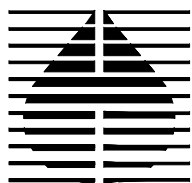


MAY 23, 2011

RESULTS OF GROUNDWATER MONITORING
AND GROUNDWATER EXTRACTION AND TREATMENT
PILOT TESTING
FIRST QUARTER 2011
RAYTHEON COMPANY
(FORMER HUGHES AIRCRAFT COMPANY FACILITY)
1901 WEST MALVERN AVENUE
FULLERTON, CALIFORNIA

PREPARED FOR:
RAYTHEON COMPANY



HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING



HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

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May 23, 2011

VIA FEDERAL EXPRESS – STANDARD

Mr. William F. Jeffers, PE
Hazardous Substances Engineer
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL
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Chatsworth, CA 91311-6505

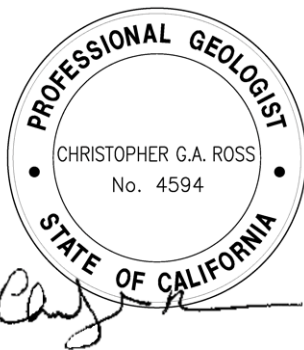
Re: Transmittal of Results of Groundwater Monitoring and Groundwater
Extraction and Treatment Pilot Testing, First Quarter 2011, Raytheon Company,
(Former Hughes Aircraft Company), 1901 West Malvern Avenue, Fullerton, California

Dear Mr. Jeffers:

Enclosed are one hard copy and one compact disc that contains an electronic copy of the above-referenced report. If you have any questions or require further information, please contact us at 858-455-6500.

Sincerely,

HARGIS + ASSOCIATES, INC.



Christopher G.A. Ross, PG 4594, CHG 221
Principal Hydrogeologist

CGAR/SPN/RDC/gll

Enclosure



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Mesa, AZ
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Mr. William F. Jeffers, PE
May 23, 2011
Page 2

cc w/encl: (1 copy w-CD)

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ACRONYMS AND ABBREVIATIONS

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethylene
1,1,2-TCA	1,1,2-Trichloroethane
1,2-DCA	1,2-Dichloroethane
AGAWP	Additional Groundwater Assessment Work Plan
ATL	Advanced Technology Laboratories, Inc., Signal Hill, California
cis-1,2-DCE	cis-1,2-Dichloroethylene
CM	Conceptual Model
CMS	Corrective Measures Study
COPCs	Compounds of potential concern
DTSC	California Environmental Protection Agency, Department of Toxic Substances Control
DWR	California Department of Water Resources
EPA	United States Environmental Protection Agency
GETS	Groundwater Extraction and Treatment System
GMWP/SAP	Groundwater Monitoring Work Plan and Sampling and Analysis Plan
gpm	Gallons per minute
H+A	Hargis + Associates, Inc.
HiPOx	Hydrogen peroxide
LAS	Lower Aquifer System
MAS	Middle Aquifer System
MCL(s)	Maximum Contaminant Level(s)
msl	Mean sea level
OCGB	Orange County Groundwater Basin
PCE	Tetrachloroethylene
QA/QC	Quality assurance/quality control
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SIM	Selective ion monitoring
the Site	former Raytheon Company facility located at 1901 West Malvern Avenue, Fullerton, California
TCE	Trichloroethylene
TCFM	Trichlorofluoromethane
UAS	Upper Aquifer System
ug/l	Micrograms per liter
VOC(s)	Volatile organic compound(s)

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1.0 INTRODUCTION

This report presents the results of groundwater monitoring and groundwater treatment pilot testing conducted during the first quarter 2011 at the former Raytheon Company (formerly Hughes Aircraft Company) facility located at 1901 West Malvern Avenue, Fullerton, California (the Site) (Figure 1). Previous investigations at the Site were conducted as part of the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) under the direction of the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) (Hargis + Associates, Inc. [H+A], 1998). Periodic groundwater monitoring and additional groundwater assessment have been conducted since completion of the RFI to support a Corrective Measures Study (CMS) for the Site under continuing direction of the DTSC. As part of the CMS, an extended groundwater extraction and treatment pilot test began operation in July 2008 (H+A, 2003a, 2003b, 2003c, 2003d, 2004a, 2004b, 2005a, 2005b, 2008b, 2009c, 2009d, and 2010d).

Groundwater monitoring consists of measuring groundwater levels and collecting groundwater samples from monitor wells and piezometers at the Site (Figure 2). Quarterly water level measurements and groundwater samples were collected in March 2011 from accessible monitor wells and piezometers in general accordance with the Groundwater Monitoring Work Plan and Sampling and Analysis Plan (GMWP/SAP), except if noted herein (Section 2.1) (Tables 1 and 2) (H+A, 2003c).

A summary of regional and local hydrogeologic conditions in the area and at the Site are presented in the following sections. Regional and local hydrogeologic conditions are described in greater detail in previously submitted well construction reports (H+A, 2005c, 2009b, 2010c, and 2011d).

1.1 REGIONAL HYDROGEOLOGIC FRAMEWORK

The Site is located within the Orange County Groundwater Basin (OCGB). Aquifers in the OCGB have been divided into three separate systems called the upper, middle, and lower regional groundwater systems (California Department of Water Resources [DWR], 1967).

The Upper Aquifer System (UAS) is located within the OCGB to the south of Malvern Avenue. The UAS in this area includes stream terrace and older alluvial deposits as well as the La Habra/Lakewood formation. It is believed that coarse-grained facies in the La Habra/Lakewood formation, corresponding to the upper aquifer, pinch out south of the Coyote Hills or are folded and unconformably truncated near the southern boundary of the Site (H+A, 2005c, 2009b, and 2010c).

The Middle Aquifer System (MAS) underlies the UAS to the south of Malvern Avenue and extends to approximately -1,500 feet mean sea level (msl) in this area. The MAS is believed to include the Coyote Hills formation and the San Pedro formation and may include portions of the La Habra formation incised as channels into the underlying Coyote Hills formation.

The Lower Aquifer System (LAS) underlies the MAS and extends to the base of the freshwater zone. The LAS is believed to include portions of the Fernando group of Pliocene age. The base of the freshwater zone in the vicinity of the Site is estimated to be approximately -300 feet msl just north of the Site and -3,000 feet msl south of the Site in the OCGB (DWR, 1967). The base of the freshwater zone immediately beneath the Site has not been established.

Groundwater production in the OCGB is primarily from the lower portion of the UAS and the upper portion of the MAS between approximately -250 feet msl and -1,000 feet msl (DWR, 1967).

1.2 SITE HYDROGEOLOGY

Site hydrostratigraphic units consist of strata having similar hydraulic properties and lithologic characteristics, which have been correlated across the Site. The soils encountered at the Site are generally interbedded sand, silty to clayey sand, sandy silt, and sandy clay, with local gravel layers (H+A, 1998). Evaluation of strata on a relatively small scale, on the order of inches to a foot or two, indicate that soil types encountered in the subsurface are typically very discontinuous, precluding detailed correlation between boreholes. However, some larger-scale correlations have been made at the Site and vicinity as described below.

The groundwater conceptual model (CM) for the Site was refined after completion of additional groundwater assessment activities in 2004 and confirmed and further refined during the 2008 through 2011 well construction activities. Specific results of prior additional assessment activities were documented after discrete phases of work in several well construction and groundwater sampling reports (H+A, 2005c, 2009b, 2010c and 2011b). The following provides a general overview based on the RCRA Facility Investigation (RFI) and well construction reports for the Site.

Two localized perched zones were identified under portions of the Site during the course of the RFI (H+A, 1998). Perched zones were identified based on the occurrence and behavior of groundwater, and are not clearly expressed lithologically. The perched zones do not represent a usable source of groundwater due to the limited area over which they occur and the small quantities of water flowing through these zones.

The water table in the regional groundwater system beneath the Site occurs in sand, silt, and clay (H+A, 1998). The upper portion of the regional groundwater system is heterogeneous as indicated by the differences in the lithology encountered during the construction of the groundwater monitor wells. The hydraulic conductivity of these sediments was estimated to range from approximately 0.1 foot per day to approximately 100 feet per day. Wells completed in lithologic intervals with varying degrees of hydraulic communication with each other and with aquifer units in the OCGB respond differently to changes in regional water levels. Those in good communication respond rapidly to regional changes, while those in finer-grained or isolated lithologic units exhibit a dampened and delayed response to regional water level

changes. This differential response may also appear as a reversal of the vertical hydraulic gradients in the vicinity of paired monitor well groupings. Such reversals tend to be repeated, representing a seasonally-linked pattern of gradient reversals, from downwards during periods of expected high basin-wide groundwater extraction to upwards during the shorter winter season (Figures 3 through 8) (H+A, 2005c).

The hydrogeology in the southern portion of the Site is heterogeneous and is interpreted to include a structural fold based on regional subsurface studies and on an evaluation of Site lithology, geophysical, water level, and water quality trends (H+A, 2005c, 2009b, 2010c, and 2011d). A groundwater CM was developed as part of the RFI and was subsequently refined to incorporate this structural feature following subsequent phases of additional subsurface exploration, such as exploratory borings and deep monitor wells. The groundwater CM is intended to be descriptive of conditions observed in the subsurface, as well as predictive of geologic and hydrogeologic conditions likely to be encountered in the course of any additional subsurface work. The groundwater CM is intended to describe conditions at both the regional scale and at the smaller, Site-specific scale. It is expected that the groundwater CM will continue to be refined with time as it is continuously tested against additional new groundwater monitoring data and other new data that may become available. The groundwater CM has been refined based on available groundwater monitoring data to date, and the primary geologic/hydrogeologic structural feature at and in the vicinity of the Site is described in the following paragraph.

Strata underlying the southern flank of the Coyote Hills are believed to dip gently southward to the north of the Site, and are well documented to be nearly horizontal in the OCGB south of the Site (DWR, 1967). The southern boundary of the Coyote Hills exhibits a monoclinial fold below the surficial terrace deposits, resulting in local southward dip of approximately 42 degrees between exploratory boring EB-1 and monitor well MW-31 (Figures 9 through 11) (H+A, 2010c).

2.0 GROUNDWATER MONITORING

Quarterly groundwater monitoring was conducted in March 2011 in general accordance with the GMWP/SAP (H+A, 2003c). Groundwater monitoring included water level measurements in all Site monitor wells, piezometers, and extraction wells (Figures 2 and 12). Water levels were measured on March 24 and 25, 2011 (Table 3). Groundwater samples were collected from piezometers and monitor wells according to the analytical schedule detailed in the GMWP/SAP (H+A, 2003c), as updated (Table 1). Groundwater samples were collected during the period from March 24 through March 30, 2011 (Tables 4 and 5). Additional groundwater monitoring was conducted as part of routine operation and monitoring of the pilot Groundwater Extraction and Treatment System (GETS) (Section 3.0).

2.1 WELL ACCESSIBILITY AND STATUS

All existing wells and piezometers at the Site were accessible during the March 2011 groundwater monitoring event. However, no samples were collected from monitor well MW-30B due to a malfunctioning pump (Table 1).

2.1.1 Decommissioned Wells

Several wells and piezometers that were installed prior to and during the RFI, and as part of earlier Site remediation activities, were previously decommissioned during property redevelopment at the Site. Data from wells and piezometers that have been decommissioned provide limited usefulness in the interpretations of ongoing water level and water quality trends at the Site. Therefore, water level and water quality data collected from wells and piezometers that were decommissioned have been excluded from the data tabulations compiled for this report (Tables 2 through 5). Water level and water quality data collected from the wells and piezometers that were decommissioned prior to 2002 were most recently summarized in the April 2002 groundwater monitoring report (H+A, 2002). Water level and water quality data collected from the wells and piezometers that were decommissioned

between 2002 and 2003 were most recently summarized in the March 2004 groundwater monitoring report (H+A, 2004c).

2.1.2 Wells Installed Since Approval of the Sampling and Analysis Plan

Monitor wells MW-24, MW-26A, MW-26B, MW-26C, MW-27, MW-28, MW-29, MW-30A, MW-30B, MW-31, MW-32A, MW-32B, MW-32C, MW-33, MW-34A, MW-34B, MW-34C, MW-35A, MW-35B, and MW-35C and extraction wells EW-01 and EW-02 were installed after approval of the GMWP/SAP and have been incorporated into the quarterly groundwater monitoring program at the Site (Tables 1 and 2; Figure 2). In accordance with the Additional Groundwater Assessment Work Plan (AGAWP) Addendum 2A, installation of monitor wells MW-31, MW-32 nest, and MW-33 were completed during the fourth quarter 2009 and third quarter 2010 and have been incorporated into the quarterly groundwater monitoring program (H+A, 2009c, 2009e, and 2010d). In accordance with the GETS Pilot Study Corrective Measures Work Plan Addendum No. 4A, installation of extraction well EW-02 was conducted in the fourth quarter 2009, initial startup of extraction well EW-02 was completed in March 2010, groundwater monitoring is conducted as part of routine operation and monitoring of the pilot GETS (H+A, 2009d). In accordance with the AGAWP Addendum 3, installation of monitor wells MW-34 cluster and MW-35 nest were completed during the fourth quarter 2010 and first quarter 2011 and have been incorporated into the quarterly groundwater monitoring program (H+A, 2010b and 2011d).

2.2 GROUNDWATER LEVELS

Depth to groundwater was measured in all monitor wells (with the exception of MW-06 which was not measured due to equipment malfunction), piezometers, and extraction wells as part of the first quarter 2011 groundwater monitoring round. Water level elevations were calculated by subtracting the measured depth to water in each well from its surveyed reference point elevation (Table 3). Groundwater level elevations measured in March 2011 have been plotted for the perched zone and the regional groundwater system (Figure 12). Water level elevation in Unit B wells has been contoured (Figure 13).

2.2.1 Perched Zone Water Levels

A hydrograph presenting historical water level data for the perched zone has been prepared (Figure 14). Water levels in the upgradient (northern) portion of the perched zone were depressed during operation of the voluntary dual-phase extraction system, but gradually recovered in 2000 and 2001 (represented by former piezometers P-02D and P-04 on Figure 14). Since then, water levels in the northern portion of the perched zone have remained relatively stable. The water level elevation in piezometer P-09, which is located in the northern portion of the perched zone, has been stable between about 60 feet msl and 65 feet msl, fluctuating within a range of less than about 2.5 feet over its period of record since installation in mid-2003. Water levels across most of the perched zone do not appear to consistently reflect the seasonal fluctuations observed in regional groundwater system monitor wells at the Site (Section 2.2.2), indicating that the perched zone is not in direct hydraulic communication with the regional groundwater system.

Water level trends observed in the southernmost perched zone piezometer, P-07, suggest that the perched zone merges with the regional groundwater system in this area. Water level increases were observed in piezometer P-07 between December 2005 and June 2006, followed by a decline to dry conditions by September 2007 (Figure 14). Regional water levels reached historical highs within this same period in mid-2006 and began a continual decline during the last three quarters of 2007. The water level elevation in piezometer P-07 has been relatively stable and slowly increasing since December 2007 while the regional groundwater system continued to decline to historical lows in late 2008. The water level elevation in piezometer P-07 increased by approximately 0.8 foot between December 2010 and March 2011. Trends observed in piezometer P-07 suggest that this piezometer responds to regional water level increases above a certain threshold near approximately 30 feet msl, but does not exhibit a direct hydraulic connection with the regional groundwater system under typical conditions at the Site, where regional groundwater levels are depressed by production well pumping in the OCGB and lower than 30 feet msl at the Site.

2.2.2 Regional Groundwater System Water Levels

Water level elevations increased in all measured monitor and extraction wells between December 2010 and March 2011 (Table 3; Figures 3 through 8) (H+A, 2011b). Measured increases ranged from approximately 6.0 feet at monitor well MW-08 to approximately 16.5 feet at monitor well MW-25. The highest water level elevation observed in wells at the Site in March 2011 was at monitor well MW-20, at an elevation of approximately 18.7 feet above msl. The lowest static water level elevation observed in monitor wells at the Site in March 2011 was at monitor well MW-15, at an elevation of approximately 2.1 feet below msl (Table 3; Figure 12).

Hydrographs have been prepared based on water levels measured manually during the period from January 1997 through March 2011, and on data collected automatically using pressure transducer/data-loggers during the period from November 1999 through March 2000 and January 2002 through March 2011. Historical water level data from the regional groundwater system indicate an overall decline in regional groundwater levels from early 1997 through late 2002 (Figures 3 through 8). Water levels began to recover in early 2003; following a record rainfall during the 2004-2005 season, water level elevations in regional groundwater monitor wells at the Site reached historical highs by about the spring of 2006. Water levels then rapidly declined to historical lows by November to December 2008. The majority of water levels have recovered from the historical lows of late 2008. Water level elevations in the regional groundwater system have generally fluctuated seasonally due to variations in groundwater production and recharge in the groundwater basin and, to a lesser extent, cyclical groundwater extraction from regional production wells in the vicinity that are unrelated to the Site (Figures 3 through 8) (H+A, 2008b, 2009a, and 2010a).

Five monitor well clusters/nests are completed in the regional groundwater system, where water levels are monitored at several different vertical intervals to characterize vertical hydraulic gradients between successively deeper portions of the regional groundwater system (EW-01/MW-16/MW-21/MW-24/MW-25, for convenience designated the "Footbridge cluster," MW-23/MW-26A/MW-26B/MW-26C, for convenience designated the "Starbuck cluster", MW-32A/MW-32B/MW-32C, designated the MW-32 nest, MW-34A/MW-34B/MW-34C, designated the MW-34 cluster, and MW-35A/MW-35B/MW-35C, designated the MW-35 nest) (Table 2; Figures 12, 15, and 16). The following provides a summary of vertical hydraulic

gradients based on the March 2011 water level measurements at these well clusters/nests (Table 3).

At the Footbridge cluster, the water level elevation in monitor well MW-25 was higher than the water level elevations in the other wells in that cluster, an upward vertical hydraulic gradient was observed between monitor wells MW-25 and MW-24. A upward gradient was also observed between extraction well EW-01 and monitor well MW-21. A downward gradient was observed between monitor wells MW-21 and MW-24. With the exception of a reversal in vertical hydraulic gradient between MW-21 and MW-24, directions of vertical hydraulic gradients observed between Footbridge cluster monitor and extraction wells are consistent with the direction of vertical gradients observed at this cluster in December 2010 (Figure 15) (H+A, 2011b).

At the Starbuck cluster, the water level elevation in monitor well MW-23 was higher than the water level elevations in the other wells in that cluster. Downward vertical gradients were observed between monitor wells MW-26A and MW-23, as well as monitor wells MW-26A and MW-26B (Figure 16) (H+A, 2011b). An upward vertical gradient was observed between monitor wells MW-26B and MW-26C, a reversal since December 2010. With the exception of the upward vertical gradient observed between MW-26B and MW-26C, the directions of vertical hydraulic gradients observed at the Starbuck cluster in March 2011 are consistent with the direction of vertical gradients observed at this cluster in December 2010.

At the MW-32 nest, the water level elevation in monitor well MW-32C was higher than the water level elevations in the other wells in that nest. Upward vertical gradients were observed between monitor wells MW-32A and MW-32B, as well as monitor wells MW-32B and MW-32C (Figure 17). The directions of vertical hydraulic gradients observed at the MW-32 nest in March 2011 are consistent with the direction of vertical gradients observed at this nest in December 2010 (H+A, 2011b).

At the MW-34 cluster, the water level elevation in monitor well MW-34A was higher than the water level elevations in the other wells in that nest. Downward vertical gradients were observed between monitor wells MW-34A and MW-34B, as well as monitor wells MW-34B and MW-34C. The vertical hydraulic gradient between monitor wells MW-34B and MW-34C

reversed from upward in late February and early March to downward in mid- and late March (H+A, 2011c).

At the MW-35 nest, the water level elevation in monitor well MW-35A was higher than the water level elevations in the other wells in that nest. Downward vertical gradients were observed between monitor wells MW-35A and MW-35B, as well as monitor wells MW-35B and MW-35C. The directions of vertical hydraulic gradients observed at the MW-35 nest in March 2011 are consistent with the direction of vertical gradients observed at this nest in January and February 2011 (H+A, 2011a).

Occasional seasonal gradient reversals appear to reflect the variable extent of hydraulic communication between Site wells and the regional MAS of the OCGB (Figures 3 through 8). Water level data obtained from the two monitor well clusters indicate that some wells (e.g., EW-01, MW-23, and MW-26C) are highly responsive to piezometric changes in the basin, whether resulting from regional or seasonal fluctuations or from local production well pumping in the northern portion of Fullerton. Other wells (e.g., MW-16, MW-21, and MW-25) appear to be in partial communication with the regional aquifer, exhibiting a dampened and delayed response to changes in the regional system or becoming seasonally isolated from the regional system. Finally, some wells (e.g., MW-24, MW-26A, and MW-26B) appear to be relatively isolated from the regional groundwater system, exhibiting relatively low amplitude and gradual seasonal variation, with high water levels typically in the late spring months and low levels in the early fall (Figures 15 and 16).

2.3 CHEMICAL QUALITY OF GROUNDWATER

Two perched zone piezometers, 25 regional groundwater monitor wells, and three extraction wells were sampled in March 2011 (Table 1). All groundwater samples collected during the March 2011 monitoring event were analyzed for volatile organic compounds (VOCs) using United States Environmental Protection Agency (EPA) Method 8260B. Groundwater samples collected from select piezometers, monitor wells, and extraction wells were also analyzed for 1,4-dioxane using modified EPA Method 8270 in accordance with the groundwater sampling schedule (Table 1). Selective ion monitoring (SIM) was used by the primary laboratory for analysis of 1,4-dioxane to provide lower detection and reporting limits (EPA Method 8270 SIM).

Lower reporting limits for 1,4-dioxane resulted in historical low concentration detections of this compound at several wells and a historical high, at a relatively low concentration, at one well as described in the following sections.

Original and duplicate groundwater samples were analyzed by Advanced Technology Laboratories, Inc., Signal Hill, California (ATL) (Appendix A). Laboratory split groundwater samples were analyzed by Exova, formerly Bodycote Testing Group, Santa Fe Springs, California (Appendix A). Chain-of-custody documentation was enclosed with each sample shipment. Results of groundwater sample VOC and 1,4-dioxane analyses have been summarized (Tables 4 and 5).

Prior to groundwater sample collection, each monitor well was purged until three casing or screen volumes were evacuated from the well, or the slow-well protocol was followed for removal of at least one casing or screen volume, as appropriate (H+A, 2003b and 2008b). Groundwater samples were collected from the extraction wellhead(s) during operation of the pilot GETS. Extraction wells EW-01 and MW-21 were turned on temporarily for purging and sampling in March 2011 as current operation of the pilot GETS involves extraction only from extraction well EW-02. Field parameters, including pH, specific conductance, dissolved oxygen, turbidity, and temperature, were monitored during well purging. Groundwater sampling field forms are provided (Appendix B).

Quality assurance/quality control (QA/QC) samples collected in March 2011 consisted of trip blanks, equipment rinsate blanks, field duplicates, and laboratory split samples. Trip blanks and the water used to collect the equipment rinsate blanks were provided by ATL. Field duplicate and/or laboratory split samples were collected for analysis of VOCs and 1,4-dioxane from monitor wells MW-31, MW-34B, MW-34C and MW-35C, and extraction well MW-21 in March 2011 (Table 4). Equipment rinsate blanks were collected at the rate of one per day when non-dedicated purging or sampling equipment was used.

The following sections describe the analytical results for VOC and 1,4-dioxane analyses of groundwater samples collected during the March 2011 groundwater monitoring event.

2.3.1 Perched Water Zone

Two perched zone piezometers, P-07 and P-09, were sampled during the March 2011 groundwater monitoring event (Tables 4 and 5; Figure 18). The groundwater samples collected from perched zone piezometers P-07 and P-09 were analyzed for VOCs and 1,4-dioxane. VOCs detected in the groundwater samples collected from piezometer P-07 in March 2011 include 1,1-dichloroethylene (1,1-DCE), trichloroethylene (TCE), tetrachloroethylene (PCE), 1,1-dichloroethane (1,1-DCA), 1,2-dichloroethane (1,2-DCA) and 1,1,2-trichloroethane (1,1,2-TCA). All concentrations were within their respective historical ranges for this piezometer. 1,4-Dioxane was detected in the groundwater sample collected from piezometer P-07 at a concentration of 1,000 micrograms per liter (ug/l), within its historical range. 1,1-DCE was the only VOC detected in the groundwater sample collected from piezometer P-09 in March 2011, at a concentration of 10 ug/l, within its historical range at this piezometer. 1,4-Dioxane was detected at piezometer P-09 in March 2011 at a concentration of 0.86 ug/l, a historical low detection at this piezometer (Tables 4 and 5).

2.3.2 Regional Groundwater System

Twenty-five monitor wells and three extraction wells were sampled in March 2011 (Tables 4 and 5; Figure 18). These include monitor wells MW-08, MW-09, MW-15, MW-16, MW-22 through MW-24, MW-26A/B/C nest, MW-27 through MW-29, MW-30A, MW-31, MW-32A/B/C nest, MW-33, MW-34A/B/C nest, and MW-35A/B/C nest, and extraction wells MW-21, EW-01, and EW-02 (Tables 1, 4, and 5).

Samples collected from all regional groundwater system monitor and extraction wells in March 2011 were analyzed for VOCs. Groundwater samples collected from monitor wells MW-08, MW-09, MW-16, MW-24, MW-26C, MW-27 through MW-29, MW-30A, MW-31, MW-32A/B/C nest, MW-33, MW-34A/B/C nest, and MW-35A/B/C nest and extraction wells MW-21, EW-01, and EW-02 in March 2011 were also analyzed for 1,4-dioxane.

2.3.2.1 Volatile Organic Compounds in Regional Groundwater System Monitor Wells

1,1-DCE was the principal VOC detected in groundwater samples collected from regional groundwater system monitor wells at the Site. The additional VOCs TCE, PCE, 1,1-DCA, 1,2-DCA, cis-1,2-dichloroethylene (cis-1,2-DCE), toluene, 1,1,2-TCA, trichlorofluoromethane (TCFM), benzene, bromodichloromethane, chloroform, and chloromethane were detected at relatively low concentrations in groundwater samples collected in March 2011 (Tables 4 and 5). The concentration of 1,1-DCE has decreased significantly from the June 2008 historical highs of 4,900 ug/l in extraction well MW-21, and approximately 1,600 ug/l in extraction well EW-01 since operation of the pilot GETS started in July 2008. 1,1-DCE was detected in groundwater samples collected from monitor well MW-26C beginning in December 2007 through December 2009. The concentration of 1,1-DCE at monitor well MW-26C generally declined since December 2007, with recent results non-detect at a concentration of less than 0.5 ug/l in March 2010 through March 2011. VOC concentrations were generally within their respective historical ranges with the following exceptions. Historical high concentrations of cis-1,2-DCE and TCE were detected in the groundwater sample collected from monitor well MW-08 at concentrations of 10 ug/l and 230 ug/l, respectively (Tables 4 and 5). Historical low concentrations of 1,1-DCE were detected in the groundwater samples collected from monitor wells MW-28 and MW-31, at concentrations of 1.6 ug/l and 25 ug/l, respectively. The concentration of 1,1-DCE in a sample collected from MW-30A was also historically low with a non-detect of less than 0.50 ug/l in March 2011.

2.3.2.2 1,4-Dioxane in Regional Groundwater System Monitor Wells

1,4-Dioxane was detected in groundwater samples collected from regional groundwater system monitor wells MW-16, MW-26C, MW-27, MW-28, MW-29, MW-30A, MW-31, MW-32B, and MW-34B, and extraction wells EW-01, EW-02, and MW-21 in March 2011. A historical high concentration of 1,4-dioxane was detected in the groundwater sample collected from monitor well MW-27 at a concentration of 0.24 ug/l (Tables 4 and 5). Historical low concentrations of 1,4-dioxane were detected in the groundwater samples collected from monitor wells MW-26C, MW-28, MW-29, MW-30A, MW-31, and MW-32B, and extraction well EW-02, at concentrations of 0.91 ug/l, 1.2 ug/l, 29 ug/l, 0.44 ug/l, 0.25 ug/l, 0.49 ug/l, and 16 ug/l, respectively.

2.3.2.3 Groundwater Quality in Site Hydrostratigraphic Zones

The following describes 1,1-DCE and 1,4-dioxane detected at the Site in March 2011 within the framework of the Site groundwater CM hydrostratigraphic zones (Tables 1, 4, and 5; Figures 9 through 11 and 18).

- Four of seven monitor wells screened in Unit A (MW-22, MW-23, MW-34A, and MW-35B) were sampled for VOCs in March 2011. 1,1-DCE was not detected in groundwater samples collected from any of the four of the Unit A monitor wells sampled in March 2011. 1,4-Dioxane was not detected in groundwater samples collected from two Unit A monitor wells (MW-34A and MW-35B).
- Four of five monitor wells screened in Unit AB (MW-15, MW-26A, MW-26B, and MW-32A) were sampled for VOCs in March 2011. 1,1-DCE was detected at a concentration of 0.88 ug/l in the groundwater sample collected from monitor well MW-15, within the historical range for this well. 1,1-DCE was not detected in samples collected from monitor wells MW-26A, MW-26B, or MW-32A. 1,4-Dioxane was not detected in the groundwater sample collected from monitor well MW-32A.
- All 11 monitor wells (MW-16, MW-26C, MW-27, MW-28, MW-29, MW-30A, MW-31, MW-32B, MW-33, MW-34B, and MW-35C) and two extraction wells (EW-01 and EW-02) screened in Unit B (Target Zone) were sampled for VOCs and 1,4-dioxane in March 2011. 1,1-DCE was detected in all Unit B monitor wells with the exceptions of MW-26C, MW-27, MW-30A, and MW-35C. 1,1-DCE was detected at concentrations of 680 ug/l, 200 ug/l, 42 ug/l, 27 ug/l (estimated), 25 ug/l, 8.0 ug/l, and 1.6 ug/l at monitor wells MW-16, MW-29, MW-32B, MW-34B, MW-31, MW-33, and MW-28, respectively. 1,4-Dioxane was detected in all Unit B monitor wells with the exceptions of MW-33 and MW-35C. 1,4-Dioxane was detected at concentrations of 99 ug/l, 29 ug/l, 9.4 ug/l (estimated), 1.2 ug/l, 0.91 ug/l, 0.49 ug/l, 0.44 ug/l, 0.25 ug/l, and 0.24 ug/l at monitor wells MW-16, MW-29, MW-34B, MW-28, MW-26C, MW-32B, MW-30A, MW-31, and MW-27, respectively. 1,1-DCE and 1,4-dioxane were detected at concentrations

of 200 ug/l and 64 ug/l, respectively, at extraction well EW-01. 1,1-DCE and 1,4-dioxane were detected at concentrations of 77 ug/l and 16 ug/l, respectively, at extraction well EW-02. VOCs have not been detected at Unit B monitor well MW-27.

- Two monitor wells (MW-08 and MW-34C) and one extraction well (MW-21) screened in Unit BC were sampled for VOCs and 1,4-dioxane in March 2011. 1,1-DCE was detected at concentrations of 38 ug/l and 2,800 ug/l at monitor well MW-08 and extraction well MW-21, respectively. The concentration of 1,1-DCE has declined from 4,900 ug/l in June 2008 (prior to startup of the pilot GETS), to 2,800 ug/l in March 2011 at extraction well MW-21. TCE was also detected in monitor well MW-08 and extraction well MW-21 in March 2011, at concentrations of 230 ug/l, and 23 ug/l, respectively. 1,1-DCE has not been detected in recently installed monitor well MW-34C. 1,4-Dioxane was detected at a concentration of 93 ug/l (estimated) in extraction well MW-21. The concentration of 1,4-dioxane at extraction well MW-21 has declined from 370 ug/l in June 2008 (prior to startup of the pilot GETS) to 93 ug/l (estimated) in March 2011, and is within the historical range for this well. 1,4-Dioxane was not detected in monitor wells MW-08 and MW-34C in March 2011.
- All three monitor wells screened in Unit C (MW-09, MW-24, and MW-32C), were sampled for VOCs and 1,4-dioxane in March 2011. VOCs were not detected in groundwater samples collected from monitor wells MW-09, MW-24, and MW-32C. 1,4-Dioxane was not detected in groundwater samples collected from monitor wells MW-09, MW-24, and MW-32C.
- No monitor wells screened in Unit D were scheduled to be sampled for VOCs or 1,4-dioxane in March 2011.

VOC and 1,4-dioxane concentrations will continue to be monitored to evaluate vertical and lateral distribution and to assess trends within and across the Site hydrostratigraphic zones.

2.3.3 Quality Assurance/Quality Control

QA/QC samples, including field duplicates, laboratory split samples, equipment rinsate blanks, and trip blanks, were collected and analyzed for VOCs during the March 2011 monitoring event (Appendix A). In addition, field duplicates and laboratory split samples were collected and analyzed for 1,4-dioxane in March 2011. The relative percent difference was calculated between the results of each field duplicate and each laboratory split sample with its corresponding original sample. This data quality assessment indicated that all QA/QC results for groundwater samples are within acceptable criteria, with the following exception:

- The RPD calculated between the original and split laboratory sample results for 1,4-Dioxane in extraction well MW-21 in March 2011 exceeded acceptance criteria. Therefore, the detections of 1,4-dioxane in the original and split samples are qualified as estimated "E" (Table 4; Appendix A).
- The RPD calculated between the original, duplicate, and split laboratory sample results for 1,1-DCE and 1,4-dioxane in monitor well MW-34B in March 2011 exceeded acceptance criteria. Therefore, the detections of 1,1-DCE and 1,4-dioxane in the original, duplicate, and split laboratory samples are qualified as estimated "E" (Table 4; Appendix A).
- The RPD calculated between the original and split laboratory sample results for bromodichloromethane in monitor well MW-35C in January 2011 exceeded acceptance criteria. Therefore, the detections of bromodichloromethane in the original, duplicate, and split samples are qualified as estimated "E" (Table 5; Appendix A).
- The RPD calculated between the original and split laboratory sample results for chloroform in monitor well MW-35A in February 2011 exceeded acceptance criteria. Therefore, the detections of chloroform in the original, duplicate, and split samples are qualified as estimated "E" (Table 4; Appendix A).

- The RPD calculated between the original and split laboratory sample results for 1,1-DCE in monitor well MW-34B in early March 2011 exceeded acceptance criteria. Therefore, the detections of 1,1-DCE in the original, duplicate, and split samples are qualified as estimated “E” (Table 4; Appendix A).
- The RPD calculated between the original and split laboratory sample results for 1,1-DCE in monitor well MW-34B in mid March 2011 exceeded acceptance criteria. Therefore, the detections of 1,1-DCE in the original and split samples are qualified as estimated “E” (Table 4; Appendix A).

There were no detections of VOCs or 1,4-dioxane in the trip and/or laboratory method blanks analyzed with groundwater samples collected during the March 2011 groundwater monitoring event (Table 4; Appendix A).

3.0 GROUNDWATER EXTRACTION AND TREATMENT PILOT STUDY

This section summarizes the pilot GETS operation within the three-month period of monitoring conducted during the first quarter of 2011. The pilot GETS consists of three groundwater extraction wells, the treatment system, and the disposal system; however, the current phase of pilot testing is operating using one extraction well (EW-02). The treatment system processes extracted groundwater through an advanced oxidation unit that utilizes ozone and hydrogen peroxide (HiPOx), followed by a granular activated carbon polish prior to disposal to the sanitary sewer. A graphical representation of the system operational time in relation to water level measurements at current extraction well EW-02 and the previously utilized extraction wells EW-01 and MW-21 has been provided (Figure 19).

Initial startup of the pilot GETS took place on Tuesday, July 8, 2008. From July 2008 through November 2009, the pilot GETS was operated with extraction wells EW-01 and MW-21. Pilot GETS expansion took place between November 2009 and March 2010 in order to incorporate extraction well EW-02 into the extraction well network. The system maximum flow rate was also increased from 20 gallons per minute (gpm) to 50 gpm. Beginning March 2010, the pilot GETS was operated at 50 gpm, entirely from extraction well EW-02.

During the first quarter 2011, the pilot GETS was operational approximately 91 percent of the available runtime and approximately 5,708,381 gallons of groundwater were treated and discharged to the sanitary sewer (Table 6). The average monthly discharge flowrate to the sanitary sewer during December 2010 through March 2011 was approximately 44.0 gpm. Since startup of the pilot GETS, approximately 29,451,053 gallons of groundwater have been treated at an average flowrate of 20.4 gpm through the end of March 2011 (Table 6).

Daily, weekly, monthly, and quarterly pilot GETS monitoring activities include collecting samples from extraction wells in addition to collecting samples at treatment system sampling ports: Influent (extraction well EW-02 wellhead when it is the only extraction well operating), Post Particulate Filter, Post HiPOx Oxidation, Carbon Breakthrough, and Carbon Effluent (Tables 7 and 8; Figure 20). Samples collected during these activities were sent to ATL.

Analytical results of the treatment system samples have been summarized (Table 8; Appendix A).

The pilot GETS system was shut down for expansion from approximately October 2009 to March 2010. The expansion was completed and extraction and treatment of groundwater resumed in March 2010. The pilot GETS was restarted on March 22, 2010 with extraction and treatment of groundwater from extraction well EW-02 at a rate of approximately 50 gpm. Extraction wells EW-01 and MW-21 are on standby for the current phase of pilot testing but may be used for future phases of pilot testing or as part of a full-scale pump-and-treat system.

The pilot GETS continues to remove VOCs and 1,4-dioxane from extracted groundwater. The HiPOx ozone/peroxide advanced oxidation and carbon adsorption treatment units effectively removed VOCs from extracted groundwater. Breakthrough of low-level detections of VOCs was not observed in the first quarter 2011 monitoring samples with the exception of detections of 1,1-DCA at concentrations of 1.0 ug/l, 0.94 ug/l, and 0.83 ug/l in January, February, and March, respectively, just above the laboratory reporting limit but well below the pilot GETS permitted sewer discharge limit (Table 8). The effluent sample collected from the HiPOx advanced oxidation treatment unit contained low-level detections of bromate, a secondary by-product, during operations in the first quarter 2011. Carbon adsorption does not effectively remove this compound; however, this compound was detected at concentrations below the pilot GETS permitted sewer discharge limit. The operation of the advanced oxidation system continues to be optimized in an attempt to minimize the formation of bromate (Figure 21).

During the first quarter of 2011, the pilot GETS removed approximately 3.2 pounds of VOCs and 0.8 pounds of 1,4-dioxane from extracted groundwater (Figure 22). Since startup of the pilot GETS in July 2008, approximately 82.0 pounds of VOCs and 14.0 pounds of 1,4-dioxane have been removed from groundwater through March 2011.

4.0 DISCUSSION

Perched zone water levels have remained relatively stable with one notable exception. A high water level elevation was observed at piezometer P-07 during the mid-2006 historical high regional groundwater levels, when the regional water table rose into the southern, lower levels (toe) of the perched zone. The water level in piezometer P-07 declined in late 2006 and 2007 as the regional groundwater level declined. Water levels observed at piezometer P-07 have since recovered to similar water level elevations historically observed at this piezometer. To the north, water levels in perched zone piezometer P-09 have remained relatively stable, and water levels in this portion of the perched zone do not exhibit seasonal variation (Figure 14). Water quality data obtained from the perched zone indicate that the perched zone remediation system that operated from about late 1998 to 2000 was effective at reducing concentrations of VOCs, particularly 1,1-DCE, in perched zone water (H+A, 2000). VOC concentrations in the perched zone have apparently stabilized after a long-term decline. 1,4-Dioxane concentrations remain relatively stable in perched zone water (Table 4).

Regional groundwater system water level data obtained in March 2011 indicate a continuation of the seasonal variations superimposed on long-term trends. The water level declines observed between mid-2006 and December 2008 represent the most rapid overall decline observed during the period of monitoring with water levels decreasing from historical highs to historical lows in all Site regional groundwater system monitor and extraction wells (Figures 3 through 8). The most dramatic declines were observed in wells completed in Unit B, where the water level decline between mid-2006 and December 2008 was about 70 feet. Water level elevations in Site monitor wells have since exhibited recovery and seasonal trend variation.

The following conclusions have been formulated regarding the regional groundwater system based on previous investigations and recent monitoring conducted at the Site. The operations formerly conducted at the Site have impacted two areas of the regional groundwater system.

- The first area is located where the perched zone merges with the regional groundwater system near monitor well MW-16 (Figures 2 and 9).

- o Historically, the regional groundwater level at monitor well MW-16 has been lower than the water level at the toe of the perched zone in piezometer P-07. However, water levels reached historical highs in regional groundwater system monitor wells at the Site in March and June 2006, and the water level elevation in monitor well MW-16 was at a similar elevation as the water level in piezometer P-07 (Figures 5 and 14). By September 2006, the water level elevation in monitor well MW-16 had again decreased to below the water level in piezometer P-07, and has since remained below the elevation of the toe of the perched zone (Figures 5, 9, and 14).
- o The compounds of potential concern (COPCs) are limited to VOCs (principally 1,1-DCE) and 1,4-dioxane.
- o VOC concentrations at monitor well MW-16 have been variable, and in March 2011, concentrations remained within the historical ranges for this well (Tables 4 and 5).
- o VOC concentrations at extraction well EW-01, adjacent to and screened over a greater interval than monitor well MW-16, are variable, with the initial samples collected in June and September 2005 exhibiting similar concentrations of VOCs as detected in monitor well MW-16. Concentrations of 1,1-DCE in extraction well EW-01 were lower than those detected in monitor well MW-16 from December 2005 through September 2007. In December 2007, concentrations of all VOCs detected in extraction well EW-01 were equal to or higher than those detected in monitor well MW-16. The concentrations of 1,1-DCE and 1,4-dioxane detected in samples collected from extraction well EW-01 have declined since the startup of the pilot GETS in June 2008.
- o VOC concentrations at extraction well MW-21, which is located adjacent to and screened deeper than monitor well MW-16 and extraction well EW-01, suggest that VOC concentrations are higher several tens of feet below the water table than at the water table in this vicinity. This may be a result of the greater effectiveness of the former perched zone remediation system near the water table, or it may represent remnant VOCs at depth in this slightly less transmissive or more isolated hydrostratigraphic zone. Since the pilot GETS has been operational, the concentration of 1,1-DCE has declined in extraction well MW-21 from its historical high of 4,900 ug/l in June 2008 to 2,800 ug/l in March 2011 (Table 4). The concentration of 1,4-dioxane has declined in extraction well MW-21 since startup of

the pilot GETS from 370 ug/l in June of 2008 to 93 ug/l (estimated) in March 2011 (Table 4).

- o 1,4-Dioxane was detected near the detection limit in two groundwater samples collected from monitor well MW-24 in March 2007 and December 2010. 1,4-Dioxane was not detected in the sample collected in March 2011. COPCs have not been otherwise detected in groundwater samples collected from this well. The March 2007 and December 2010 detections are considered anomalous. The general lack of COPCs detections in monitor well MW-24, which is located adjacent to and screened approximately 100 feet deeper than extraction well MW-21, demonstrates that the vertical extent of contamination in the vicinity of these wells is defined.
- o In December 2007, the detections of VOCs and 1,4-dioxane at monitor well MW-26C represented the first confirmed historical detections of these analytes in this well (H+A, 2008a). In monthly and quarterly monitoring samples collected during 2008, concentrations of 1,1-DCE and 1,4-dioxane detected in groundwater samples collected from monitor well MW-26C exhibited a generally declining trend from the concentrations detected in the December 2007 groundwater samples. Monitor well MW-26C is completed in Unit B, the same zone as extraction well EW-01 (Figure 9). The rapid change in water level elevations in these two wells, from historically high water level elevations in mid-2006 to historically low water level elevations observed in these wells since December 2007, and the accompanying historically high concentrations of VOCs and 1,4-dioxane detected in groundwater samples collected from these wells in December 2007, continue to suggest that Unit B is the primary transport zone. Monitor wells MW-27, MW-28, MW-29, MW-30A, and MW-30B were installed in 2008 and monitor wells MW-31, MW-32 nest, and extraction well EW-02 were installed in 2009 to delineate the distribution of 1,1-DCE and 1,4-dioxane in Unit B on the southern portion of the Site, and increase groundwater capture and accomplish greater remediation of groundwater within the primary transport zone (H+A, 2008b, 2009c, 2009d, and 2010c). In July 2010, an additional monitor well (MW-33) was installed to delineate the distribution of 1,1-DCE and 1,4-dioxane southwest of the Site (H+A, 2010c). In December 2010 through February 2011, additional monitor wells (MW-34 cluster and MW-35 nest) were installed to delineate the distribution of 1,1-DCE and 1,4-dioxane

- The second area of impact is located away from the perched zone and exhibits sporadic detections of TCE, 1,1-DCE, and TCFM in the vicinity of monitor well MW-15, and 1,1-DCE, benzene, TCE, cis-1,2-DCE, and low concentrations of other VOCs and 1,4-dioxane at monitor well MW-08. Samples collected from monitor well MW-30B, installed in November 2008, exhibit a similar VOC composition of TCE, 1,1-DCE, and cis-1,2-DCE as samples collected from monitor well MW-08, also screened in Unit BC (Figures 18 and 23).
 - o Historically, VOC concentrations have generally remained near or below Maximum Contaminant Levels (MCLs) at monitor well MW-15. The 1,1-DCE concentration detected in March 2011 was below the California and Federal MCLs, and remains within the respective historical ranges for monitor well MW-15 (Table 4). The concentrations of TCE detected in this well have been consistently below the California and Federal MCLs since June 2007.
 - o Concentrations of VOCs detected in monitor well MW-08 prior to March 2004 were generally near or below the drinking water MCLs for the respective compounds

- (H+A, 2004c). More recently, concentrations of 1,1-DCE and TCE detected in samples collected from monitor well MW-08 have exceeded their respective MCLs (Table 4). In June 2006, the detected concentrations of 1,1-DCE, 1,1-DCA, PCE, and 1,4-dioxane in groundwater samples collected from monitor well MW-08 represented historical high concentrations for this well (Figure 23). In March 2011, the VOCs cis-1,2-DCE and TCE were detected at historically high concentrations (10 ug/l and 230 ug/l, respectively) in the groundwater sample collected from monitor well MW-08. The concentrations of 1,1-DCE, cis-1,2-DCE, and TCE remain at or above California and/or Federal MCLs. 1,4-Dioxane was not detected in the groundwater sample collected from monitor well MW-08 in March 2011.
- o The VOCs previously detected at monitor well MW-30B, TCE, 1,1-DCE, and cis-1,2-DCE, are similar to the VOCs detected at monitor well MW-08. Most recently, in December 2010, 1,1-DCE, cis-1,2-DCE, and TCE were detected in groundwater samples collected from monitor well MW-30B at concentrations of 8.9 ug/l, 2.8 ug/l, and 49 ug/l, respectively. Both MW-08 and MW-30B are screened in Unit BC near the western portion of the Site. 1,4-Dioxane was not detected in the groundwater sample collected from monitor well MW-30B in December 2010. Samples were not collected from MW-30B in March 2011 due to a faulty sampling pump.

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TABLE 1
SUMMARY OF MARCH 2011 GROUNDWATER SAMPLING

WELL IDENTIFIER	HYDROGEOLOGIC UNIT	MARCH 2011 SAMPLING SCHEDULE
Perched Zone Piezometers		
P-07	Perched Zone	VOCs; 1,4-Dioxane
P-09	Perched Zone	VOCs; 1,4-Dioxane
Monitor and Extraction Wells		
MW-35A	Other ⁽¹⁾	VOCs; 1,4-Dioxane
MW-22	A	VOCs
MW-23	A	VOCs
MW-34A	A	VOCs; 1,4-Dioxane
MW-35B	A	VOCs; 1,4-Dioxane
MW-15	AB	VOCs
MW-26A	AB	VOCs
MW-26B	AB	VOCs
MW-32A	AB	VOCs; 1,4-Dioxane
EW-01	B	VOCs; 1,4-Dioxane
EW-02	B	VOCs; 1,4-Dioxane
MW-16	B	VOCs; 1,4-Dioxane
MW-26C	B	VOCs; 1,4-Dioxane
MW-27	B	VOC's; 1,4-Dioxane
MW-28	B	VOC's; 1,4-Dioxane
MW-29	B	VOCs; 1,4-Dioxane
MW-30A	B	VOCs; 1,4-Dioxane
MW-31	B	VOCs; 1,4-Dioxane
MW-32B	B	VOCs; 1,4-Dioxane
MW-33	B	VOCs; 1,4-Dioxane
MW-34B	B	VOCs; 1,4-Dioxane
MW-35C	B	VOCs; 1,4-Dioxane
MW-08	BC	VOCs; 1,4-Dioxane
MW-21	BC	VOCs; 1,4-Dioxane
MW-30B	BC	Not Sampled
MW-34C	BC	VOCs; 1,4-Dioxane
MW-09	C	VOCs; 1,4-Dioxane
MW-24	C	VOCs; 1,4-Dioxane
MW-32C	C	VOCs; 1,4-Dioxane

FOOTNOTES

(1) = The first relatively thick transmissive coarse zone above Unit A.

Wells in **BOLD** are sampled as part of the Groundwater Extraction and Remediation System monitoring.

VOCs = Volatile Organic Compounds

TABLE 2
WELL CONSTRUCTION SUMMARY

Well Identifier	Date Installed	Current Land Surface Elevation (feet msl)	Current Reference Point Elevation (feet msl)	Total Depth of Borehole (feet bls)	Perforated Interval (feet bls)	Screen Slot Size (inches)	Borehole Diameter (inches)	Casing Diameter (inches) (a)	Filter Pack Interval (feet bls)	Filter Pack Sand Size	Grout Filter/ Intermediate Seal Interval (feet bls) (b)	Annular Seal Interval (feet bls) (c)
<u>Regional Groundwater System Monitor Wells, Extraction Wells and Piezometers</u>												
MW-06	1/16/1997	185.0	184.70	190.9	149.6 - 189.6	0.010	8.5	2	145.4 - 190.9	#2/16	139.4 - 145.4 (d)	0 - 139.4
MW-08	1/22/1997	156.6	155.91	167.2	126.1 - 166.1	0.010	8.5	2	120.7 - 167.2	#2/16	115.7 - 120.7	0 - 115.7
MW-09	3/21/1997	180.5	180.10	194.2	152.2 - 192.2	0.010	8.5	2	146.2 - 194.2	#2/16	141.2 - 146.2	0 - 141.2
MW-13	4/16/1997	142.5	142.19	159.6	120.6 - 159.6	0.010	8.5	2	114.6 - 159.6	#2/16	109.6 - 114.6	0 - 109.6
MW-15	5/18/1998	145.5	144.92	174.7	120.8 - 170.8	0.010	8.5	2	115.8 - 174.8	#2/16	112.8 - 115.8	0 - 112.8
MW-16	11/20/1999	143.0	142.73	179.5	148.5 - 178.5	0.010	11.0	4	144.5 - 179.5	#2/16	134.5 - 144.5 (e)	0 - 134.5
MW-17	5/31/2000	142.8	142.66	203.7	173.1 - 193.1 (i)	0.020	10.0	4	159.7 - 193.1	#2/16	156.2 - 159.7	0 - 156.2
											193.1 - 203.7 (j)	
MW-18	5/24/2000	142.4	142.11	195.6	164.1 - 194.1	0.020	10.0	4	158.9 - 194.5	#2/16	154.2 - 158.9	0 - 154.2
MW-19	5/26/2000	142.7	142.72	205.5	184.9 - 204.9	0.020	10.0	4	177.0 - 205.3	#2/16	171.5 - 177.0	0 - 171.5
MW-20	6/26/2003	184.4	184.19	200.0	158.6 - 198.2	0.020	11.0	4 (f)	158.0 - 200.0	#2/12	151.0 - 158.0 (g)	0 - 151.1 (h)
MW-21	7/17/2003	143.3	141.18	238.3	212.1 - 232.1	0.010	8.0	4 (k)	205.0 - 234.5	#2/16	202.0 - 205.0	0 - 202.0 (h)
											234.5 - 238 (j)	
MW-22	8/13/2003	139.4	138.65	245.0	217.4 - 237.4	0.020	8.0	4 (l)	215.0 - 238.0	#2/12	208.0 - 215.0 (m)	0 - 208.0 (h)
MW-23	8/18/2003	137.8	137.33	235.6	215.2 - 235.2	0.020	8.0	4 (n)	209.4 - 235.6	#2/12	203.5 - 209.4 (m)	0 - 203.5 (h)
MW-24	9/15/2004	143.1	142.83	338.0	310.3 - 330.3	0.030	10.6	4 (o)	306 - 330	#3	301 - 306 (p)	0 - 301 (h)
MW-25	9/10/2004	143.0	142.64	805	449.4 - 479.8	0.010	8.5 (q)	2 (r)	429 - 485	#2/16	418 - 429	0 - 418 (h)
MW-26A (s)	10/1/2004	137.6	137.04	805	279 - 309	0.020	12.25 (q)	2 (t)	274 - 315	#2/12	266 - 274	0 - 266 (h)
MW-26B (s)	10/1/2004	137.6	137.05	805	339 - 379	0.020	12.25 (q)	2 (u)	334 - 387	#2/12	266 - 274	0 - 266 (h)
MW-26C (s)	10/1/2004	137.6	137.22	805	459 - 499	0.020	12.25 (q)	2 (v)	435 - 499	#2/12	387 - 435 (w)	0 - 266 (h)
MW-27	4/22/2008	137.6	137.16	550	475 - 505.2 (cc)	0.030	11.25 (q)	4 (z)	468 - 520	#3	457.5 - 468	0 - 457.5 (h)
MW-28	5/5/2008	141.4	140.77	425	335 - 375	0.040	12.25 (q)	4 (z)	325.4 - 377	#8	318 - 325.4	0 - 318 (h)
MW-29	8/15/2008	142.7	142.34	265.7	200 - 240	0.020	10.0 (aa)	4 (z)	185 - 246	#2/12	176 - 185	0 - 176 (h)
MW-30A(s)	11/26/2008	130.2	129.44	635 (j)	524-564	0.020	14.25	3 (y)	515.9-570.5	#2/12	495.5-515.9	0-495.5 (bb)
MW-30B(s)	11/26/2008	130.2	129.39	635 (j)	596-616	0.020	14.25	3 (y)	586.8-625	#2/12	586.8-570.5	0-495.5 (bb)
MW-31	10/2/2009	120.3	119.60	1,100 (jj)	946-996	0.020	13	6(kk)	922-1,006	#2/12	904-922	0-904
MW-32A(s)	12/10/2009	93.4	92.88	1,153 (gg)	890-905	0.020	18.5	4(dd)	880-910	#2/12	832-880	0-832
MW-32B(s)	12/10/2009	93.4	92.89	1,153 (gg)	969-999	0.020	18.5	4(dd)	960-1,004.5	#2/12	910-960	0-832
MW-32C(s)	12/10/2009	93.4	92.88	1,153 (gg)	1,070-1,090	0.020	18.5	4(dd)	1,054-1,100	#2/12	1,004.5-1,054	0-832
MW-33	7/2/2010	83.8	83.19	1,080 (hh)	980-1,020	0.020	11	4(dd)	970-1,025	#2/12	924-970	0-924 (ii)
MW-34A	2/3/2011	154.0	153.25	290	220 - 280	0.020	12.25	4(dd)	211 - 290	#2/12	175 - 211	0 - 175
MW-34B	2/1/2011	153.9	153.11	540	486 - 536	0.020	12.25	4(dd)	475 - 540	#2/12	449 - 475	0 - 449
MW-34C	1/19/2011	154.1	153.29	709 (ll)	556 - 576	0.020	12.25	4(dd)	551 - 582	#2/12	530 - 551	0 - 530
MW-35A	12/20/2010	94.3	93.57	1,101	420 - 470	0.020	18	4(dd)	401 - 482	#2/12	376 - 401	0 - 376
MW-35B	12/20/2010	94.3	93.56	1,101	745 - 805	0.020	18	4(dd)	725 - 816	#2/12	482 - 725	0 - 376
MW-35C	12/20/2010	94.3	93.55	1101 (ll)	990 - 1,040	0.020	12.25	4(dd)	980 - 1048	#2/12	816 - 980	0 - 376
EW-01	5/16/2005	143.3	141.07	195	138.1-188.1	0.020	7.6	4 (x)	134.1-195	#2/12	129-134.1 (m)	0-129 (h)
EW-02	10/20/2009	136.0	132.97	473 (ee)	410-460	0.030	17.0	8 (ff)	400-465	#3	384-400	0-384
<u>Perched Zone Piezometers</u>												
P-07	6/6/1997	142.7	142.31	116.8	107.7 - 117.7	0.010	8.5	2	104.7 - 117.7	#2/16	101.7 - 104.7	0 - 101.7
P-09	6/30/2003	184.3	183.86	130.0	109.6 - 129.6	0.010	11.0	4	114.0 - 130.0	#2/16	101.0 - 108.0 (g)	0 - 101.0 (h)

NOTE: Refer to page 2 of this table for footnotes.



TABLE 2

WELL CONSTRUCTION SUMMARY

FOOTNOTES

- ns = Not surveyed
- msl = Mean sea level, City of Fullerton datum
- bls = Below current land surface (October 2004)
- (a) = Schedule 40 polyvinylchloride screen and casing, unless otherwise indicated
- (b) = Medium bentonite chip seal, unless otherwise indicated
- (c) = Bentonite grout annular seal unless otherwise indicated, completed at surface with vault set in concrete
- (d) = No. 60 silica sand
- (e) = Includes 2.0 feet of No. 60 silica sand placed above filter pack
- (f) = Schedule 80 polyvinyl chloride screen and casing
- (g) = Includes 2.5 to 3.0 feet of No. 60 silica sand placed above bentonite chip seal
- (h) = Cement/bentonite grout, Type I/II Portland, <5% bentonite
- (i) = Well plug, approximately 0.5-foot length, set at bottom of perforated interval
- (j) = Bottom of borehole backfilled with bentonite chips
- (k) = Stainless steel wire wrap screen; Schedule 10 stainless steel casing 122.0 - 212.1 feet bls; Schedule 40 mild steel casing 0 - 122.0 feet bls
- (l) = Stainless steel wire wrap screen; Schedule 10 stainless steel casing 112.4 - 217.4 feet bls; Schedule 40 mild steel casing 0 - 112.4 feet bls
- (m) = 1/4-inch coated bentonite pellets
- (n) = Stainless steel wire wrap screen; Schedule 10 stainless steel casing 110.1 - 215.2 feet bls; Schedule 40 mild steel casing 0 - 110.1 feet bls
- (o) = Mild steel wire wrap screen and Schedule 40 mild steel well casing
- (p) = Includes 1 to 2 feet of #2/16 sand placed above bentonite chip seal
- (q) = Below filter pack, diameter of the original pilot borehole is 5 to 6.25 inches to total depth of boring. Lower borehole backfilled with cement/bentonite grout, Type I/II Portland, <5% bentonite
- (r) = Stainless steel wire wrap screen, Schedule 10 stainless steel casing 429.4 - 449.4 feet bls, Schedule 80 polyvinylchloride casing 429.0 - 429.4 feet bls, Schedule 40 mild steel casing 0 - 429.0 feet bls
- (s) = Nested wells MW-26A, MW-26B, MW-26C, and MW-32A, MW-32B, MW-32C are constructed with three separate well casings in a single borehole; nested well MW-30A and MW-30B is constructed with two separate casings in a single borehole.
- (t) = Stainless steel wire wrap screen; Schedule 10 stainless steel casing 259 - 279 feet bls and 0 - 19 feet bls; Schedule 40 mild steel casing 19 - 259 feet bls
- (u) = Stainless steel wire wrap screen; Schedule 10 stainless steel casing 319 - 339 feet bls; Schedule 40 mild steel casing 0 - 319 feet bls
- (v) = Stainless steel wire wrap screen; Schedule 10 stainless steel casing 439 - 459 feet bls; Schedule 40 mild steel casing 0 - 439 feet bls
- (w) = #8 granular bentonite with exception of heavy mud/formational caving filling annular interval from 417 to 428 feet bls
- (x) = Stainless steel wire wrap screen; Schedule 10 stainless steel casing 118.1-138.1 feet bls; Schedule 40 mild steel casing 0-118.1 feet bls
- (y) = Schedule 40 Stainless steel endcaps; Schedule 10 stainless steel casing; Stainless steel wire wrap screen
- (z) = Schedule 80 PVC blank and screen casing
- (aa) = Below filter pack, diameter of the original pilot borehole is 8 inches to total depth of boring. Lower borehole backfilled with cement/bentonite grout, Type I/II Portland, <5% bentonite
- (bb) = Neat cement
- (cc) = Depth of screen interval adjusted to account for loss at bottom of casing due to breakage in casing wall. Original casing (515 ft bls) was sealed at 505.2 ft bls
- (dd) = Schedule 40 Stainless steel endcaps; SCH 80 PVC casing; Stainless steel wire wrap screen
- (ee) = Pilot borehole drilled to a total depth of 493 feet bls and backfilled with 5% bentonite-cement grout seal to 465 feet bls
- (ff) = Schedule 40 Stainless steel endcaps; SCH 40 stainless steel casing; Stainless steel wire wrap screen; 2.5-foot stainless steel sump
- (gg) = Pilot borehole drilled to a total depth of 1,153 feet bls and backfilled with 5% bentonite-cement grout seal to 1,100 feet bls
- (hh) = Pilot borehole drilled to a total depth of 1,080 feet bls and backfilled with 5% bentonite-cement grout seal to 1,025 feet bls
- (ii) = Annular seal interval is composed of cement grout with ~5% bentonite from 720 to 924 feet bls and bentonite grout from near land surface to 720 feet bls
- (jj) = Pilot borehole drilled to a total depth of 1,100 feet bls and backfilled with 5% bentonite-cement grout seal to 1,006 feet bls
- (kk) = Schedule 40 Stainless steel endcaps; Schedule 40 stainless steel casing; Stainless steel wire wrap screen; 5-foot stainless steel sump
- (ll) = Bottom of borehole backfilled with ~5% bentonite-cement grout

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
Regional Groundwater System Monitor and Extraction Wells					
MW-06	01/27/97	174.27	144.62	29.65	
	02/18/97	174.27	142.26	32.01	
	02/26/97	174.27	141.97	32.30	
	03/06/97	174.27	141.52	32.75	
	03/12/97	174.27	141.24	33.03	
	03/28/97	174.27	140.90	33.37	
	05/19/97	174.27	142.85	31.42	
	10/16/97	174.27	158.05	16.22	
	05/13/98	174.27	143.00	31.27	
	05/27/98	174.27	143.49	30.78	
	06/11/98	174.27	144.43	29.84	
	07/14/98	174.27	147.46	26.81	
	11/11/98	174.27	155.60	18.67	
	11/18/98	174.27	154.82	19.45	SVE, DPE-H2O
	11/18/98	174.27	154.96	19.31	SVE, DPE-H2O
	11/19/98	174.27	154.82	19.45	SVE, DPE-H2O
	11/20/98	174.27	154.17	20.10	SVE, DPE, DPE-H2O
	11/23/98	174.27	154.43	19.84	SVE, DPE-H2O
	11/23/98	174.27	154.40	19.87	SVE, DPE-H2O
	11/24/98	174.27	154.44	19.83	SVE, DPE-H2O
	12/07/98	174.27	153.08	21.19	SVE, DPE-H2O
	12/10/98	174.27	152.56	21.71	SVE, DPE, DPE-H2O
	12/11/98	174.27	152.14	22.13	SVE, DPE, DPE-H2O
	12/14/98	174.27	151.82	22.45	SVE, DPE-H2O
	12/14/98	174.27	151.72	22.55	SVE, DPE-H2O
	12/16/98	174.27	151.73	22.54	SVE, DPE, DPE-H2O
	01/06/99	174.27	150.40	23.87	SVE, DPE, DPE-H2O
	01/20/99	174.27	149.92	24.35	
	01/25/99	174.27	149.58	24.69	DPE, DPE-H2O
	01/27/99	174.27	149.71	24.56	SVE, DPE, DPE-H2O
	02/01/99	174.27	149.37	24.90	DPE, DPE-H2O
	02/10/99	174.27	148.87	25.40	SVE, DPE, DPE-H2O
	02/23/99	174.27	148.30	25.97	
	03/01/99	174.27	148.33	25.94	DPE
	03/09/99	174.27	148.39	25.88	SVE, DPE, DPE-H2O
	03/10/99	174.27	148.35	25.92	SVE, DPE, DPE-H2O
	04/07/99	174.27	147.82	26.45	SVE, DPE-H2O
	04/23/99	174.27	147.00	27.27	SVE, DPE-H2O
	06/16/99	174.27	150.62	23.65	SVE, DPE-H2O
	06/25/99	174.27	151.91	22.36	SVE, DPE-H2O
	08/30/99	174.27	164.08	10.19	DPE-H2O
	09/27/99	174.27	166.78	7.49	
	11/02/99	174.27	169.28	4.99	
	12/06/99	174.27	158.87	15.40	
	02/07/00	174.27	164.21	10.06	
	03/08/00	174.27	160.82	13.45	
	05/08/01	174.23	155.05	19.18	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-06	06/26/01	174.23	161.99	12.24	
(Cont'd)	10/24/01	188.33	DRY	--	
	01/15/02	188.33	183.41	4.92	
	03/19/02	188.33	177.86	10.47	
	04/15/02	188.33	176.83	11.50	
	11/18/02	188.33	182.81	5.52	
	05/08/03	188.33	174.07	14.26	
	06/09/03	188.33	175.45	12.88	
	09/15/03	184.7	177.09	7.61	
	10/14/03	184.7	178.31	6.39	
	12/15/03	184.7	176.24	8.46	
	03/29/04	184.7	166.60	18.10	
	06/14/04	184.7	169.41	15.29	
	09/20/04	184.70	179.48	5.22	
	11/10/04	184.70	180.65	4.05	
	12/06/04	184.70	178.73	5.97	
	03/14/05	184.70	166.99	17.71	
	06/20/05	184.70	162.59	22.11	
	09/19/05	184.70	165.10	19.60	
	12/17/05	184.70	155.90	28.80	
	03/20/06	184.70	147.23	37.47	
	05/18/06	184.70	143.25	41.45	
	06/19/06	184.70	145.48	39.22	
	09/25/06	184.70	154.15	30.55	
	10/05/06	184.70	154.47	30.23	
	12/12/06	184.70	152.28	32.42	
	03/12/07	184.70	149.91	34.79	
	06/18/07	184.70	156.19	28.51	
	09/24/07	184.70	173.50	11.20	
	12/10/07	184.70	183.15	1.55	
	03/17/08	184.70	182.08	2.62	
	06/23/08	184.70	182.92	1.78	
	09/22/08	184.70	186.55	-1.85	
	12/15/08	184.70	188.45	-3.75	
	12/19/08	184.70	188.47	-3.77	
	03/16/09	184.70	187.58	-2.88	
	03/18/09	184.70	187.51	-2.81	
	06/22/09	184.70	186.43	-1.73	
	06/26/09	184.70	186.46	-1.76	
	08/31/09	184.70	187.31	-2.61	
	09/10/09	184.70	187.42	-2.72	
	12/07/09	184.70	187.82	-3.12	
	03/01/10	184.70	184.83	-0.13	
	03/22/10	184.70	182.35	2.35	
	06/07/10	184.70	178.27	6.43	
	09/07/10	184.70	180.20	4.50	
	12/06/10	184.70	178.75	5.95	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-06 (Cont'd)	03/24/11	184.70	UTM	--	
MW-08	01/27/97	169.53	150.66	18.87	
	02/18/97	169.53	149.78	19.75	
	02/26/97	169.53	149.60	19.93	
	03/06/97	169.53	149.62	19.91	
	03/12/97	169.53	149.55	19.98	
	03/28/97	169.53	149.46	20.07	
	05/19/97	169.53	149.33	20.20	
	05/13/98	169.53	149.54	19.99	
	05/27/98	169.53	149.40	20.13	
	06/11/98	169.53	149.30	20.23	
	08/30/99	169.53	155.13	14.40	DPE-H2O 3.4 inches water in vaccum
	12/06/99	169.53	159.36	10.17	
	02/07/00	169.53	159.68	9.85	
	03/08/00	169.53	159.23	10.30	
	05/09/01	164.79	157.50	7.29	
	06/26/01	164.79	157.79	7.00	
	10/24/01	164.79	161.80	2.99	
	01/15/02	164.79	162.42	2.37	
	03/19/02	164.79	161.09	3.70	
	04/15/02	158.04	153.98	4.06	
	11/18/02	158.04	156.47	1.57	
	01/17/03	158.04	152.46	5.58	
	05/08/03	158.04	149.90	8.14	
	06/09/03	158.04	150.27	7.77	
	09/15/03	NA	UTM	--	
	10/14/03	NA	UTM	--	
	12/15/03	155.91	150.19	5.72	
	03/29/04	155.91	145.40	10.51	
	06/14/04	155.91	143.68	12.23	
	09/20/04	155.91	145.45	10.46	
	10/19/04	155.91	145.74	10.17	
	11/10/04	155.91	146.04	9.87	
	12/06/04	155.91	145.71	10.20	
	03/14/05	155.91	142.32	13.59	
	06/20/05	155.91	139.61	16.30	
	09/19/05	155.91	139.77	16.14	
	12/17/05	155.91	135.10	20.81	
	03/20/06	155.91	127.02	28.89	
	05/18/06	155.91	121.53	34.38	
	06/19/06	155.91	121.31	34.60	
	09/25/06	155.91	124.38	31.53	
	10/05/06	155.91	124.56	31.35	
	12/12/06	155.91	123.83	32.08	
	03/12/07	155.91	127.24	28.67	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-08	06/18/07	155.91	132.36	23.55	
(Cont'd)	09/24/07	155.91	137.96	17.95	
	12/10/07	155.91	142.65	13.26	
	03/17/08	155.91	145.83	10.08	
	06/23/08	155.91	149.00	6.91	
	09/22/08	155.91	153.53	2.38	
	12/15/08	155.91	157.03	-1.12	
	12/19/08	155.91	157.39	-1.48	
	03/16/09	155.91	157.87	-1.96	
	03/18/09	155.91	157.92	-2.01	
	06/22/09	155.91	157.63	-1.72	
	06/26/09	155.91	157.70	-1.79	
	08/31/09	155.91	159.37	-3.46	
	09/10/09	155.91	159.45	-3.54	
	10/28/09	155.91	159.75	-3.84	
	10/30/09	155.91	159.73	-3.82	
	11/04/09	155.91	159.84	-3.93	
	12/07/09	155.91	159.17	-3.26	
	03/01/10	155.91	157.11	-1.20	
	06/07/10	155.91	152.97	2.94	
	09/07/10	155.91	151.91	4.00	
	12/06/10	155.91	152.22	3.69	
	03/24/11	155.91	146.19	9.72	
	03/25/11	155.91	145.55	10.36	
MW-09	03/25/97	166.42	137.58	28.84	
	03/28/97	166.42	137.34	29.08	
	05/19/97	166.42	138.31	28.11	
	05/13/98	166.42	139.18	27.24	
	05/27/98	166.42	139.57	26.85	
	06/11/98	166.42	140.03	26.39	
	07/14/98	166.42	142.56	23.86	
	11/11/98	166.42	150.98	15.44	
	11/18/98	166.42	150.72	15.70	SVE, DPE-H2O
	11/18/98	166.42	150.57	15.85	SVE, DPE-H2O
	11/19/98	166.42	150.63	15.79	SVE, DPE-H2O
	11/20/98	166.42	150.64	15.78	SVE, DPE, DPE-H2O
	11/23/98	166.42	150.47	15.95	SVE, DPE-H2O
	11/23/98	166.42	150.43	15.99	SVE, DPE-H2O
	11/24/98	166.42	150.45	15.97	SVE, DPE-H2O
	12/07/98	166.42	149.98	16.44	SVE, DPE-H2O
	12/10/98	166.42	149.67	16.75	SVE, DPE, DPE-H2O
	12/11/98	166.42	149.68	16.74	SVE, DPE, DPE-H2O
	12/14/98	166.42	149.18	17.24	SVE, DPE-H2O
	12/16/98	166.42	148.97	17.45	SVE, DPE, DPE-H2O
	01/06/99	166.42	147.76	18.66	SVE, DPE, DPE-H2O
	01/20/99	166.42	147.18	19.24	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-09	01/25/99	166.42	146.80	19.62	DPE, DPE-H2O
(Cont'd)	01/27/99	166.42	146.98	19.44	SVE, DPE, DPE-H2O
	02/01/99	166.42	146.85	19.57	SVE, DPE, DPE-H2O
	02/10/99	166.42	146.43	19.99	SVE, DPE, DPE-H2O
	02/23/99	166.42	145.78	20.64	
	03/01/99	166.42	145.68	20.74	DPE
	03/09/99	166.42	145.73	20.69	SVE, DPE, DPE-H2O
	03/10/99	166.42	145.70	20.72	SVE, DPE, DPE-H2O
	03/15/99	166.42	145.57	20.85	SVE, DPE, DPE-H2O
	04/07/99	166.42	145.35	21.07	SVE, DPE-H2O
	04/23/99	166.42	144.61	21.81	SVE, DPE-H2O
	06/16/99	166.42	147.11	19.31	SVE, DPE-H2O
	06/25/99	166.42	148.10	18.32	SVE, DPE-H2O
	08/30/99	166.42	156.90	9.52	DPE-H2O
	09/27/99	166.42	159.80	6.62	
	11/02/99	166.42	163.08	3.34	
	11/09/99	166.42	163.51	2.91	
	11/10/99	166.42	163.44	2.98	
	11/23/99	166.42	163.92	2.50	
	12/06/99	166.42	163.59	2.83	
	12/07/99	166.42	163.41	3.01	
	02/07/00	166.42	160.51	5.91	
	06/29/00	166.42	UTM	--	
	10/24/01	182.15	184.16	-2.01	
	01/15/02	182.15	182.12	0.03	
	03/19/02	182.15	177.57	4.58	
	04/15/02	182.15	176.29	5.86	
	11/18/02	182.28	181.80	0.48	
	01/17/03	182.28	174.44	7.84	
	05/08/03	182.28	172.56	9.72	
	06/09/03	182.28	173.57	8.71	
	09/15/03	182.28	178.03	4.25	
	9/24/2003	182.28	178.46	3.82	
	10/14/03	182.28	179.10	3.18	
	12/15/03	182.28	178.00	4.28	
	03/29/04	180.10	166.90	13.20	
	06/14/04	180.10	168.36	11.74	
	09/20/04	180.10	176.29	3.81	
	10/19/04	180.10	178.00	2.10	
	11/10/04	180.10	177.75	2.35	
	12/06/04	180.10	176.64	3.46	
	03/14/05	180.10	167.00	13.10	
	06/20/05	180.10	162.13	17.97	
	09/19/05	180.10	164.58	15.52	
	12/17/05	180.10	156.29	23.81	
	03/20/06	180.10	146.90	33.20	
	05/18/06	180.10	142.77	37.33	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-09	06/19/06	180.10	144.64	35.46	
(Cont'd)	09/25/06	180.10	151.96	28.14	
	10/05/06	180.10	152.33	27.77	
	12/19/06	180.10	150.40	29.70	
	03/12/07	180.10	148.81	31.29	
	06/18/07	180.10	UTM	--	
	09/24/07	180.10	171.33	8.77	
	12/10/07	180.10	179.73	0.37	
	03/17/08	180.10	180.71	-0.61	
	06/27/08	180.10	182.20	-2.10	
	09/22/08	180.10	187.53	-7.43	
	12/15/08	180.10	DRY	--	Dry @ 190.2 ft bls
	03/16/09	180.10	DRY	--	Dry @ 190.0 ft bls
	06/23/09	180.10	187.69	-7.59	
	08/31/09	180.10	189.34	-9.24	
	12/07/09	180.10	189.35	-9.25	
	03/02/10	180.10	186.09	-5.99	
	06/07/10	180.10	180.11	-0.01	
	09/07/10	180.10	180.51	-0.41	
	12/06/10	180.10	179.83	0.27	
	03/24/11	180.10	170.04	10.06	
MW-13	05/19/97	162.92	149.06	13.86	
	05/13/98	162.92	150.56	12.36	
	05/27/98	162.92	149.67	13.25	
	06/11/98	162.92	149.63	13.29	
	11/02/99	162.92	166.86	-3.94	
	11/09/99	162.92	167.25	-4.33	
	11/10/99	162.92	167.36	-4.44	
	11/23/99	162.92	167.92	-5.00	
	12/06/99	162.92	168.35	-5.43	
	12/07/99	162.92	168.38	-5.46	
	02/07/00	162.92	167.88	-4.96	
	06/21/00	162.55	164.42	-1.87	
	07/05/00	162.55	165.68	-3.13	
	01/16/01	142.51	151.58	-9.07	
	03/19/01	142.51	149.31	-6.80	
	03/26/01	142.51	148.72	-6.21	
	04/03/01	142.51	148.30	-5.79	
	04/10/01	142.51	148.00	-5.49	
	04/17/01	142.51	147.90	-5.39	
	04/26/01	142.51	147.50	-4.99	
	05/07/01	142.51	147.14	-4.63	
	06/26/01	142.51	147.61	-5.10	
	09/10/01	142.19	151.32	-9.13	
	10/22/01	142.19	153.62	-11.43	
	10/24/01	142.19	153.68	-11.49	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-13	01/15/02	142.19	153.78	-11.59	
(Cont'd)	01/15/02	142.19	153.76	-11.57	
	03/19/02	142.19	148.86	-6.67	
	04/15/02	142.19	148.29	-6.10	
	10/31/02	142.19	154.39	-12.20	
	10/31/02	142.19	154.38	-12.19	
	11/07/02	142.19	153.97	-11.78	
	11/07/02	142.19	153.95	-11.76	
	11/18/02	142.19	153.20	-11.01	
	01/17/03	142.19	142.13	0.06	
	05/08/03	142.19	138.90	3.29	
	06/09/03	142.19	140.81	1.38	
	09/15/03	142.19	146.63	-4.44	
	10/14/03	142.19	147.73	-5.54	
	12/02/03	142.19	145.21	-3.02	
	12/15/03	142.19	143.91	-1.72	
	03/29/04	142.19	132.94	9.25	
	06/14/04	142.19	132.76	9.43	
	09/20/04	142.19	138.99	3.20	
	10/19/04	142.19	140.31	1.88	
	11/10/04	142.19	138.99	2.13	
	12/06/04	142.19	139.08	3.11	
	03/14/05	142.19	127.95	14.24	
	06/20/05	142.19	129.49	12.70	
	09/19/05	142.19	132.44	9.75	
	12/17/05	142.19	116.10	26.09	
	03/20/06	142.19	112.58	29.61	
	06/19/06	142.19	108.37	33.82	
	09/25/06	142.19	115.66	26.53	
	12/12/06	142.19	112.59	29.60	
	03/12/07	142.19	117.07	25.12	
	06/18/07	142.19	126.05	16.14	
	09/24/07	142.19	137.98	4.21	
	12/10/07	142.19	146.51	-4.32	
	03/17/08	142.19	147.13	-4.94	
	06/23/08	142.19	149.38	-7.19	
	09/22/08	142.19	153.18	-10.99	
	12/15/08	142.19	156.91	-14.72	
	03/16/09	142.19	155.95	-13.76	
	06/22/09	142.19	152.05	-9.86	
	08/31/09	142.19	154.42	-12.23	
	12/07/09	142.19	153.32	-11.13	
	03/01/10	142.19	148.41	-6.22	
	06/07/10	142.19	141.51	0.68	
	09/07/10	142.19	142.67	-0.48	
	12/06/10	142.19	144.25	-2.06	
	03/24/11	142.19	132.38	9.81	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-15	05/27/98	159.20	153.83	5.37	
	06/11/98	159.20	153.16	6.04	
	11/09/99	159.20	165.47	-6.27	
	12/06/99	159.20	166.56	-7.36	
	02/07/00	159.20	167.68	-8.48	
	06/21/00	159.2	164.57	-5.37	
	07/05/00	159.2	164.94	-5.74	
	01/16/01	154.35	166.25	-11.90	
	03/19/01	154.35	165.42	-11.07	
	05/08/01	154.35	164.16	-9.81	
	06/26/01	154.35	164.09	-9.74	
	09/10/01	154.35	166.43	-12.08	
	10/24/01	154.35	168.27	-13.92	
	01/15/02	154.35	169.03	-14.68	
	03/19/02	154.35	167.33	-12.98	
	04/15/02	146.14	158.58	-12.44	
	11/18/02	146.14	160.67	-14.53	
	01/17/03	146.14	155.87	-9.73	
	05/08/03	NA	UTM	--	
	06/09/03	144.99	149.92	-4.93	
	09/15/03	144.99	152.72	-7.73	
	09/23/03	144.99	152.99	-8.00	
	10/14/03	144.99	153.64	-8.65	
	12/15/03	144.99	152.50	-7.51	
	03/29/04	144.99	146.10	-1.11	
	06/14/04	144.99	142.94	2.05	
	09/20/04	144.99	143.78	1.21	
	10/19/04	144.99	143.74	1.25	
	11/10/04	144.99	144.01	0.98	
	12/06/04	144.99	143.95	1.04	
	03/14/05	144.99	140.02	4.97	
	06/20/05	144.99	137.35	7.64	
	09/19/05	144.99	137.57	7.42	
	12/17/05	144.99	134.72	10.27	
	03/20/06	144.99	124.34	20.65	
	05/18/06	144.99	117.13	27.86	
	06/19/06	144.99	115.44	29.55	
	09/25/06	144.99	116.80	28.19	
	10/05/06	144.99	117.09	27.90	
	12/12/06	144.99	117.21	27.78	
	03/12/07	144.99	118.76	26.23	
	06/18/07	144.99	123.16	21.83	
	09/24/07	144.99	132.92	12.07	
	12/10/07	144.99	141.07	3.92	
	03/17/08	144.99	149.72	-4.73	
	06/23/08	144.99	154.59	-9.60	
	09/22/08	144.99	160.27	-15.28	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-15	12/15/08	144.92	164.12	-19.20	
(Cont'd)	12/19/08	144.92	164.61	-19.69	
	03/16/09	144.92	164.01	-19.09	
	03/18/09	144.92	165.33	-20.41	
	06/22/09	144.92	161.11	-16.19	
	06/26/09	144.92	161.17	-16.25	
	08/31/09	144.92	162.89	-17.97	
	09/10/09	144.92	163.05	-18.13	
	10/28/09	144.92	162.60	-17.68	
	10/30/09	144.92	162.66	-17.74	
	11/04/09	144.92	162.38	-17.46	
	12/07/09	144.92	161.33	-16.41	
	03/01/10	144.92	159.25	-14.33	
	06/07/10	144.92	154.43	-9.51	
	09/07/10	144.92	152.71	-7.79	
	12/06/10	144.92	153.09	-8.17	
	03/24/11	144.92	147.05	-2.13	
	03/25/11	144.92	146.74	-1.82	
MW-16	11/09/99	164.08	170.71	-6.63	
	11/09/99	164.08	170.84	-6.76	
	11/10/99	164.08	171.00	-6.92	
	11/10/99	164.08	174.01	-9.93	
	11/22/99	164.08	163.94	0.14	
	11/23/99	164.08	164.17	-0.09	
	12/06/99	164.08	164.36	-0.28	
	12/07/99	164.08	164.32	-0.24	
	12/07/99	164.08	172.50	-8.42	
	02/07/00	164.08	162.75	1.33	
	02/18/00	164.08	162.36	1.72	
	06/21/00	164.08	160.66	3.42	
	07/05/00	164.08	161.62	2.46	
	07/06/00	164.08	161.62	2.46	
	01/16/01	146.18	148.73	-2.55	
	03/19/01	146.18	146.47	-0.29	
	03/26/01	146.18	146.07	0.11	
	04/03/01	146.18	145.80	0.38	
	04/10/01	146.18	145.50	0.68	
	04/17/01	146.18	145.20	0.98	
	04/26/01	146.18	145.50	0.68	
	05/10/01	146.18	144.70	1.48	
	06/26/01	146.18	149.09	-2.91	
	10/24/01	146.26	151.72	-5.46	
	01/15/02	142.73	148.36	-5.63	
	03/19/02	142.73	145.53	-2.80	
	04/15/02	142.73	145.24	-2.51	
	10/31/02	142.73	149.95	-7.22	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-16	11/18/02	142.73	147.11	-4.38	
(Cont'd)	01/17/03	142.73	133.43	9.30	
	01/17/03	142.73	133.44	9.29	
	05/08/03	142.73	142.24	0.49	
	06/09/03	142.73	145.96	-3.23	
	09/15/03	142.73	150.25	-7.52	
	09/19/03	142.73	150.32	-7.59	
	09/24/03	142.73	150.37	-7.64	
	09/25/03	142.73	150.26	-7.53	
	10/14/03	142.73	149.51	-6.78	
	12/02/03	142.73	143.81	-1.08	
	12/03/03	142.73	143.52	-0.79	
	12/15/03	142.73	141.50	1.23	
	03/29/04	142.73	129.17	13.56	
	04/29/04	142.73	128.89	13.84	
	06/14/04	142.73	134.28	8.45	
	09/20/04	142.73	146.47	-3.74	
	10/19/04	142.73	146.25	-3.52	
	11/10/04	142.73	144.36	-1.63	
	12/06/04	142.73	141.31	1.42	
	03/14/05	142.73	127.49	15.24	
	06/20/05	142.73	132.93	9.80	
	07/13/05	142.73	130.66	12.07	
	09/19/05	142.73	140.08	2.65	
	09/21/05	142.73	140.27	2.46	
	12/17/05	142.73	119.28	23.45	
	03/20/06	142.73	112.82	29.91	
	06/19/06	142.73	108.54	34.19	
	09/25/06	142.73	118.38	24.35	
	10/05/06	142.73	118.60	24.13	
	12/11/06	142.73	116.26	26.47	
	03/12/07	142.73	122.91	19.82	
	06/18/07	142.73	133.17	9.56	
	09/24/07	142.73	153.25	-10.52	
	12/10/07	142.73	150.10	-7.37	
	12/20/07	142.73	150.49	-7.76	
	03/17/08	142.73	150.44	-7.71	
	06/23/08	142.73	152.46	-9.73	
	07/11/08	142.73	153.82	-11.09	
	07/14/08	142.73	153.73	-11.00	
	07/15/08	142.73	153.81	-11.08	
	07/30/08	142.73	155.17	-12.44	
	09/22/08	142.73	159.91	-17.18	
	10/22/08	142.73	162.00	-19.27	
	12/15/08	142.73	164.63	-21.90	
	12/19/08	142.73	164.07	-21.34	
	02/25/09	142.73	159.44	-16.71	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-16	03/16/09	142.73	159.56	-16.83	
(Cont'd)	03/18/09	142.73	160.35	-17.62	
	04/29/09	142.73	154.63	-11.90	
	04/29/09	142.73	154.68	-11.95	
	05/27/09	142.73	156.56	-13.83	
	06/22/09	142.73	157.90	-15.17	
	06/26/09	142.73	158.59	-15.86	
	08/31/09	142.73	160.61	-17.88	
	09/10/09	142.73	161.06	-18.33	
	10/23/09	142.73	158.83	-16.10	
	10/30/09	142.73	157.98	-15.25	
	11/04/09	142.73	157.58	-14.85	
	12/07/09	142.73	156.03	-13.30	
	01/19/10	142.73	154.70	-11.97	
	03/01/10	142.73	149.08	-6.35	
	06/07/10	142.73	144.31	-1.58	
	09/07/10	142.73	151.63	-8.90	
	12/06/10	142.73	150.27	-7.54	
	03/24/11	142.73	134.07	8.66	
MW-17	06/21/00	158.77	163.65	-4.88	
	07/05/00	158.77	166.30	-7.53	
	01/16/01	145.28	154.14	-8.86	
	03/19/01	145.28	148.20	-2.92	
	03/26/01	145.28	147.96	-2.68	
	04/03/01	145.28	148.00	-2.72	
	04/10/01	145.28	147.80	-2.52	
	04/17/01	145.28	147.70	-2.42	
	04/26/01	145.28	147.90	-2.62	
	05/08/01	145.28	148.34	-3.06	
	06/26/01	145.28	152.88	-7.60	
	09/10/01	142.49	159.11	-16.62	
	10/22/01	142.49	162.45	-19.96	
	10/24/01	142.49	162.52	-20.03	
	01/15/02	142.49	150.30	-7.81	
	03/19/02	142.49	146.31	-3.82	
	04/15/02	142.49	146.92	-4.43	
	11/18/02	142.49	145.21	-2.72	
	05/08/03	142.49	142.77	-0.28	
	06/09/03	142.49	146.12	-3.63	
	09/15/03	142.66	151.61	-8.95	
	10/14/03	142.66	152.31	-9.65	
	12/02/03	142.66	141.10	1.56	
	12/15/03	142.66	138.77	3.89	
	03/29/04	142.66	128.10	14.56	
	06/14/04	142.66	135.02	7.64	
	09/20/04	142.66	145.34	-2.68	



TABLE 3

GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-17	10/19/04	142.66	144.94	-2.28	
(Cont'd)	11/10/04	142.66	142.71	-0.05	
	12/06/04	142.66	138.67	3.99	
	03/14/05	142.66	125.49	17.17	
	06/20/05	142.66	132.60	10.06	
	09/19/05	142.66	137.49	5.17	
	12/17/05	142.66	116.68	25.98	
	03/20/06	142.66	113.20	29.46	
	06/19/06	142.66	108.97	33.69	
	09/25/06	142.66	116.20	26.46	
	12/12/06	142.66	113.17	29.49	
	03/12/07	142.66	117.46	25.20	
	06/18/07	142.66	129.43	13.23	
	09/24/07	142.66	149.29	-6.63	
	12/10/07	142.66	154.89	-12.23	
	03/17/08	142.66	149.19	-6.53	
	06/23/08	142.66	154.35	-11.69	
	09/22/08	142.66	162.79	-20.13	
	12/15/08	142.66	162.89	-20.23	
	03/16/09	142.66	151.39	-8.73	
	06/22/09	142.66	152.09	-9.43	
	08/31/09	142.66	156.35	-13.69	
	12/07/09	142.66	150.10	-7.44	
	03/01/10	142.66	145.46	-2.80	
	06/07/10	142.66	139.06	3.60	
	09/08/10	142.66	145.75	-3.09	
	12/06/10	142.66	143.89	-1.23	
	03/24/11	142.66	128.87	13.79	
MW-18	06/15/00	161.51	166.05	-4.54	
	06/21/00	161.51	167.18	-5.67	
	07/05/00	161.51	169.55	-8.04	
	01/16/01	144.03	153.83	-9.80	
	03/19/01	144.03	147.97	-3.94	
	03/26/01	144.03	147.72	-3.69	
	04/03/01	144.03	147.70	-3.67	
	04/10/01	144.03	147.40	-3.37	
	04/17/01	144.03	147.30	-3.27	
	04/26/01	144.03	147.60	-3.57	
	05/07/01	144.03	148.07	-4.04	
	06/26/01	144.03	152.56	-8.53	
	09/10/01	142.11	159.63	-17.52	
	10/22/01	142.11	162.83	-20.72	
	10/24/01	142.11	162.88	-20.77	
	01/15/02	142.11	150.89	-8.78	
	01/15/02	142.11	150.84	-8.73	
	03/19/02	142.11	146.87	-4.76	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-18	04/15/02	142.11	147.46	-5.35	
(Cont'd)	10/31/02	142.11	151.28	-9.17	
	10/31/02	142.11	151.24	-9.13	
	11/07/02	142.11	149.20	-7.09	
	11/07/02	142.11	149.17	-7.06	
	11/18/02	142.11	145.66	-3.55	
	01/17/03	142.11	131.07	11.04	
	05/08/03	142.11	143.19	-1.08	
	06/09/03	142.11	146.59	-4.48	
	09/15/03	142.11	151.93	-9.82	
	10/14/03	142.11	152.61	-10.50	
	12/02/03	142.11	141.26	0.85	
	12/03/03	142.11	141.04	1.07	
	12/15/03	142.11	138.95	3.16	
	03/29/04	142.11	128.16	13.95	
	04/29/04	142.11	128.60	13.51	
	06/14/04	142.11	135.03	7.08	
	09/20/04	142.11	145.41	-3.30	
	10/19/04	142.11	145.00	-2.89	
	11/10/04	142.11	142.82	-0.71	
	12/06/04	142.11	138.22	3.89	
	03/14/05	142.11	125.47	16.64	
	06/20/05	142.11	131.58	10.53	
	07/13/05	142.11	128.64	13.47	
	09/19/05	142.11	137.61	4.50	
	09/21/05	142.11	137.79	4.32	
	12/17/05	142.11	116.61	25.50	
	03/20/06	142.11	112.95	29.16	
	05/18/06	142.11	106.02	36.09	
	06/19/06	142.11	108.73	33.38	
	09/25/06	142.11	116.04	26.07	
	12/12/06	142.11	112.97	29.14	
	03/12/07	142.11	117.39	24.72	
	06/18/07	142.11	129.43	12.68	
	09/24/07	142.11	149.48	-7.37	
	12/10/07	142.11	155.01	-12.90	
	03/17/08	142.11	149.46	-7.35	
	06/23/08	142.11	154.58	-12.47	
	09/22/08	142.11	162.96	-20.85	
	12/15/08	142.11	163.14	-21.03	
	03/16/09	142.11	151.76	-9.65	
	06/22/09	142.11	152.37	-10.26	
	08/31/09	142.11	156.67	-14.56	
	12/07/09	142.11	150.40	-8.29	
	03/01/10	142.11	145.68	-3.57	
	06/07/10	142.11	139.22	2.89	
	09/07/10	142.11	145.91	-3.80	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-18	12/06/10	142.11	144.09	-1.98	
(Cont'd)	03/24/11	142.11	128.91	13.20	
MW-19	06/14/00	156.43	160.16	-3.73	
	06/21/00	156.43	161.53	-5.10	
	07/05/00	156.43	164.21	-7.78	
	01/16/01	145.28	UTM	--	
	03/19/01	145.28	UTM	--	
	05/08/01	145.28	148.50	-3.22	
	06/26/01	145.28	153.11	-7.83	
	09/10/01	142.55	159.50	-16.95	
	10/22/01	142.55	162.99	-20.44	
	10/24/01	142.55	162.98	-20.43	
	01/15/02	142.55	150.68	-8.13	
	03/19/02	142.55	146.60	-4.05	
	04/15/02	142.55	147.21	-4.66	
	11/18/02	142.55	145.68	-3.13	
	05/08/03	142.55	143.03	-0.48	
	06/09/03	142.55	146.39	-3.84	
	09/15/03	142.55	151.75	-9.20	
	09/19/03	142.55	151.85	-9.30	
	10/14/03	142.55	152.45	-9.90	
	12/02/03	142.55	141.40	1.15	
	12/15/03	142.72	139.07	3.65	
	03/29/04	142.72	128.10	14.62	
	06/14/04	142.72	135.09	7.63	
	09/20/04	142.72	145.55	-2.83	
	10/19/04	142.72	145.20	-2.48	
	11/10/04	142.72	142.94	-0.22	
	12/06/04	142.72	138.87	3.85	
	03/14/05	142.72	125.50	17.22	
	06/20/05	142.72	131.63	11.09	
	09/19/05	142.72	137.49	5.23	
	12/17/05	142.72	116.59	26.13	
	03/20/06	142.72	112.71	30.01	
	06/19/06	142.72	108.71	34.01	
	09/25/06	142.72	116.10	26.62	
	12/12/06	142.72	113.00	29.72	
	03/12/07	142.72	117.20	25.52	
	06/18/07	142.72	129.32	13.40	
	09/24/07	142.72	149.46	-6.74	
	12/10/07	142.72	155.15	-12.43	
	03/17/08	142.72	149.35	-6.63	
	06/23/08	142.72	154.47	-11.75	
	09/22/08	142.72	163.03	-20.31	
	12/15/08	142.72	163.18	-20.46	
	03/16/09	142.72	151.68	-8.96	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-19	06/22/09	142.72	152.41	-9.69	
(Cont'd)	08/31/09	142.72	156.69	-13.97	
	12/07/09	142.72	150.42	-7.70	
	03/01/10	142.72	145.73	-3.01	
	06/07/10	142.72	139.20	3.52	
	09/08/10	142.72	145.97	-3.25	
	12/06/10	142.72	144.11	-1.39	
	03/24/11	142.72	128.79	13.93	
MW-20	06/30/04	184.19	168.22	15.97	
	09/15/03	184.19	171.58	12.61	
	09/23/03	184.19	171.95	12.24	
	10/08/03	184.19	172.43	11.76	
	10/14/03	184.19	172.83	11.36	
	12/15/03	184.19	172.34	11.85	
	03/29/04	184.19	163.81	20.38	
	06/14/04	184.19	165.21	18.98	
	09/20/04	184.19	174.15	10.04	
	11/10/04	184.19	176.60	7.59	
	12/06/04	184.19	175.49	8.70	
	03/14/05	184.19	165.05	19.14	
	06/20/05	184.19	158.60	25.59	
	09/19/05	184.19	160.38	23.81	
	12/17/05	184.19	153.77	30.42	
	03/20/06	184.19	144.52	39.67	
	06/19/06	184.19	142.00	42.19	
	09/25/06	184.19	149.33	34.86	
	12/12/06	184.19	148.77	35.42	
	03/12/07	184.19	146.04	38.15	
	06/18/07	184.19	150.00	34.19	
	09/24/07	184.19	166.46	17.73	
	12/10/07	184.19	176.76	7.43	
	03/17/08	184.19	177.00	7.19	
	06/23/08	184.19	176.53	7.66	
	09/22/08	184.19	182.60	1.59	
	12/15/08	184.19	185.69	-1.50	
	03/16/09	184.19	184.62	-0.43	
	06/22/09	184.19	182.07	2.12	
	08/31/09	184.19	183.50	0.69	
	12/07/09	184.19	184.31	-0.12	
	03/01/10	184.19	180.87	3.32	
	06/07/10	184.19	174.32	9.87	
	09/07/10	184.19	175.17	9.02	
	12/06/10	184.19	174.53	9.66	
	03/24/11	184.19	165.49	18.70	
MW-21	09/15/03	142.68	146.34	-3.66	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-21	09/19/03	142.68	146.53	-3.85	
(Cont'd)	09/23/03	142.68	146.75	-4.07	
	09/25/03	142.68	147.05	-4.37	
	10/08/03	142.68	147.31	-4.63	
	10/14/03	142.68	147.72	-5.04	
	12/02/03	142.68	142.95	-0.27	
	12/03/03	142.68	142.65	0.03	
	12/15/03	142.68	141.34	1.34	
	03/29/04	142.68	130.83	11.85	
	04/29/04	142.68	129.48	13.20	
	06/14/04	142.68	131.21	11.47	
	09/20/04	142.68	138.15	4.53	
	10/19/04	142.68	138.75	3.93	
	11/10/04	142.68	138.82	3.86	
	12/06/04	142.68	137.64	5.04	
	03/14/05	142.68	128.64	14.04	
	06/20/05	142.68	127.83	14.85	
	07/13/05	142.68	126.82	15.86	
	09/19/05	142.68	131.31	11.37	
	09/21/05	142.68	131.51	11.17	
	12/17/05	142.68	120.26	22.42	
	03/20/06	142.68	113.24	29.44	
	06/19/06	142.68	107.60	35.08	
	09/25/06	142.68	111.36	31.32	
	10/05/06	142.68	111.45	31.23	
	12/11/06	142.68	110.57	32.11	
	03/12/07	142.68	114.18	28.50	
	06/18/07	142.68	120.04	22.64	
	09/24/07	142.68	135.85	6.83	
	12/10/07	142.68	146.37	-3.69	
	01/21/08	140.30	148.51	-8.2	
	03/17/08	140.30	146.90	-6.6	
	05/27/08	141.23	148.71	-7.48	
	06/23/08	141.23	150.40	-9.17	
	07/09/08	141.18	160.02	-18.84	Pilot GETS
	07/11/08	141.18	153.31	-12.13	
	07/14/08	141.18	152.84	-11.66	
	07/15/08	141.18	161.98	-20.8	Pilot GETS
	07/30/08	141.18	162.93	-21.75	Pilot GETS
	08/14/08	141.18	165.94	-24.76	Pilot GETS
	08/25/08	141.18	167.47	-26.29	Pilot GETS
	09/22/08	141.18	170.65	-29.47	Pilot GETS
	10/22/08	141.18	172.35	-31.17	
	12/15/08	141.18	168.21	-27.03	
	12/19/08	141.18	166.50	-25.32	
	01/07/09	141.18	161.36	-20.18	
	02/25/09	141.18	165.74	-24.56	Pilot GETS

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-21	03/16/09	141.18	166.33	-25.15	Pilot GETS
(Cont'd)	03/18/09	141.18	164.52	-23.34	Pilot GETS
	04/29/09	141.18	156.91	-15.73	
	04/29/09	141.18	162.95	-21.77	Pilot GETS
	05/27/09	141.18	162.71	-21.53	Pilot GETS
	06/22/09	141.18	163.25	-22.07	Pilot GETS
	06/26/09	141.18	163.49	-22.31	Pilot GETS
	06/29/09	141.18	163.93	-22.75	Pilot GETS
	07/22/09	141.18	166.47	-25.29	Pilot GETS
	08/14/09	141.18	170.24	-29.06	Pilot GETS
	08/31/09	141.18	166.80	-25.62	Pilot GETS
	09/10/09	141.18	168.29	-27.11	Pilot GETS
	09/11/09	141.18	167.13	-25.95	Pilot GETS
	10/08/09	141.18	166.65	-25.47	Pilot GETS
	10/23/09	141.18	155.98	-14.80	Pilot GETS
	10/30/09	141.18	154.90	-13.72	
	11/04/09	141.18	154.08	-12.90	
	12/07/09	141.18	150.92	-9.74	
	12/09/09	141.18	155.00	-13.82	
	03/01/10	141.18	144.78	-3.60	
	06/07/10	141.18	137.88	3.30	
	09/07/10	141.18	139.87	1.31	
	12/06/10	141.18	141.05	0.13	
	03/24/11	141.18	129.59	11.59	
MW-22	09/15/03	138.65	147.40	-8.75	
	09/15/03	138.65	148.23	-9.58	
	09/19/03	138.65	147.65	-9.00	
	09/23/03	138.65	147.77	-9.12	
	09/25/03	138.65	147.92	-9.27	
	10/08/03	138.65	148.08	-9.43	
	10/14/03	138.65	148.24	-9.59	
	12/02/03	138.65	136.80	1.85	
	12/03/03	138.65	136.56	2.09	
	12/15/03	138.65	134.47	4.18	
	03/29/04	138.65	123.84	14.81	
	04/29/04	138.65	124.38	14.27	
	06/14/04	138.65	130.80	7.85	
	09/20/04	138.65	141.03	-2.38	
	10/19/04	138.65	140.81	-2.16	
	11/10/04	138.65	138.43	0.22	
	12/06/04	138.65	134.38	4.27	
	03/14/05	138.65	121.17	17.48	
	06/20/05	138.65	127.33	11.32	
	07/13/05	138.65	124.37	14.28	
	09/19/05	138.65	133.55	5.10	
	09/21/05	138.65	133.66	4.99	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-22	12/17/05	138.65	112.37	26.28	
(Cont'd)	03/20/06	138.65	109.01	29.64	
	06/19/06	138.65	104.82	33.83	
	09/25/06	138.65	112.02	26.63	
	12/12/06	138.65	108.93	29.72	
	03/12/07	138.65	113.44	25.21	
	06/18/07	138.65	125.49	13.16	
	09/24/07	138.65	145.19	-6.54	
	12/10/07	138.65	150.68	-12.03	
	12/20/07	138.65	150.54	-11.89	
	01/21/08	138.65	148.35	-9.70	
	03/17/08	138.65	145.11	-6.46	
	04/21/08	138.65	145.53	-6.88	
	05/27/06	138.65	148.00	-9.35	
	06/23/08	138.65	150.29	-11.64	
	09/22/08	138.65	158.69	-20.04	
	12/15/08	138.65	158.75	-20.10	
	03/16/09	138.65	147.07	-8.42	
	06/22/09	138.65	147.84	-9.19	
	08/31/09	138.65	152.10	-13.45	
	12/07/09	138.65	145.84	-7.19	
	03/01/10	138.65	141.12	-2.47	
	06/07/10	138.65	134.83	3.82	
	09/07/10	138.65	141.49	-2.84	
	12/06/10	138.65	139.63	-0.98	
	03/25/11	138.65	124.60	14.05	
MW-23	09/15/03	137.16	147.30	-10.14	
	09/19/03	137.33	147.75	-10.42	
	09/23/03	137.33	147.75	-10.42	
	09/25/03	137.33	147.87	-10.54	
	10/08/03	137.33	148.09	-10.76	
	10/14/03	137.33	148.21	-10.88	
	12/02/03	137.33	136.17	1.16	
	12/15/03	137.33	133.83	3.50	
	03/29/04	137.33	123.30	14.03	
	04/29/04	137.33	123.77	13.56	
	06/14/04	137.33	130.20	7.13	
	09/20/04	137.33	140.19	-2.86	
	10/19/04	137.33	UTM	--	
	11/10/04	137.33	137.76	-0.43	
	12/06/04	137.33	133.56	3.77	
	03/14/05	137.33	120.52	16.81	
	06/20/05	137.33	127.18	10.15	
	07/13/05	137.33	123.89	13.44	
	09/19/05	137.33	133.50	3.83	
	09/21/05	137.33	133.67	3.66	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-23	12/17/05	137.33	111.74	25.59	
(Cont'd)	03/20/06	137.33	108.90	28.43	
	05/18/06	137.33	101.55	35.78	
	06/19/06	137.33	104.32	33.01	
	09/25/06	137.33	111.42	25.91	
	12/12/06	137.33	108.30	29.03	
	03/12/07	137.33	113.48	23.85	
	06/18/07	137.33	125.48	11.85	
	09/24/07	137.33	144.94	-7.61	
	12/10/07	137.33	150.40	-13.07	
	12/20/07	137.33	150.23	-12.90	
	03/17/08	137.33	145.00	-7.67	
	04/21/08	137.33	145.50	-8.17	
	06/23/08	137.33	150.33	-13.00	
	08/26/08	137.33	166.71	-29.38	
	09/22/08	137.33	158.58	-21.25	
	12/15/08	137.33	158.48	-21.15	
	03/16/09	137.33	146.43	-9.10	
	06/23/09	137.33	147.50	-10.17	
	08/31/09	137.33	151.58	-14.25	
	10/23/09	137.33	148.44	-11.11	
	10/30/09	137.33	147.82	-10.49	
	11/04/09	137.33	147.40	-10.07	
	12/07/09	137.33	145.18	-7.85	
	03/01/10	137.33	140.52	-3.19	
	06/07/10	137.33	134.30	3.03	
	09/07/10	137.33	140.90	-3.57	
	12/06/10	137.33	139.15	-1.82	
	03/15/11	137.33	123.40	13.93	
	03/24/11	137.33	124.57	12.76	
MW-24	09/23/04	142.83	139.35	3.48	
	10/19/04	142.83	141.09	1.74	
	11/10/04	142.83	140.60	2.23	
	12/06/04	142.83	139.34	3.49	
	03/14/05	142.83	129.12	13.71	
	06/20/05	142.83	124.62	18.21	
	07/13/05	142.83	124.60	18.23	
	09/19/05	142.83	127.51	15.32	
	09/21/05	142.83	127.60	15.23	
	12/17/05	142.83	118.37	24.46	
	03/20/06	142.83	109.25	33.58	
	06/19/06	142.83	107.30	35.53	
	09/25/06	142.83	115.04	27.79	
	10/05/06	142.83	115.35	27.48	
	12/11/06	142.83	113.61	29.22	
	03/12/07	142.83	111.60	31.23	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-24	06/18/07	142.83	118.08	24.75	
(Cont'd)	09/24/07	142.83	135.15	7.68	
	12/10/07	142.83	143.49	-0.66	
	03/17/08	142.83	143.70	-0.87	
	06/23/08	142.83	145.17	-2.34	
	07/11/08	142.83	146.50	-3.67	
	07/14/08	142.83	146.72	-3.89	
	07/15/08	142.83	146.84	-4.01	
	09/22/08	142.83	151.29	-8.46	
	10/22/08	142.83	152.72	-9.89	
	12/15/08	142.83	154.29	-11.46	
	12/19/08	142.83	154.81	-11.98	
	02/25/09	142.83	153.94	-11.11	
	03/16/09	142.83	152.94	-10.11	
	03/18/09	142.83	152.55	-9.72	
	05/27/09	142.83	150.38	-7.55	
	06/22/09	142.83	150.37	-7.54	
	06/26/09	142.83	150.42	-7.59	
	08/31/09	142.83	152.31	-9.48	
	09/10/09	142.83	152.59	-9.76	
	12/07/09	142.83	152.04	-9.21	
	02/10/10	142.83	149.58	-6.75	
	02/12/10	142.83	149.53	-6.70	
	03/01/10	142.83	148.54	-5.71	
	06/07/10	142.83	142.40	0.43	
	09/07/10	142.83	143.41	-0.58	
	12/06/10	142.83	142.45	0.38	
	03/24/11	142.83	132.13	10.70	
MW-25	09/20/04	142.64	152.87	-10.23	
	10/19/04	142.64	145.96	-3.32	
	11/10/04	142.64	143.60	-0.96	
	12/06/04	142.64	140.84	1.80	
	03/14/05	142.64	129.79	12.85	
	06/20/05	142.64	125.06	17.58	
	07/13/05	142.64	122.98	19.66	
	09/19/05	142.64	126.64	16.00	
	09/21/05	142.64	127.57	15.07	
	12/17/05	142.64	115.32	27.32	
	03/20/06	142.64	107.47	35.17	
	06/19/06	142.64	106.28	36.36	
	09/25/06	142.64	114.63	28.01	
	10/05/06	142.64	117.63	25.01	
	12/12/06	142.64	113.90	28.74	
	03/12/07	142.64	111.03	31.61	
	06/18/07	142.64	118.13	24.51	
	09/24/07	142.64	137.17	5.47	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-25	12/10/07	142.64	148.21	-5.57	
(Cont'd)	12/20/07	142.64	151.34	-8.70	
	03/17/08	142.64	146.31	-3.67	
	06/23/08	142.64	147.94	-5.30	
	09/22/08	142.64	157.18	-14.54	
	10/22/08	142.64	158.43	-15.79	
	12/15/08	142.64	158.84	-16.20	
	12/19/08	142.64	158.79	-16.15	
	02/25/09	142.64	155.58	-12.94	
	03/16/09	142.64	153.43	-10.79	
	03/18/09	142.64	154.82	-12.18	
	05/27/09	142.64	150.45	-7.81	
	06/22/09	142.64	150.68	-8.04	
	06/26/09	142.64	151.00	-8.36	
	08/31/09	142.64	154.61	-11.97	
	09/10/09	142.64	154.66	-12.02	
	12/07/09	142.64	153.57	-10.93	
	03/01/10	142.64	146.59	-3.95	
	06/07/10	142.64	140.30	2.34	
	09/07/10	142.64	144.61	-1.97	
	12/06/10	142.64	141.89	0.75	
	03/24/11	142.64	125.44	17.20	
MW-26A	10/19/04	137.30	135.45	1.85	
	11/10/04	137.30	135.59	1.71	
	12/06/04	137.30	135.06	2.24	
	03/14/05	137.30	127.74	9.56	
	06/20/05	137.30	125.41	11.89	
	07/13/05	137.30	125.00	12.30	
	09/19/05	137.30	127.22	10.08	
	09/21/05	137.30	127.31	9.99	
	12/17/05	137.30	121.44	15.86	
	03/20/06	137.30	112.18	25.12	
	05/18/06	137.30	107.48	29.82	
	06/19/06	137.30	106.50	30.80	
	09/25/06	137.30	108.81	28.49	
	12/12/06	137.30	108.94	28.36	
	03/12/07	137.30	110.51	26.79	
	06/18/07	137.30	115.63	21.67	
	09/24/07	137.30	129.55	7.75	
	12/10/07	137.30	138.57	-1.27	
	12/20/07	137.30	139.55	-2.25	
	12/20/07	137.30	139.52	-2.22	
	01/21/08	137.30	141.21	-3.91	
	03/17/08	137.30	142.09	-4.79	
	04/21/08	137.30	142.34	-5.04	
	05/27/08	137.04	142.91	-5.87	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-26A	06/23/08	137.04	144.94	-7.90	
(Cont'd)	08/26/08	137.04	147.75	-10.71	
	09/22/08	137.04	149.54	-12.50	
	12/15/08	137.04	153.18	-16.14	
	03/16/09	137.04	151.38	-14.34	
	06/22/09	137.04	147.67	-10.63	
	08/31/09	137.04	150.21	-13.17	
	10/13/09	137.04	150.44	-13.40	
	10/30/09	137.04	149.92	-12.88	
	12/07/09	137.04	148.20	-11.16	
	03/01/10	137.04	145.68	-8.64	
	03/22/10	137.04	144.06	-7.02	
	06/07/10	137.04	139.28	-2.24	
	09/07/10	137.04	139.18	-2.14	
	12/06/10	137.04	140.17	-3.13	
	03/24/11	137.04	130.88	6.16	
MW-26B	10/19/04	137.20	136.23	0.97	
	11/10/04	137.20	136.16	1.04	
	12/06/04	137.20	136.02	1.18	
	03/14/05	137.20	131.73	5.47	
	06/20/05	137.20	129.29	7.91	
	07/13/05	137.20	129.00	8.20	
	09/19/05	137.20	129.99	7.21	
	09/21/05	137.20	130.07	7.13	
	12/17/05	137.20	126.53	10.67	
	03/20/06	137.20	118.22	18.98	
	06/19/06	137.20	110.17	27.03	
	09/25/06	137.20	110.84	26.36	
	10/05/06	137.20	111.20	26.00	
	12/12/06	137.20	111.31	25.89	
	03/12/07	137.20	113.61	23.59	
	06/18/07	137.20	117.50	19.70	
	09/24/07	137.20	127.68	9.52	
	12/10/07	137.20	135.82	1.38	
	12/20/07	137.20	136.85	0.35	
	12/20/07	137.20	136.78	0.42	
	01/21/08	137.20	139.21	-2.01	
	03/17/08	137.20	142.10	-4.90	
	05/27/08	137.05	144.96	-7.91	
	06/23/08	137.05	146.29	-9.24	
	08/26/08	137.05	150.28	-13.23	
	09/22/08	137.05	151.94	-14.89	
	12/15/08	137.05	155.64	-18.59	
	12/19/08	137.05	156.13	-19.08	
	03/16/09	137.05	155.53	-18.48	
	03/18/09	137.05	155.16	-18.11	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-26B	06/22/09	137.05	152.80	-15.75	
(Cont'd)	08/31/09	137.05	154.60	-17.55	
	09/10/09	137.05	154.60	-17.55	
	10/13/09	137.05	154.75	-17.70	
	10/14/09	137.05	154.80	-17.75	
	10/30/09	137.05	154.41	-17.36	
	12/07/09	137.05	153.17	-16.12	
	02/10/10	137.05	151.63	-14.58	
	03/01/10	137.05	151.04	-13.99	
	06/07/10	137.05	146.22	-9.17	
	09/07/10	137.05	144.57	-7.52	
	12/06/10	137.05	144.78	-7.73	
	03/24/11	137.05	138.67	-1.62	
MW-26C	10/19/04	137.28	141.81	-4.53	
	11/10/04	137.28	139.83	-2.55	
	12/06/04	137.28	135.90	1.38	
	03/14/05	137.28	121.75	15.53	
	06/20/05	137.28	128.11	9.17	
	07/13/05	137.28	125.75	11.53	
	09/19/05	137.28	137.35	-0.07	
	09/21/05	137.28	137.45	-0.17	
	12/17/05	137.28	112.48	24.80	
	03/20/06	137.28	109.21	28.07	
	06/19/06	137.28	104.32	32.96	
	09/25/06	137.28	113.96	23.32	
	10/05/06	137.28	114.08	23.20	
	12/12/06	137.28	111.13	26.15	
	03/12/07	137.28	119.52	17.76	
	06/18/07	137.28	130.71	6.57	
	09/24/07	137.28	153.19	-15.91	
	12/10/07	137.28	160.43	-23.15	
	12/20/07	137.28	160.88	-23.60	
	01/21/08	137.28	157.99	-20.71	
	02/21/08	137.28	155.52	-18.24	
	03/17/08	137.28	154.73	-17.45	
	04/21/08	137.28	155.21	-17.93	
	05/27/08	137.06	158.25	-21.19	
	06/10/08	137.06	159.70	-22.64	
	06/23/08	137.06	161.15	-24.09	
	07/16/08	137.06	164.52	-27.46	
	08/26/08	137.06	169.10	-32.04	
	09/22/08	137.06	170.89	-33.83	
	10/22/08	137.06	171.58	-34.52	
	12/15/08	137.06	169.04	-31.98	
	12/19/08	137.06	169.36	-32.30	
	01/07/09	137.06	163.22	-26.16	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-26C	03/16/09	137.06	153.10	-16.04	
(Cont'd)	03/18/09	137.06	152.44	-15.38	
	04/29/09	137.06	148.57	-11.51	
	06/22/09	137.06	152.47	-15.41	
	06/26/09	137.06	155.40	-18.34	
	08/31/09	137.06	158.68	-21.62	
	09/10/09	137.06	161.04	-23.98	
	10/13/09	137.06	156.48	-19.42	
	10/14/09	137.06	156.42	-19.36	
	10/23/09	137.06	154.73	-17.67	
	10/30/09	137.06	154.12	-17.06	
	11/04/09	137.06	153.77	-16.71	
	12/07/09	137.06	150.92	-13.86	
	01/19/10	137.06	149.68	-12.62	
	02/10/10	137.06	145.81	-8.75	
	02/12/10	137.06	145.52	-8.46	
	03/01/10	137.06	143.18	-6.12	
	06/07/10	137.06	140.37	-3.31	
	07/30/10	137.22	144.20	-6.98	
	09/07/10	137.22	147.97	-10.75	
	12/06/10	137.22	145.78	-8.56	
	03/01/11	137.22	128.33	8.89	
	03/24/11	137.22	130.31	6.91	
	03/25/11	137.22	129.76	7.46	
MW-27	05/27/08	137.16	157.80	-20.64	
	06/10/08	137.16	159.22	-22.06	
	06/23/08	137.16	160.75	-23.59	
	07/16/08	137.16	164.03	-26.87	
	08/26/08	137.16	168.65	-31.49	
	09/22/08	137.16	170.52	-33.36	
	10/22/08	137.16	171.19	-34.03	
	12/15/08	137.16	168.92	-31.76	
	12/19/08	137.16	169.05	-31.89	
	01/07/09	137.16	163.06	-25.90	
	03/16/09	137.16	153.24	-16.08	
	03/18/09	137.16	152.49	-15.33	
	04/29/09	137.16	148.59	-11.43	
	06/22/09	137.16	152.42	-15.26	
	06/24/09	137.16	154.08	-16.92	
	08/31/09	137.16	158.65	-21.49	
	09/10/09	137.16	160.81	-23.65	
	10/13/09	137.16	156.43	-19.27	
	10/14/09	137.16	156.35	-19.19	
	10/23/09	137.16	154.73	-17.57	
	10/30/09	137.16	154.10	-16.94	
	11/04/09	137.16	153.77	-16.61	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-27	12/07/09	137.16	150.98	-13.82	
(Cont'd)	01/19/10	137.16	149.60	-12.44	
	03/01/10	137.16	143.25	-6.09	
	03/02/10	137.16	143.02	-5.86	
	06/07/10	137.16	139.74	-2.58	
	07/30/10	137.16	143.73	-6.57	
	09/07/10	137.16	147.75	-10.59	
	12/06/10	137.16	145.39	-8.23	
	03/01/11	137.16	127.65	9.51	
	03/24/11	137.16	129.57	7.59	
MW-28	05/16/08	140.77	160.41	-19.64	
	05/27/08	140.77	161.69	-20.92	
	06/10/08	140.77	163.08	-22.31	
	06/23/08	140.77	164.55	-23.78	
	07/16/08	140.77	167.88	-27.11	
	08/26/08	140.77	174.46	-33.69	
	09/22/08	140.77	174.45	-33.68	
	10/22/08	140.77	175.11	-34.34	
	12/15/08	140.77	172.87	-32.10	
	12/19/08	140.77	172.97	-32.20	
	01/07/09	140.77	166.82	-26.05	
	03/16/09	140.77	157.25	-16.48	
	03/18/09	140.77	156.45	-15.68	
	04/29/08	140.77	152.49	-11.72	
	06/22/09	140.77	156.45	-15.68	
	06/24/09	140.77	157.74	-16.97	
	08/31/09	140.77	162.68	-21.91	
	09/10/09	140.77	164.54	-23.77	
	10/13/09	140.77	160.35	-19.58	
	10/14/09	140.77	160.32	-19.55	
	10/23/09	140.77	158.57	-17.80	
	10/30/09	140.77	158.02	-17.25	
	11/04/09	140.77	157.61	-16.84	
	12/07/09	140.77	154.74	-13.97	
	01/19/10	140.77	153.63	-12.86	
	03/01/10	140.77	147.29	-6.52	
	03/04/10	140.77	146.80	-6.03	
	06/07/10	140.77	143.98	-3.21	
	07/30/10	140.77	147.43	-6.66	
	09/07/10	140.77	151.67	-10.90	
	12/06/10	140.77	149.96	-9.19	
	03/01/11	140.77	132.48	8.29	
	03/24/11	140.77	133.95	6.82	
MW-29	08/15/08	142.21	174.90	-32.69	
	08/19/08	142.21	174.44	-32.23	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-29	08/26/08	142.21	175.21	-33.00	
(Cont'd)	09/22/08	142.21	177.31	-35.10	
	10/22/08	142.21	178.13	-35.92	
	12/15/08	142.34	176.26	-33.92	
	01/07/09	142.34	170.00	-27.66	
	03/16/09	142.34	160.00	-17.66	
	03/18/09	142.34	159.22	-16.88	
	04/29/09	142.34	154.91	-12.57	
	06/22/09	142.34	158.97	-16.63	
	06/24/09	142.34	159.99	-17.65	
	08/31/09	142.34	165.42	-23.08	
	09/10/09	142.34	167.01	-24.67	
	10/13/09	142.34	162.76	-20.42	
	10/14/09	142.34	162.78	-20.44	
	10/23/09	142.34	161.07	-18.73	
	10/30/09	142.34	160.59	-18.25	
	11/04/09	142.34	160.05	-17.71	
	12/07/09	142.34	156.92	-14.58	
	01/19/10	142.34	156.32	-13.98	
	03/01/10	142.34	149.84	-7.50	
	03/04/10	142.34	149.36	-7.02	
	06/07/10	142.34	146.45	-4.11	
	07/30/10	142.34	149.78	-7.44	
	09/07/10	142.34	154.30	-11.96	
	12/06/10	142.34	153.12	-10.78	
	03/01/11	142.34	135.43	6.91	
	03/24/11	142.34	136.86	5.48	
	03/30/11	142.34	135.81	6.53	
MW-30A	12/04/08	129.44	164.15	-34.71	
	12/05/08	129.44	164.29	-34.85	
	12/15/08	129.44	162.77	-33.33	
	12/19/08	129.44	163.02	-33.58	
	01/07/09	129.44	156.65	-27.21	
	03/16/09	129.44	145.68	-16.24	
	03/18/09	129.44	144.93	-15.49	
	04/29/09	129.44	141.29	-11.85	
	06/22/09	129.44	145.32	-15.88	
	06/24/09	129.44	148.04	-18.60	
	08/31/09	129.44	151.45	-22.01	
	09/10/09	129.44	154.83	-25.39	
	10/13/09	129.44	149.24	-19.80	
	10/14/09	129.44	149.22	-19.78	
	10/23/09	129.44	147.49	-18.05	
	10/30/09	129.44	146.87	-17.43	
	11/04/09	129.44	146.56	-17.12	
	12/07/09	129.44	143.60	-14.16	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-30A	01/19/10	129.44	142.52	-13.08	
(Cont'd)	03/01/10	129.44	135.95	-6.51	
	03/03/10	129.44	135.69	-6.25	
	06/07/10	129.44	133.44	-4.00	
	07/30/10	129.44	137.11	-7.67	
	09/07/10	129.44	140.90	-11.46	
	12/06/10	129.44	138.63	-9.19	
	03/01/11	129.44	120.97	8.47	
	03/15/11	129.44	123.10	6.34	
	03/24/11	129.44	123.64	5.80	
MW-30B	12/04/08	129.39	160.82	-31.43	
	12/05/08	129.39	161.49	-32.10	
	12/15/08	129.39	160.27	-30.88	
	01/07/09	129.39	154.82	-25.43	
	03/16/09	129.39	144.60	-15.21	
	03/18/09	129.39	143.96	-14.57	
	04/29/09	129.39	141.03	-11.64	
	06/22/09	129.39	144.02	-14.63	
	06/24/09	129.39	147.85	-18.46	
	08/31/09	129.39	149.39	-20.00	
	09/10/09	129.39	154.06	-24.67	
	10/13/09	129.39	147.92	-18.53	
	10/14/09	129.39	147.93	-18.54	
	10/23/09	129.39	146.17	-16.78	
	10/30/09	129.39	145.42	-16.03	
	11/04/09	129.39	145.25	-15.86	
	12/07/09	129.39	142.39	-13.00	
	01/19/10	129.39	140.64	-11.25	
	03/01/10	129.39	134.60	-5.21	
	06/07/10	129.39	130.92	-1.53	
	09/07/10	129.39	136.39	-7.00	
	12/06/10	129.39	133.99	-4.60	
	03/15/11	129.39	122 ^(b)	7	
	03/24/11	129.39	121.97	7.42	
MW-31	10/13/09	123.7	140.92	-17.2	
	10/14/09	123.7	140.85	-17.1	
	10/23/09	119.60	136.95	-17.35	
	10/30/09	119.60	136.26	-16.66	
	11/02/09	119.60	136.18	-16.58	
	12/07/09	119.60	133.45	-13.85	
	01/19/10	119.60	131.88	-12.28	
	02/10/10	119.60	127.61	-8.01	
	02/12/10	119.60	127.51	-7.91	
	03/01/10	119.60	124.99	-5.39	
	06/07/10	119.60	122.62	-3.02	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-31	07/30/10	119.60	126.33	-6.73	
(Cont'd)	09/07/10	119.60	129.42	-9.82	
	12/06/10	119.60	125.45	-5.85	
	03/01/11	119.60	108.80	10.80	
	03/24/11	119.60	112.56	7.04	
MW-32A	01/04/10	92.88	110.20	-17.32	
	01/19/10	92.88	107.34	-14.46	
	02/10/10	92.88	101.90	-9.02	
	02/12/10	92.88	102.03	-9.15	
	03/01/10	92.88	99.24	-6.36	
	06/07/10	92.88	97.01	-4.13	
	09/07/10	92.88	104.02	-11.14	
	12/06/10	92.88	100.08	-7.20	
	03/24/11	92.88	87.97	4.91	
MW-32B	01/04/10	92.89	109.29	-16.40	
	01/19/10	92.89	106.40	-13.51	
	02/10/10	92.89	101.75	-8.86	
	02/12/10	92.89	101.68	-8.79	
	03/01/10	92.89	99.18	-6.29	
	03/04/10	92.89	99.22	-6.33	
	06/07/10	92.89	96.71	-3.82	
	07/30/10	92.89	100.91	-8.02	
	09/07/10	92.89	103.45	-10.56	
	12/06/10	92.89	99.75	-6.86	
	03/01/11	92.89	82.87	10.02	
	03/24/11	92.89	87.67	5.22	
MW-32C	01/05/10	92.88	102.93	-10.05	
	01/19/10	92.88	102.03	-9.15	
	02/10/10	92.88	100.10	-7.22	
	02/12/10	92.88	100.03	-7.15	
	03/01/10	92.88	98.65	-5.77	
	06/07/10	92.88	93.19	-0.31	
	09/07/10	92.88	96.89	-4.01	
	12/06/10	92.88	94.01	-1.13	
	03/24/11	92.88	81.27	11.61	
MW-33	07/16/10	83.19	89.80	-6.61	
	07/30/10	83.19	92.32	-9.13	
	09/07/10	83.19	94.86	-11.67	
	12/06/10	83.19	90.88	-7.69	
	03/01/11	83.19	73.60	9.59	
	03/15/11	83.19	85.21	-2.02	
	03/24/11	83.19	80.03	3.16	



TABLE 3

GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
MW-34A	02/25/11	153.25	142.78	10.47	
	03/10/11	153.25	142.26	10.99	
	03/15/11	153.25	143.61	9.64	
	03/24/11	153.25	144.68	8.57	
MW-34B	02/25/11	153.11	146.89	6.22	
	03/01/11	153.11	146.32	6.79	
	03/10/11	153.11	146.80	6.31	
	03/15/11	153.11	147.91	5.20	
	03/24/11	153.11	148.84	4.27	
MW-34C	02/25/11	153.29	145.40	7.89	
	03/01/11	153.29	144.88	8.41	
	03/10/11	153.29	148.34	4.95	
	03/15/11	153.29	149.75	3.54	
	03/24/11	153.29	149.08	4.21	
MW-35A	01/19/11	93.57	77.69	15.88	
	02/03/11	93.57	77.51	16.06	
	03/24/11	93.57	76.01	17.56	
MW-35B	01/19/11	93.56	84.50	9.06	
	02/03/11	93.56	84.59	8.97	
	03/24/11	93.56	82.95	10.61	
MW-35C	01/19/11	93.55	88.79	4.76	
	02/03/11	93.55	88.62	4.93	
	03/01/11	93.55	82.54	11.01	
	03/24/11	93.55	87.38	6.17	
EW-01	06/20/05	142.65	132.89	9.76	
	09/19/05	142.65	140.63	2.02	
	09/21/05	142.65	140.88	1.77	
	12/17/05	142.65	119.06	23.59	
	03/20/06	142.65	112.76	29.89	
	05/18/06	142.65	105.98	36.67	
	06/19/06	142.65	108.61	34.04	
	09/25/06	142.65	118.60	24.05	
	12/11/06	142.5	116.08	26.4	
	03/12/07	142.5	122.93	19.6	
	06/18/07	142.5	133.31	9.2	
	09/24/07	142.5	157.35	-14.9	
	12/10/07	142.5	164.54	-22.0	
	12/20/07	142.5	164.75	-22.3	
	01/21/08	140.3	162.41	-22.1	
	03/17/08	140.3	156.96	-16.7	
	05/27/08	141.13	160.10	-18.97	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
EW-01	06/10/08	141.13	161.48	-20.35	
(Cont'd)	06/23/08	141.13	162.89	-21.76	
	07/09/08	141.07	165.87	-24.80	Pilot GETS
	07/11/08	141.07	165.59	-24.52	
	07/14/08	141.07	165.71	-24.64	
	07/15/08	141.07	167.64	-26.57	Pilot GETS
	07/30/08	141.07	168.45	-27.38	Pilot GETS
	08/14/08	141.07	> 172.65	< -31.58	Pilot GETS
	08/25/08	141.07	171.89	-30.82	Pilot GETS
	09/22/08	141.07	> 172.65	< -31.58	Pilot GETS
	10/22/08	141.07	> 172.65	< -31.58	Pilot GETS
	12/15/08	141.07	171.93	-30.86	
	12/19/08	141.07	171.74	-30.67	
	01/07/09	141.07	165.86	-24.79	
	02/25/09	141.07	162.17	-21.10	Pilot GETS
	03/16/09	141.07	157.84	-16.77	Pilot GETS
	03/18/09	141.07	158.69	-17.62	Pilot GETS
	04/29/09	141.07	152.31	-11.24	
	04/29/09	141.07	152.85	-11.78	Pilot GETS
	05/27/09	141.07	155.10	-14.03	Pilot GETS
	06/22/09	141.07	156.88	-15.81	Pilot GETS
	06/26/09	141.07	157.98	-16.91	Pilot GETS
	06/29/09	141.07	158.68	-17.61	Pilot GETS
	07/22/09	141.07	164.06	-22.99	Pilot GETS
	08/14/09	141.07	168.21	-27.14	Pilot GETS
	08/31/09	141.07	163.05	-21.98	Pilot GETS
	09/10/09	141.07	164.32	-23.25	Pilot GETS
	09/11/09	141.07	164.23	-23.16	Pilot GETS
	10/08/09	141.07	> 172.65	< -31.58	Pilot GETS
	10/23/09	141.07	158.25	-17.18	Pilot GETS
	10/30/09	141.07	157.75	-16.68	
	11/04/09	141.07	157.23	-16.16	
	12/07/09	141.07	154.56	-13.49	
	12/09/09	141.07	155.28	-14.21	
	01/19/10	141.07	153.29	-12.22	
	03/01/10	141.07	147.07	-6.00	
	06/07/10	141.07	142.43	-1.36	
	09/07/10	141.07	150.09	-9.02	
	12/06/10	141.07	148.66	-7.59	
	03/01/11	141.07	131.68	9.39	
	03/24/11	141.07	132.08	8.99	
EW-02	10/23/09	137.6	137.92	-0.3	
	10/30/09	137.6	156.81	-19.2	
	10/31/09	137.6	155.97	-18.3	
	11/04/09	136.2	153.21	-17.0	
	12/07/09	132.97	UTM	--	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Regional Groundwater System Monitor and Extraction Wells (continued)</u>					
EW-02	02/10/10	132.97	142.49	-9.52	
(Cont'd)	03/01/10	132.97	139.89	-6.92	
	03/22/10	132.97	136.73	-3.76	Pre-Startup
	03/22/10	132.97	143.6	-10.6	Pilot GETS
	03/23/10	132.97	143.25	-10.28	Pilot GETS
	03/24/10	132.97	144.42	-11.45	Pilot GETS
	03/25/10	132.97	144.60	-11.63	Pilot GETS
	03/26/10	132.97	144.99	-12.02	Pilot GETS
	06/07/10	132.97	143.34	-10.37	Pilot GETS
	06/10/10	132.97	143.42	-10.45	Pilot GETS
	07/08/10	132.97	144.76	-11.79	Pilot GETS
	07/30/10	132.97	145.5	-12.53	Pilot GETS
	08/02/10	132.97	146.95	-13.98	Pilot GETS
	09/02/10	132.97	150.82	-17.85	Pilot GETS
	09/07/10	132.97	150.46	-17.49	Pilot GETS
	10/7/2010	132.97	153.49	-20.52	Pilot GETS
	11/11/2010	132.97	153.63	-20.66	Pilot GETS
	12/07/10	132.97	148.62	-15.65	Pilot GETS
	1/13/2011	132.97	138.52	-5.55	Pilot GETS
	2/3/2011	132.97	136.61	-3.64	Pilot GETS
	3/2/2011	132.97	130.7	2.27	Pilot GETS
	3/24/2011	132.97	133.23	-0.26	Pilot GETS
<u>Perched Zone Water Levels</u>					
P-07	06/12/97	165.34	135.20	30.14	
	05/13/98	165.34	135.11	30.23	
	05/27/98	165.34	135.12	30.22	
	06/11/98	165.34	135.15	30.19	
	07/14/98	165.34	135.26	30.08	
	11/11/98	165.34	135.39	29.95	
	11/18/98	165.34	135.42	29.92	SVE, DPE-H2O
	11/18/98	165.34	135.48	29.86	SVE, DPE-H2O
	11/19/98	165.34	135.36	29.98	SVE, DPE-H2O
	11/20/98	165.34	135.44	29.90	SVE, DPE, DPE-H2O
	11/23/98	165.34	135.36	29.98	SVE, DPE-H2O
	11/23/98	165.34	135.52	29.82	SVE, DPE-H2O
	11/24/98	165.34	135.53	29.81	SVE, DPE-H2O
	12/07/98	165.34	135.40	29.94	SVE, DPE-H2O
	12/07/98	165.34	135.52	29.82	SVE, DPE-H2O
	12/10/98	165.34	135.50	29.84	SVE, DPE, DPE-H2O
	12/11/98	165.34	135.37	29.97	SVE, DPE, DPE-H2O
	12/14/98	165.34	135.26	30.08	SVE, DPE-H2O
	12/14/98	165.34	135.27	30.07	SVE, DPE-H2O
	12/16/98	165.34	135.48	29.86	SVE, DPE, DPE-H2O
	01/06/99	165.34	135.36	29.98	SVE, DPE, DPE-H2O
	01/20/99	165.34	135.20	30.14	
	01/25/99	165.34	135.50	29.84	DPE, DPE-H2O

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Perched Zone Water Levels (continued)</u>					
P-07	01/27/99	165.34	135.51	29.83	SVE, DPE, DPE-H2O
(Cont'd)	02/01/99	165.34	135.25	30.09	SVE, DPE, DPE-H2O
	02/10/99	165.34	135.56	29.78	SVE, DPE, DPE-H2O
	02/23/99	165.34	135.17	30.17	
	03/01/99	165.34	135.55	29.79	DPE
	03/12/99	165.34	135.51	29.83	SVE, DPE, DPE-H2O
	03/15/99	165.34	135.59	29.75	SVE, DPE, DPE-H2O
	03/17/99	165.34	135.54	29.80	SVE, DPE, DPE-H2O
	03/29/99	165.34	135.34	30.00	SVE, DPE-H2O
	04/07/99	165.34	DRY	--	SVE, DPE-H2O
	04/12/99	165.34	135.58	29.76	SVE, DPE-H2O
	04/23/99	165.34	135.22	30.12	SVE, DPE-H2O
	04/29/99	165.34	DRY	--	SVE, DPE-H2O
	05/17/99	165.34	135.66	29.68	SVE, DPE-H2O
	06/16/99	165.34	135.66	29.68	SVE, DPE-H2O
	06/25/99	165.34	135.28	30.06	SVE, DPE-H2O
	07/15/99	165.34	135.57	29.77	DPE, DPE-H2O
	08/30/99	165.34	135.58	29.76	DPE-H2O
	09/27/99	165.34	135.58	29.76	5.6 inches water in vaccum
	11/02/99	165.34	135.56	29.78	5 inches water in vaccum
	11/23/99	165.34	135.27	30.07	
	11/23/99	165.34	135.13	30.21	
	11/23/99	165.34	135.14	30.20	
	12/06/99	165.34	135.70	29.64	
	02/07/00	165.34	135.49	29.85	
	07/05/00	165.34	135.03	30.31	
	01/16/01	145.52	115.25	30.27	
	03/19/01	145.52	115.34	30.18	
	03/26/01	145.52	115.24	30.28	
	04/03/01	145.52	115.30	30.22	
	04/10/01	145.52	115.20	30.32	
	04/17/01	145.52	115.20	30.32	
	04/26/01	145.52	115.30	30.22	
	05/10/01	145.52	115.35	30.17	
	06/26/01	145.52	115.16	30.36	
	09/10/01	142.31	111.91	30.40	
	10/24/01	142.31	112.04	30.27	
	01/15/02	142.31	111.98	30.33	
	03/19/02	142.31	111.92	30.39	
	04/15/02	142.31	112.04	30.27	
	10/31/02	142.31	112.13	30.18	
	11/18/02	142.31	112.11	30.20	
	05/08/03	142.31	112.48	29.83	
	06/09/03	142.31	112.94	29.37	
	09/15/03	142.31	113.65	28.66	
	10/14/03	142.31	113.82	28.49	
	12/15/03	142.31	114.04	28.27	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Perched Zone Water Levels (continued)</u>					
P-07	03/29/04	142.31	112.42	29.89	
(Cont'd)	06/14/04	142.31	113.91	28.40	
	09/20/04	142.31	DRY		Dry to 117.4 feet bls. Water level elevation <24.9 feet msl.
				--	
	10/19/04	142.31	116.30	26.01	
	12/06/04	142.31	115.65	26.66	
	03/15/05	142.31	DRY	--	Dry @ 116.8 ft.
	09/19/05	142.31	DRY	--	Dry @ 115.0 ft bls.
	12/17/05	142.31	112.26	30.05	
	03/20/06	142.31	110.94	31.37	
	06/19/06	142.31	107.57	34.74	
	09/25/06	142.31	111.19	31.12	
	12/11/06	142.31	111.22	31.09	
	03/12/07	142.31	111.71	30.60	
	06/18/07	142.31	114.92	27.39	
	09/24/07	142.31	DRY	--	
	12/10/07	142.31	DRY	--	Dry @ 115.16 ft bls.
	03/17/08	142.31	114.58	27.73	
	06/23/08	142.31	114.13	28.18	
	09/22/08	142.31	113.85	28.46	
	12/15/08	142.31	113.47	28.84	
	03/16/09	142.31	113.13	29.18	
	06/22/09	142.31	112.81	29.50	
	08/31/09	142.31	112.67	29.64	
	12/07/09	142.31	112.52	29.79	
	03/01/10	142.31	112.34	29.97	
	06/07/10	142.31	112.24	30.07	
	09/07/10	142.31	112.51	29.80	
	12/06/10	142.31	112.27	30.04	
	03/24/11	142.31	111.51	30.80	
P-09	09/15/03	183.86	121.85	62.01	
	10/08/03	183.86	121.68	62.18	
	10/14/03	183.86	121.53	62.33	
	12/15/03	183.86	122.09	61.77	
	03/29/04	183.86	122.03	61.83	
	06/14/04	183.86	122.29	61.57	
	09/20/04	183.86	122.49	61.37	
	11/10/04	183.86	122.00	61.31	
	12/06/04	183.86	122.93	61.10	
	03/14/05	183.86	121.45	62.41	
	06/20/05	183.86	121.50	62.36	
	09/19/05	183.86	121.34	62.52	
	12/17/05	183.86	121.32	62.54	
	03/20/06	183.86	121.20	62.66	
	06/19/06	183.86	120.96	62.90	
	09/25/06	183.86	120.85	63.01	

TABLE 3
GROUNDWATER LEVELS

Well Identifier	Date Measured	Reference Point Elevation (a) (feet msl)	Depth to Water (feet bls)	Water Level Elevation (feet msl)	Remediation System On
<u>Perched Zone Water Levels (continued)</u>					
P-09	12/12/06	183.86	120.94	62.92	
(Cont'd)	03/12/07	183.86	120.93	62.93	
	06/18/07	183.86	120.80	63.06	
	09/24/07	183.86	120.91	62.95	
	12/10/07	183.86	120.84	63.02	
	03/17/08	183.86	120.76	63.10	
	06/23/08	183.86	120.73	63.13	
	09/22/08	183.86	120.83	63.03	
	12/15/08	183.86	120.64	63.22	
	03/16/09	183.86	120.70	63.16	
	06/22/09	183.86	120.66	63.20	
	08/31/09	183.86	120.75	63.11	
	12/07/09	183.86	120.80	63.06	
	03/01/10	183.86	120.74	63.12	
	06/07/10	183.86	120.69	63.17	
	09/07/10	183.86	120.78	63.08	
	12/06/10	183.86	120.60	63.26	
	03/24/11	183.86	120.44	63.42	

FOOTNOTES

(a) Reference point elevations are relative to City of Fullerton datum.

(b) Water level decreasing during measurement; rounded to the nearest whole number.

(--) = Not Calculated

bls = Below land surface

msl = Mean sea level

NA = Reference Point Not Available

SVE = Soil Vapor Extraction System On

DPE = Vapor Phase Dual Vapor Extraction System On

DPE-H2O = Water Phase Dual Vapor Extraction System On

Pilot GETS = Pilot Groundwater Extraction and Treatment System On

UTM = Unable to Measure



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
<u>Regional Groundwater System Monitor and Extraction Wells</u>															
MW-06	01/30/97	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
MW-600	01/30/97	FD	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
MW-06	02/19/97	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
MW-06	02/09/00	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
MW-06	05/08/01	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
MW-06	04/17/02	ORG	< 0.50	< 0.50	1.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5
MW-06	04/17/02	SPT	< 0.50	< 0.50	2.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
MW-06	11/18/02	ORG	< 0.50	< 0.50	2.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-06	06/10/03	ORG	< 0.50	< 0.50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5
MW-06	12/17/03	ORG	< 0.50	< 0.50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	06/16/04	ORG	< 0.50	< 0.50	2.2 U	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	12/09/04	ORG	< 0.50	< 0.50	2.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.1
MW-06	06/23/05	ORG	< 0.50	< 0.50	1.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	12/20/05	ORG	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	06/21/06	ORG	< 0.50	< 0.50	0.62	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	12/18/06	ORG	< 0.50	< 0.50	2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	06/21/07	ORG	< 0.50	< 0.50	1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	12/12/07	ORG	< 0.50	< 0.50	0.78	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	06/26/08	ORG	< 0.50	< 0.50	0.85 U	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	06/25/09	ORG	< 0.50	< 0.50	0.52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	12/08/09	ORG	< 0.50	< 0.50	0.53	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-06	06/08/10	ORG	< 0.50	< 0.50	0.56	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06	12/10/10	ORG	< 0.50	< 0.50	0.62	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-06 Historical Range***			< 0.50 - < 5.0	< 0.50 - < 5.0	0.52 - 2.8	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.5 - < 2.0
MW-08	01/28/97	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.3	< 1.0	NA
MW-08	02/19/97	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.9	< 1.0	NA
MW-08	02/17/00	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
MW-08	05/09/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	12	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	NA
MW-08	04/17/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.51	< 0.50	< 0.50	< 0.50	< 0.50	8.5	< 0.50	< 0.5
MW-08	04/17/02	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8	< 0.50	< 1.0
MW-08	11/21/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7.2	< 0.50	< 0.50	< 0.50	< 0.50	7.6	< 0.50	NA
MW-08	06/11/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.98	0.67	< 0.50	< 0.50	< 0.50	14	< 0.50	NA
MW-08	12/18/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.6	< 0.50	< 0.50	< 0.50	< 0.50	5.8	< 0.50	NA
MW-08	03/30/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	26	0.52	< 0.50	< 0.50	< 0.50	12	< 0.50	NA
MW-08	06/17/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	64	5.6	< 0.50	< 0.50	< 0.50	89	< 0.50	NA
MW-800	06/17/04	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	60	5.1	< 0.50	< 0.50	< 0.50	87	< 0.50	NA
MW-08	06/17/04	SPT	< 1	< 1	< 1	< 1	< 1	48	4	< 1	< 1	< 1	65	< 1	NA
MW-08	07/28/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	23 E	2.5	< 0.50	< 0.50	< 0.50	40 E	< 0.50	< 2
MW-800	07/28/04	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	23 E	2.1	< 0.50	< 0.50	< 0.50	39 E	< 0.50	< 2
MW-08	07/28/04	SPT	< 1	< 1	< 1	< 1	< 1	13 E	1	< 1	< 1	< 1	23 E	< 1	< 1
MW-08	09/21/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.4	1	< 0.50	< 0.50	< 0.50	19	< 0.50	NA
MW-08	12/15/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.7	0.61	< 0.50	< 0.50	< 0.50	13	< 0.50	< 2.2



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)													Semi-VOCs		
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-08	03/16/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.7	0.65	< 0.50	< 0.50	< 0.50	15	< 0.50	< 2.0
MW-08	06/24/05	ORG	0.85	< 0.50	< 0.50	< 0.50	< 0.50	180	7.7	< 0.50	< 0.50	< 0.50	130	< 0.50	< 2.0
MW-800	06/24/05	FD	0.87	< 0.50	< 0.50	< 0.50	< 0.50	160	7.6	< 0.50	< 0.50	< 0.50	130	< 0.50	< 2.0
MW-08	09/22/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	45 E	3.4	< 0.50	< 0.50	< 0.50	61 E	< 0.50	< 2.0
MW-800	09/22/05	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	22 E	2.1	< 0.50	< 0.50	< 0.50	39	< 0.50	20 U
MW-08	09/22/05	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	15 E	2	< 0.50	< 0.50	< 0.50	33 E	0.9	< 1.0
MW-08	12/20/05	ORG	< 0.50	< 0.50	< 0.50	2.0	< 0.50	370	3.2	0.66	< 0.50	< 0.50	82	< 0.50	12
MW-08	12/20/05	SPT	< 0.50	0.5	< 0.50	2	< 0.50	350	3	< 0.50	< 0.50	< 0.50	76	0.5	13
MW-08	03/23/06	ORG	< 0.50	< 0.50	0.76	3.6	0.92	270	2.5	0.55	< 0.50	< 0.50	55	< 0.50	65
MW-800	03/23/06	FD	< 0.50	< 0.50	0.82	4.7	1.0	380	2.9	0.74	< 0.50	< 0.50	65	< 0.50	81
MW-08	06/22/06	ORG	< 0.50	< 0.50	0.69	5.1	0.99	500	2.6	1.3	< 0.50	< 0.50	69	< 0.50	130
MW-800	06/22/06	FD	< 0.50	< 0.50	0.69	5	1.0	410	2.5	1.2	< 0.50	< 0.50	69	< 0.50	110
MW-08	06/22/06	SPT	< 3.0	< 3.0	< 3.0	6	< 3.0	380	3	< 3.0	< 3.0	< 3.0	50	< 3.0	140
MW-08	09/28/06	ORG	0.95	< 0.50	< 0.50	< 0.50	< 0.50	27	6.5	< 0.50	< 0.50	< 0.50	120	< 0.50	< 2.0
MW-800	09/28/06	FD	1.1	< 0.50	< 0.50	< 0.50	< 0.50	24	7.7	< 0.50	< 0.50	< 0.50	110	< 0.50	< 2.0
MW-08	09/28/06	SPT	1	< 0.50	< 0.50	< 0.50	< 0.50	28	6.2	< 0.50	< 0.50	< 0.50	130	< 0.50	< 1
MW-08	12/19/06	ORG	0.93	< 0.50	< 0.50	< 0.50	< 0.50	13	7.1	< 0.50	< 0.50	< 0.50	130	< 0.50	< 2.0
MW-800	12/19/06	FD	0.95	< 0.50	< 0.50	< 0.50	< 0.50	14	7.1	< 0.50	< 0.50	< 0.50	110	< 0.50	< 2.0
MW-08	03/15/07	ORG	< 0.50	< 0.50	< 0.50	0.57	< 0.50	120	4.5	< 0.50	< 0.50	< 0.50	90	< 0.50	26
MW-08	06/22/07	ORG	< 0.50	< 0.50	0.5	0.51	< 0.50	87	4.4	< 0.50	< 0.50	< 0.50	92	< 0.50	25
MW-08	09/26/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	32 E	1.5	< 0.50	< 0.50	< 0.50	25	< 0.50	7.7
MW-800	09/26/07	FD	< 0.50	< 0.50	< 0.50	0.52	< 0.50	47 E	1.5	< 0.50	< 0.50	< 0.50	27	< 0.50	8.2
MW-08	09/26/07	SPT	< 1	< 1	< 1	< 1	< 1	42 E	1	< 1	< 1	< 1	26	< 1	11
MW-08	12/13/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	39	1.3	< 0.50	< 0.50	< 0.50	27	< 0.50	6
MW-08	03/18/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	28	0.97	< 0.50	< 0.50	< 0.50	19	< 0.50	5.4
MW-800	03/18/08	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	30	1.1	< 0.50	< 0.50	< 0.50	20	< 0.50	5.3
MW-08	03/18/08	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	27	0.9	< 0.50	< 0.50	< 0.50	21	0.6	7
MW-08	06/27/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	29	1.3	< 0.50	< 0.50	< 0.50	23	< 0.50	5.9
MW-08	09/26/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	19	1.0	< 0.50	< 0.50	< 0.50	18	< 0.50	3.7 BU
MW-08	12/19/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	23	0.7	< 0.50	< 0.50	< 0.50	13	< 0.50	3.9
MW-08	03/17/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	26	1.2	< 0.50	< 0.50	< 0.50	21	< 0.50	3.9
MW-08	06/25/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	19	1.1	< 0.50	< 0.50	< 0.50	23	< 0.50	2.7
MW-08	09/01/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	17	0.56	< 0.50	< 0.50	< 0.50	14	< 0.50	2.4
MW-08	12/10/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	22	0.68	< 0.50	< 0.50	< 0.50	15	< 0.50	7.2
MW-08	03/03/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	33	0.87	< 0.50	< 0.50	< 0.50	21	< 0.50	8.4
MW-08	06/10/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	35	7.1	< 0.50	< 0.50	< 0.50	110	< 0.50	< 2.0
MW-08	09/10/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	36	9.8	< 0.50	< 0.50	< 0.50	200	< 0.50	2.4
MW-08	12/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	32	6.0	< 0.50	< 0.50	< 0.50	110	< 0.50	< 2.0
MW-08	03/30/11	ORG	0.84	< 0.50	0.69	< 0.50	< 0.50	38	10	< 0.50	< 0.50	< 0.50	230	< 0.50	< 0.20
Historical High/Low										HIGH			HIGH		
MW-08 Historical Range***			< 0.50 - 0.95	< 0.50	< 0.50 - 0.76	< 0.50 - 5.1	< 0.50 - 0.99	< 0.50 - 500	< 0.50 - 9.8	< 0.50 - 1.3	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - 200	< 0.50 - 1.0	< 0.5 - 130



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-09	03/26/97	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
MW-09	04/10/97	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
MW-09	02/17/00	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
MW-09	11/21/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.3	7.6
MW-900	11/21/02	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.2	7.7
MW-09	11/21/02	SPT	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3	6.8
MW-09	06/10/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.3	4
MW-900	06/10/03	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.1	7.4
MW-09	06/10/03	SPT	< 1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	2	3.8
MW-09	09/24/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	12/18/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.81	< 2.0
MW-900	12/18/03	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.2	< 2.0
MW-09	03/30/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.8	< 2.0
MW-09	06/16/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	09/21/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.77	< 2.0
MW-09	12/08/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 2.1
MW-09	03/15/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.69	< 2.2
MW-09	03/15/05	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.5	3
MW-09	06/23/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	09/21/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.82	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	12/20/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.85	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	03/22/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.77	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	06/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.80	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	09/28/06	ORG	< 0.50	< 0.50	< 0.50	0.79	< 0.50	32	< 0.50	< 0.50	< 0.50	< 0.50	0.96	< 0.50	52 E
MW-09	12/19/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 E
MW-900	12/19/06	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6.1 E
MW-09	03/14/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	09/26/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.70	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	12/12/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.75	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	03/18/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.65	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.0
MW-09	06/27/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.54	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	09/25/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	09/01/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	12/08/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5
MW-09	03/03/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	06/11/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	09/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	12/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-09	03/29/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
MW-09 Historical Range***			< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - 0.79	< 0.50 - < 5.0	< 0.50 - 4.9	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - 0.96	< 0.50 - 5.3	< 2.0 - 52 E



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-13	04/22/97	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	NA
MW-13	05/21/97	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
MW-13	02/15/00	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
MW-13	07/06/00	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0
MW-13	05/07/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-13	10/24/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-13	04/17/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5
MW-13	04/17/02	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
MW-13	11/19/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.78	< 0.5
MW-13	06/10/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.5
MW-13	12/16/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.9	< 2.0
MW-13	06/15/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.2	< 2.0
MW-13	12/08/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.3	< 2.1
MW-13	06/23/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	3.8
MW-13	12/19/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50	3.7
MW-13	06/22/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.58	3.5
MW-13	09/29/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.5	< 2.0
MW-13	09/29/06	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.5	3
MW-13	12/14/06	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.3	< 2.0
MW-13	06/21/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 2.0
MW-13	12/12/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-13	06/26/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 2.0
MW-13	12/18/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 2.5
MW-13	06/24/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.2	< 2.0
MW-13	12/08/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 2.0
MW-13	06/11/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.0	< 2.0
MW-13	12/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.2	< 2.0
MW-13 Historical Range***			< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - 0.60	< 0.50 - 4.5	< 0.50 - 2.4
MW-15	05/27/98	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5	< 5.0	NA
MW-15	06/11/98	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5.5	20	NA
MW-15	02/16/00	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5.9	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	9.6	NA
MW-1500	02/16/00	FD	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	6.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	9.8	NA
MW-15	07/05/00	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	8.4	< 1.0	< 1.0	< 1.0	< 1.0	1.9	4.7	NA
MW-15	07/05/00	SPT	< 0.50	< 0.50	< 1.0	< 1.0	< 0.50	10	< 1.0	< 1.0	< 1.0	< 1.0	2.4	< 0.50	< 3.0
MW-15	05/08/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.2	< 0.50	< 0.50	< 0.50	< 0.50	7.8	< 0.50	NA
MW-15	10/25/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-15	04/18/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	10.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5
MW-15	04/18/02	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	10.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
MW-15	11/21/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	14	< 0.50	< 0.50	< 0.50	< 0.50	0.53	< 0.50	NA
MW-15	06/11/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-15	09/23/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.52	NA
MW-15	12/18/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-15	03/30/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60	NA
MW-15	06/17/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.2	5.1	NA



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)													Semi-VOCs		
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-15	09/21/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.6	10	NA
MW-15	12/15/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6.7	11	NA
MW-15	03/15/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5	9.4	NA
MW-15	03/15/05	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4	7.5	NA
MW-15	06/23/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.4	11	NA
MW-15	09/22/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.1	13	NA
MW-15	12/20/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.1	9.2	NA
MW-15	03/22/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.6	11	NA
MW-15	06/22/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.7	10	NA
MW-15	09/29/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.3	< 0.50	NA
MW-1500	09/29/06	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.2	12	NA
MW-15	12/19/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.9	8.0	< 2.0
MW-15	03/15/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.4	5.8	< 2.0
MW-15	06/22/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.1	12	< 2.0
MW-15	09/26/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.5	5.9	< 2.0
MW-1500	09/26/07	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.6	6.6	< 2.0
MW-15	09/26/07	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3	5	< 1
MW-15	12/13/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	< 0.50	2.5	7.2	< 2.0
MW-15	03/18/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.5	5.5	< 2.0
MW-15	06/27/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.4	< 0.50	< 0.50	< 0.50	< 0.50	2.6	5.8	< 2.0
MW-15	09/26/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7.7	< 0.50	< 0.50	< 0.50	< 0.50	1.8	3.3	< 2.0
MW-15	12/16/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.8	< 0.50	< 0.50	< 0.50	< 0.50	1.3	1.9	NA
MW-15	03/17/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	12	< 0.50	< 0.50	< 0.50	< 0.50	1.4	2.6	NA
MW-15	06/24/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.8	< 0.50	< 0.50	< 0.50	< 0.50	1.0	1.9	NA
MW-15	09/01/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.4	< 0.50	< 0.50	< 0.50	< 0.50	1.2	2.1	NA
MW-15	12/10/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.5	< 0.50	< 0.50	< 0.50	< 0.50	0.94	2.0	NA
MW-15	03/03/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7.2	< 0.50	< 0.50	< 0.50	< 0.50	0.73	1.6	NA
MW-15	06/11/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 2.0
MW-15	09/10/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	NA
MW-15	12/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.7	< 0.50	< 0.50	< 0.50	< 0.50	0.50	1.7	NA
MW-15	03/28/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.88	< 0.50	< 0.50	< 0.50	< 0.50	3.4	6.8	NA
MW-15 Historical Range***			< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - 12	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - < 5.0	< 0.50 - 7.8	< 0.50 - 20	< 0.50 - < 2.0
MW-16 ^(a)	11/05/99	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	317	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
MW-16 ^(a)	11/05/99	SPT	< 1.0	< 1.0	< 1.0	3.6	< 1.0	510	< 1.0	< 1.0	5	< 1.0	< 1.0	< 1.0	NA
MW-16	11/23/99	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	73	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
MW-16 ^(b)	11/23/99	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	99	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
MW-16	12/07/99	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	49	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
MW-16	12/07/99	SPT	< 2	< 5.0	< 5.0	< 2	< 5.0	44	< 2	< 2	< 2	< 2	< 2	< 5.0	NA
MW-16	02/18/00	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	238	< 5.0	< 5.0	11	< 5.0	< 5.0	< 5.0	NA
MW-1600	02/18/00	FD	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	264	< 5.0	< 5.0	10	< 5.0	< 5.0	< 5.0	NA
MW-16	07/05/00	ORG	< 0.50	< 0.50	0.59	9.4	1.5	1,100 E	< 0.50	2	28 E	4.3	2.2	< 0.50	133
MW-1600	07/05/00	FD	0.54	< 0.50	0.56	9.2	1.5	1,100 E	< 0.50	1.7	26 E	4	2	< 0.50	77
MW-16	07/05/00	SPT	NA	0.8	0.8	13.4	1.9	2,400 E	NA	2	41.5 E	2.8	2.5	< 0.50	63.05



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-1600	05/10/01	FD	< 5.0	< 5.0	< 5.0	12	2 J	870	< 5.0	2 J	20	3 J	2 J	< 5.0	174 E
MW-16	05/10/01	ORG	< 5.0	< 5.0	0.5 J	11	2 J	790	< 5.0	0.9 J	18	3 J	1 J	< 5.0	165 E
MW-16	05/10/01	SPT	< 5.0	< 5.0	< 5.0	9	< 5.0	940	< 5.0	< 5.0	20	< 5.0	< 5.0	< 5.0	270 E
MW-16	10/23/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	88	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0
MW-16	10/23/01	SPT	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2
MW-16	04/16/02	ORG	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	500	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	190
MW-1600	04/16/02	FD	< 5.0	< 5.0	< 5.0	6	< 5.0	420	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	190
MW-16	04/16/02	SPT	< 3.0	< 3.0	< 3.0	5	< 3.0	350	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	281
MW-16	11/20/02	ORG	< 2.5	< 2.5	< 2.5	7.1	< 2.5	440	< 2.5	< 2.5	3.6	3.7	< 2.5	< 2.5	420
MW-16	06/11/03	ORG	< 0.50	< 0.50	< 0.50	4.1	1.1	390	< 0.50	0.72	1.1	2.3	1.0	< 0.50	230
MW-16	09/24/03	ORG	< 0.50	< 0.50	< 0.50	1.2	< 0.50	120	< 0.50	< 0.50	< 0.50	< 0.50	0.61	< 0.50	12
MW-16	12/17/03	ORG	< 0.50	< 0.50	< 0.50	2.9	< 0.50	240	< 0.50	0.58	< 0.50	1.4	1.1	< 0.50	45
MW-16	12/17/03	SPT	< 1.0	< 1.0	< 1.0	3	< 1.0	200	< 1.0	< 1.0	< 1.0	1	< 1.0	< 1.0	100
MW-16	03/31/04	ORG	< 0.50	< 0.50	< 0.50	8.2	< 0.50	590	< 0.50	1.9	1.8	5.6	1.9	< 0.50	180
MW-1600	03/31/04	FD	< 0.50	< 0.50	< 0.50	8.3	< 0.50	590	< 0.50	1.9	1.8	5.6	1.8	< 0.50	180
MW-16	06/18/04	ORG	< 0.50	< 0.50	0.98 U	14	< 0.50	870	0.5	2.7	2.6	10	2.8	< 0.50	400
MW-16	09/22/04	ORG	< 0.50	< 0.50	< 0.50	2	< 0.50	260	< 0.50	< 0.50	< 0.50	0.51	1	< 0.50	11
MW-16	12/10/04	ORG	< 0.50	< 0.50	< 0.50	3.7	< 0.50	900	< 0.50	0.61	< 0.50	1	1.8	< 0.50	26
MW-16	03/17/05	ORG	< 0.50	0.58	1.1	18	4.5	1,900	0.57	2.9	2	10	3.7	< 0.50	250
MW-1600	03/17/05	FD	< 0.50	0.58	1.1	17	4.2	1,400	0.51	2.7	1.9	9.8	3.6	< 0.50	290
MW-16	06/24/05	ORG	< 0.50	< 0.50	< 0.50	6.9	1.7	710	< 0.50	1.3	< 0.50	4.2	2.3	< 0.50	110
MW-16	09/22/05	ORG	< 0.50	< 0.50	< 0.50	2.9	< 0.50	320	< 0.50	< 0.50	< 0.50	0.88	1.7	< 0.50	< 2.0
MW-16	12/21/05	ORG	< 0.50	< 0.50	< 0.50	4.3	1.2	370	< 0.50	1.1	< 0.50	2.2	1.2	< 0.50	190
MW-1600	12/21/05	FD	< 0.50	< 0.50	< 0.50	3.8	1.1	320	< 0.50	0.99	< 0.50	1.9	1.1	< 0.50	180
MW-16	03/22/06	ORG	< 0.50	< 0.50	< 0.50	3.1	1.1	210	< 0.50	0.70	< 0.50	1.4	0.63	< 0.50	110
MW-16	06/22/06	ORG	< 0.50	< 0.50	< 0.50	2.7	0.85	240	< 0.50	0.95	< 0.50	1.7	0.86	< 0.50	140
MW-16	09/28/06	ORG	< 0.50	< 0.50	< 0.50	2.6	< 0.5	280	< 0.50	0.51	< 0.50	0.93	1.4	< 0.50	130
MW-16	12/15/06	ORG	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	220	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	64
MW-16	03/14/07	ORG	< 0.50	< 0.50	< 0.50	1.1	< 0.50	270	< 0.50	< 0.50	< 0.50	0.91	2	< 0.50	54
MW-16	03/14/07	SPT	< 2	< 2	< 2	2	< 2	270	< 2	< 2	< 2	< 2	< 2	< 2	71
MW-16	06/20/07	ORG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	140	< 1.0	< 1.0	< 1.0	< 1.0	2.0	< 1.0	25
MW-16	09/27/07	ORG	< 0.50	< 0.50	< 0.50	2.4	< 0.50	330	< 0.50	< 0.50	< 0.50	< 0.50	3.2	< 0.50	14
MW-16	12/13/07	ORG	< 0.50	< 0.50	< 0.50	2.7	< 0.50	320	< 0.50	< 0.50	< 0.50	< 0.50	2.8	< 0.50	17
MW-16	03/19/08	ORG	< 0.50	< 0.50	< 0.50	2.2	< 0.50	330	< 0.50	< 0.50	< 0.50	< 0.50	2.3	< 0.50	30 U
MW-16	06/24/08	ORG	< 0.50	< 0.50	< 0.50	2.2	< 0.50	480	< 0.50	< 0.50	< 0.50	< 0.50	3.6	< 0.50	13
MW-16	09/25/08	ORG	< 0.50	< 0.50	< 0.50	5.2	< 0.50	820	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	19 B
MW-1600	09/25/08	FD	< 0.50	< 0.50	< 0.50	4.8	< 0.50	800	< 0.50	< 0.50	< 0.50	< 0.50	1.9	< 0.50	21 B
MW-16	09/25/08	SPT	< 1.0	< 1.0	< 1.0	4.0	< 1.0	880	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	26
MW-16	12/19/08	ORG	< 2.5	< 2.5	< 2.5	5.2	< 2.5	1,100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	27
MW-1600	12/19/08	FD	< 2.5	< 2.5	< 2.5	5.4	< 2.5	1,100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	29
MW-16	03/17/09	ORG	< 5.0	< 5.0	< 5.0	8.9	< 5.0	1,500	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	65
MW-1600	03/17/09	FD	< 5.0	< 5.0	< 5.0	9.1	< 5.0	1,500	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	62



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-16	06/24/09	ORG	< 2.5	< 2.5	< 2.5	6.1	< 2.5	790	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	360
MW-16	09/02/09	ORG	< 2.5	< 2.5	< 2.5	7.0	< 2.5	1,100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	73
MW-16	12/09/09	ORG	< 2.5	< 2.5	< 2.5	5.5	< 2.5	910	< 2.5	< 2.5	< 2.5	< 2.5	3.0	< 2.5	100
MW-16	03/03/10	ORG	< 1.0	< 1.0	< 1.0	4.8	1.5	590	< 1.0	< 1.0	< 1.0	2.1	4.3	< 1.0	440
MW-16	06/11/10	ORG	< 1.0	< 1.0	< 1.0	4.6	< 1.0	560	< 1.0	< 1.0	< 1.0	1.3	4.5	< 1.0	180
MW-16	06/11/10	SPT	< 1.0	< 1.0	< 1.0	4.0	< 1.0	620	< 1.0	< 1.0	< 1.0	1	4	< 1.0	210
MW-16	09/09/10	ORG	< 1.0	< 1.0	< 1.0	3.1	< 1.0	540	< 1.0	< 1.0	< 1.0	< 1.0	4.9	< 1.0	45
MW-16	12/09/10	ORG	< 1.0	< 1.0	< 1.0	3.0	< 1.0	630	< 1.0	< 1.0	< 1.0	< 1.0	4.0	< 1.0	31
MW-16	03/28/11	ORG	< 1.0	< 1.0	< 1.0	7.8	1.7	680	< 1.0	1.5	3.6	< 1.0	4.1	< 1.0	99
MW-16 Historical Range***			< 0.50 - < 5.0	< 0.50 - 0.58	< 0.50 - 1.1	< 0.50 - 18	< 0.50 - 4.5	49 - 1,900 E	< 0.50 - 0.57	< 0.50 - 2.9	< 0.50 - 28 E	< 0.50 - 10	< 0.50 - 4.9	< 0.50 - < 5.0	< 2.0 - 440
MW-17	06/15/00	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-17	06/15/00	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-17	07/06/00	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0
MW-17	07/06/00	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-17	05/08/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-17	10/22/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-1700	10/22/01	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-17	04/16/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5
MW-17	04/16/02	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
MW-17	11/20/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5
MW-17	06/09/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5
MW-17	12/16/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	06/16/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	12/08/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.1
MW-17	06/22/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	12/19/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	06/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	12/13/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	06/18/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	12/11/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	06/25/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	12/18/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	06/24/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	12/10/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	06/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17	12/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-17 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 - < 3.0
MW-18	06/15/00	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-1800	06/15/00	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.5	NA
MW-18	07/06/00	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.51	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 3.0
MW-18	05/07/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.9	NA
MW-18	10/23/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)													Semi-VOCs		
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-18	04/16/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 0.5
MW-18	04/16/02	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
MW-18	11/19/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	< 0.5
MW-18	06/10/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 0.5
MW-18	12/16/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 2.0
MW-18	06/15/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.3	< 2.0
MW-18	12/09/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.6	< 2.0
MW-18	06/22/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.3	< 2.0
MW-18	12/21/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.9	< 2.0
MW-18	06/20/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.5	< 2.0
MW-18	12/15/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.5	< 2.0
MW-18	06/18/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.2	< 2.0
MW-18	12/12/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-18	06/24/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.1	< 2.0
MW-18	12/17/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.65	6.9
MW-18	06/26/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.8	4.6
MW-1800	06/26/08	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.7	5.0
MW-18	12/10/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.8	7.7 E
MW-1800	12/10/09	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.6	7.0 E
MW-18	12/10/09	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3	1 E
MW-18	06/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6.3	< 2.0
MW-18	12/10/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.0	< 2.0
MW-18 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 - 0.51	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 - 6.3	< 0.50 - 7.7 E
MW-19	06/14/00	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-19	06/14/00	SPT	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 1.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	NA
MW-19	07/06/00	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 3.0
MW-19	05/08/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.64	NA
MW-19	10/22/01	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-19	04/16/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-19	04/16/02	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
MW-19	11/20/02	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-19	06/10/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5
MW-19	12/16/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	06/16/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	12/09/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	06/22/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	12/19/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	06/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	12/13/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	06/18/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	12/10/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	06/25/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-19	12/18/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	06/24/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	12/10/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	06/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19	12/07/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-19 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 - 0.64	< 0.50 - < 3.0
MW-20	09/23/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	82	< 0.50	< 0.50	0.63	< 0.50	< 0.50	0.58	< 2.2
MW-20	10/08/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	68	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	12/18/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	44	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	12/29/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	06/24/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	12/21/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	06/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	12/13/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	06/21/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	12/11/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	06/23/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	12/18/08	ORG	< 0.50	< 0.50	0.70	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.9
MW-20	06/25/09	ORG	< 0.50	< 0.50	0.64	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-2000	06/25/09	FD	< 0.50	< 0.50	0.61	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	12/08/09	ORG	< 0.50	< 0.50	0.78	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5
MW-20	06/10/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20	12/08/10	ORG	< 0.50	< 0.50	0.59	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-20 Historical Range***			< 0.50	< 0.50	< 0.50 - 0.78	< 0.50	< 0.50	< 0.50 - 82	< 0.50	< 0.50	< 0.50 - 0.63	< 0.50	< 0.50	< 0.50 - 0.58	< 0.50 - 3.9
MW-21-200	7/14/2003	ORG	< 0.50	< 0.50	< 0.50	4.4	< 0.50	300	< 0.50	< 0.50	< 0.50	0.99	0.96	< 0.50	43
MW-21	09/23/03	ORG	< 0.50	0.51	2.2	26	< 0.50	1,300	1.3	4.3	1.1	11	29	< 0.50	160
MW-2100	09/23/03	FD	< 0.50	0.53	2.4	26	< 0.50	1,700	1.2	4.7	1.1	12	29	< 0.50	160
MW-21	09/23/03	SPT	< 1.0	< 1.0	2	24	3 E	1,400	1	3	< 1.0	11	27	< 1.0	340
MW-21	10/08/03	ORG	< 25	< 25	< 25	< 25	< 25	1,600	< 25	< 25	< 25	< 25	30	< 25	160
MW-21	12/17/03	ORG	< 0.50	1.8	3.9	62	6.8	3,500	2.3	12	1.6	20	43	< 0.50	150
MW-2100	12/17/03	FD	< 0.50	1.8	4.1	64	7	3,500	2.4	14	1.7	21	45	< 0.50	150
MW-21	12/17/03	SPT	< 1.0	1	4	58	6	2,800	2	9	1	20	40	< 1.0	290
MW-21	03/31/04	ORG	< 5.0	< 5.0	< 5.0	30	< 5.0	2,200	< 5.0	8.1	< 5.0	8.9	23	< 5.0	64 E
MW-21	03/31/04	SPT	< 1.0	< 1.0	< 1.0	30	< 1.0	2,100	< 1.0	< 1.0	< 1.0	20	< 1.0	< 1.0	140 E
MW-21	06/18/04	ORG	< 5.0	< 5.0	< 5.0	23	< 5.0	1,600	< 5.0	6	< 5.0	6.6	22	< 5.0	40
MW-21	09/22/04	ORG	< 5.0	< 5.0	< 5.0	7.5	< 5.0	530	< 5.0	< 5.0	< 5.0	< 5.0	22	< 5.0	13
MW-21	12/10/04	ORG	< 5.0	< 5.0	< 5.0	26	< 5.0	1,700	< 5.0	5.3	< 5.0	8.8	30	< 5.0	35
MW-21	03/17/05	ORG	< 0.50	1.9	4.6	71	8.9	4,600	2.4	12	2.0	27	46	0.53	300
MW-2100	03/17/05	FD	< 0.50	1.8	4.3	66	8.7	4,600	2.3	12	1.9	27	44	< 0.50	330
MW-21	06/22/05	ORG	< 0.50	1.2	2.9	42	5.9	3,000	1.9	8.2	< 0.50	19	37	< 0.50	210 E
MW-21	06/22/05	SPT	< 1.0	1.1	2.9	42	6.2	2,400	1.7	7.2	1.2	18	35	< 1.0	1,100 JE
MW-21	09/22/05	ORG	< 0.50	0.64	1.8	26	4.4	1,700	1.4	4	< 0.50	12	33	< 0.50	250



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-21	12/19/05	ORG	< 0.50	< 0.50	2.8	31	< 0.50	4,100	< 0.50	7.4	< 0.50	10	18	< 0.50	430
MW-21	03/23/06	ORG	< 5.0	< 5.0	< 5.0	52	< 5.0	4,000	< 5.0	11	< 5.0	14	30	< 5.0	240
MW-21	03/23/06	SPT	< 0.50	< 3.00	< 3.00	40	< 3.00	2,900	< 3.00	< 3.00	< 3.00	< 3.00	30	< 3.00	250
MW-21	06/22/06	ORG	< 0.50	0.89	1.6	22	2.3	2,000	1.2	8.5	< 0.50	6.9	31	< 0.50	120
MW-21	06/22/06	SPT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	150
MW-21	09/27/06	ORG	< 2.5	< 2.5	< 2.5	17	< 2.5	1,400	< 2.5	3.3	< 2.5	4.2	30	< 2.5	1,100
MW-21	12/11/06	ORG	< 0.50	0.53	1.2	16	2	1,200	1.4	3.2	< 0.50	5.5	31	< 0.50	150
MW-21	12/11/06	SPT	< 7	< 7	< 7	10 E	< 7	1,000	< 7	< 7	< 7	< 7	30	< 7	180
MW-21	03/14/07	ORG	< 2.5	< 2.5	< 2.5	12 E	3.2	1,400	< 2.5	4.4	< 2.5	8.2	32	< 2.5	330
MW-2100	03/14/07	FD	< 2.5	< 2.5	< 2.5	18 E	3.2	1,400	< 2.5	4.3	< 2.5	8.6	33	< 2.5	320
MW-21	03/14/07	SPT	< 1.0	< 1.0	< 1.0	20 E	< 1.0	1,500	< 1.0	< 1.0	< 1.0	< 1.0	30	< 1.0	450
MW-21	06/20/07	ORG	< 1.0	< 1.0	< 1.0	19	< 1.0	1,400	< 1.0	< 1.0	< 1.0	< 1.0	35	< 1.0	240
MW-21	09/27/07	ORG	< 0.50	< 0.50	< 0.50	5.6	0.72	490	1.8	1.2	< 0.50	2.0	36	< 0.50	51
MW-21	12/13/07	ORG	< 0.50	< 0.50	0.50 U	4.8	< 0.50	320	1.8	0.96	< 0.50	1.4	41	< 0.50	47
MW-2100	12/13/07	FD	< 0.50	< 0.50	0.50 U	5.0	< 0.50	620	1.7	1.0	< 0.50	1.4	42	< 0.50	49
MW-21	12/13/07	SPT	< 5	< 5	< 5	< 5	< 5	480	< 5	< 5	< 5	< 5	40	< 5	54
MW-21	06/25/08	ORG	< 5	< 5	< 5	60	6.9	4,900	< 5	11	< 5	20	34	< 5	370
MW-2100	06/25/08	FD	< 5	< 5	< 5	60	7.0	5,100	< 5	11	< 5	20	34	< 5	380
MW-21	06/25/08	SPT	< 5	< 5	< 5	50	6.0	3,500	< 5	10	< 5	20	30	< 5	440
MW-21	07/08/08	ORG	< 10	< 10	< 10	47	< 10	3,500	< 10	11	< 10	16	26	< 10	410
MW-21	07/09/08	ORG	< 10	< 10	< 10	54	< 10	4,200	< 10	10	< 10	17	25	< 10	360
MW-21	07/10/08	ORG	< 5	< 5	< 5	38	5.2	3,800	< 5	12	< 5	13	23	< 5	330
MW-21	07/15/08	ORG	< 5	< 5	< 5	42	< 5	3,500	< 5	12	< 5	13	30	< 5	290
MW-21	07/16/08	ORG	< 5	< 5	< 5	47	5.5	4,800	< 5	9.7	< 5	14	26	< 5	310
MW-21	07/23/08	ORG	< 10	< 10	< 10	40	< 10	3,500	< 10	< 10	< 10	13	24	< 10	220
MW-21	07/30/08	ORG	< 10	< 10	< 10	41	< 10	3,400	< 10	< 10	< 10	10	20	< 10	230
MW-21	08/06/08	ORG	< 5	< 5	< 5	32	< 5	1,500	< 5	7.0	< 5	7.7	19	< 5	230
MW-21	08/25/08	ORG	< 5	< 5	< 5	21	< 5	1,800	< 5	5.1	< 5	6.3	16	< 5	150
MW-21	09/24/08	ORG	< 2.5	< 2.5	< 2.5	15	< 2.5	1,200	< 2.5	3.4	< 2.5	4.8	16	< 2.5	100
MW-21	10/22/08	ORG	< 2.5	< 2.5	< 2.5	13	< 2.5	1,200	< 2.5	3.2	< 2.5	3.0	14	< 2.5	95
MW-21	11/26/08	ORG	< 2.5	< 2.5	< 2.5	11	< 2.5	1,100	< 2.5	2.6	< 2.5	2.5	12	< 2.5	74
MW-21	02/25/09	ORG	< 2.5	< 2.5	< 2.5	7	< 2.5	720	< 2.5	< 2.5	< 2.5	< 2.5	12	< 2.5	83
MW-21	03/18/09	ORG	< 2.5	< 2.5	< 2.5	7.7	< 2.5	900	< 2.5	< 2.5	< 2.5	2.5	11	< 2.5	54
MW-21	04/29/09	ORG	< 2.5	< 2.5	< 2.5	7.8	< 2.5	860	< 2.5	< 2.5	< 2.5	< 2.5	14	< 2.5	65
MW-21	05/27/09	ORG	< 2.5	< 2.5	< 2.5	8.4	< 2.5	940	< 2.5	< 2.5	< 2.5	2.5	14	< 2.5	71
MW-21	06/29/09	ORG	< 0.5	< 0.5	0.64	7.4	0.81	860	0.63	2.1	< 0.5	2.1	17	< 0.5	68
MW-21	07/22/09	ORG	< 1.0	< 1.0	< 1.0	8.4	< 1.0	870	1.0	1.6	< 1.0	1.9	16	< 1.0	65
MW-21	08/14/09	ORG	< 2.5	< 2.5	< 2.5	8.8	< 2.5	900	< 2.5	< 2.5	< 2.5	< 2.5	18	< 2.5	72
MW-21	09/11/09	ORG	< 2.5	< 2.5	< 2.5	8.3	< 2.5	1,100	< 2.5	< 2.5	< 2.5	< 2.5	14	< 2.5	63
MW-21	10/08/09	ORG	< 2.5	< 2.5	< 2.5	9.2	< 2.5	830	< 2.5	< 2.5	< 2.5	< 2.5	19	< 2.5	76
MW-21	12/09/09	ORG	< 0.50	< 0.50	< 0.50	1.7	< 0.50	200	< 0.50	< 0.50	< 0.50	< 0.50	12	< 0.50	11
MW-21	03/05/10	ORG	< 1.0	< 1.0	< 1.0	2.9	< 1.0	370	< 1.0	< 1.0	< 1.0	< 1.0	14	< 1.0	21



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)															Semi-VOCs
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-21	06/11/10	ORG	< 2.0	< 2.0	< 2.0	8.6	< 2.0	800	< 2.0	< 2.0	< 2.0	< 2.0	22	< 2.0	40
MW-21	06/11/10	SPT	< 1	< 1	< 1	7	< 1	850	< 1	1	< 1	2	21	< 1	47
MW-21	09/08/10	ORG	< 2.0	< 2.0	< 2.0	12	< 2.0	1,000	< 2.0	< 2.0	< 2.0	< 2.0	21	< 2.0	74
MW-21	12/06/10	ORG	< 5.0	< 5.0	< 5.0	25	< 5.0	2,300	< 5.0	< 5.0	< 5.0	7.6	23	< 5.0	250
MW-21	12/06/10	SPT	< 5	< 5	< 5	10	< 5	1,600	< 5	< 5	5	< 5	10	< 5	360
MW-21	03/24/11	ORG	< 5.0	< 5.0	< 5.0	38	5.7	2,800	< 5.0	8.7	< 5.0	13	23	< 5.0	93 E
MW-21	03/24/11	SPT	< 1	1	2	33	4	2,400	2	6	< 1	13	18	2	560 E
MW-21 Historical Range***			< 0.50 - < 25	< 0.50 - 1.9	< 0.50 - 4.6	< 0.50 - 71	< 0.50 - 8.9	200 - 4,900	< 0.50 - 2.4	< 0.50 - 12	< 0.50 - 2.0	< 0.50 - 27	< 0.50 - 46	< 0.50 - 0.53	11 - 1,100
MW-22-203	07/28/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5
MW-22	09/23/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-22	10/08/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-22	12/15/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	03/30/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	06/14/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	09/21/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	12/07/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	03/14/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	06/21/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	09/20/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	12/18/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	03/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	06/20/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	09/26/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	12/13/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	03/12/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	06/18/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	09/25/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	12/10/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	03/18/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	06/25/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	09/23/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	12/16/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	03/17/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	06/22/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	09/01/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	12/09/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	03/02/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	06/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	09/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	12/07/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22	03/29/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-22 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5 - < 2.0
MW-23-199	08/12/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5
MW-23	09/23/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-23	10/08/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-23	12/15/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	03/29/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	06/15/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-23	09/20/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	12/07/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	03/14/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	06/21/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	09/20/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	12/18/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	03/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	06/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	09/26/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	12/12/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	03/12/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	06/18/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	09/24/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	12/11/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	03/17/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	06/25/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	09/23/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	12/16/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	03/17/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	06/23/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	09/01/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	12/10/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	03/02/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	06/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	09/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	12/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23	03/29/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-23 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5 - < 2.0
MW-24	09/23/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-2400	09/23/04	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	09/23/04	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0
MW-24	10/19/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	12/07/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-2400	12/07/04	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	03/14/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	06/21/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	09/21/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	12/18/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	03/20/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	06/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	09/26/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-24	12/13/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	03/13/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.7
MW-24	06/20/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-2400	06/20/07	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	06/20/07	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1
MW-24	09/25/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	12/11/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	03/17/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	06/26/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	09/24/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	12/16/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	03/16/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	06/24/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	09/02/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	12/10/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	03/03/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	06/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	09/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-24	12/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.0
MW-24	03/30/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
MW-24 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0 - 2.7
MW-26A	10/20/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26A	11/10/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26A	12/08/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	12/08/04	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	03/16/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	06/21/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	09/21/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	12/18/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	03/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	06/20/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	09/27/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	12/12/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	03/13/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	06/18/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	09/25/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	12/10/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	03/17/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	06/23/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	09/24/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	12/17/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	03/18/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	06/23/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-26A	09/02/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA

[illegible][illegible]



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-26C	12/18/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	03/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	06/20/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	09/27/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	12/12/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	03/13/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.55	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	06/19/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-2600C	06/19/07	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1
MW-26C	06/19/07	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	09/25/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	12/11/07	ORG	< 0.50	< 0.50	< 0.50	1.5	< 0.50	100	< 0.50	< 0.50	< 0.50	0.61	< 0.50	< 0.50	57
MW-26C	12/20/07	ORG	< 0.50	< 0.50	< 0.50	1.7	< 0.50	120	< 0.50	< 0.50	< 0.50	0.72	< 0.50	< 0.50	55 E
MW-2600C	12/20/07	FD	< 0.50	< 0.50	< 0.50	1.7	< 0.50	120	< 0.50	< 0.50	< 0.50	0.77	< 0.50	< 0.50	34 U
MW-26C	12/20/07	SPT	< 0.50	< 0.50	< 0.50	2	< 0.50	100	< 0.50	< 0.50	< 0.50	0.8	< 0.50	< 0.50	76 E
MW-26C	01/21/08	ORG	< 0.50	< 0.50	< 0.50	1.3	< 0.50	110	< 0.50	< 0.50	< 0.50	0.77	< 0.50	< 0.50	75
MW-26C	02/21/08	ORG	< 0.50	< 0.50	< 0.50	1.0	< 0.50	71	< 0.50	0.79	< 0.50	< 0.50	< 0.50	< 0.50	36
MW-26C	03/19/08	ORG	< 0.50	< 0.50	< 0.50	0.61	< 0.50	46	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	37 E
MW-2600C	03/19/08	FD	< 0.50	< 0.50	< 0.50	0.59	< 0.50	46	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	31 U
MW-26C	03/19/08	SPT	< 0.50	< 0.50	< 0.50	0.60	< 0.50	44	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	22 U
MW-26C	04/21/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	18	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	11
MW-26C	05/27/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	38	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	13
MW-26C	06/24/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	15	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.9
MW-26C	07/16/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	13	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.3
MW-26C	08/26/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.9
MW-26C	09/25/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.1 BU
MW-26C	12/17/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	16	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6.5
MW-26C	03/18/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	06/23/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	09/02/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.6
MW-26C	12/09/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.59	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	03/02/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	06/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	09/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	12/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-26C	03/25/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.91
Historical High/Low															LOW
MW-26C Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50 - 1.7	< 0.50	< 0.50 - 120	< 0.50	< 0.50 - 0.79	< 0.50	< 0.50 - 0.77	< 0.50	< 0.50	< 2.0 - 55 E
MW-27	05/27/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-2700	05/27/08	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	05/27/08	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1
MW-27	06/10/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	06/25/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	07/16/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	08/26/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-27	09/23/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	12/18/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	03/17/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	06/22/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	09/01/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	12/09/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	03/02/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	06/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	09/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	12/07/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-27	03/30/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.24
Historical High/Low															HIGH
MW-27 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-28	05/16/08	ORG	< 0.50	< 0.50	< 0.50	0.94	< 0.50	76 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	19
MW-2800	05/16/08	FD	< 0.50	< 0.50	< 0.50	0.98	< 0.50	78 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	20
MW-28	05/16/08	SPT	< 0.50	< 0.50	< 0.50	0.5	< 0.50	45 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	23
MW-28	05/27/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	22	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.2
MW-28	06/27/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	19	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.3
MW-28	07/17/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.8
MW-28	08/26/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-28	09/25/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	23	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.2 BE
MW-28	12/18/08	ORG	< 0.50	< 0.50	< 0.50	0.7	< 0.50	60	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	18
MW-28	03/17/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	41	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	14
MW-28	06/23/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	28	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.2
MW-28	09/01/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	27	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.1
MW-2800	09/01/09	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	33	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.4
MW-28	12/10/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	32	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.5
MW-28	03/04/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	18	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7.0
MW-28	06/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.1
MW-2800	06/09/10	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.0
MW-28	09/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.1
MW-28	12/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-28	03/30/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.2
Historical High/Low															LOW
MW-28 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50 - 0.94	< 0.50	3.5 - 76 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0 - 19
MW-29	08/26/08	ORG	< 0.50	< 0.50	< 0.50	1.5	< 0.50	150	< 0.50	< 0.50	< 0.50	0.50	0.60	< 0.50	54
MW-2900	08/26/08	FD	< 0.50	< 0.50	< 0.50	1.6	< 0.50	140	< 0.50	< 0.50	< 0.50	< 0.50	0.58	< 0.50	55
MW-29	08/26/08	SPT	< 1	< 1	< 1	1	< 1	120	< 1	< 1	< 1	< 1	< 1	< 1	67
MW-29	09/25/08	ORG	< 0.50	< 0.50	< 0.50	1.2 E	< 0.50	110 E	< 0.50	< 0.50	< 0.50	< 0.50	0.74 E	< 0.50	26 BE
MW-2900	09/25/08	FD	< 0.50	< 0.50	< 0.50	1.2	< 0.50	99	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.50	32 BE
MW-29	09/25/08	SPT	< 1	< 1	< 1	1	< 1	100	< 1	< 1	< 1	< 1	< 1	< 1	40 E
MW-29	12/18/08	ORG	< 1.0	< 1.0	< 1.0	4.7	< 1.0	400	< 1.0	1.3	< 1.0	1.4	4.3	< 1.0	98
MW-2900	12/18/08	FD	< 1.0	< 1.0	< 1.0	4.5	< 1.0	390	< 1.0	1.3	< 1.0	1.5	4.3	< 1.0	110
MW-29	03/17/09	ORG	< 0.50	< 0.50	0.62	5.2	1.0	530	< 0.50	1.5	< 0.50	1.9	4.0	0.81	110
MW-2900	03/17/09	FD	< 0.50	< 0.50	0.60	5.0	1.0	550	< 0.50	1.4	< 0.50	1.9	4.0	0.78	100



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-29	06/24/09	ORG	< 0.50	< 0.50	< 0.50	2.7	0.55	320	< 0.50	1.1	< 0.50	0.91	3.3	0.60	84
MW-29	09/02/09	ORG	< 0.50	< 0.50	< 0.50	2.7	0.57	310	< 0.50	0.97	< 0.50	0.93	3.4	0.62	71
MW-2900	09/02/09	FD	< 0.50	< 0.50	< 0.50	3.0	0.64	340	< 0.50	1.0	< 0.50	0.89	3.6	0.68	75
MW-29	12/10/09	ORG	< 0.50	< 0.50	< 0.50	3.0	0.50	290	< 0.50	0.97	< 0.50	0.84	3.5	0.54	74
MW-29	03/04/10	ORG	< 0.50	< 0.50	< 0.50	3.0	0.52	340	< 0.50	1.2	< 0.50	0.73	3.6	0.61	95
MW-2900	03/04/10	FD	< 0.50	< 0.50	< 0.50	3.0	0.50	320	< 0.50	1.1	< 0.50	0.64	3.9	0.58	96
MW-29	06/09/10	ORG	< 0.50	< 0.50	< 0.50	2.9	< 0.50	300	< 0.50	0.85	< 0.50	0.73	3.2	0.65	61
MW-29	09/09/10	ORG	< 0.50	< 0.50	< 0.50	1.1	< 0.50	140	< 0.50	< 0.50	< 0.50	< 0.50	1.0	< 0.50	30
MW-29	12/07/10	ORG	< 0.50	< 0.50	< 0.50	2.3	< 0.50	200	< 0.50	0.71	< 0.50	0.55	3.2	< 0.50	41
MW-2900	12/07/10	FD	< 0.50	< 0.50	< 0.50	2.2	< 0.50	220	< 0.50	0.71	< 0.50	0.53	3.1	< 0.50	43
MW-29	03/30/11	ORG	< 0.50	< 0.50	< 0.50	1.9	< 0.50	200	< 0.50	0.77	< 0.50	0.56	3.6	0.51	29
Historical High/Low														LOW	
MW-29 Historical Range***			< 0.50 - < 1.0	< 0.50 - < 1.0	< 0.50 - 0.62	1 - 5.2	< 0.50 - 1.0	99 - 550	< 0.50 - < 1.0	< 0.50 - 1.5	< 0.50 - < 1.0	< 0.50 - 1.9	0.58 - 4.3	< 0.50 - 0.81	30 - 110
MW-30A	12/18/08	ORG	< 0.50	< 0.50	< 0.50	2.9	0.67	270	< 0.50	0.58	< 0.50	1.1	0.72	< 0.50	86
MW-30A	12/18/08	SPT	< 1	< 1	< 1	3	< 1	290	< 1	< 1	< 1	1	< 1	< 1	110
MW-30A	01/07/09	ORG	< 0.50	< 0.50	< 0.50	2.5	0.57	270	< 0.50	0.52	< 0.50	0.95	0.52	< 0.50	95
MW-30A	03/17/09	ORG	< 0.50	< 0.50	< 0.50	1.1	< 0.50	140 E	< 0.50	< 0.50	< 0.50	0.57	< 0.50	< 0.50	53
MW-30A	03/17/09	SPT	< 1	< 1	< 1	< 1	< 1	69 E	< 1	< 1	< 1	< 1	< 1	< 1	40
MW-30A	06/23/09	ORG	< 0.50	< 0.50	< 0.50	0.89	< 0.50	80	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	32
MW-30A	06/23/09	SPT	< 1	< 1	< 1	< 1	< 1	79	< 1	< 1	< 1	< 1	< 1	< 1	38
MW-30A	09/02/09	ORG	< 0.50	< 0.50	< 0.50	1.2	< 0.50	140	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	46
MW-30A	09/02/09	SPT	< 1	< 1	< 1	1	< 1	110	< 1	< 1	< 1	< 1	< 1	< 1	54
MW-30A	12/10/09	ORG	< 0.50	< 0.50	< 0.50	1.1	< 0.50	92	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	36
MW-30A	03/03/10	ORG	< 0.50	< 0.50	< 0.50	1.1	< 0.50	85 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	43
MW-3000A	03/03/10	FD	< 0.50	< 0.50	< 0.50	1.1	< 0.50	65 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	41
MW-30A	06/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	24	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	13
MW-30A	09/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.6
MW-30A	12/10/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-30A	03/30/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.44
Historical High/Low														LOW	
MW-30A Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50 - 3	< 0.50 - 0.67	1.8 - 290	< 0.50	< 0.50 - 0.58	< 0.50	< 0.50 - 1.1	< 0.50 - 0.72	< 0.50	< 2.0 - 110
MW-30B	12/18/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.1	1.3	< 0.50	< 0.50	< 0.50	26	< 0.50	< 2.0
MW-30B	12/18/08	SPT	< 1	< 1	< 1	< 1	< 1	4	1	< 1	< 1	< 1	24	< 1	< 1
MW-30B	01/07/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-30B	03/17/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7.0	2.0	< 0.50	< 0.50	< 0.50	35	< 0.50	28E
MW-30B	03/17/09	SPT	< 1	< 1	< 1	< 1	< 1	5	2	< 1	< 1	< 1	30	< 1	< 1E
MW-30B	06/23/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.91	< 0.50	< 2.0
MW-30B	06/23/09	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-30B	09/02/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.96	< 0.50	< 2.0
MW-30B	09/02/09	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-30B	12/10/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.1	0.67	< 0.50	< 0.50	< 0.50	12	< 0.50	< 2.0
MW-3000B	12/10/09	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.1	0.70	< 0.50	< 0.50	< 0.50	12	< 0.50	< 2.0
MW-30B	12/10/09	SPT	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	10	< 1	< 1
MW-30B	03/03/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	9.4	< 0.50	< 2.0
MW-30B	06/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	13	4.3	< 0.50	< 0.50	< 0.50	78	< 0.50	< 2.0



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-30B	09/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	11	3.4	< 0.50	< 0.50	< 0.50	65	< 0.50	< 2.0
MW-3000B	09/08/10	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	13	3.7	< 0.50	< 0.50	< 0.50	70	< 0.50	< 2.0
MW-30B	12/10/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.9	2.8	< 0.50	< 0.50	< 0.50	49	< 0.50	< 2.0
MW-30B Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 - 13	< 0.50 - 4.3	< 0.50	< 0.50	< 0.50	< 0.50 - 78	< 0.50	< 2.0 - 28 E
MW-31	10/13/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	74	< 0.50	< 0.50	< 0.50	< 0.50	3.7	< 0.50	< 2.0
MW-3100	10/13/09	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	72	< 0.50	< 0.50	< 0.50	< 0.50	3.6	< 0.50	< 2.0
MW-31	11/04/09	ORG	< 0.50	< 0.50	< 0.50	1.7	< 0.50	290	0.77	< 0.50	< 0.50	< 0.50	13	< 0.50	4.1
MW-3100	11/04/09	FD	< 0.50	< 0.50	< 0.50	1.6	< 0.50	270	0.73	< 0.50	< 0.50	< 0.50	12	< 0.50	3.9
MW-31	11/04/09	SPT	< 1	< 1	< 1	2	< 1	270	< 1	< 1	< 1	< 1	11	< 1	< 4
MW-31	12/10/09	ORG	< 0.50	< 0.50	< 0.50	1.6	< 0.50	240	0.73	< 0.50	< 0.50	< 0.50	10	< 0.50	2.8
MW-3100	12/10/09	FD	< 0.50	< 0.50	< 0.50	1.6	< 0.50	230	0.72	< 0.50	< 0.50	< 0.50	11	< 0.50	2.8
MW-31	12/10/09	SPT	< 1	< 1	< 1	1	< 1	190	< 1	< 1	< 1	< 1	8	< 1	3
MW-31	03/03/10	ORG	< 0.50	< 0.50	< 0.50	0.50	< 0.50	90	< 0.50	< 0.50	< 0.50	< 0.50	4.2	< 0.50	< 2.0
MW-31	03/03/10	SPT	< 1	< 1	< 1	< 1	< 1	87	< 1	< 1	< 1	< 1	4	< 1	1
MW-31	06/09/10	ORG	< 0.50	< 0.50	< 0.50	3.0	< 0.50	370	1.2	< 0.50	< 0.50	< 0.50	15	< 0.50	5.3
MW-3100	06/09/10	FD	< 0.50	< 0.50	< 0.50	2.9	< 0.50	360	1.1	< 0.50	< 0.50	< 0.50	15	< 0.50	5.2
MW-31	06/09/10	SPT	< 1	< 1	< 1	3	< 1	370	< 1	< 1	< 1	< 1	15	< 1	7
MW-31	09/09/10	ORG	< 1.0	< 1.0	< 1.0	3.6	< 1.0	430	1.2	< 1.0	< 1.0	< 1.0	17	< 1.0	5.6
MW-31	09/09/10	SPT	< 1	< 1	< 1	3	< 1	430	< 1	< 1	< 1	< 1	15	< 1	7
MW-31	12/08/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	68	< 0.50	< 0.50	< 0.50	< 0.50	2.2	< 0.50	< 2.0
MW-31	03/28/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	25	< 0.50	< 0.50	< 0.50	< 0.50	2.2	< 0.50	0.25
MW-3100	03/28/11	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	27	< 0.50	< 0.50	< 0.50	< 0.50	2.3	< 0.50	0.25
Historical High/Low								LOW							LOW
MW-31 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50 - 3.6	< 0.50	68 - 430	< 0.50 - 1.2	< 0.50	< 0.50	< 0.50	2.2 - 17	< 0.50	< 2.0 - 7
MW-32A	01/04/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32A	01/04/10	DUP	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32A	01/04/10	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-32A	01/19/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32A	03/04/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32A	06/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32A	09/07/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32A	12/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32A	03/29/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
MW-32A Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32B	01/04/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	31	4.0	< 0.50	< 0.50	< 0.50	55	< 0.50	< 2.0
MW-32B	01/04/10	DUP	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	32	4.0	< 0.50	< 0.50	< 0.50	57	< 0.50	2.0
MW-32B	01/04/10	SPT	< 1	< 1	< 1	< 1	< 1	27	3	< 1	< 1	< 1	44	< 1	3
MW-32B	01/19/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	38	4.2	< 0.50	< 0.50	< 0.50	59	< 0.50	< 2.0
MW-32B	01/19/10	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	38	4.2	< 0.50	< 0.50	< 0.50	59	< 0.50	< 2.0
MW-32B	03/05/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	16	1.9	< 0.50	< 0.50	< 0.50	24	< 0.50	< 2.0
MW-32B	03/05/10	SPT	< 1	< 1	< 1	< 1	< 1	15	2	< 1	< 1	< 1	21	< 1	1
MW-32B	06/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	19	2.3	< 0.50	< 0.50	< 0.50	27	< 0.50	< 2.0
MW-3200B	06/09/10	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	26	3.0	< 0.50	< 0.50	< 0.50	33	< 0.50	< 2.0
MW-32B	09/07/10	ORG	< 0.50	< 0.50	< 0.50	0.50	< 0.50	58	5.7	< 0.50	< 0.50	< 0.50	63	< 0.50	3.0



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-32B	12/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	44	4.2	< 0.50	< 0.50	< 0.50	45	< 0.50	< 2.0
MW-3200B	12/09/10	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	46	4.3	< 0.50	< 0.50	< 0.50	46	< 0.50	2.0
MW-32B	12/09/10	SPT	< 1	< 1	< 1	< 1	< 1	27	3	< 1	< 1	< 1	37	< 1	3
MW-32B	03/29/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	42	4.2	< 0.50	< 0.50	< 0.50	46	< 0.50	0.49
Historical High/Low															
MW-32B Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50 - 0.50	< 0.50	16 - 58	1.9 - 5.7	< 0.50	< 0.50	< 0.50	24 - 63	< 0.50	< 2.0 - 3.0
MW-32C	01/05/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32C	01/05/10	DUP	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1
MW-32C	01/05/10	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2.0
MW-32C	01/19/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32C	03/05/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32C	06/10/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32C	09/07/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32C	12/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-32C	03/29/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
MW-32C Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-33	07/16/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.6	< 0.50	< 0.50	< 0.50	< 0.50	1.2	< 0.50	< 2.0
MW-3300	07/16/10	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.8	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 0.50	< 2.0
MW-33	07/16/10	SPT	< 1	< 1	< 1	< 1	< 1	4	< 1	< 1	< 1	< 1	1	< 1	< 1
MW-33	07/30/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.4	< 0.50	< 0.50	< 0.50	< 0.50	0.55	< 0.50	< 2.0
MW-33	09/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.3	< 0.50	< 0.50	< 0.50	< 0.50	0.69	< 0.50	< 2.0
MW-3300	09/09/10	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.4	< 0.50	< 0.50	< 0.50	< 0.50	0.74	< 0.50	< 2.0
MW-33	12/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	12	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	< 2.0
MW-3300	12/09/10	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	12	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	< 2.0
MW-33	03/28/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.0	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.20
MW-33 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.4 - 12	< 0.50	< 0.50	< 0.50	< 0.50	0.55 - 1.6	< 0.50	< 0.20 - < 2.0
MW-34A	02/25/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 2.0
MW-3400A	02/25/11	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.8	< 2.0
MW-34A	02/25/11	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-34A	03/10/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4	< 0.20
MW-34A	03/29/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0	< 0.20
MW-34A Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.0 - 1.6	< 0.20 - < 2.0
MW-34B	02/25/11	ORG	< 1.0	< 1.0	< 1.0	5.1	< 1.0	560	< 1.0	< 1.0	< 1.0	1.3	1.6	< 1.0	75
MW-3400B	02/25/11	FD	< 1.0	< 1.0	< 1.0	6.2	< 1.0	650	< 1.0	1.1	< 1.0	1.5	1.9	< 1.0	61
MW-34B	02/25/11	SPT	< 1	< 1	< 1	4	< 1	590	< 1	< 1	< 1	1	1	< 1	78
MW-34B	03/10/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	20 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.1
MW-3400B	03/10/11	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	25 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.3
MW-34B	03/10/11	SPT	< 1	< 1	< 1	< 1	< 1	12 E	< 1	< 1	< 1	< 1	< 1	< 1	6
MW-34B-1 ^(c)	03/15/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	28 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.9
MW-34B-1 ^(c)	03/15/11	SPT	< 1	< 1	< 1	< 1	< 1	18 E	< 1	< 1	< 1	< 1	< 1	< 1	7
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
MW-34B-2 ^(d)	03/15/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	23	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
MW-34B-3 ^(d)	03/15/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	30	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
MW-34B-4 ^(b)	03/15/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	31	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.0
MW-34B	03/29/11	ORG	< 0.50	< 0.50	< 0.50	0.51	< 0.50	27 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.4 E
MW-3400B	03/29/11	FD	< 0.50	< 0.50	< 0.50	0.53	< 0.50	37 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.4 E
MW-34B	03/29/11	SPT	< 1	< 1	< 1	< 1	< 1	31 E	< 1	< 1	< 1	< 1	< 1	< 1	13 E
MW-34B Historical Range***			< 0.50 - < 1.0	< 0.50 - < 1.0	< 0.50 - < 1.0	< 0.50 - 5.1	< 0.50 - < 1.0	20 - 560	< 0.50 - < 1.0	< 0.50 - < 1.0	< 0.50 - < 1.0	< 0.50 - 1.3	< 0.50 - 1.6	1.0 - 1.6	4.1 - 75
MW-34C	02/25/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-3400C	02/25/11	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-34C	02/25/11	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-34C	03/10/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
MW-34C	03/29/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
MW-34C	03/29/11	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-34C Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20 - < 2.0
MW-35A	01/19/11	ORG	< 0.50	< 0.50	67	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-3500A	01/19/11	FD	< 0.50	< 0.50	67	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-35A	01/19/11	SPT	< 1	< 1	50	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-35A	02/03/11	ORG	< 0.50	< 0.50	46 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-3500A	02/03/11	FD	< 0.50	< 0.50	49 E	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-35A	02/03/11	SPT	< 1	< 1	33 E	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-35A	03/28/11	ORG	< 0.50	< 0.50	20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
MW-35A Historical Range***			< 0.50	< 0.50	20 - 67	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20 - < 2.0
MW-35B	01/19/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-3500B	01/19/11	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-35B	01/19/11	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-35B	02/03/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-3500B	02/03/11	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-35B	02/03/11	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-35B	03/28/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
MW-35B Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20 - < 2.0
MW-35C	01/19/11	ORG	< 0.50	< 0.50	120	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-3500C	01/19/11	FD	< 0.50	< 0.50	120	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-35C	01/19/11	SPT	< 1	< 1	87	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-35C	02/03/11	ORG	< 0.50	< 0.50	0.59	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-3500C	02/03/11	FD	< 0.50	< 0.50	0.67	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
MW-35C	02/03/11	SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-35C	03/28/11	ORG	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
MW-3500C	03/28/11	FD	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
MW-35B Historical Range***			< 0.50	< 0.50	0.59 - 120	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20 - < 2.0



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)															Semi-VOCs
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
EW-01	6/22/2005	ORG	< 0.50	< 0.50	0.67	10	2.6	750	< 0.50	2.5	< 0.50	6.5	2.1	< 0.50	140 E
EW-100	6/22/2005	FD	< 0.50	< 0.50	0.65	11	2.6	740	< 0.50	2.5	< 0.50	6.8	2.2	< 0.50	150 E
EW-01	6/22/2005	SPT	< 1.0	< 1.0	< 1.0	10	2.5	600	< 1.0	2.2	< 1.0	6.3	1.9	< 1.0	600 E
EW-01	09/22/05	ORG	< 0.50	< 0.50	< 0.50	3	< 0.50	210 E	< 0.50	0.59	< 0.50	1.5	0.58	< 0.50	25 E
EW-100	09/22/05	FD	< 0.50	< 0.50	< 0.50	3.1	< 0.50	77 E	< 0.50	0.53	< 0.50	1.5	0.53	< 0.50	24 E
EW-01	09/22/05	SPT	< 0.50	< 0.50	< 0.50	2	< 0.50	120 E	< 0.50	0.5	< 0.50	1	< 0.50	< 0.50	73 E
EW-01	12/19/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.1
EW-100	12/19/05	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.74	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.5
EW-01	03/22/06	ORG	< 0.50	< 0.50	< 0.50	1.9	< 0.50	1.0	< 0.50	< 0.50	< 0.50	1.0	< 0.50	< 0.50	83
EW-100	03/22/06	FD	< 0.50	< 0.50	< 0.50	2.0	0.90	< 0.50	< 0.50	< 0.50	< 0.50	1.2	< 0.50	< 0.50	78
EW-01	06/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	25
EW-100	06/21/06	FD	< 0.50	< 0.50	< 0.50	0.51	< 0.50	5.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	27
EW-01	12/11/06	ORG	2	< 0.50	< 0.50	1.6	< 0.50	4.3 E	< 0.50	< 0.50	< 0.50	0.8	< 0.50	< 0.50	42
EW-01	12/11/06	SPT	2	< 0.50	< 0.50	1	< 0.50	68 E	< 0.50	< 0.50	< 0.50	0.6	< 0.50	< 0.50	48
EW-01	03/14/07	ORG	< 0.50	< 0.50	< 0.50	1.2	< 0.50	90	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	33
EW-100	03/14/07	FD	< 0.50	< 0.50	< 0.50	1.1	< 0.50	90	< 0.50	< 0.50	< 0.50	0.51	< 0.50	< 0.50	30
EW-01	06/22/07	ORG	< 0.50	< 0.50	0.57	< 0.50	< 0.50	24	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	15
EW-01	09/27/07	ORG	< 0.50	< 0.50	< 0.50	3.8	0.90	< 0.50	< 0.50	0.73	< 0.50	2.1	0.56	< 0.50	110
EW-01	12/13/07	ORG	< 0.50	0.53	1.2	16	4.0	820	0.52	3.3	< 0.50	10	2.8	< 0.50	660
EW-100	12/13/07	FD	< 0.50	0.55	1.1	16	4.2	710	< 0.50	3.4	< 0.50	9.7	2.7	< 0.50	650
EW-01	12/13/07	SPT	< 0.50	< 0.50	1	14	3	740	< 0.50	3	< 0.50	8.7	3	< 0.50	770
EW-01	06/25/08	ORG	< 0.50	< 0.50	0.61	9.5	2.2	1,600 E	< 0.50	2.6	< 0.50	5.7	2	< 0.50	710
EW-100	06/25/08	FD	< 1.0	< 1.0	< 1.0	8.8	2.2	840 E	1.1	2.6	< 1.0	5.7	1.8	< 1.0	800
EW-01	06/25/08	SPT	< 5	< 5	< 5	8	< 5	620 E	< 5	< 5	< 5	< 5	< 5	< 5	530
EW-01	07/08/08	ORG	< 2.5	< 2.5	< 2.5	8.5	< 2.5	720	< 2.5	2.6	< 2.5	5.5	< 2.5	< 2.5	490
EW-01	07/09/08	ORG	< 0.50	< 0.50	0.76	9.2	1.9	820	< 0.50	2.2	< 0.50	5.0	1.9	< 0.50	410
EW-01	07/10/08	ORG	< 0.50	< 0.50	< 0.50	6.1	1.5	580	< 0.50	2.1	< 0.50	3.2	1.3	< 0.50	340
EW-01	07/15/08	ORG	< 1.0	< 1.0	< 1.0	7.0	1.8	630	< 1.0	2.3	< 1.0	4.6	1.4	< 1.0	350
EW-01	07/16/08	ORG	< 1.0	< 1.0	< 1.0	7.2	1.7	1,000	< 1.0	1.8	< 1.0	3.9	1.9	< 1.0	320
EW-01	07/23/08	ORG	< 1.0	< 1.0	< 1.0	5.2	1.2	520	< 1.0	2.3	< 1.0	2.6	1.2	< 1.0	190
EW-01	07/30/08	ORG	< 1.0	< 1.0	< 1.0	5.5	1.1	360	< 1.0	1.2	< 1.0	2.6	1.0	< 1.0	200
EW-01	08/06/08	ORG	< 1.0	< 1.0	< 1.0	4.2	< 1.0	340	< 1.0	< 1.0	< 1.0	2.0	< 1.0	< 1.0	190
EW-01	08/25/08	ORG	< 0.50	< 0.50	< 0.50	3.0	0.62	230	< 0.50	0.84	< 0.50	1.5	0.65	< 0.50	130
EW-01	09/24/08	ORG	< 0.50	< 0.50	< 0.50	2.4	0.57	180	< 0.50	0.94	< 0.50	1.2	1.3	< 0.50	74
EW-01	10/22/08	ORG	< 0.50	< 0.50	< 0.50	2.7	0.5	200	< 0.50	0.66	< 0.50	1.2	0.54	< 0.50	120
EW-01	11/26/08	ORG	< 0.50	< 0.50	< 0.50	2.9	0.65	190	< 0.50	0.63	< 0.50	1.5	0.51	< 0.50	110
EW-01	02/25/09	ORG	< 0.50	< 0.50	< 0.50	4.8	0.93	360	< 0.50	< 0.50	< 0.50	3.0	1	< 0.50	160
EW-01	03/18/09	ORG	< 0.50	< 0.50	< 0.50	1.8	< 0.50	160	< 0.50	< 0.50	< 0.50	1.2	< 0.50	< 0.50	70
EW-01	04/29/09	ORG	< 0.50	< 0.50	< 0.50	1.6	< 0.50	150	< 0.50	0.60	< 0.50	0.86	< 0.50	< 0.50	80
EW-01	05/27/09	ORG	< 0.50	< 0.50	< 0.50	3.4	0.76	320	< 0.50	0.79	< 0.50	1.5	0.90	< 0.50	150
EW-01	06/29/09	ORG	< 0.50	< 0.50	< 0.50	2.2	0.53	200	< 0.50	0.76	< 0.50	1.2	0.58	< 0.50	120
EW-01	07/22/09	ORG	< 0.50	< 0.50	< 0.50	3.2	0.64	260	< 0.50	0.66	< 0.50	1.3	0.62	< 0.50	120
EW-01	08/14/09	ORG	< 0.50	< 0.50	< 0.50	2.2	< 0.50	190	< 0.50	< 0.50	< 0.50	0.98	< 0.50	< 0.50	81
EW-01	09/11/09	ORG	< 0.50	< 0.50	< 0.50	3.1	0.70	280	< 0.50	0.66	< 0.50	1.3	0.60	< 0.50	120
EW-01	10/08/09	ORG	< 0.50	< 0.50	< 0.50	2.0	< 0.50	150	< 0.50	< 0.50	< 0.50	0.92	< 0.50	< 0.50	87
EW-01	12/09/09	ORG	< 0.50	< 0.50	0.65	9.2	2.1	720	< 0.50	2.0	< 0.50	5.1	1.7	< 0.50	490



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Regional Groundwater System Monitor and Extraction Wells (cont'd)															
EW-01	03/05/10	ORG	< 1.0	< 1.0	< 1.0	6.7	1.6	500	< 1.0	1.9	< 1.0	3.2	1.6	< 1.0	370
EW-01	06/11/10	ORG	< 1.0	< 1.0	< 1.0	9.7	1.9	720	< 1.0	1.9	< 1.0	4.7	1.6	< 1.0	400
EW-01	09/08/10	ORG	< 1.0	< 1.0	< 1.0	10	2.4	720	< 1.0	2.0	< 1.0	4.7	2.0	< 1.0	370
EW-01	12/07/10	ORG	< 1.0	< 1.0	< 1.0	7.5	1.4	600 E	< 1.0	1.4	< 1.0	2.7	1.2	< 1.0	220
EW-01	12/07/10	SPT	< 5	< 5	< 5	< 5	< 5	340 E	< 5	< 5	< 5	< 5	< 5	< 5	290
EW-01	03/24/11	ORG	< 0.50	< 0.50	< 0.50	2.6	0.59	200	< 0.50	0.82	< 0.50	1.3	0.54	< 0.50	64
EW-01 Historical Range***			< 0.50 - 2	< 0.50 - 0.55	< 0.50 - 1.2	< 0.50 - 16	< 0.50 - 4.2	< 0.50 - 1,600 E	< 0.50 - 0.52	< 0.50 - 3.3	< 0.50 - < 2.5	< 0.50 - 10	< 0.50 - 2.8	< 0.50 - < 5.0	5.1 - 710
EW-02	10/30/09	ORG	< 0.50	< 0.50	< 0.50	0.70	< 0.50	52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	24
EW-200	10/30/09	FD	< 0.50	< 0.50	< 0.50	0.73	< 0.50	55	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	23
EW-02	03/22/10	ORG	< 0.50	< 0.50	< 0.50	0.92	< 0.50	82	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	22
EW-02	03/23/10	ORG	< 0.50	< 0.50	< 0.50	0.94	< 0.50	82	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	24
EW-02	03/24/10	ORG	< 0.50	< 0.50	< 0.50	0.85	< 0.50	74	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	25
EW-02	03/25/10	ORG	< 0.50	< 0.50	< 0.50	0.79	< 0.50	70	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	22
EW-02	03/26/10	ORG	< 0.50	< 0.50	< 0.50	0.83	< 0.50	76	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	19
EW-02	04/01/10	ORG	< 0.50	< 0.50	< 0.50	0.88	< 0.50	81	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	29
EW-02	04/09/10	ORG	< 0.50	< 0.50	< 0.50	0.90	< 0.50	85	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	31
EW-02	04/13/10	ORG	< 0.50	< 0.50	< 0.50	1.4	< 0.50	120	< 0.50	< 0.50	< 0.50	0.59	< 0.50	< 0.50	43
EW-02	04/23/10	ORG	< 0.50	< 0.50	< 0.50	1.0	< 0.50	91	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	35
EW-02	05/25/10	ORG	< 0.50	< 0.50	< 0.50	1.1	< 0.50	100	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	38
EW-02	06/10/10	ORG	< 0.50	< 0.50	< 0.50	1.4	< 0.50	120	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	40
EW-02	07/08/10	ORG	< 0.50	< 0.50	< 0.50	1.5	< 0.50	160	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	48
EW-02	08/02/10	ORG	< 0.50	< 0.50	< 0.50	1.3	< 0.50	150	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	42
EW-02	09/02/10	ORG	< 0.50	< 0.50	< 0.50	1.4	< 0.50	160	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	42
EW-02	10/07/10	ORG	< 0.50	< 0.50	< 0.50	1.4	< 0.50	140	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	39
EW-02	11/11/10	ORG	< 0.50	< 0.50	< 0.50	1.1	< 0.50	140	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	33
EW-02	12/07/10	ORG	< 0.50	< 0.50	< 0.50	1.0	< 0.50	130	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	29
EW-02	01/13/11	ORG	< 0.50	< 0.50	< 0.50	1.0	< 0.50	99	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	29
EW-02	02/03/11	ORG	< 0.50	< 0.50	< 0.50	0.88	< 0.50	83	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	22
EW-02	03/02/11	ORG	< 0.50	< 0.50	< 0.50	0.71	< 0.50	77	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	16
Historical High/Low															LOW
EW-02 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50 - 1.5	< 0.50	52 - 160	< 0.50	< 0.50	< 0.50	< 0.50 - 0.59	< 0.50	< 0.50	19 - 48
Perched Zone Piezometers															
P-07	06/23/97	ORG	< 1.0	14	8.3	154	< 1.0	23,300	5.1	52	1,400	22	39	< 1.0	NA
P-07	08/16/99	ORG	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	22,600	< 1,000	< 1,000	1,180	< 1,000	< 1,000	< 1,000	NA
P-07	01/26/00	ORG	6	< 5.0	< 5.0	64	< 5.0	4,730	< 5.0	17	270	17	17	< 5.0	NA
P-07	05/18/00	ORG	12	7.7	5.8	98	17	13,000	< 5.0	36	355	25	37	< 5.0	NA
P-07	05/10/01	ORG	3 J	2 J	3 J	44	11	4,100	< 5.0	12	54	14	34	< 5.0	2,020
P-07	10/24/01	ORG	< 25	< 25	< 25	< 25	< 25	930	< 25	< 25	< 25	< 25	< 25	< 25	1,560
P-07	04/18/02	ORG	< 5.0	< 5.0	< 5.0	23	7	2,200	< 5.0	6	14	7.7	9.3	< 5.0	2,200 J
P-07	04/18/02	SPT	0.9	1.1	2.1	27.2	7.1	1,360	0.9	5.4	13	6.8	9.8	2.1	1,960
P-07	11/21/02	ORG	0.82	< 0.50	2.1	24	7.4	1,900	1.2	7.7	< 0.50	8.0	12	3.8	2,800
P-07	06/11/03	ORG	0.84	< 0.50	1.9	25	7.0	1,600	0.98	7.3	7.6	7.6	10	3.8	3,100
P-07	09/25/03	ORG	0.57	< 0.50	1.9	17	< 0.50	890	0.75	3.5	3.2	7.1	5.8	1.8	1,300
P-07	12/17/03	ORG	0.68	1	1.8	25	6.8	1,400	1.1	6.1	6.5	7.3	9.6	1.3	990
P-07	03/31/04	ORG	< 5.0	< 5.0	< 5.0	26	< 5.0	2,100	< 5.0	7.8	6.7	6.0	11	< 5.0	920
P-07	06/17/04	ORG	< 5.0	< 5.0	< 5.0	23	< 5.0	1,600	< 5.0	< 5.0	< 5.0	7.0	7.9	< 5.0	990



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)															Semi-VOCs
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Perched Zone Piezometers (continued)															
P-07	12/15/04	ORG	< 5.0	< 5.0	0.72	8.3	3.4	640	< 5.0	1.9	< 0.50	3.3	3.1	< 5.0	360
P-07	03/23/06	ORG	1.3	3.4	3.7	45	10	3,900	1.8	12	< 0.50	6.7	16	3.4	2,100
P-07	03/23/06	SPT	< 3	< 3	< 3	30	< 3	3,200	< 3	< 3	< 3	< 3	< 3	< 3	1,900 J
P-07	06/22/06	ORG	< 5.0	< 5.0	< 5.0	32	8.7	4,200	< 5.0	14	< 5.0	6.0	18	< 5.0	1,400
P-07	06/22/06	SPT	< 20	< 20	< 20	30	< 20	3,100	< 20	< 20	< 20	< 20	< 20	< 20	NA
P-07	09/28/06	ORG	< 5.0	< 5.0	< 5.0	44	< 5.0	5,300	< 5.0	12	< 5.0	6.1	17	< 5.0	2,300
P-07	12/19/06	ORG	< 1.0	< 1.0	< 1.0	38	< 1.0	3,600	< 1.0	13	< 1.0	< 1.0	13	< 1.0	2,300
P-07	03/13/07	ORG	1.1	2.4	2.8	31	8	3,100	1.7	10	< 0.50	7.2	13	2.4	2,300
P-07	03/19/08	ORG	< 2.5	< 2.5	3.9	31	8.4	3,200	< 2.5	8.4	< 2.5	7.0	11	5.2	2,300
P-07	06/27/08	ORG	0.95	2.6	3.8 U	36	11	4,500	1.9	9.4	< 0.50	9.3	15	10	2,500
P-07	09/25/08	ORG	< 5.0	< 5.0	< 5.0	30	6.8	3,000	< 5.0	7.9	< 5.0	7.1	17	17	2,500 B
P-07	12/18/08	ORG	< 5.0	< 5.0	< 5.0	30	8.0	2,800	< 5.0	6.8	< 5.0	8.2	8.4	< 5.0	2,600
P-07	03/17/09	ORG	< 10	< 10	< 10	40	< 10	3,500	< 10	< 10	< 10	12	14	< 10	2,600
P-07	06/25/09	ORG	< 10	< 10	< 10	29	< 10	3,100	< 10	< 10	< 10	11	10	< 10	2,900
P-07	09/01/09	ORG	< 5.0	< 5.0	< 5.0	27	7.0	2,500	< 5.0	7.4	< 5.0	8.7	10	< 5.0	2,600
P-07	12/10/09	ORG	< 5.0	< 5.0	< 5.0	37	8.8	3,300	< 5.0	9.7	< 5.0	11	11	< 5.0	2,800
P-07	03/03/10	ORG	< 5.0	< 5.0	< 5.0	35	9.8	3,500	< 5.0	9.9	< 5.0	14	12	< 5.0	3,100
P-07	06/11/10	ORG	< 5.0	< 5.0	< 5.0	33	7.4	2,400	< 5.0	5.6	< 5.0	12	9.7	< 5.0	2,500
P-07	09/10/10	ORG	< 5.0	< 5.0	< 5.0	28	7.1	1,900	< 5.0	6.7	< 5.0	7.8	13	< 5.0	2,500
P-07	12/10/10	ORG	< 5.0	< 5.0	< 5.0	29	6.0	2,700	< 5.0	7.1	< 5.0	9.1	8.9	< 5.0	2,000
P-07	03/30/11	ORG	< 5.0	< 5.0	< 5.0	29	7.9	2,400	< 5.0	9.6	< 5.0	12	11	< 5.0	1,000
P-07 Historical Range***			0.57 - 12	1 - 14	0.72 - 8.3	8.3 - 154	< 0.50 - 17	640 - 23,300	0.75 - 5.1	1.9 - 52	< 0.50 - 1,400	< 1.0 - 25	3.1 - 39	< 1.0 - 17	360 - 3,100
P-09	09/25/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	10/08/03	ORG	< 0.50	< 0.50	< 0.50	0.87	< 0.50	67	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	12/18/03	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	32	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	03/30/04	ORG	< 0.50	< 0.50	< 0.50	0.76	< 0.50	130	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	06/17/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-900	06/17/04	FD	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.2
P-09	06/17/04	SPT	< 1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0
P-09	09/21/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.1
P-09	12/15/04	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.2
P-09	03/16/05	ORG	< 0.50	< 0.50	< 0.50	0.65	< 0.50	88	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.2
P-09	06/24/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	43 E	< 0.50	< 0.50	< 0.50	< 0.50	0.58	< 0.50	< 2.0
P-09	09/22/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	25	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	12/20/05	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	27	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.2
P-09	12/20/05	SPT	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	29	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3
P-09	03/22/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	8.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.8
P-09	06/21/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	20	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	09/28/06	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	19	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.2
P-09	12/18/06	ORG	< 0.50	< 0.50	< 0.50	0.53	< 0.50	37	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	03/13/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	14	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	06/21/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	09/26/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	12/12/07	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	03/18/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	06/26/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	09/26/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	12/16/08	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	17	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	03/17/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7.1



TABLE 4
PREVALENT VOLATILE ORGANIC COMPOUNDS AND 1,4-DIOXANE IN GROUNDWATER

Concentration (micrograms per liter)															
VOLATILE ORGANIC COMPOUNDS (FEDERAL MCL/CALIFORNIA MCL)														Semi-VOCs	
Well Identifier / Sample Identifier	Date Sampled	QA Code	Benzene (5/1)	Carbon Tetrachloride (5/0.5)	Chloroform (80/80)	1,1-DCA (--/5)	1,2-DCA (--/--)	1,1-DCE (7/6)	cis-1,2-DCE (70/6)	PCE (5/5)	1,1,1-TCA (200/200)	1,1,2-TCA (5/5)	TCE (5/5)	TCFM (--/150)	1,4-DIOXANE (3*/1**)
Perched Zone Piezometers (continued)															
P-09	06/25/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	12	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.7
P-09	09/01/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	12/08/09	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	18	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5
P-09	03/02/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	06/10/10	ORG	< 0.50	< 0.50	< 0.50	0.51	< 0.50	30	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	09/09/10	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	13	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	12/08/10	ORG	< 0.50	< 0.50	< 0.50	0.52	< 0.50	21	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0
P-09	03/30/11	ORG	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.86
Historical High/Low														LOW	
P-09 Historical Range***			< 0.50	< 0.50	< 0.50	< 0.50 - 0.87	< 0.50	1.2 - 130	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 - 0.58	< 0.50	< 2.0 - 7.1
Perched Zone Grab Samples (From Regional Groundwater System Monitor Well Boring)															
MW-6-W-104	01/16/97	ORG	< 1.0	12	33	500	< 1.0	19,000	24	89	2,800	223	73	< 1.0	NA
MW-9-113-PW	03/21/97	ORG	< 1.0	10	15	210	< 1.0	27,300	8.2	65	4,500	120	48	11	NA
QUALITY ASSURANCE/QUALITY CONTROL SAMPLES - FIRST QUARTER 2011															
RB-032511	3/25/2011	RB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
RB-032811	3/28/2011	RB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.74
RB-033011	3/30/2011	RB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.20
TB-011911	1/19/2011	TB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
TB-011911A	1/19/2011	TB, SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA
TB-020311	2/3/2011	TB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
TB-020311A	2/3/2011	TB, SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA
TB-022511	2/25/2011	TB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
TB-022511A	2/25/2011	TB, SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA
TB-031011	3/10/2011	TB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
TB-031011A	3/10/2011	TB, SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA
TB-032411	3/24/2011	TB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
TB-032411A	3/24/2011	TB, SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA
TB-032511	3/25/2011	TB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
TB-032811	3/28/2011	TB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
TB-032911	3/29/2011	TB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA
TB-032911A	3/29/2011	TB, SPT	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA
TB-033011	3/30/2011	TB	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	NA

NOTE: Detections are shown in **BOLD** type.

FOOTNOTES

^(a) Reconnaissance groundwater sample; results should be considered qualitative.

^(b) Groundwater sample collected after purging two additional casing volumes.

^(c) Groundwater sample collected after standard 3 purge volumes.

^(d) Groundwater sample collected after 10 purge volumes.

^(e) Groundwater sample collected after 30 purge volumes.

^(f) Groundwater sample collected after 50 purge volumes.

1,1-DCA = 1,1-Dichloroethane

1,2-DCA = 1,2-Dichloroethane

1,1-DCE = 1,1-Dichloroethene

cis-1,2-DCE = cis-1,2-Dichloroethene

PCE = Tetrachloroethene

1,1,1-TCA = 1,1,1-Trichloroethane

1,1,2-TCA = 1,1,2-Trichloroethane

TCE = Trichloroethene

TCFM = Trichlorofluoromethane

(<) = Less than; the value is the Limit of Detection for that compound

Semi-VOCs = Semivolatile organic compounds

E = Data qualified as Estimated in accordance with quality control criteria.

NA = Not analyzed for constituent

FD = Field duplicate sample

J = Data qualified as Estimated; does not meet calibration range acceptance criteria.

ORG = Original sample

QA = Quality Assurance

RB = Rinsate blank sample

SPT = Split sample

TB = Trip blank sample

U = Data qualified as Unusable because quality control criteria were not met.

ug/l = Micrograms per liter

MCL = Maximum contaminant level

* = 1,4-Dioxane Action Level of 3 ug/L

** = California Notification Level for 1,4-Dioxane of 1 ug/L

*** = Historical Range determined using original samples exclusively



TABLE 5

OTHER VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

WELL IDENTIFIER	DATE SAMPLED	QUALITY ASSURANCE CODE	COMPOUNDS	CONCENTRATION (micrograms per liter)
<u>Regional Groundwater System Monitor and Extraction Wells</u>				
EW-01	12/11/2006	SPT	Methylene chloride	4
EW-01	12/11/2006	SPT	Toluene	0.5 U
EW-01	12/13/2007	ORG	Vinyl chloride	0.58
EW-01	12/13/2007	FD	Vinyl chloride	0.6
EW-01	6/25/2008	ORG	Toluene	4.6
EW-01	6/25/2008	FD	Toluene	2.8
EW-02	10/30/2009	ORG	Toluene	0.85
EW-02	10/30/2009	FD	Toluene	0.78
MW-08	12/20/2005	SPT	Methylene chloride	3
MW-08	6/22/2006	ORG	Methylene chloride	0.62
MW-08	6/22/2006	FD	Methylene chloride	0.69
MW-16	4/16/2002	SPT	2-butanone	7
MW-16	4/16/2002	SPT	Acetone	20
MW-16	6/18/2004	ORG	Chlorobenzene	1.0
MW-16	12/10/2004	ORG	Methylene chloride	1.3
MW-18	11/19/2002	ORG	m,p-Xylene	0.54
MW-21	9/23/2003	FD	1,3-Dichloropropane	0.8
MW-21	12/17/2003	ORG	trans-1,2-Dichloroethylene	0.62
MW-21	3/17/2005	ORG	trans-1,2-Dichloroethylene	0.57
MW-21	12/11/2006	SPT	Acetone	40
MW-21	12/11/2006	SPT	Methylene chloride	50 E
MW-26C	12/20/2007	ORG	1,1-dichloropropene	0.93
MW-26C	9/8/2010	ORG	Toluene	3.7
MW-26C	12/8/2010	ORG	Toluene	22
MW-26C	3/25/2011	ORG	Toluene	15
MW-28	5/27/2008	ORG	Vinyl chloride	0.58
MW-28	3/30/2011	ORG	Chloromethane	0.91
MW-31	3/28/2011	ORG	Toluene	0.57
MW-31	3/28/2011	FD	Toluene	0.52

TABLE 5
OTHER VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

WELL IDENTIFIER	DATE SAMPLED	QUALITY ASSURANCE CODE	COMPOUNDS	CONCENTRATION (micrograms per liter)
Regional Groundwater System Monitor and Extraction Wells (Continued)				
MW-33	7/16/2010	SPT	Toluene	1
MW-33	7/16/2010	ORG	Toluene	1.4
MW-33	7/16/2010	FD	Toluene	1.1
MW-33	7/30/2010	ORG	Toluene	0.61
MW-33	9/9/2010	ORG	Toluene	0.65
MW-33	9/9/2010	FD	Toluene	0.55
MW-34A	2/25/2011	ORG	Toluene	1.7
MW-34A	2/25/2011	FD	Toluene	2.0
MW-34A	2/25/2011	SPT	Acetone	6 U
MW-34A	2/25/2011	SPT	Toluene	1
MW-34A	3/10/2011	ORG	Toluene	1.4
MW-34A	3/29/2011	ORG	Toluene	2.8
MW-34B	2/25/2011	SPT	Acetone	6 U
MW-34B	3/10/2011	ORG	Toluene	2.6
MW-34B	3/10/2011	FD	Toluene	2.7
MW-34B	3/10/2011	SPT	Acetone	6 U
MW-34B	3/10/2011	SPT	Toluene	2
MW-34B-1 (a)	3/15/2011	ORG	Toluene	2.0
MW-34B-1 (a)	3/15/2011	SPT	Toluene	1
MW-34B-2 (b)	3/15/2011	ORG	Toluene	1.4
MW-34B-3 (c)	3/15/2011	ORG	Toluene	0.60
MW-34B-4 (d)	3/15/2011	ORG	Toluene	0.57
MW-34B	3/29/2011	ORG	Toluene	1.6
MW-34B	3/29/2011	FD	Toluene	1.8
MW-34C	2/25/2011	ORG	Toluene	3.1
MW-34C	2/25/2011	SPT	Acetone	7 U
MW-34C	3/10/2011	ORG	Toluene	9.0
MW-34C	2/25/2011	FD	Toluene	3.7
MW-34C	3/29/2011	ORG	Toluene	3.1
MW-34C	3/29/2011	FD	Toluene	3.0
MW-35A	1/19/2011	ORG	Bromodichloromethane	4.3
MW-35A	1/19/2011	ORG	Bromoform	1.5
MW-35A	1/19/2011	ORG	Bromomethane	0.75
MW-35A	1/19/2011	ORG	Chloromethane	0.78
MW-35A	1/19/2011	ORG	Dibromochloromethane	2.5
MW-35A	1/19/2011	FD	Bromodichloromethane	4.0
MW-35A	1/19/2011	FD	Bromoform	1.4
MW-35A	1/19/2011	FD	Chloromethane	0.73

TABLE 5
OTHER VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

WELL IDENTIFIER	DATE SAMPLED	QUALITY ASSURANCE CODE	COMPOUNDS	CONCENTRATION (micrograms per liter)
<u>Regional Groundwater System Monitor and Extraction Wells (Continued)</u>				
MW-35A	1/19/2011	FD	Dibromochloromethane	2.4
MW-35A	1/19/2011	SPT	Bromodichloromethane	3
MW-35A	1/19/2011	SPT	Bromoform	2
MW-35A	1/19/2011	SPT	Dibromochloromethane	2
MW-35A	2/3/2011	ORG	Bromodichloromethane	3.6
MW-35A	2/3/2011	ORG	Bromoform	0.65
MW-35A	2/3/2011	ORG	Dibromochloromethane	1.7
MW-35A	2/3/2011	FD	Bromodichloromethane	4.1
MW-35A	2/3/2011	FD	Bromoform	0.69
MW-35A	2/3/2011	FD	Dibromochloromethane	2.0
MW-35A	2/3/2011	SPT	Bromodichloromethane	2
MW-35A	2/3/2011	SPT	Dibromochloromethane	1
MW-35A	3/28/2011	ORG	Bromodichloromethane	0.90
MW-35C	1/19/2011	ORG	Bromodichloromethane	11 E
MW-35C	1/19/2011	ORG	Bromoform	1.1
MW-35C	1/19/2011	ORG	Bromomethane	0.52
MW-35C	1/19/2011	ORG	Dibromochloromethane	3.6
MW-35C	1/19/2011	FD	Bromodichloromethane	10 E
MW-35C	1/19/2011	FD	Bromoform	1.1
MW-35C	1/19/2011	FD	Bromomethane	0.90
MW-35C	1/19/2011	FD	Chloromethane	0.64
MW-35C	1/19/2011	FD	Dibromochloromethane	3.5
MW-35C	1/19/2011	SPT	Bromodichloromethane	8 E
MW-35C	1/19/2011	SPT	Bromoform	1
MW-35C	1/19/2011	SPT	Dibromochloromethane	3
<u>Perched Zone Piezometers</u>				
P-07	6/22/2006	ORG	Methylene chloride	7.4
P-07	3/13/2007	ORG	Vinyl chloride	1.2
P-07	6/27/2008	ORG	Vinyl chloride	1.8
P-07	9/25/2008	ORG	Vinyl chloride	7.8
P-09	12/20/2005	SPT	Methylene chloride	3 U
<u>Perched Zone Grab Samples (From Regional Groundwater System Monitor Well Boring)</u>				
MW-6-W-104	1/16/1997	ORG	1,1,1,2-tetrachloroethane	1.6
MW-6-W-104	1/16/1997	ORG	1,2-Dichloropropane	2.1



TABLE 5

OTHER VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

WELL IDENTIFIER	DATE SAMPLED	QUALITY ASSURANCE CODE	COMPOUNDS	CONCENTRATION (micrograms per liter)
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FOOTNOTES

(a) Groundwater sample collected after standard 3 purge volumes.

(b) Groundwater sample collected after 10 purge volumes.

(c) Groundwater sample collected after 30 purge volumes.

(d) Groundwater sample collected after 50 purge volumes.

E = Estimated

FD = Field duplicate sample

ORG = Original sample

QA/QC = Quality assurance/quality control

SPT = Split sample

U = Unusable

TABLE 6
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM OPERATIONAL SUMMARY

OPERATIONAL PERIOD (MONTH/QUARTER/YEAR)	WELLFIELD PRODUCTION ^(a) (gallons)	AVERAGE DISCHARGE RATE ^(b) (gpm)	AVERAGE OPERATIONAL DISCHARGE RATE ^(c) (gpm)	OPERATIONAL HOURS DURING OPERATIONAL PERIOD	HOURS IN OPERATIONAL PERIOD	% OPERATIONAL
2008^(d)	3,659,562	13.8	18.2	3,358	4,416	76%
2009	5,787,848	11.0	18.1	5,319	8,760	61%
2010	14,295,261	27.2	46.4	5,131	8,760	59%
Jan-11	1,925,903	43.1	44.9	715	744	96%
Feb-11	1,710,464	42.4	49.9	571	672	85%
Mar-11	1,956,009	43.8	44.3	736	744	99%
1Q2011	5,592,377	43.2	46.1	2,021	2,160	94%
SINCE INCEPTION	29,335,048	20.3	30.9	15,830	24,096	66%

Notes:

(a) Based on Effluent totalizer readings from CEFF.

(b) Total volume of water treated during the operational period divided by the total number of minutes in that operational period.

(c) Total volume of water treated during the operational period divided by the minutes of operation in that operational period.

(d) Operational period beginning 7/1/2008 (first month of system operation).

gpm = gallons per minute

Refer to previous quarterly reports for detail of 2008 thru 2010 operational summary

Treatment of groundwater from EW-02 initiated in 2010

TABLE 7
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLING SCHEDULE

				SAMPLE FREQUENCY AND LOCATION															
				Daily Samples ¹ : Days 1-5					Weekly Samples ¹ : Weeks 1-4					Monthly Samples: Week 5+					Quarterly Samples: Week 1+
				Extraction Well head (EW-02) ²	Post-Filter (PF)	Post-Oxidation (POX)	Carbon Breakthrough (CBT)	Post-Carbon (CEFF)	Extraction Well head (EW-02) ²	Post-Filter (PF)	Post-Oxidation (POX)	Carbon Breakthrough (CBT)	Post-Carbon (CEFF)	Extraction Well head (EW-02) ²	Post-Filter (PF)	Post-Oxidation (POX)	Carbon Breakthrough (CBT)	Post-Carbon (CEFF)	Extraction Well head (EW-02) ²
COMPOUND(S) / CONSTITUENT	ANALYTICAL METHOD	SAMPLE CONTAINER	REPORTING DETECTION LIMITS (milligrams per liter)																
COMPOUNDS/CONSTITUENTS NORMALLY REQUIRED AS PART OF NPDES OR WDR PERMITS, PURSUANT TO CRWQCB REGION 8 ORDER NO. R8-2003-0085																			
Volatile Organic Compounds	8260B	QAPP ⁴	QAPP ⁴	X		X	X	X		X		X	X	X		X			
1,4-Dioxane	8270 Modified	QAPP ⁴	QAPP ⁴	X		X				X		X				X			
Total Suspended Solids	160.2	8-oz poly	10	(a)	(a)										X	X			
Total Dissolved Solids	160.1	QAPP ⁴	QAPP ⁴	(a)											X		X		
SELECTED METALS																			
Iron, Manganese, Calcium, Sodium, Magnesium	6010B	QAPP ⁴	QAPP ⁴	(a)													X		
Selenium	6010B	QAPP ⁴	QAPP ⁴														X		
SELECTED INORGANIC CONSTITUENTS																			
Hydroxide Alkalinity	310.1	QAPP ⁴	QAPP ⁴	(a)													X		
Bicarbonate Alkalinity	310.1	QAPP ⁴	QAPP ⁴	(a)													X		
Carbonate Alkalinity	310.1	QAPP ⁴	QAPP ⁴	(a)													X		
Total Alkalinity	310.1	QAPP ⁴	QAPP ⁴	(a)													X		
BROMATE EVALUATION																			
Bromate	317	125-ml poly	0.0005	X		X		X		X		X		X		X			
Bromide	300	8-oz poly	0.05	X		X		X		X		X		X		X			
OTHER CONSTITUENTS/COMPOUNDS																			
Total Organic Carbon	9060	60 ml poly, H2SO4	3	(a)													X		
Chloride, Sulfate, Nitrate, Nitrite, and Phosphate	300	1-Liter Poly	Varies 1 to 3	(a)													X		
Chemical Oxygen Demand	410.4	1-L glass, HCl	5	(a)													X		
Field Parameters																			
Dissolve Oxygen (DO)	N/A	N/A	N/A	X		X		X		X		X		X		X			
Electrical Conductance (EC)	N/A	N/A	N/A	X		X		X		X		X		X		X			
Redox Potential	N/A	N/A	N/A	X		X		X		X		X		X		X			
Temperature	N/A	N/A	N/A	X		X	X	X	X	X		X		X	X	X			
pH	N/A	N/A	N/A	X		X		X		X		X		X		X			
Turbidity	N/A	N/A	N/A	X	X					X	X				X	X			
Flow-Meter	N/A	N/A	N/A	X				X		X					X				

FOOTNOTES

(a) Only one sample to be collected during sampling period.

1.

Daily and weekly samples collected during the first month of operation will be repeated after major modifications to system equipment or operating parameters, as detailed in the Workplan.

2.

If more than one extraction well is in operation, combined influent samples will be collected in addition to extraction wellhead samples, with the same sampling schedule as the extraction wellheads

3. Carbon breakthrough will be collected from the effluent of the first carbon unit in series; when breakthrough of the first unit is detected, the breakthrough sample will be collected from the effluent of the second carbon unit in series.

4. QAPP, Quality Assurance Project Plan, Appendix B of Additional Groundwater Assessment Workplan, Hargis + Associates, Inc., April 25, 2003.

CRWQCB = California Regional Water Quality Control Board, Santa Ana Region

NPDES = National Pollutant Discharge Elimination System

WDR = Waste Discharge Requirement

TABLE 8
**SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES**

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
1,1,2-Trichloroethane (5 ug/L MCL)	07/08/08	ug/L	16	5.5	--	10	--	8.1	< 0.50	< 0.50
	07/09/08	ug/L	17	5.0	--	10	--	7.8	< 0.50	< 0.50
	07/10/08	ug/L	13	3.2	--	7.8	--	5.1	< 0.50	< 0.50
	07/15/08	ug/L	13	4.6	--	7.4	3.9	5.4	< 0.50	< 0.50
	07/16/08	ug/L	14	3.9	--	8.8	--	5.7	< 0.50	< 0.50
	07/23/08	ug/L	13	2.6	--	< 5.0	--	4.5	< 0.50	< 0.50
	07/30/08	ug/L	10	2.6	--	< 5.0	--	4.4	< 0.50	< 0.50
	08/06/08	ug/L	7.7	2.0	--	< 5.0	--	4.6	< 0.50	< 0.50
	08/25/08	ug/L	6.3	1.5	--	3.2	--	2.8	< 0.50	< 0.50
	09/24/08	ug/L	4.8	1.2	--	< 2.5	--	1.8	< 0.50	< 0.50
	10/22/08	ug/L	3.0	1.2	--	2.3	--	1.5	< 0.50	< 0.50
	11/26/08	ug/L	2.5	1.5	--	2.3	--	1.7	< 0.50	< 0.50
	02/25/09	ug/L	< 2.5	3.0	--	2.3	--	1.9	< 0.50	< 0.50
	3/18/2009	ug/L	2.5	1.2	--	1.3	--	1.3	< 0.50	< 0.50
	4/29/2009	ug/L	< 2.5	0.86	--	1.5	--	1.0	< 0.50	< 0.50
	5/27/2009	ug/L	< 2.5	1.5	--	1.6	--	1.4	< 0.50	< 0.50
	6/29/2009	ug/L	2.1	1.2	--	1.6	--	1.2	< 0.50	< 0.50
	07/22/09	ug/L	1.9	1.3	--	1.6	--	1.2	< 0.50	< 0.50
	08/14/09	ug/L	< 2.5	0.98	--	1.6	--	0.97	< 0.50	< 0.50
	09/11/09	ug/L	< 2.5	1.3	--	1.7	--	1.0	< 0.50	< 0.50
	10/08/09	ug/L	< 2.5	0.92	--	1.5	--	1.2	< 0.50	< 0.50
	12/09/09	ug/L	< 0.50	5.1	--	2.5	--	1.7	< 0.50	< 0.50
	03/05/10	ug/L	<1.0	3.2	--	--	--	--	--	--
	03/22/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/23/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/24/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/25/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/26/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/01/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/09/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/13/10	ug/L	--	--	0.59	--	--	< 0.50	< 0.50	< 0.50
	04/23/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	05/25/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	06/10/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	06/11/10	ug/L	< 2.0	4.7	--	--	--	--	--	--
	07/08/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	08/02/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	09/02/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	09/08/10	ug/L	< 2.0	< 1.0	--	--	--	--	--	--
	10/07/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	11/11/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	12/06/10	ug/L	7.6	--	--	--	--	--	--	--
	12/06/10 Split Sample	ug/L	5	--	--	--	--	--	--	--
	12/07/10	ug/L	--	2.7	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	12/07/10 Split Sample	ug/L	--	< 5	--	--	--	--	--	--
	01/13/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	02/03/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/02/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/24/11	ug/L	13	1.3	--	--	--	--	--	--
	03/24/11 Split Sample	ug/L	13	--	--	--	--	--	--	--

TABLE 8
**SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES**

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
1,1-Dichloroethane (5 ug/L MCL)	07/08/08	ug/L	47	8.5	--	23	--	17	< 0.50	< 0.50
	07/09/08	ug/L	54	9.2	--	29	--	18	< 0.50	< 0.50
	07/10/08	ug/L	38	6.1	--	21	--	11	< 0.50	< 0.50
	07/15/08	ug/L	42	7.0	--	22	7.0	11	< 0.50	< 0.50
	07/16/08	ug/L	47	7.2	--	28	--	14	< 0.50	< 0.50
	07/23/08	ug/L	40	5.2	--	23	--	9.0	< 0.50	< 0.50
	07/30/08	ug/L	41	5.5	--	18	--	9.9	< 0.50	< 0.50
	08/06/08	ug/L	32	4.2	--	17	--	14	< 0.50	< 0.50
	08/25/08	ug/L	21	3.0	--	11	--	6.4	< 0.50	< 0.50
	09/24/08	ug/L	15	2.4	--	8.0	--	3.5	< 0.50	< 0.50
	10/22/08	ug/L	13	2.7	--	8.1	--	4.5	< 0.50	< 0.50
	11/26/08	ug/L	11	2.9	--	8.3	--	4.5	0.75	< 0.50
	02/25/09	ug/L	6.6	4.8	--	5.7	--	3.7	1.1	< 0.50
	3/18/2009	ug/L	7.7	1.8	--	4.4	--	2.8	2.2	< 0.50
	4/29/2009	ug/L	7.8	1.6	--	4.3	--	2.3	2.6	< 0.50
	5/27/2009	ug/L	8.4	3.4	--	5.5	--	4.0	4.0	0.6
	6/29/2009	ug/L	7.4	2.2	--	4.5	--	3.1	4.3	1.1
	07/22/09	ug/L	8.4	3.2	--	5.8	--	3.5	5.4	2.1
	08/14/09	ug/L	8.8	2.2	--	5.1	--	3.2	5.0	2.7
	09/11/09	ug/L	8.3	3.1	--	5.8	--	2.9	4.8	3.4
	10/08/09	ug/L	9.2	2.0	--	5.1	--	3.8	5.4	4.1
	12/09/09	ug/L	1.7	9.2	--	4.9	--	3.2	4.6	3.8
	03/05/10	ug/L	2.9	6.7	--	--	--	--	--	--
	03/22/10	ug/L	--	--	0.92	--	--	0.62	< 0.50	< 0.50
	03/23/10	ug/L	--	--	0.94	--	--	0.67	< 0.50	< 0.50
	03/24/10	ug/L	--	--	0.85	--	--	0.62	< 0.50	< 0.50
	03/25/10	ug/L	--	--	0.79	--	--	0.52	< 0.50	< 0.50
	03/26/10	ug/L	--	--	0.83	--	--	0.66	< 0.50	< 0.50
	04/01/10	ug/L	--	--	0.88	--	--	< 0.50	< 0.50	< 0.50
	04/09/10	ug/L	--	--	0.90	--	--	0.77	< 0.50	< 0.50
	04/13/10	ug/L	--	--	1.4	--	--	0.85	< 0.50	< 0.50
	04/23/10	ug/L	--	--	1.0	--	--	0.80	< 0.50	< 0.50
	05/25/10	ug/L	--	--	1.1	--	--	0.87	< 0.50	< 0.50
	06/10/10	ug/L	--	--	1.4	--	--	0.99	< 0.50	< 0.50
	06/11/10	ug/L	8.6	9.7	--	--	--	--	--	--
	07/08/10	ug/L	--	--	1.5	--	--	1.2	0.59	< 0.50
	08/02/10	ug/L	--	--	1.3	--	--	1.0	0.82	< 0.50
	09/02/10	ug/L	--	--	1.4	--	--	1.0	0.98	0.56
	09/08/10	ug/L	12	10	--	--	--	--	--	--
	10/07/10	ug/L	--	--	1.4	--	--	1.1	1.1	0.70
	11/11/10	ug/L	--	--	1.1	--	--	0.97	1.0	0.86
	12/06/10	ug/L	25	--	--	--	--	--	--	--
	12/06/10	Split Sample	ug/L	10	--	--	--	--	--	--
	12/07/10	ug/L	--	7.5	1.0	--	--	0.81	1.0	0.89
	12/07/10	Split Sample	ug/L	--	< 5	--	--	--	--	--
	01/13/11	ug/L	--	--	1.0	--	--	0.73	0.99	1.0
	02/03/11	ug/L	--	--	0.88	--	--	0.77	0.83	0.94
	03/02/11	ug/L	--	--	0.71	--	--	< 0.50	0.70	0.83
	03/24/11	ug/L	38	2.6	--	--	--	--	--	--
	03/24/11	Split Sample	ug/L	33	--	--	--	--	--	--

TABLE 8
SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
1,1-Dichloroethene (6 ug/L MCL)	07/08/08	ug/L	3,500	720	--	2,100	--	46	< 0.50	< 0.50
	07/09/08	ug/L	4,200	820	--	3,000	--	5.0	0.50	< 0.50
	07/10/08	ug/L	3,800	580	--	2,000	--	0.83	< 0.50	< 0.50
	07/15/08	ug/L	3,500	630	--	2,100	400	< 0.50	< 0.50	< 0.50
	07/16/08	ug/L	4,800	1,000	--	2,800	--	0.87	< 0.50	< 0.50
	07/23/08	ug/L	3,500	520	--	2,100	--	0.73	< 0.50	< 0.50
	07/30/08	ug/L	3,400	360	--	1,400	--	1.6	< 0.50	< 0.50
	08/06/08	ug/L	1,500	340	--	1,500	--	12	< 0.50	< 0.50
	08/25/08	ug/L	1,800	230	--	1,100	--	25	< 0.50	< 0.50
	09/24/08	ug/L	1,200	180	--	610	--	0.65	< 0.50	< 0.50
	10/22/08	ug/L	1,200	200	--	730	--	11	< 0.50	< 0.50
	11/26/08	ug/L	1,100	190	--	730	--	2.5	< 0.50	< 0.50
	02/25/09	ug/L	720	360	--	570	--	2.5	< 0.50	< 0.50
	3/18/2009	ug/L	900	160	--	460	--	< 0.50	< 0.50	< 0.50
	4/29/2009	ug/L	860	150	--	470	--	< 0.50	< 0.50	< 0.50
	5/27/2009	ug/L	940	320	--	590	--	< 0.50	< 0.50	< 0.50
	6/29/2009	ug/L	860	200	--	510	--	< 0.50	< 0.50	< 0.50
	07/22/09	ug/L	870	260	--	580	--	< 0.50	< 0.50	< 0.50
	08/14/09	ug/L	900	190	--	540	--	< 0.50	< 0.50	< 0.50
	09/11/09	ug/L	1,100	280	--	610	--	< 0.50	< 0.50	< 0.50
	10/08/09	ug/L	830	150	--	600	--	< 0.50	< 0.50	< 0.50
	12/09/09	ug/L	200	720	--	400	--	1.8	< 0.50	< 0.50
	03/05/10	ug/L	370	500	--	--	--	--	--	--
	03/22/10	ug/L	--	--	82	--	--	< 0.50	< 0.50	< 0.50
	03/23/10	ug/L	--	--	82	--	--	< 0.50	< 0.50	< 0.50
	03/24/10	ug/L	--	--	74	--	--	< 0.50	< 0.50	< 0.50
	03/25/10	ug/L	--	--	70	--	--	< 0.50	< 0.50	< 0.50
	03/26/10	ug/L	--	--	76	--	--	< 0.50	< 0.50	< 0.50
	04/01/10	ug/L	--	--	81	--	--	< 0.50	< 0.50	< 0.50
	04/09/10	ug/L	--	--	85	--	--	< 0.50	< 0.50	< 0.50
	04/13/10	ug/L	--	--	120	--	--	< 0.50	< 0.50	< 0.50
	04/23/10	ug/L	--	--	91	--	--	< 0.50	< 0.50	< 0.50
	05/25/10	ug/L	--	--	100	--	--	< 0.50	< 0.50	< 0.50
	06/10/10	ug/L	--	--	120	--	--	< 0.50	< 0.50	< 0.50
	06/11/10	ug/L	800	720	--	--	--	--	--	--
	07/08/10	ug/L	--	--	160	--	--	< 0.50	< 0.50	< 0.50
	08/02/10	ug/L	--	--	150	--	--	< 0.50	< 0.50	< 0.50
	09/02/10	ug/L	--	--	160	--	--	< 0.50	< 0.50	< 0.50
	09/08/10	ug/L	1000	720	--	--	--	--	--	--
	10/07/10	ug/L	--	--	140	--	--	< 0.50	< 0.50	< 0.50
	11/11/10	ug/L	--	--	140	--	--	< 0.50	< 0.50	< 0.50
	12/06/10	ug/L	2300	--	--	--	--	--	--	--
	12/06/10	Split Sample	ug/L	1600	--	--	--	--	--	--
	12/07/10	ug/L	--	600	130	--	--	< 0.50	< 0.50	< 0.50
	12/07/10	Split Sample	ug/L	--	340	--	--	--	--	--
	01/13/11	ug/L	--	--	99	--	--	< 0.50	< 0.50	< 0.50
	02/03/11	ug/L	--	--	83	--	--	< 0.50	< 0.50	< 0.50
	03/02/11	ug/L	--	--	77	--	--	0.50	< 0.50	< 0.50
	03/24/11	ug/L	2800	200	--	--	--	--	--	--
	03/24/11	Split Sample	ug/L	2400	--	--	--	--	--	--

TABLE 8
**SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES**

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
1,2-Dichloroethane (0.5 ug/L MCL)	07/08/08	ug/L	< 10	< 2.5	--	3.8	--	2.7	< 0.50	< 0.50
	07/09/08	ug/L	< 10	1.9	--	< 5	--	2.4	< 0.50	< 0.50
	07/10/08	ug/L	5.2	1.5	--	3.1	--	1.4	< 0.50	< 0.50
	07/15/08	ug/L	< 5.0	1.8	--	< 5.0	1.4	1.5	< 0.50	< 0.50
	07/16/08	ug/L	5.5	1.7	--	< 5.0	--	1.5	< 0.50	< 0.50
	07/23/08	ug/L	< 10	1.2	--	< 5.0	--	1.2	< 0.50	< 0.50
	07/30/08	ug/L	< 10	1.1	--	< 5.0	--	1.3	< 0.50	< 0.50
	08/06/08	ug/L	< 5.0	< 1.0	--	< 5.0	--	2.1	< 0.50	< 0.50
	08/25/08	ug/L	< 5.0	0.62	--	< 2.5	--	0.79	< 0.50	< 0.50
	09/24/08	ug/L	< 2.5	0.57	--	< 2.5	--	0.51	< 0.50	< 0.50
	10/22/08	ug/L	< 2.5	0.50	--	< 1	--	< 0.50	< 0.50	< 0.50
	11/26/08	ug/L	< 2.5	0.65	--	1.0	--	0.62	< 0.50	< 0.50
	02/25/09	ug/L	< 2.5	0.93	--	< 1.0	--	0.50	< 0.50	< 0.50
	3/18/2009	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	4/29/2009	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	5/27/2009	ug/L	< 2.5	0.76	--	< 1.0	--	0.50	< 0.50	< 0.50
	6/29/2009	ug/L	0.81	0.53	--	0.68	--	0.50	0.53	< 0.50
	07/22/09	ug/L	< 1.0	0.64	--	< 1.0	--	< 0.50	0.57	< 0.50
	08/14/09	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	0.59	< 0.50
	09/11/09	ug/L	< 2.5	0.70	--	< 1.0	--	< 0.50	0.62	< 0.50
	10/08/09	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	0.66	< 0.50
	12/09/09	ug/L	< 0.50	2.1	--	1.1	--	0.61	0.57	< 0.50
	03/05/10	ug/L	< 1.0	1.6	--	--	--	--	--	--
	03/22/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/23/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/24/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/25/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/26/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/01/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/09/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/13/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/23/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	05/25/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	06/10/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	06/11/10	ug/L	< 2.0	1.9	--	--	--	--	--	--
	07/08/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	08/02/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	09/02/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	09/08/10	ug/L	< 2.0	2.4	--	--	--	--	--	--
	10/07/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	11/11/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	12/06/10	ug/L	< 5.0	--	--	--	--	--	--	--
	12/06/10	Split Sample	ug/L	< 5	--	--	--	--	--	--
	12/07/10	ug/L	--	1.4	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	12/07/10	Split Sample	ug/L	--	< 5	--	--	--	--	--
	01/13/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	02/03/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/02/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/24/11	ug/L	5.7	0.59	--	--	--	--	--	--
	03/24/11	Split Sample	ug/L	4	--	--	--	--	--	--

TABLE 8
**SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES**

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
cis-1,2-Dichloroethene (6 ug/L MCL)	07/08/08	ug/L	< 10	< 2.5	--	0.95	--	< 0.50	< 0.50	< 0.50
	07/09/08	ug/L	< 10	< 0.50	--	< 5	--	< 0.50	< 0.50	< 0.50
	07/10/08	ug/L	< 5.0	< 0.50	--	0.90	--	< 0.50	< 0.50	< 0.50
	07/15/08	ug/L	< 5.0	< 1.0	--	< 5.0	0.57	< 0.50	< 0.50	< 0.50
	07/16/08	ug/L	< 5.0	< 1.0	--	< 5.0	--	< 0.50	< 0.50	< 0.50
	07/23/08	ug/L	< 10	< 1.0	--	< 5.0	--	< 0.50	< 0.50	< 0.50
	07/30/08	ug/L	< 10	< 1.0	--	< 5.0	--	< 0.50	< 0.50	< 0.50
	08/06/08	ug/L	< 5.0	< 1.0	--	< 5.0	--	< 0.50	< 0.50	< 0.50
	08/25/08	ug/L	< 5.0	< 0.50	--	< 2.5	--	< 0.50	< 0.50	< 0.50
	09/24/08	ug/L	< 2.5	< 0.50	--	< 2.5	--	< 0.50	< 0.50	< 0.50
	10/22/08	ug/L	< 2.5	< 0.50	--	< 1	--	< 0.50	< 0.50	< 0.50
	11/26/08	ug/L	< 2.5	< 0.50	--	< 1	--	< 0.50	< 0.50	< 0.50
	02/25/09	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	3/18/2009	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	4/29/2009	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	5/27/2009	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	6/29/2009	ug/L	0.63	< 0.50	--	< 0.5	--	< 0.50	< 0.50	< 0.50
	07/22/09	ug/L	1.0	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	08/14/09	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	09/11/09	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	10/08/09	ug/L	< 2.5	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	12/09/09	ug/L	< 0.50	< 0.50	--	< 1.0	--	< 0.50	< 0.50	< 0.50
	03/05/10	ug/L	< 1.0	< 1.0						
	03/22/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/23/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/24/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/25/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/26/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/01/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/09/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/13/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/23/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	05/25/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	06/10/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	06/11/10	ug/L	< 2.0	< 1.0	--	--	--	--	--	--
	07/08/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	08/02/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	09/02/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	09/08/10	ug/L	< 2.0	< 1.0	--	--	--	--	--	--
	10/07/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	11/11/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	12/06/10	ug/L	< 5.0	--	--	--	--	--	--	--
	12/06/10	Split Sample	ug/L	< 5	--	--	--	--	--	--
	12/07/10	ug/L	--	< 1.0	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	12/07/10	Split Sample	ug/L	--	< 5	--	--	--	--	--
	01/13/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	02/03/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/02/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/24/11	ug/L	< 5.0	< 0.50	--	--	--	--	--	--
	03/24/11	Split Sample	ug/L	2	--	--	--	--	--	--

TABLE 8
SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
Tetrachloroethene (5 ug/L MCL)	07/08/08	ug/L	11	2.6	--	7.1	--	0.84	< 0.50	< 0.50
	07/09/08	ug/L	10	2.2	--	6.6	--	0.51	< 0.50	< 0.50
	07/10/08	ug/L	12	2.1	--	6.3	--	< 0.50	< 0.50	< 0.50
	07/15/08	ug/L	12	2.3	--	< 5.0	1.8	< 0.50	< 0.50	< 0.50
	07/16/08	ug/L	10	1.8	--	< 5.0	--	< 0.50	< 0.50	< 0.50
	07/23/08	ug/L	< 10	2.3	--	5.8	--	< 0.50	< 0.50	< 0.50
	07/30/08	ug/L	< 10	1.2	--	< 5.0	--	< 0.50	< 0.50	< 0.50
	08/06/08	ug/L	7.0	< 1.0	--	< 5.0	--	0.66	< 0.50	< 0.50
	08/25/08	ug/L	5.1	0.84	--	3.0	--	< 0.50	< 0.50	< 0.50
	09/24/08	ug/L	3.4	0.94	--	< 2.5	--	< 0.50	< 0.50	< 0.50
	10/22/08	ug/L	3.2	0.66	--	2.0	--	< 0.50	< 0.50	< 0.50
	11/26/08	ug/L	2.6	0.63	--	1.9	--	< 0.50	< 0.50	< 0.50
	02/25/09	ug/L	< 2.5	1.1	--	1.6	--	< 0.50	< 0.50	< 0.50
	3/18/2009	ug/L	< 2.5	< 0.50	--	1.3	--	< 0.50	< 0.50	< 0.50
	4/29/2009	ug/L	< 2.5	0.60	--	1.3	--	< 0.50	< 0.50	< 0.50
	5/27/2009	ug/L	< 2.5	0.79	--	1.3	--	< 0.50	< 0.50	< 0.50
	6/29/2009	ug/L	2.1	0.76	--	1.2	--	< 0.50	< 0.50	< 0.50
	07/22/09	ug/L	1.6	0.66	--	1.1	--	< 0.50	< 0.50	< 0.50
	08/14/09	ug/L	< 2.5	< 0.50	--	1.1	--	< 0.50	< 0.50	< 0.50
	09/11/09	ug/L	< 2.5	0.66	--	1.2	--	< 0.50	< 0.50	< 0.50
	10/08/09	ug/L	< 2.5	< 0.50	--	1.1	--	< 0.50	< 0.50	< 0.50
	12/09/09	ug/L	< 0.50	2.0	--	1.1	--	< 0.50	< 0.50	< 0.50
	03/05/10	ug/L	< 1.0	1.9	--	--	--	--	--	--
	03/22/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/23/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/24/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/25/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/26/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/01/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/09/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/13/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/23/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	05/25/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	06/10/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	06/11/10	ug/L	< 2.0	1.9	--	--	--	--	--	--
	07/08/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	08/02/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	09/02/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	09/08/10	ug/L	< 2.0	2	--	--	--	--	--	--
	10/07/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	11/11/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	12/06/10	ug/L	< 5.0	--	--	--	--	--	--	--
	12/06/10	Split Sample	ug/L	< 5	--	--	--	--	--	--
	12/07/10	ug/L	--	1.4	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	12/07/10	Split Sample	ug/L	--	< 5	--	--	--	--	--
	01/13/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	02/03/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/02/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/24/11	ug/L	8.7	0.82	--	--	--	--	--	--
	03/24/11	Split Sample	ug/L	6	--	--	--	--	--	--

TABLE 8

SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
Trichloroethene (5 ug/L MCL)	07/08/08	ug/L	26	< 2.5	--	13	--	0.57	< 0.50	< 0.50
	07/09/08	ug/L	25	1.9	--	15	--	< 0.50	< 0.50	< 0.50
	07/10/08	ug/L	23	1.3	--	12	--	< 0.50	< 0.50	< 0.50
	07/15/08	ug/L	30	1.4	--	14	11	< 0.50	< 0.50	< 0.50
	07/16/08	ug/L	26	1.9	--	15	--	< 0.50	< 0.50	< 0.50
	07/23/08	ug/L	24	1.2	--	12	--	< 0.50	< 0.50	< 0.50
	07/30/08	ug/L	20	1.0	--	9.0	--	< 0.50	< 0.50	< 0.50
	08/06/08	ug/L	19	< 1.0	--	10	--	< 0.50	< 0.50	< 0.50
	08/25/08	ug/L	16	0.65	--	8.7	--	< 0.50	< 0.50	< 0.50
	09/24/08	ug/L	16	1.3	--	3.8	--	< 0.50	< 0.50	< 0.50
	10/22/08	ug/L	14	0.54	--	7.3	--	< 0.50	< 0.50	< 0.50
	11/26/08	ug/L	12	0.51	--	8.4	--	< 0.50	< 0.50	< 0.50
	02/25/09	ug/L	12	1.0	--	6.7	--	< 0.50	< 0.50	< 0.50
	3/18/2009	ug/L	11	< 0.50	--	5.6	--	< 0.50	< 0.50	< 0.50
	4/29/2009	ug/L	14	< 0.50	--	6.7	--	< 0.50	< 0.50	< 0.50
	5/27/2009	ug/L	14	0.90	--	7.2	--	< 0.50	< 0.50	< 0.50
	6/29/2009	ug/L	17	0.58	--	8.1	--	< 0.50	< 0.50	< 0.50
	07/22/09	ug/L	16	0.62	--	7.7	--	< 0.50	< 0.50	< 0.50
	08/14/09	ug/L	18	< 0.50	--	8.7	--	< 0.50	< 0.50	< 0.50
	09/11/09	ug/L	14	0.60	--	7.5	--	< 0.50	< 0.50	< 0.50
	10/08/09	ug/L	19	< 0.50	--	9.4	--	< 0.50	< 0.50	< 0.50
	12/09/09	ug/L	12	1.7	--	7.4	--	< 0.50	< 0.50	< 0.50
	03/05/10	ug/L	14	1.6	--	--	--	--	--	--
	03/22/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/23/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/24/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/25/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/26/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/01/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/09/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/13/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	04/23/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	05/25/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	06/10/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	06/11/10	ug/L	22	1.6	--	--	--	--	--	--
	07/08/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	08/02/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	09/02/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	09/08/10	ug/L	21	2.0	--	--	--	--	--	--
	10/07/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	11/11/10	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	12/06/10	ug/L	23	--	--	--	--	--	--	--
	12/06/10	Split Sample	ug/L	10	--	--	--	--	--	--
	12/07/10	ug/L	--	1.2	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	12/07/10	Split Sample	ug/L	--	< 5	--	--	--	--	--
	01/13/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	02/03/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/02/11	ug/L	--	--	< 0.50	--	--	< 0.50	< 0.50	< 0.50
	03/24/11	ug/L	23	0.54	--	--	--	--	--	--
	03/24/11	Split Sample	ug/L	18	--	--	--	--	--	--

TABLE 8
**SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES**

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
1,4-Dioxane (1 ug/L California Notification Level)	07/08/08	ug/L	410	490	--	460	--	35	--	--
	07/09/08	ug/L	360	410	--	360	--	13	--	--
	07/10/08	ug/L	330	340	--	310	--	6.4	--	--
	07/15/08	ug/L	290	350	--	320	220	3.4	--	--
	07/16/08	ug/L	310	320	--	350	--	3.7	--	--
	07/23/08	ug/L	220	190	--	220	--	5.2	--	--
	07/30/08	ug/L	230	200	--	220	--	6.3	--	--
	08/06/08	ug/L	230	190	--	200	--	18	--	6.8
	08/25/08	ug/L	150	130	--	140	--	10	--	< 0.50
	09/24/08	ug/L	100	74	--	91	--	< 2.0	--	--
	10/22/08	ug/L	95	120	--	120	--	6.4	--	--
	11/26/08	ug/L	74	110	--	91	--	4.5	--	--
	02/25/09	ug/L	83	160	--	120	--	6.4	--	--
	3/18/2009	ug/L	54	70	--	69	--	2.0	--	--
	4/29/2009	ug/L	65	80	--	74	--	2.9	--	--
	5/27/2009	ug/L	71	150	--	110	--	2.5	--	--
	6/29/2009	ug/L	68	120	--	87	--	2.4	--	--
	07/22/09	ug/L	65	120	--	100	--	< 2.0	--	--
	08/14/09	ug/L	72	81	--	80	--	2.0	--	--
	09/11/09	ug/L	63	120	--	90	--	2.6	--	--
	10/08/09	ug/L	76	87	--	82	--	< 2.0	--	--
	12/09/09	ug/L	11	490	--	180	--	4.3	--	--
	03/05/10	ug/L	21	370	--	--	--	--	--	--
	03/22/10	ug/L	--	--	22	--	--	< 2.0	--	--
	03/23/10	ug/L	--	--	24	--	--	< 2.0	--	--
	03/24/10	ug/L	--	--	25	--	--	< 2.0	--	--
	03/25/10	ug/L	--	--	22	--	--	< 2.0	--	--
	03/26/10	ug/L	--	--	19	--	--	6	--	--
	04/01/10	ug/L	--	--	29	--	--	< 2.0	--	--
	04/09/10	ug/L	--	--	31	--	--	< 2.0	--	--
	04/13/10	ug/L	--	--	43	--	--	< 2.0	--	--
	04/23/10	ug/L	--	--	35	--	--	< 2.0	--	--
	05/25/10	ug/L	--	--	38	--	--	< 2.0	--	--
	06/10/10	ug/L	--	--	40	--	--	< 2.0	--	--
	06/11/10	ug/L	40	400	--	--	--	--	--	--
	07/08/10	ug/L	--	--	48	--	--	< 2.0	--	--
	08/02/10	ug/L	--	--	42	--	--	< 2.0	--	--
	09/02/10	ug/L	--	--	42	--	--	< 2.0	--	--
	09/08/10	ug/L	74	370	--	--	--	--	--	--
	10/07/10	ug/L	--	--	39	--	--	< 2.0	--	--
	11/11/10	ug/L	--	--	33	--	--	< 2.0	--	--
	12/06/10	ug/L	250	--	--	--	--	--	--	--
	12/06/10	Split Sample	ug/L	360	--	--	--	--	--	--
	12/07/10	ug/L	--	220	29	--	--	< 2.0	--	--
	12/07/10	Split Sample	ug/L	--	290	--	--	--	--	--
	01/13/11	ug/L	--	--	29	--	--	6.4	--	--
	02/03/11	ug/L	--	--	22	--	--	< 2.0	--	--
	03/02/11	ug/L	--	--	16	--	--	0.43	--	--
	03/24/11	ug/L	93	64	--	--	--	--	--	--
	03/24/11	Split Sample	ug/L	560	--	--	--	--	--	--

TABLE 8
SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
Bromide	07/08/08	ug/L	1,100	600	--	830	680	800	--	590
	07/09/08	ug/L	830	460	--	610	--	610	--	610
	07/10/08	ug/L	820	470	--	640	--	600	--	620
	07/15/08	ug/L	890	450	--	680	690	610	--	760
	07/16/08	ug/L	640	490	--	830	--	600	--	600
	07/23/08	ug/L	910	670	--	1,100	--	830	--	960
	07/30/08	ug/L	3,100	1,300	--	2,400	--	2,600	--	2,700
	08/06/08	ug/L	910	560	--	590	--	590	--	780
	08/25/08	ug/L	870	390	--	620	--	590	--	580
	09/24/08	ug/L	710	320	--	510	--	490	--	550
	10/22/08	ug/L	970	610	--	750	--	700	--	700
	11/26/08	ug/L	1,100	740	--	1,000	--	1,000	--	880
	02/25/09	ug/L	2,000	410	--	580	--	580	--	570
	3/18/2009	ug/L	900	440	--	670	--	660	--	610
	4/29/2009	ug/L	960	380	--	650	--	650	--	720
	5/27/2009	ug/L	1,000	380	--	660	--	670	--	680
	6/29/2009	ug/L	1,200	300	--	560	--	630	--	650
	07/22/09	ug/L	1,100	430	--	870	--	820	--	830
	08/14/09	ug/L	1,600	480	--	1,100	--	1,100	--	1,100
	09/11/09	ug/L	970	490	--	620	--	590	--	1,000
	10/08/09	ug/L	1,100	420	--	910	--	770	--	820
	12/09/09	ug/L	1,400	540	--	920	--	880	--	980
	03/22/10	ug/L	--	--	360	--	--	350	--	360
	03/23/10	ug/L	--	--	360	--	--	350	--	330
	03/24/10	ug/L	--	--	340	--	--	330	--	320
	03/25/10	ug/L	--	--	320	--	--	320	--	320
	03/26/10	ug/L	--	--	330	--	--	310	--	310
	04/01/10	ug/L	--	--	360	--	--	310	--	340
	04/09/10	ug/L	--	--	310	--	--	300	--	290
	04/13/10	ug/L	--	--	370	--	--	330	--	320
	04/23/10	ug/L	--	--	300	--	--	380	--	300
	05/25/10	ug/L	--	--	450	--	--	330	--	340
	06/10/10	ug/L	--	--	340	--	--	330	--	330
	07/08/10	ug/L	--	--	300	--	--	330	--	330
	08/02/10	ug/L	--	--	270	--	--	280	--	280
	09/02/10	ug/L	--	--	250	--	--	270	--	230
	10/07/10	ug/L	--	--	250	--	--	260	--	250
	11/11/10	ug/L	--	--	200	--	--	190	--	180
	12/07/10	ug/L	--	--	280	--	--	270	--	280
	01/13/11	ug/L	--	--	250	--	--	240	--	260
	02/03/11	ug/L	--	--	220	--	--	220	--	220
	03/02/11	ug/L	--	--	230	--	--	230	--	220

TABLE 8
SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
Bromate (10 ug/L MCL)	07/08/08	ug/L	< 4	< 4	--	< 4	< 0.50	< 4	--	< 4
	07/09/08	ug/L	< 4	< 4	--	< 4	--	19	--	< 4
	07/10/08	ug/L	< 4	< 4	--	6.0	--	44	--	18
	07/15/08	ug/L	< 4	< 4	--	< 4	< 4	77	--	< 4
	07/16/08	ug/L	< 4	< 4	--	< 4	--	61	--	47
	07/23/08	ug/L	< 4	< 4	--	< 4	--	< 4	--	63
	07/30/08	ug/L	< 4	< 4	--	< 4	--	< 4	--	23
	08/06/08	ug/L	< 4	< 4	--	< 4	--	5.0	--	< 4
	08/25/08	ug/L	< 5.0	< 5.0	--	< 5.0	--	7.8	--	17
	09/24/08	ug/L	< 0.5	< 0.5	--	< 0.5	--	59	--	39
	10/22/08	ug/L	< 0.5	< 0.5	--	< 5	--	< 25	--	< 5
	11/26/08	ug/L	< 4	< 4	--	< 4	--	< 4	--	< 4
	02/25/09	ug/L	< 4	< 4	--	< 4	--	5.0	--	< 4
	3/18/2009	ug/L	< 4	< 4	--	< 4	--	22	--	7.0
	4/29/2009	ug/L	< 4	< 4	--	6.0	--	31	--	34
	5/27/2009	ug/L	< 4	< 4	--	< 4	--	24	--	26
	6/29/2009	ug/L	< 4	< 4	--	< 4	--	18	--	15
	07/22/09	ug/L	< 4	< 4	--	< 4	--	15	--	26
	08/14/09	ug/L	< 4	< 4	--	< 4	--	< 4	--	39
	09/11/09	ug/L	< 4	< 4	--	< 4	--	9.0	--	22
	10/08/09	ug/L	< 4	< 4	--	< 4	--	17	--	24
	12/09/09	ug/L	< 4	< 4	--	< 4	--	18	--	23
	03/22/10	ug/L	--	--	< 0.9	--	--	13.1	--	4.2
	03/23/10	ug/L	--	--	< 0.5	--	--	16.4	--	30.1
	03/24/10	ug/L	--	--	< 0.5	--	--	10.5	--	12.4
	03/25/10	ug/L	--	--	< 0.5	--	--	11.6	--	10.3
	03/26/10	ug/L	--	--	< 0.5	--	--	8.7	--	5.3
	04/01/10	ug/L	--	--	< 0.5	--	--	12.7	--	< 0.5
	04/09/10	ug/L	--	--	< 0.5	--	--	9.6	--	10.5
	04/13/10	ug/L	--	--	< 0.5	--	--	7.3	--	8.4
	04/23/10	ug/L	--	--	< 0.5	--	--	7.4	--	7.0
	05/25/10	ug/L	--	--	< 0.5	--	--	6.8	--	7.0
	06/10/10	ug/L	--	--	< 0.5	--	--	7.7	--	6.6
	07/08/10	ug/L	--	--	0.6	--	--	7.3	--	6.7
	08/02/10	ug/L	--	--	< 0.5	--	--	6.8	--	6.8
	09/02/10	ug/L	--	--	< 0.5	--	--	7.0	--	7.3
	10/07/10	ug/L	--	--	< 0.5	--	--	10.9	--	7.1
	11/11/10	ug/L	--	--	< 0.5	--	--	7	--	11
	12/07/10	ug/L	--	--	< 0.5	--	--	4.8	--	3.5
	01/13/11	ug/L	--	--	< 0.5	--	--	9.3	--	7.3
	1/13/2011									
	Duplicate									
	Sample	ug/L	--	--	--	--	--	--	--	7.9
	02/03/11	ug/L	--	--	< 0.5	--	--	7.2	--	7.0
	2/3/11									
	Duplicate									
	Sample	ug/L	--	--	--	--	--	--	--	7.0
	03/02/11	ug/L	--	--	< 0.5	--	--	10.2	--	8.4

TABLE 8
**SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES**

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
Total Non-Filterable Residue	07/08/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	07/09/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	07/10/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	07/15/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	07/16/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	07/23/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	07/30/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	08/06/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	08/25/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	09/24/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	10/22/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	11/26/08	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	02/25/09	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	3/18/2009	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	4/29/2009	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	5/27/2009	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	6/29/2009	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	07/22/09	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	08/14/09	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	09/11/09	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	10/08/09	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	12/09/09	mg/L	< 10	< 10	--	< 10	< 10	--	--	--
	03/22/10	mg/L	--	--	< 10	--	< 10	--	--	--
	05/25/10	mg/L	--	--	< 10	--	< 10	--	--	--
	06/10/10	mg/L	--	--	< 10	--	< 10	--	--	--
	07/08/10	mg/L	--	--	< 10	--	< 10	--	--	--
	08/02/10	mg/L	--	--	< 10	--	< 10	--	--	--
	09/10/10	mg/L	--	--	< 10	--	< 10	--	--	--
	10/07/10	mg/L	--	--	< 10	--	< 10	--	--	--
	11/11/10	mg/L	--	--	< 10	--	< 10	--	--	--
	12/07/10	mg/L	--	--	< 10	--	< 10	--	--	--
	01/13/11	mg/L	--	--	< 10	--	< 10	--	--	--
	02/03/11	mg/L	--	--	< 10	--	< 10	--	--	--
	03/02/11	mg/L	--	--	< 10	--	< 10	--	--	--

TABLE 8
SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
Total Filterable Residue (500 mg/L MCL)	07/08/08	mg/L	1,000	770	--	870	--	880	--	--
	07/09/08	mg/L	1,100	830	--	930	--	960	--	--
	07/10/08	mg/L	1,100	830	--	970	--	950	--	--
	07/15/08	mg/L	1,200	840	--	1,000	--	1,000	--	--
	07/16/08	mg/L	1,200	890	--	1,100	--	1,000	--	--
	07/23/08	mg/L	1,100	850	--	980	--	940	--	--
	07/30/08	mg/L	1,100	800	--	910	--	890	--	--
	08/06/08	mg/L	940	710	--	810	--	810	--	--
	08/25/08	mg/L	1,000	740	--	860	--	870	--	--
	09/24/08	mg/L	960	770	--	810	--	840	--	830
	10/22/08	mg/L	910	790	--	860	--	860	--	850
	11/26/08	mg/L	870	770	--	840	--	850	--	860
	02/25/09	mg/L	840	770	--	810	--	840	--	860
	3/18/2009	mg/L	890	780	--	830	--	840	--	860
	4/29/2009	mg/L	1,000	800	--	930	--	910	--	940
	5/27/2009	mg/L	1,200	790	--	910	--	910	--	880
	6/29/2009	mg/L	1,100	740	--	920	--	830	--	880
	07/22/09	mg/L	1,100	800	--	940	--	620	--	930
	08/14/09	mg/L	1,200	770	--	950	--	920	--	940
	09/11/09	mg/L	1,200	810	--	1,000	--	940	--	1,300
	10/08/09	mg/L	1,100	790	--	950	--	940	--	960
	12/09/09	mg/L	1,200	820	--	1,100	--	1,100	--	1,100
	03/22/10	mg/L	--	--	730	--	--	--	--	--
	05/25/10	mg/L	--	--	660	--	--	660	--	650
	06/10/10	mg/L	--	--	670	--	--	670	--	660
	07/08/10	mg/L	--	--	660	--	--	650	--	660
	08/02/10	mg/L	--	--	660	--	--	650	--	660
	09/10/10	mg/L	--	--	650	--	--	650	--	640
	10/07/10	mg/L	--	--	700	--	--	680	--	700
	11/11/10	mg/L	--	--	660	--	--	650	--	660
	12/07/10	mg/L	--	--	660	--	--	650	--	660
	01/13/11	mg/L	--	--	670	--	--	680	--	670
	02/03/11	mg/L	--	--	670	--	--	710	--	700
	03/02/11	mg/L	--	--	660	--	--	670	--	680

TABLE 8
**SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES**

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
Total Calcium	03/22/10	mg/L	--	--	110	--	--	--	--	--
Dissolved Calcium	03/22/10	mg/L	--	--	110	--	--	--	--	--
	06/10/10	mg/L	--	--	110	--	--	--	--	--
	09/02/10	mg/L	--	--	83	--	--	--	--	--
	12/07/10	mg/L	--	--	100	--	--	--	--	--
	03/02/11	mg/L	--	--	99	--	--	--	--	--
Total Iron	03/22/10	mg/L	--	--	< 0.50	--	--	--	--	--
Dissolved Iron	03/22/10	mg/L	--	--	< 0.50	--	--	--	--	--
	06/10/10	mg/L	--	--	< 0.50	--	--	--	--	--
	09/02/10	mg/L	--	--	< 0.50	--	--	--	--	--
	12/07/10	mg/L	--	--	< 0.50	--	--	--	--	--
	03/02/11	mg/L	--	--	< 0.50	--	--	--	--	--
Total Magnesium	03/22/10	mg/L	--	--	32	--	--	--	--	--
Dissolved Magnesium	03/22/10	mg/L	--	--	30	--	--	--	--	--
	06/10/10	mg/L	--	--	33	--	--	--	--	--
	09/02/10	mg/L	--	--	26	--	--	--	--	--
	12/07/10	mg/L	--	--	32	--	--	--	--	--
	03/02/11	mg/L	--	--	32	--	--	--	--	--
Total Manganese	03/22/10	mg/L	--	--	< 0.50	--	--	--	--	--
Dissolved Manganese	03/22/10	mg/L	--	--	< 0.50	--	--	--	--	--
	06/10/10	mg/L	--	--	< 0.50	--	--	--	--	--
	09/02/10	mg/L	--	--	< 0.50	--	--	--	--	--
	12/07/10	mg/L	--	--	< 0.50	--	--	--	--	--
	03/02/11	mg/L	--	--	< 0.50	--	--	--	--	--
Total Sodium	03/22/10	mg/L	--	--	87	--	--	--	--	--
Dissolved Sodium	03/22/10	mg/L	--	--	95	--	--	--	--	--
	06/10/10	mg/L	--	--	110	--	--	--	--	--
	09/02/10	mg/L	--	--	71	--	--	--	--	--
	12/07/10	mg/L	--	--	78	--	--	--	--	--
	03/02/11	mg/L	--	--	86	--	--	--	--	--
Total Selenium (0.05 mg/L MCL)	08/25/08	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	09/24/08	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	10/22/08	mg/L	< 0.01	0.012	--	0.012	--	--	--	--
	11/26/08	mg/L	< 0.01	0.013	--	0.011	--	--	--	--
	02/25/09	mg/L	0.010	< 0.010	--	< 0.010	--	--	--	--
	3/18/2009	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	4/29/2009	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	5/27/2009	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	6/29/2009	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	07/22/09	mg/L	0.013	< 0.010	--	0.012	--	--	--	--
	08/14/09	mg/L	< 0.010	< 0.010	--	0.010	--	--	--	--
	09/11/09	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	10/08/09	mg/L	0.012	0.011	--	0.012	--	--	--	--
	12/09/09	mg/L	0.013	0.01	--	0.014	--	--	--	--
	06/10/10	mg/L	--	--	< 0.010	--	--	--	--	--
	09/02/10	mg/L	--	--	0.010	--	--	--	--	--
	12/07/10	mg/L	--	--	< 0.010	--	--	--	--	--

TABLE 8
SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
Dissolved Selenium (0.05 mg/L MCL)	08/25/08	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	09/24/08	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	10/22/08	mg/L	< 0.01	< 0.01	--	< 0.01	--	--	--	--
	11/26/08	mg/L	< 0.01	0.010	--	< 0.01	--	--	--	--
	02/25/09	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	3/18/2009	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	4/29/2009	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	5/27/2009	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	6/29/2009	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	07/22/09	mg/L	0.015	< 0.010	--	< 0.010	--	--	--	--
	08/14/09	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	09/11/09	mg/L	< 0.010	< 0.010	--	< 0.010	--	--	--	--
	10/08/09	mg/L	0.012	0.011	--	0.010	--	--	--	--
	12/09/09	mg/L	0.013	0.011	--	0.010	--	--	--	--
	06/10/10	mg/L	--	--	< 0.010	--	--	--	--	--
	09/02/10	mg/L	--	--	< 0.010	--	--	--	--	--
	12/07/10	mg/L	--	--	< 0.010	--	--	--	--	--
	03/02/11	mg/L	--	--	< 0.010	--	--	--	--	--
Alkalinity, Bicarbonate (As CaCO ₃)	08/25/08	mg/L	250	300	--	280	--	--	--	--
	11/26/08	mg/L	230	280	--	250	--	--	--	--
	3/18/2009	mg/L	230	290	--	250	--	--	--	--
	6/29/2009	mg/L	250	270	--	260	--	--	--	--
	09/11/09	mg/L	250	270	--	260	--	--	--	--
	12/09/09	mg/L	260	270	--	270	--	--	--	--
	03/22/10	mg/L	--	--	260	--	--	--	--	--
	06/10/10	mg/L	--	--	240	--	--	--	--	--
	09/02/10	mg/L	--	--	230	--	--	--	--	--
	12/07/10	mg/L	--	--	240	--	--	--	--	--
	03/02/11	mg/L	--	--	220	--	--	--	--	--
Alkalinity, Carbonate (As CaCO ₃)	08/25/08	mg/L	< 5.0	< 5.0	--	< 5.0	--	--	--	--
	11/26/08	mg/L	< 5.0	< 5.0	--	< 5.0	--	--	--	--
	3/18/2009	mg/L	< 5.0	< 5.0	--	< 5.0	--	--	--	--
	6/29/2009	mg/L	< 5.0	< 5.0	--	< 5.0	--	--	--	--
	09/11/09	mg/L	< 5.0	< 5.0	--	< 5.0	--	--	--	--
	12/09/09	mg/L	< 5.0	< 5.0	--	< 5.0	--	--	--	--
	03/22/10	mg/L	--	--	< 5.0	--	--	--	--	--
	06/10/10	mg/L	--	--	< 5.0	--	--	--	--	--
	09/02/10	mg/L	--	--	< 5.0	--	--	--	--	--
	12/07/10	mg/L	--	--	< 5.0	--	--	--	--	--
	03/02/11	mg/L	--	--	< 5.0	--	--	--	--	--

TABLE 8
SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES

Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
Alkalinity, Hydroxide (As CaCO ₃)	08/25/08	mg/L	< 5.0	< 5.0	--	--	--	--	--	--
	11/26/08	mg/L	< 5.0	< 5.0	--	--	--	--	--	--
	3/18/2009	mg/L	< 5.0	< 5.0	--	--	--	--	--	--
	6/29/2009	mg/L	< 5.0	< 5.0	--	--	--	--	--	--
	09/11/09	mg/L	< 5.0	< 5.0	--	--	--	--	--	--
	12/09/09	mg/L	< 5.0	< 5.0	--	--	--	--	--	--
	03/22/10	mg/L	--	--	< 5.0	--	--	--	--	--
	06/10/10	mg/L	--	--	< 5.0	--	--	--	--	--
	09/02/10	mg/L	--	--	< 5.0	--	--	--	--	--
	12/07/10	mg/L	--	--	< 5.0	--	--	--	--	--
	03/02/11	mg/L	--	--	< 5.0	--	--	--	--	--
Alkalinity, Total (As CaCO ₃)	08/25/08	mg/L	250	300	--	280	--	--	--	--
	11/26/08	mg/L	230	280	--	250	--	--	--	--
	3/18/2009	mg/L	230	290	--	250	--	--	--	--
	6/29/2009	mg/L	250	270	--	260	--	--	--	--
	09/11/09	mg/L	250	270	--	260	--	--	--	--
	12/09/09	mg/L	260	270	--	270	--	--	--	--
	03/22/10	mg/L	--	--	260	--	--	--	--	--
	06/10/10	mg/L	--	--	240	--	--	--	--	--
	09/02/10	mg/L	--	--	230	--	--	--	--	--
	12/07/10	mg/L	--	--	240	--	--	--	--	--
	03/02/11	mg/L	--	--	220	--	--	--	--	--
Chemical Oxygen Demand	08/25/08	mg/L	< 5.0	< 5.0	--	< 5.0	--	45	--	6.4
	11/26/08	mg/L	< 5.0	< 5.0	--	5.0	--	33	--	< 5.0
	3/18/2009	mg/L	< 5.0	< 5.0	--	< 5.0	--	26	--	< 5.0
	6/29/2009	mg/L	14	< 5.0	--	6.4	--	34	--	7.3
	09/11/09	mg/L	6.9	7.5	--	9.0	--	32	--	7.7
	12/09/09	mg/L	17	6.1	--	< 5.0	--	23	--	7.1
	03/22/10	mg/L	--	--	< 5.0	--	--	--	--	--
	06/10/10	mg/L	--	--	< 5.0	--	--	14	--	--
	09/02/10	mg/L	--	--	< 5.0	--	--	22	--	--
	12/07/10	mg/L	--	--	9.8	--	--	18	--	--
	03/02/11	mg/L	--	--	< 5.0	--	--	13	--	--
Organic Carbon, Total	08/25/08	mg/L	< 3.0	< 3.0	--	< 3.0	--	< 3.0	--	< 3.0
	11/26/08	mg/L	< 3.0	< 3.0	--	< 3.0	--	< 3.0	--	< 3
	3/18/2009	mg/L	< 3.0	4.1	--	< 3.0	--	3.9	--	< 3.0
	6/29/2009	mg/L	3.6	< 3.0	--	< 3.0	--	< 3.0	--	3.1
	09/11/09	mg/L	< 3.0	< 3.0	--	< 3.0	--	< 3.0	--	< 3.0
	12/09/09	mg/L	< 3.0	< 3.0	--	< 3.0	--	< 3.0	--	< 3.0
	03/22/10	mg/L	--	--	< 3.0	--	--	--	--	--
	06/10/10	mg/L	--	--	< 3.0	--	--	< 3.0	--	--
	09/02/10	mg/L	--	--	< 3.0	--	--	< 3.0	--	--
	12/07/10	mg/L	--	--	6.5	--	--	6	--	--
	03/02/11	mg/L	--	--	< 3.0	--	--	< 3.0	--	--

TABLE 8
**SUMMARY OF SELECT COMPOUNDS DETECTED IN
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM SAMPLES**

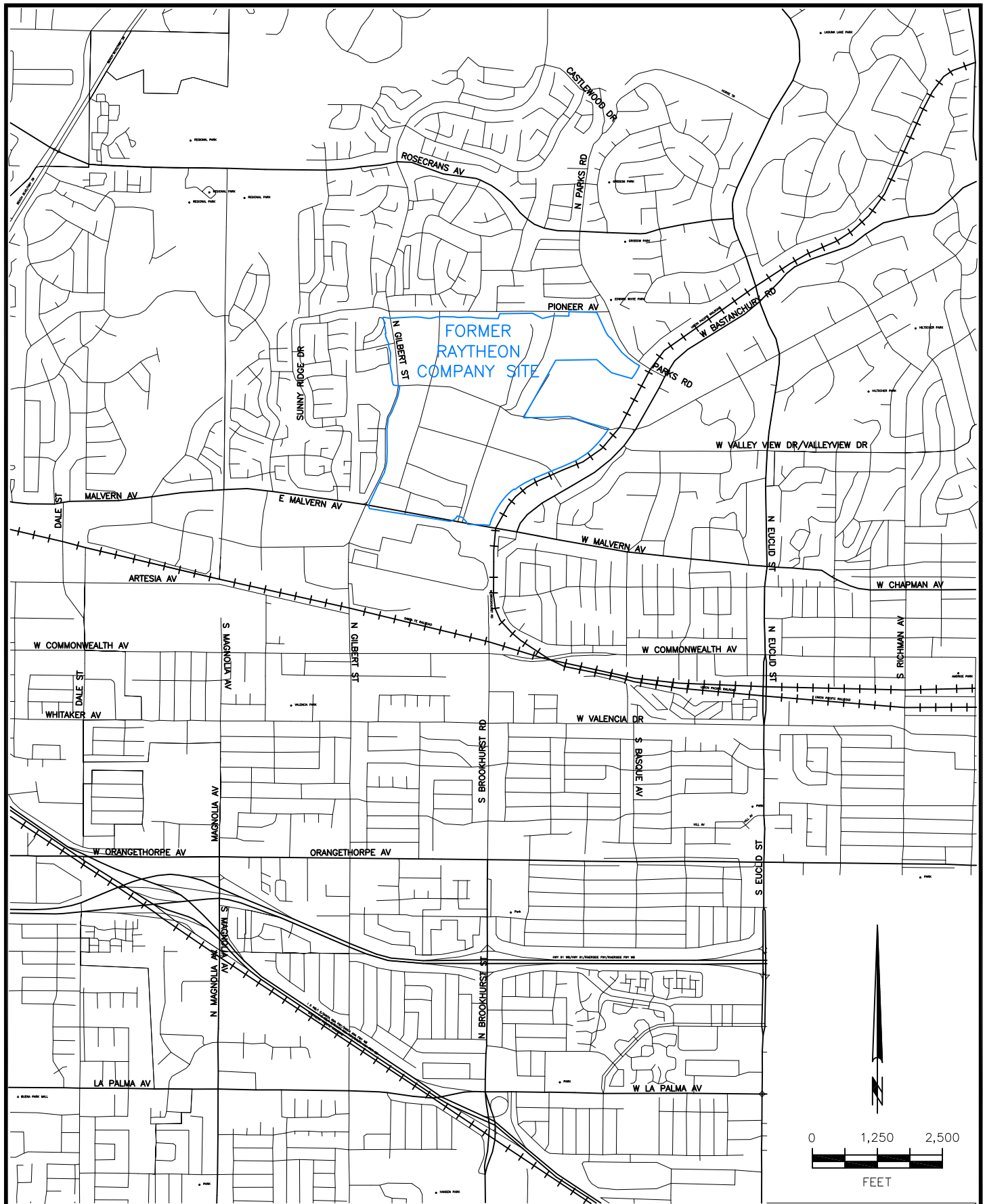
Compound	Date	Units	MW-21	EW-01	EW-02	INF*	PF	POX	CBT	CEFF
Chloride	03/22/10	mg/L	--	--	110	--	--	--	--	--
	06/10/10	mg/L	--	--	120	--	--	110	--	--
	09/02/10	mg/L	--	--	110	--	--	120	--	--
	12/07/10	mg/L	--	--	110	--	--	110	--	--
	03/02/11	mg/L	--	--	100	--	--	110	--	--
Sulfate	03/22/10	mg/L	--	--	140	--	--	--	--	--
	06/10/10	mg/L	--	--	150	--	--	140	--	--
	09/02/10	mg/L	--	--	130	--	--	130	--	--
	12/07/10	mg/L	--	--	130	--	--	130	--	--
	03/02/11	mg/L	--	--	130	--	--	130	--	--
Nitrate	03/22/10	mg/L	--	--	7.4	--	--	--	--	--
	06/10/10	mg/L	--	--	5.5	--	--	< 0.10	--	--
	09/02/10	mg/L	--	--	5.3	--	--	5.3	--	--
	12/07/10	mg/L	--	--	5.7	--	--	5.6	--	--
	03/02/11	mg/L	--	--	5.3	--	--	5.5	--	--
Nitrite	03/22/10	mg/L	--	--	< 0.10	--	--	--	--	--
	06/10/10	mg/L	--	--	< 0.10	--	--	< 0.10	--	--
	09/02/10	mg/L	--	--	< 0.10	--	--	< 0.10	--	--
	12/07/10	mg/L	--	--	< 0.10	--	--	< 0.10	--	--
	03/02/11	mg/L	--	--	< 0.10	--	--	< 0.10	--	--
Phosphate	03/22/10	mg/L	--	--	< 0.050	--	--	--	--	--
	06/10/10	mg/L	--	--	< 0.050	--	--	< 0.050	--	--
	09/02/10	mg/L	--	--	< 0.050	--	--	< 0.050	--	--
	12/07/10	mg/L	--	--	< 0.050	--	--	< 0.050	--	--
	03/02/11	mg/L	--	--	< 0.050	--	--	< 0.050	--	--

FOOTNOTES

MCL = Maximum Contaminant Level or
 Drinking Water Action Level, if applicable
 ug/L = Micrograms per liter
 mg/L = Milligrams per liter
 -- = Not scheduled for performance monitoring
 (<) = Less than; the value is the Limit of Detection

INF* = Influent (same as EW-02, when active)
 PF= Post Particulate Filter
 POX = Post Hypox Oxidation
 CBT= Carbon Breakthrough
 CEFF = Carbon Effluent
 CaCO3 = Calcium carbonate

May 11, 2011 - 10:09am ADE - T: \2011\500-599\532 Raytheon\Hydrogeology\H+A Base\Maps\410-8281.dwg

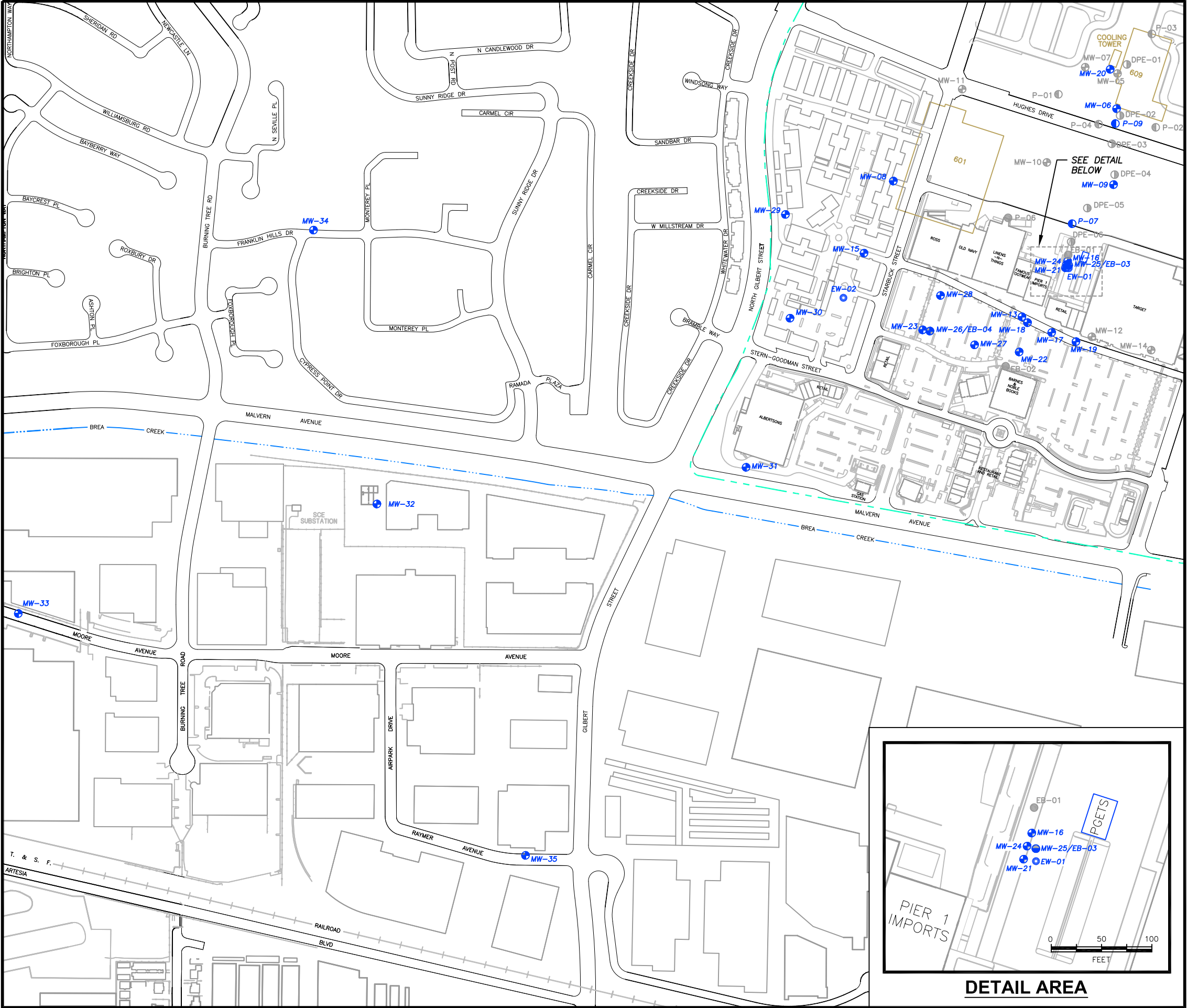


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5/11 | RPT NO. 532.31 | 410-8281 | A

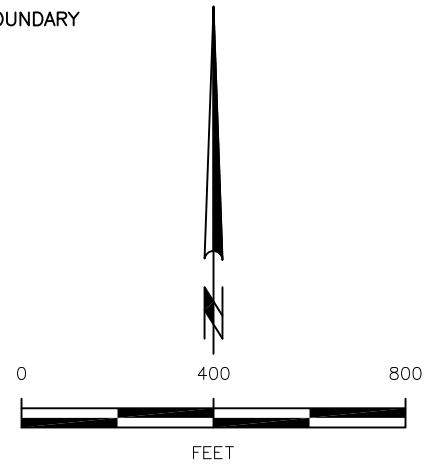
FIGURE 1. SITE LOCATION

May 11, 2011 - 10:13am ADE - T: \\2011\500-599\532 Raytheon\Hydrogeology\H+A BaseMaps\410-8269.dwg



EXPLANATION

- MW-09 GROUNDWATER MONITOR WELL
- MW-25 GROUNDWATER PIEZOMETER
- P-09 PERCHED ZONE PIEZOMETER
- EW-01 GROUNDWATER EXTRACTION WELL
- MW-10 FORMER GROUNDWATER MONITOR WELL (ABANDONED)
- P-04 FORMER PERCHED ZONE PIEZOMETER (ABANDONED)
- DPE-05 FORMER PERCHED ZONE DUAL-PHASE EXTRACTION WELL (ABANDONED)
- EB-01 FORMER GROUNDWATER ASSESSMENT SOIL BORING (ABANDONED)
- PGETS PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM FACILITY COMPOUND
- 609 FORMER RAYTHEON BUILDING, DEMOLISHED MID-2000
- CURRENT RESIDENTIAL AND COMMERCIAL BUILDINGS
- DRIVEWAYS, PARKING LOTS AND OTHER HARDSCAPE OF SITE RE-DEVELOPMENT
- SITE BOUNDARY



RAYTHEON COMPANY
FULLERTON, CALIFORNIA

WELL AND PIEZOMETER LOCATIONS



05/11

FIGURE 2

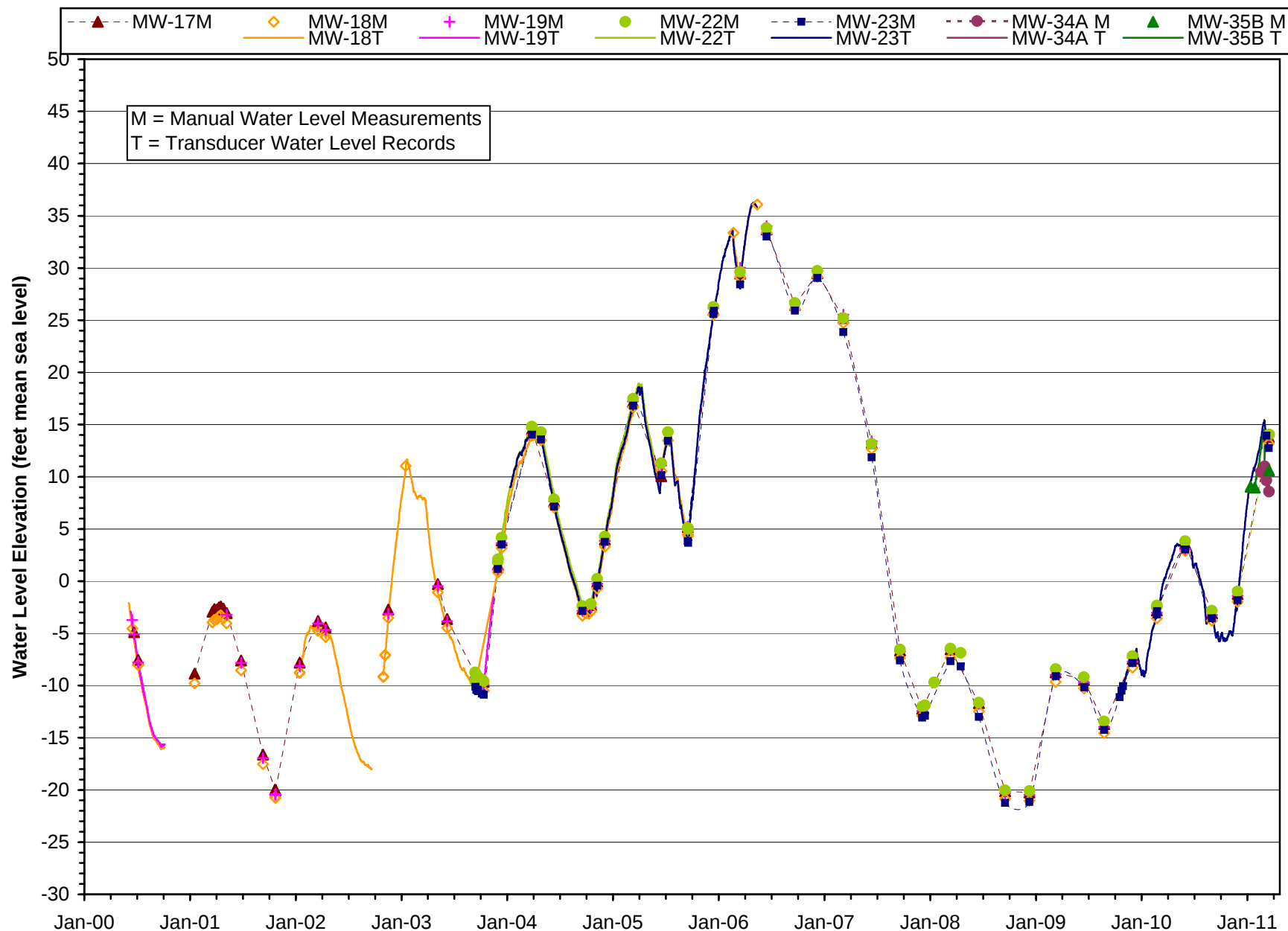


FIGURE 3. REGIONAL GROUNDWATER SYSTEM WATER LEVELS,
UNIT A MONITOR WELLS

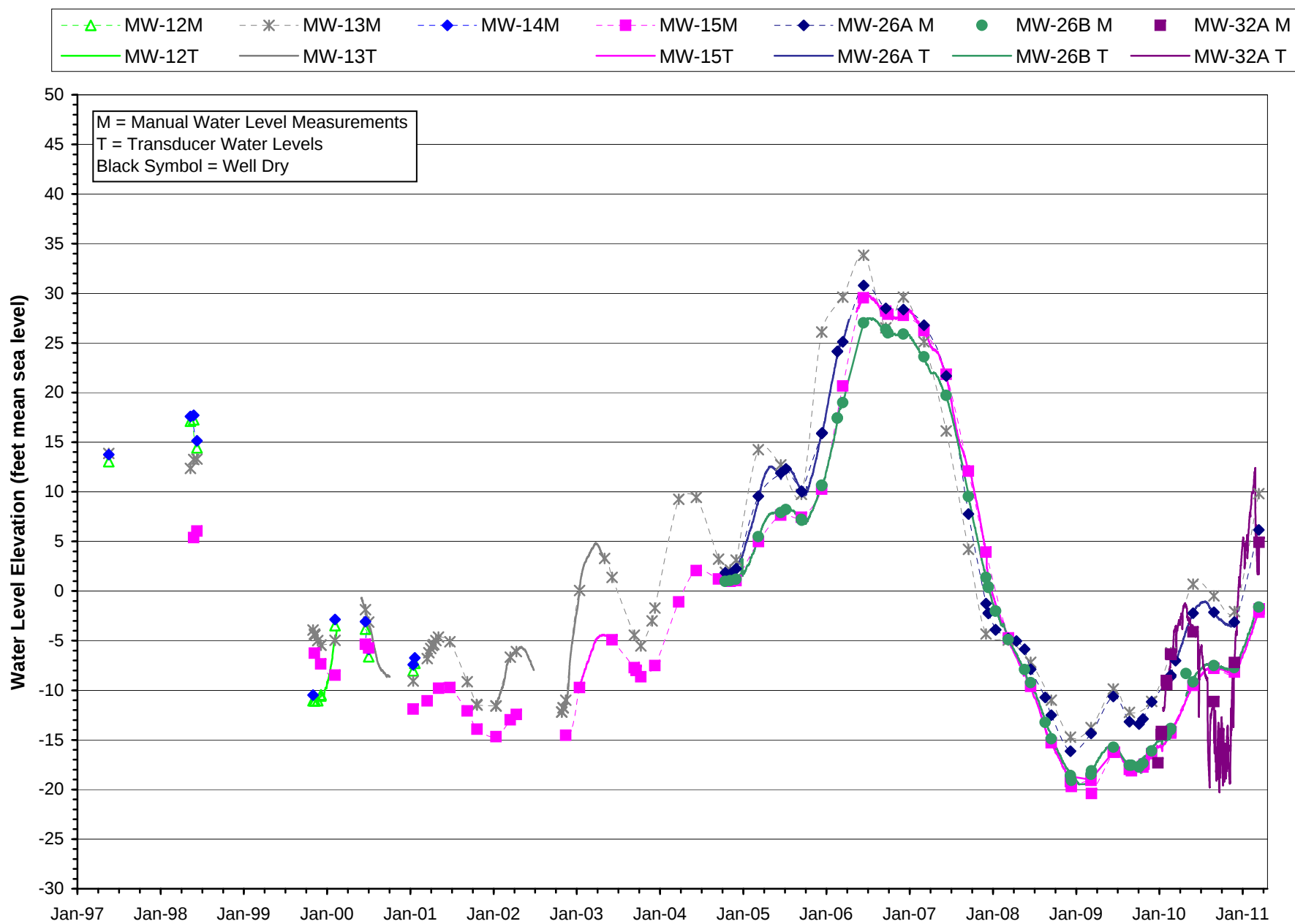


FIGURE 4. REGIONAL GROUNDWATER SYSTEM WATER LEVELS, UNIT AB MONITOR WELLS

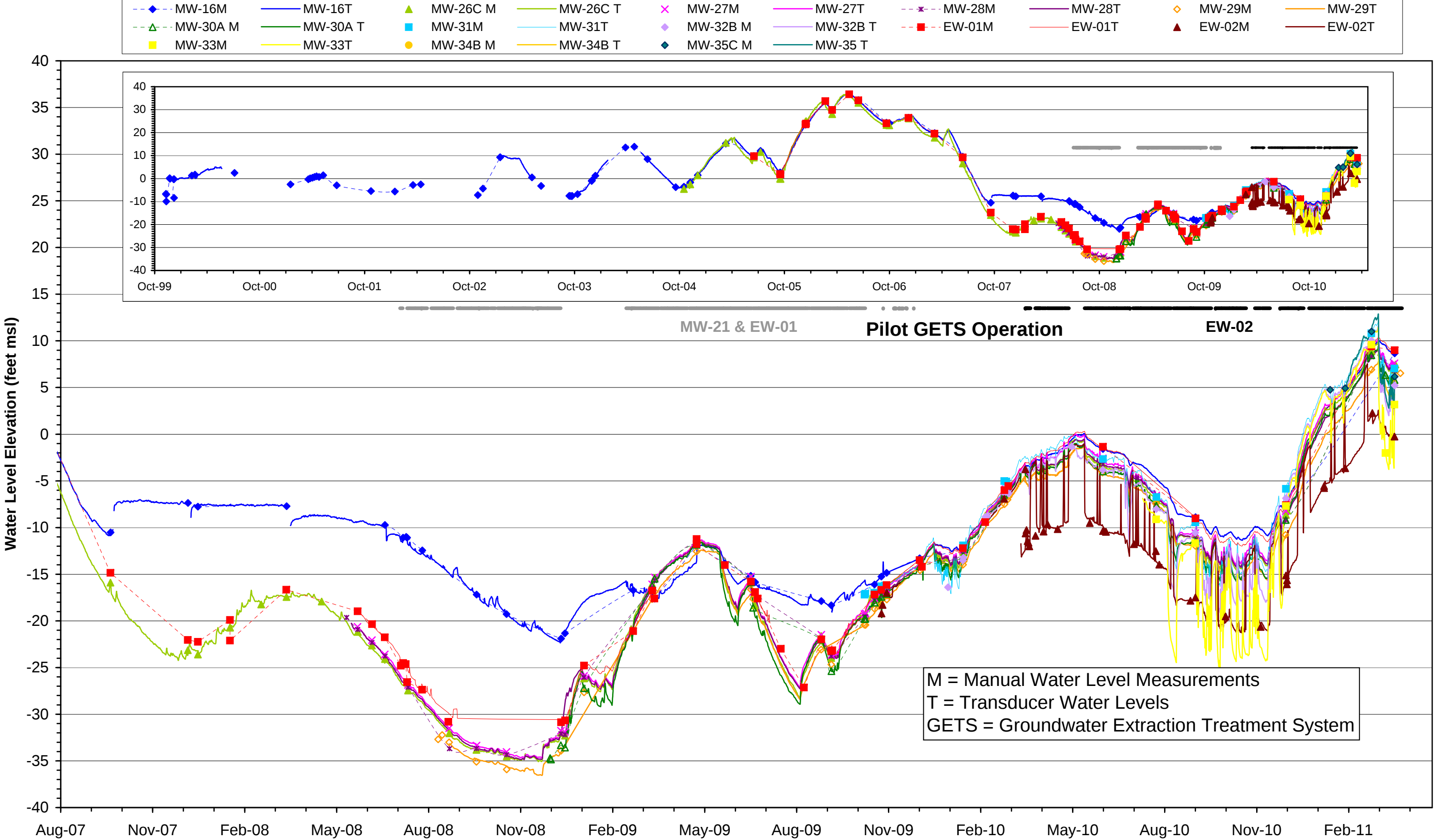
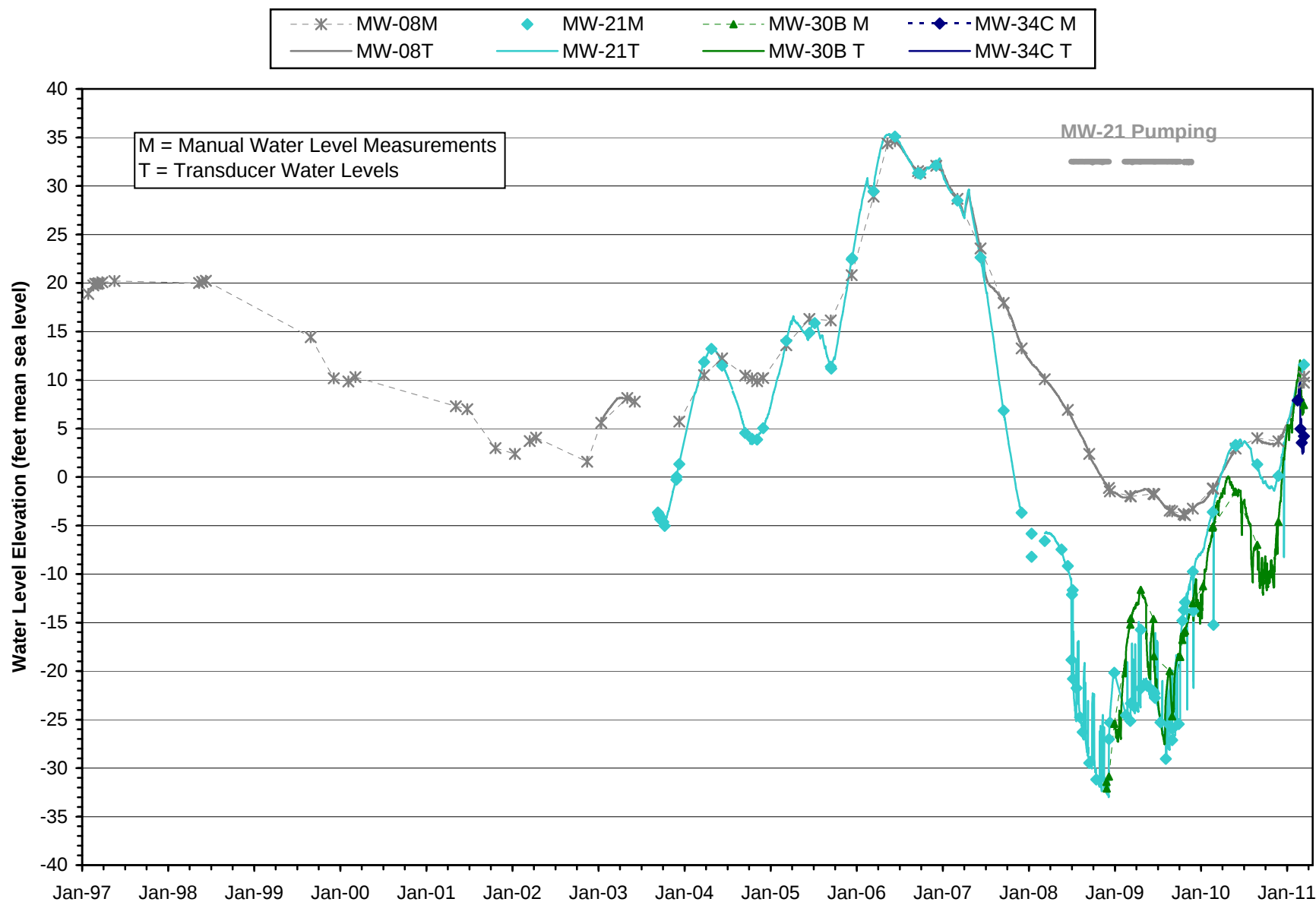


FIGURE 5. REGIONAL GROUNDWATER SYSTEM WATER LEVELS,
UNIT B MONITOR AND EXTRACTION WELLS



**FIGURE 6. REGIONAL GROUNDWATER SYSTEM WATER LEVELS,
UNIT BC MONITOR AND EXTRACTION WELLS**

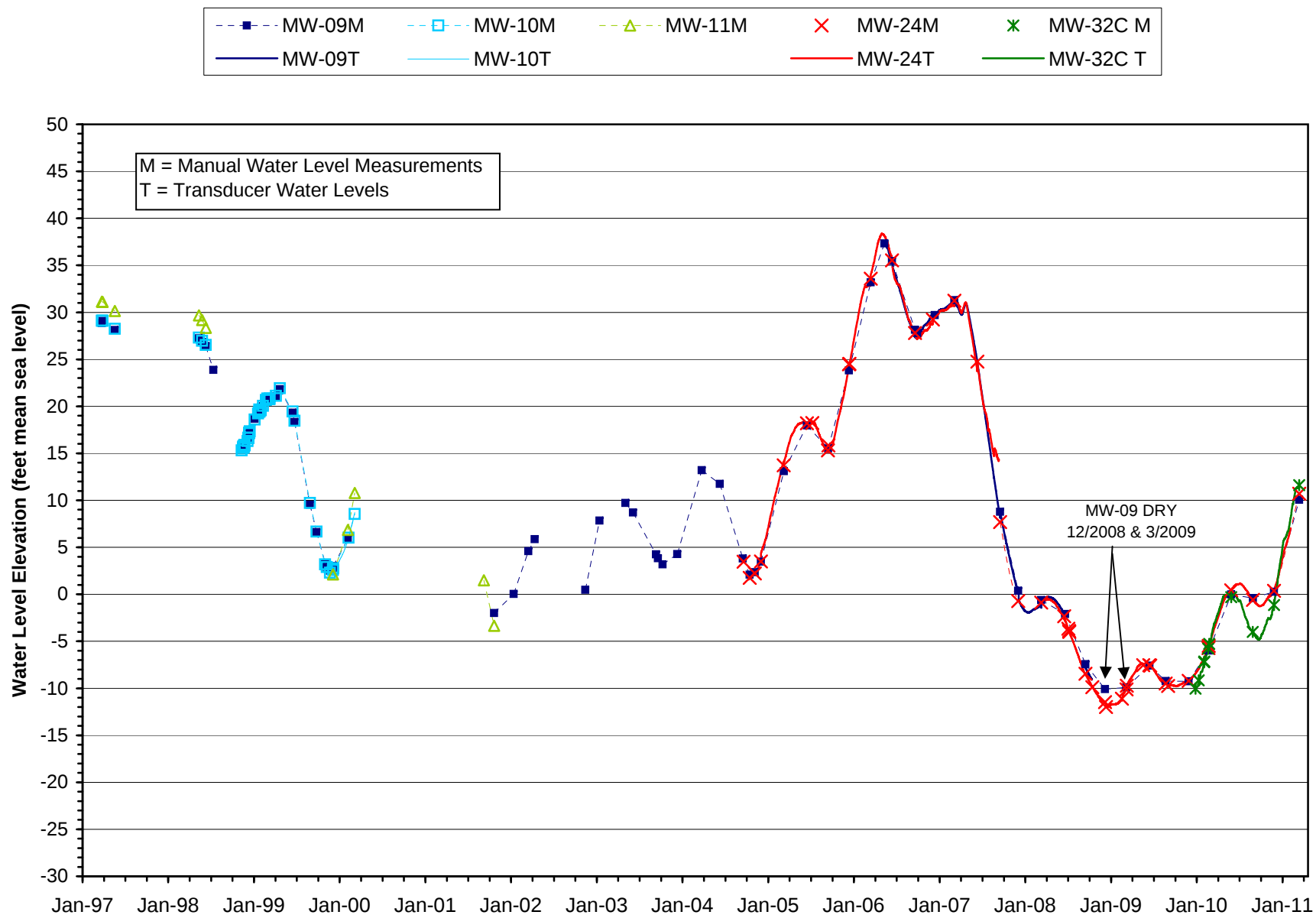


FIGURE 7. REGIONAL GROUNDWATER SYSTEM WATER LEVELS, UNIT C MONITOR WELLS

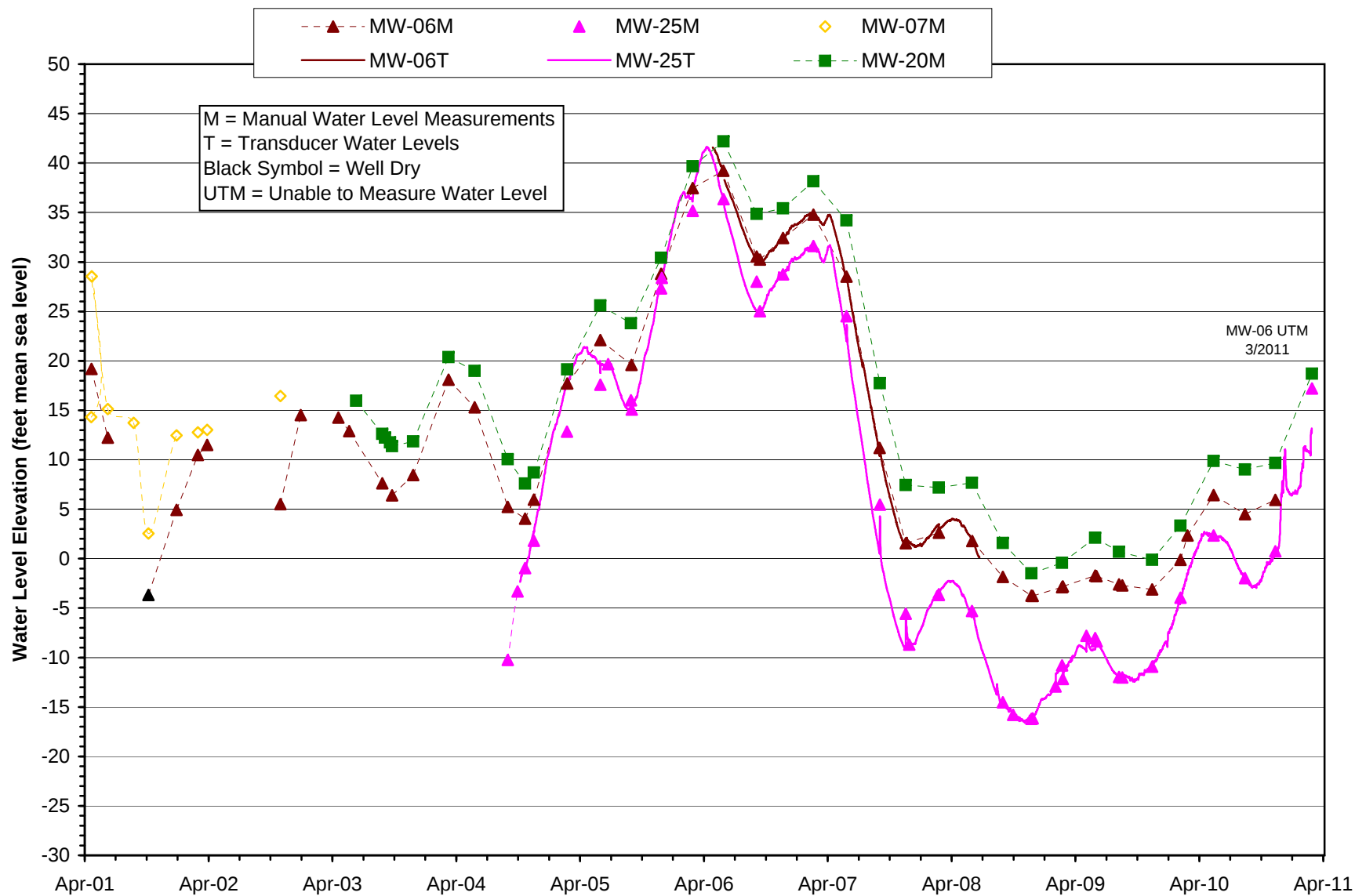
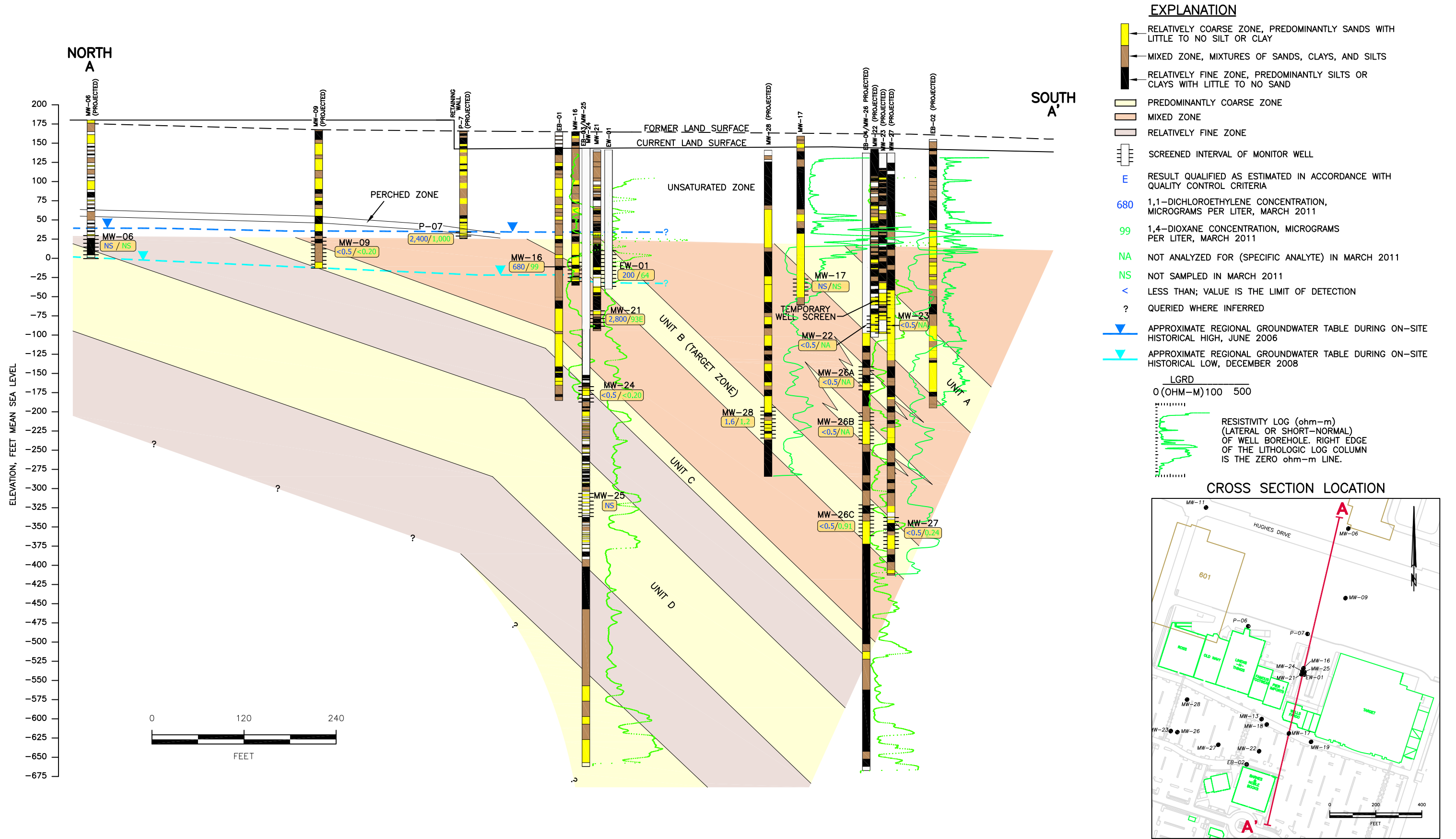


FIGURE 8. REGIONAL GROUNDWATER SYSTEM WATER LEVELS, UNIT D MONITOR WELLS

May 18, 2011 - 3:12pm ADE - T: \\2011\\500-599\\532 Raytheon\\Hydrogeology\\X-Sections\\310-1055.dwg



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FIGURE 9.
SITE CONCEPTUAL GROUNDWATER MODEL HYDROGEOLOGIC CROSS-SECTION A-A'

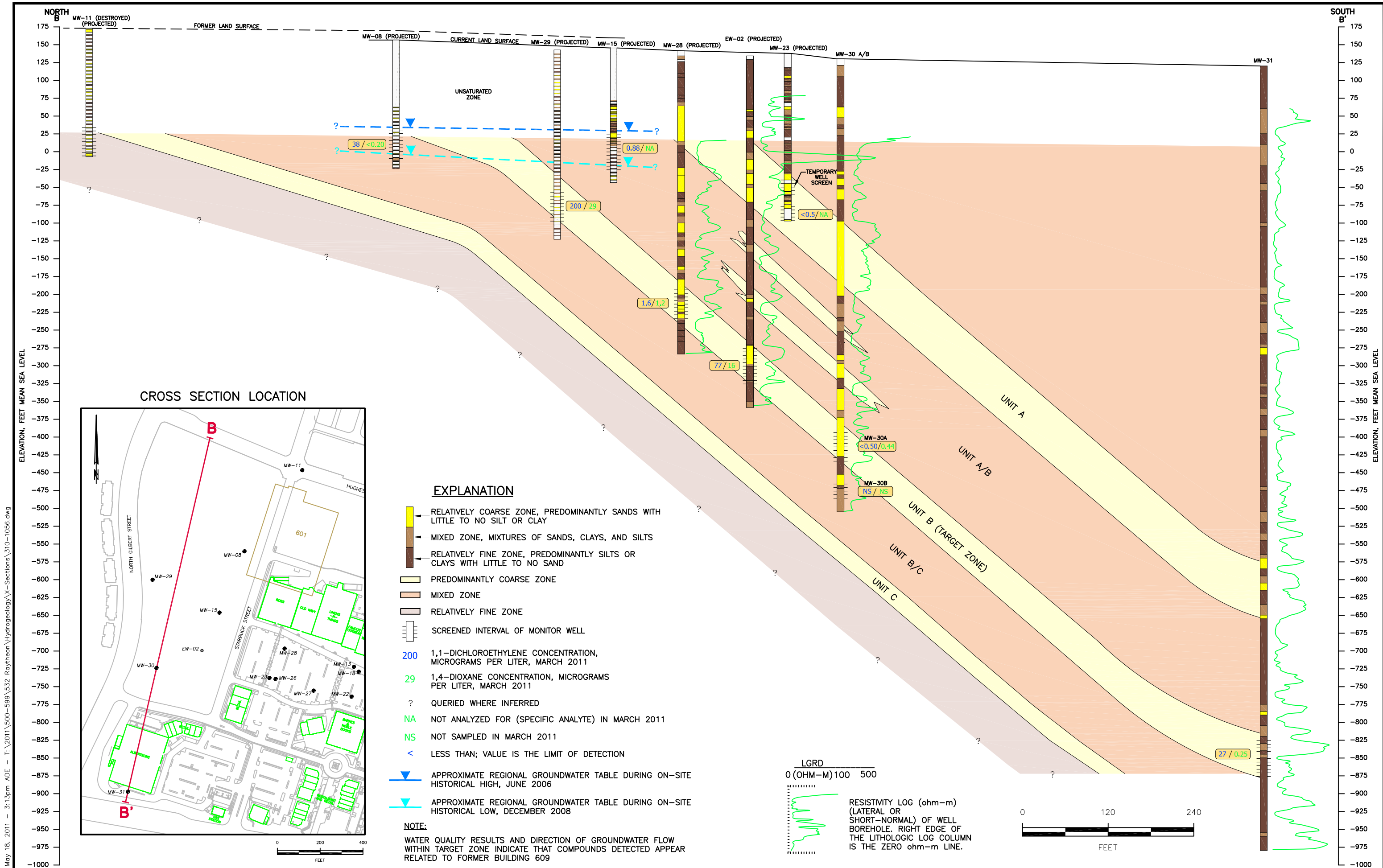
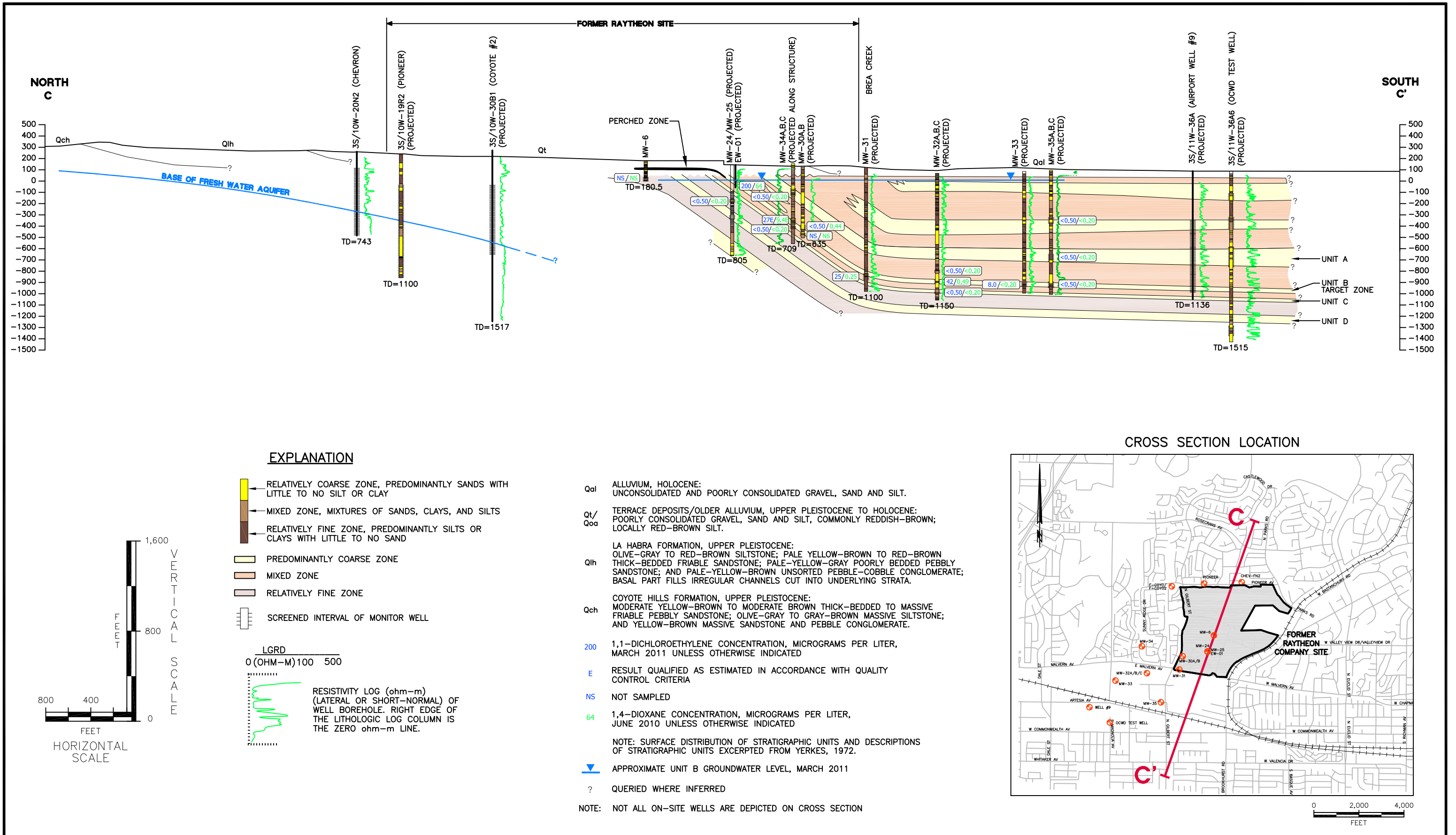


FIGURE 10.
SITE CONCEPTUAL MODEL HYDROGEOLOGIC CROSS-SECTION B-B'

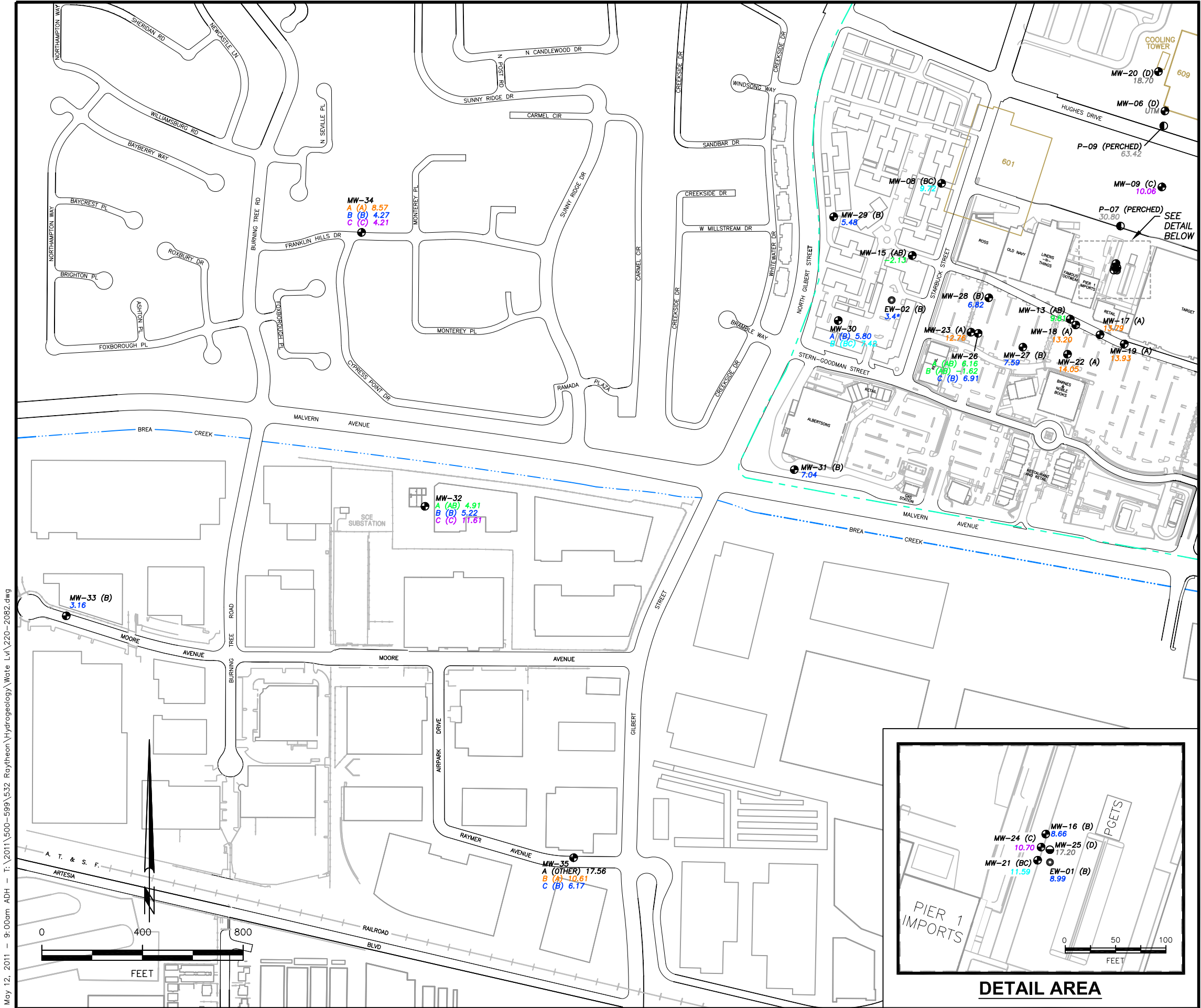
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FIGURE 11.
REGIONAL CONCEPTUAL MODEL HYDROGEOLOGIC CROSS-SECTION C-C'

May 12, 2011 - 9:00am ADH - T:\2011\500-599\532 Raytheon\Hydrogeology\Wate Lvl\220-2082.dwg



EXPLANATION

- MW-16 GROUNDWATER MONITOR WELL
- P-09 PERCHED ZONE PIEZOMETER
- MW-25 GROUNDWATER PIEZOMETER
- EW-01 GROUNDWATER EXTRACTION WELL
- 8.66 WATER LEVEL ELEVATION, FEET MEAN SEA LEVEL, MEASURED MARCH 24 AND 25, 2011
- * PUMPING WATER LEVEL ELEVATION
- UTM UNABLE TO MEASURE
- PGETS PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM FACILITY COMPOUND
- 609 FORMER RAYTHEON BUILDING, DEMOLISHED MID-2000
- RETAIL AND COMMERCIAL BUILDINGS OF AMERIGE HEIGHTS DEVELOPMENT
- DRIVEWAYS, PARKING LOTS AND OTHER HARDSCAPE OF SITE RE-DEVELOPMENT

HYDROGEOLOGIC ZONES:

- PERCHED
- OTHER
- A
- AB
- B
- BC
- C
- D

RAYTHEON COMPANY
FULLERTON, CALIFORNIA

WATER LEVEL ELEVATIONS
MARCH 2011



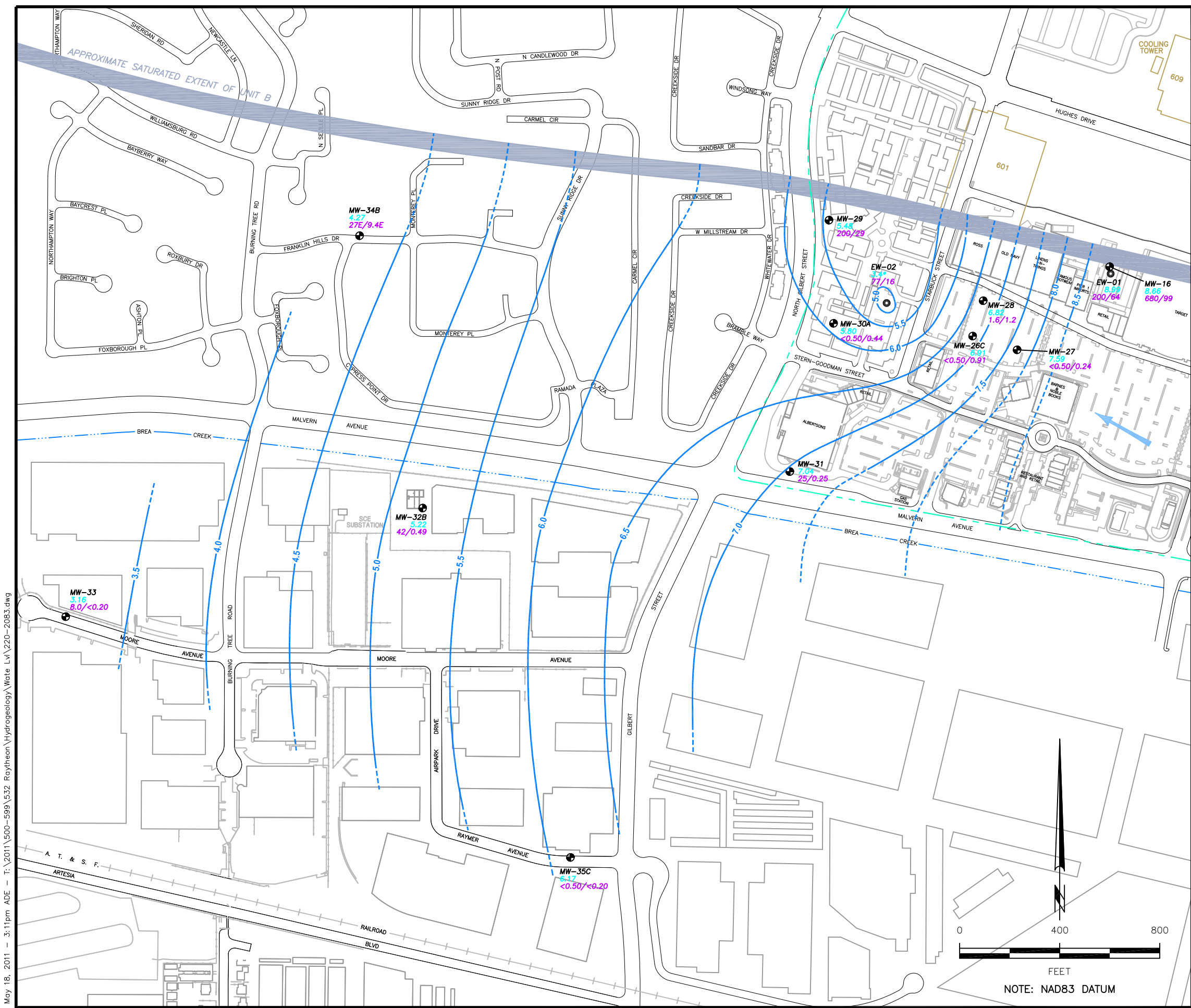
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05/11

FIGURE 12

PREP BY KSS REV BY SPN RPT NO. 532.31 220-2082 A

May 18, 2011 - 3:11pm ADE - T:\2011\500-599\532 Raytheon\Hydrogeology\Wate Lv\220-2083.dwg



EXPLANATION

- MW-29** GROUNDWATER MONITOR WELL
- EW-01** GROUNDWATER EXTRACTION WELL
- 8.99** WATER LEVEL ELEVATION (FEET MEAN SEA LEVEL)
- 200/64** CONCENTRATION OF 1,1-DCE/1,4-DIOXANE IN GROUNDWATER (MICROGRAMS PER LITER)
- *** EXTRACTION WELL EW-02 PUMPING DURING WATER LEVEL GAUGING; ESTIMATED WATER LEVEL BASED ON THIEM EQUATION
- <** LESS THAN; VALUE IS THE LIMIT OF DETECTION
- 5.5** EQUAL WATER LEVEL ELEVATION CONTOUR, DASHED WHERE APPROXIMATE (FEET MEAN SEA LEVEL)
- 609** FORMER RAYTHEON BUILDING, DEMOLISHED MID-2000
- CURRENT RESIDENTIAL AND COMMERCIAL BUILDINGS
- DRIVEWAYS, PARKING LOTS AND OTHER HARDSCAPE OF SITE RE-DEVELOPMENT
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW, MARCH 2011

RAYTHEON COMPANY
FULLERTON, CALIFORNIA

**WATER LEVEL AND WATER QUALITY
UNIT B
MARCH 2011**

HARGIS+ASSOCIATES, INC.
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FIGURE 13

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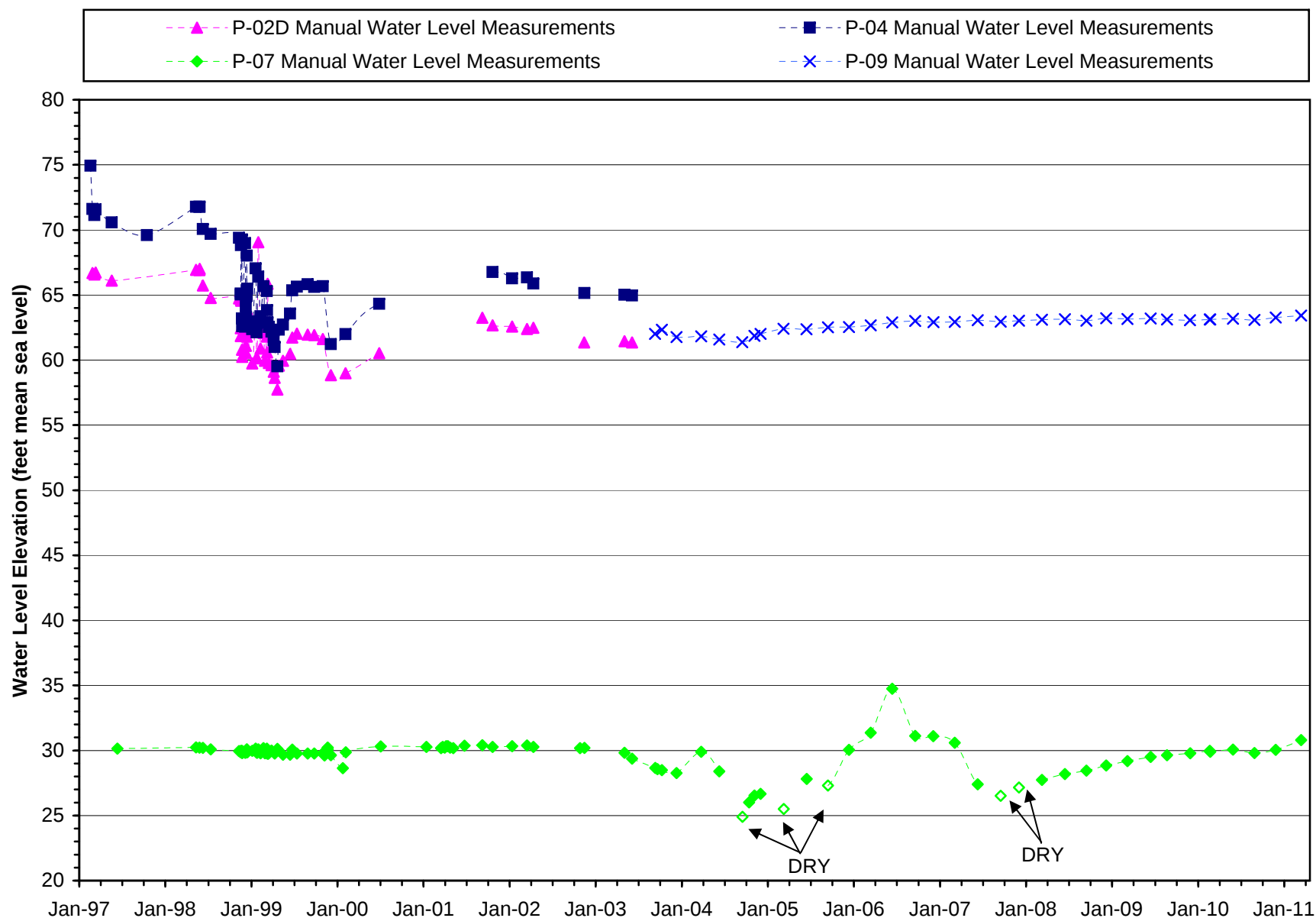
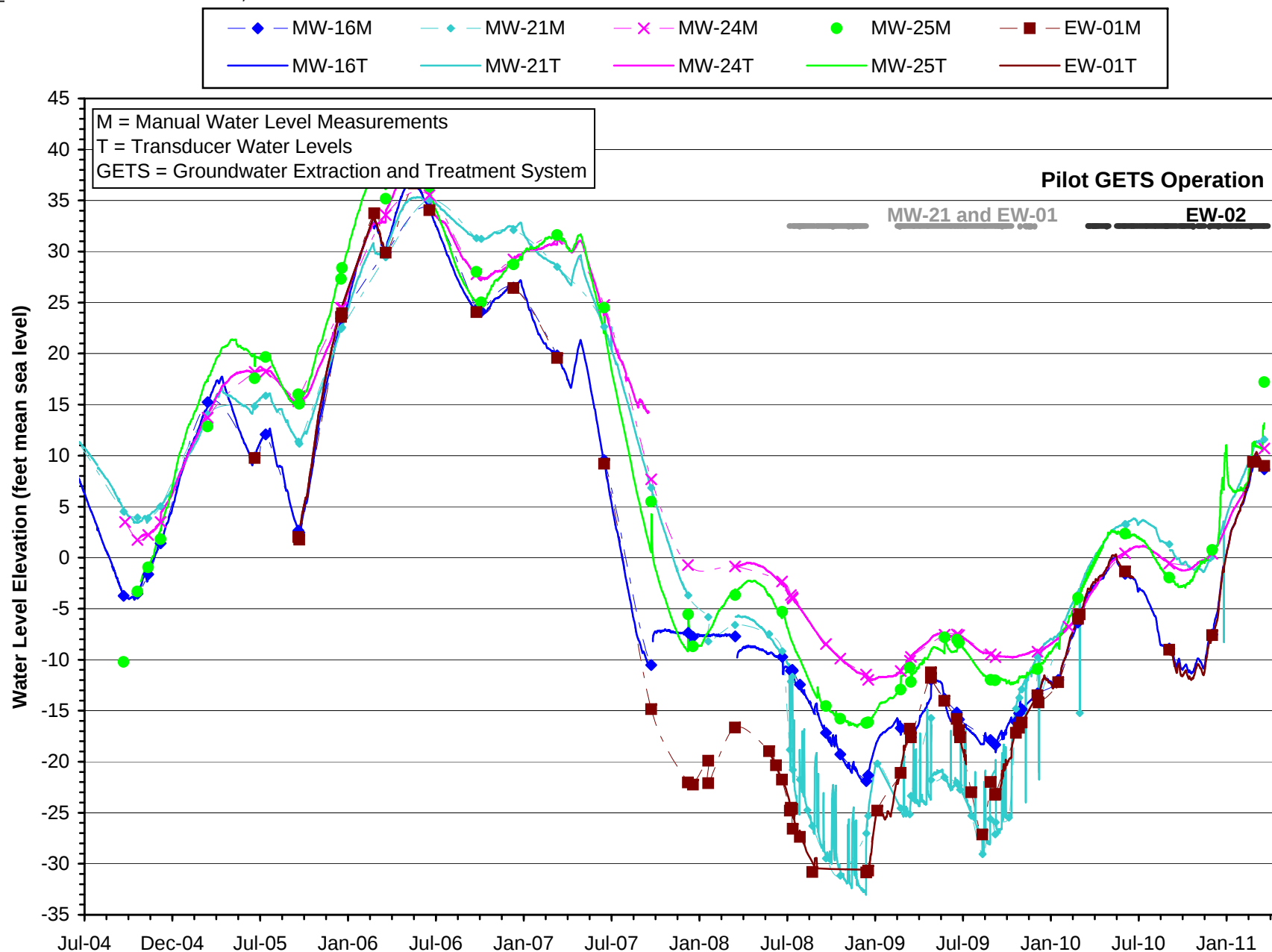
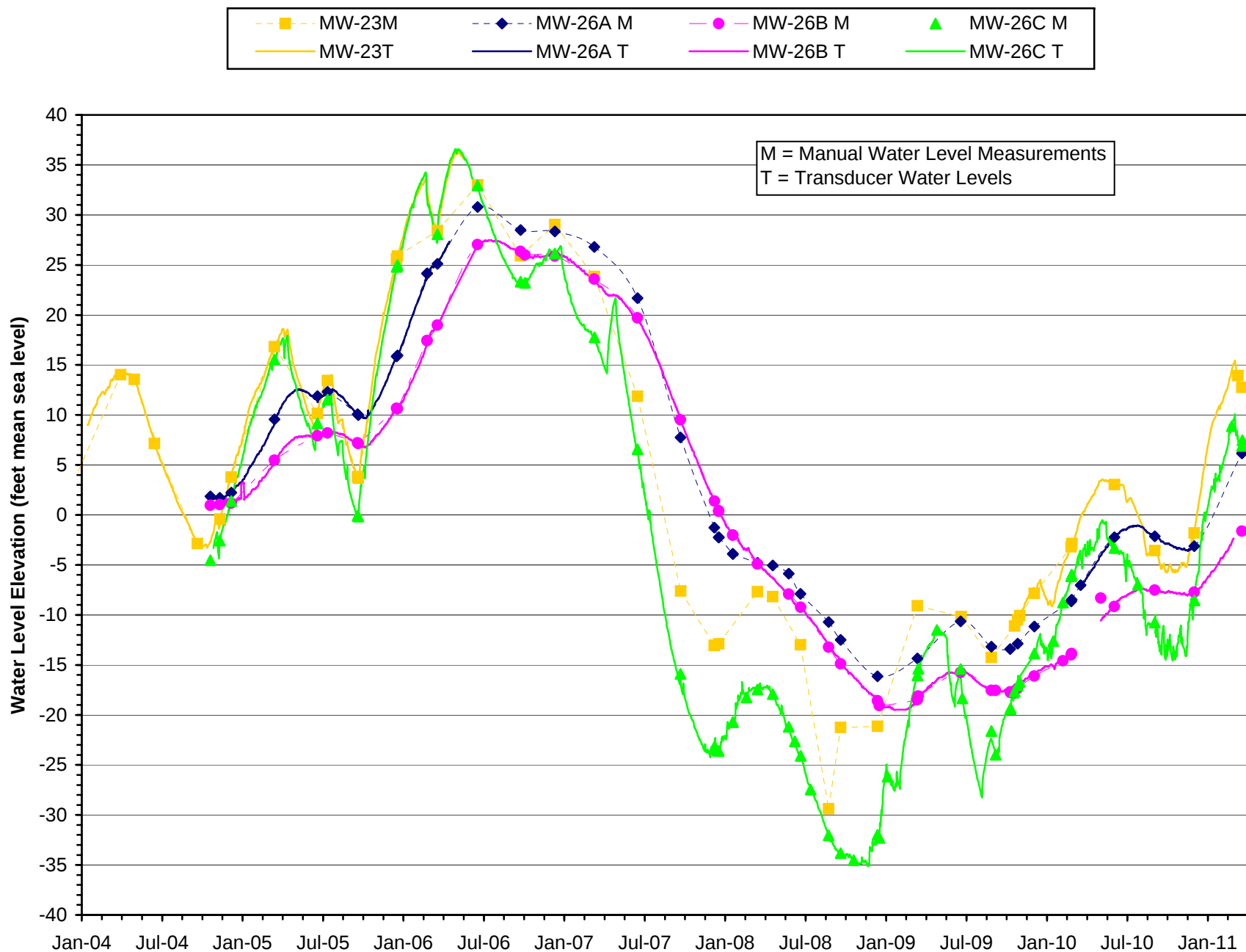


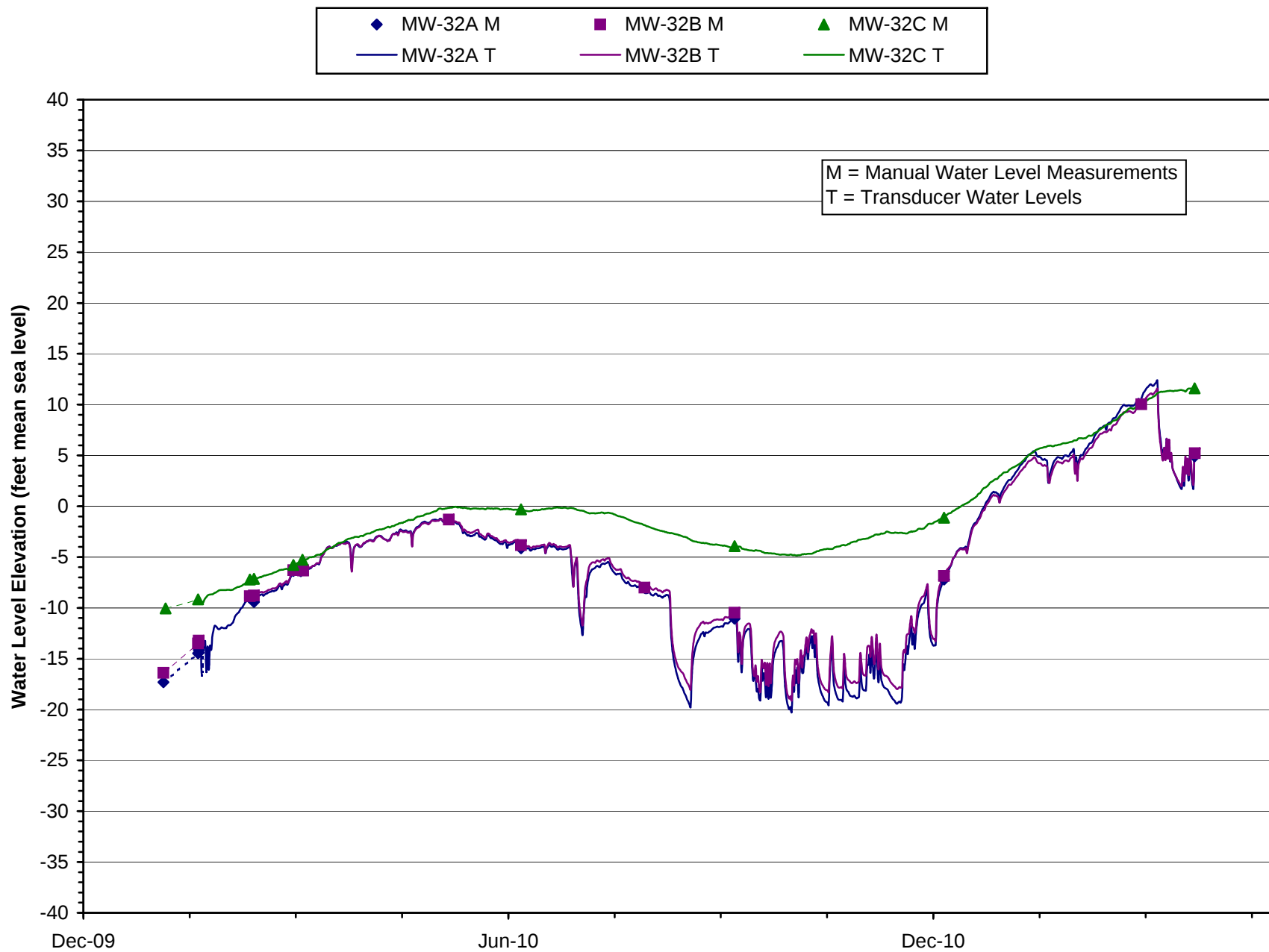
FIGURE 14. PERCHED ZONE WATER LEVELS, CENTRAL PORTION OF SITE



**FIGURE 15. REGIONAL GROUNDWATER SYSTEM WATER LEVELS,
MONITOR AND EXTRACTION WELL CLUSTER EW-01/MW-16/21/24/25**

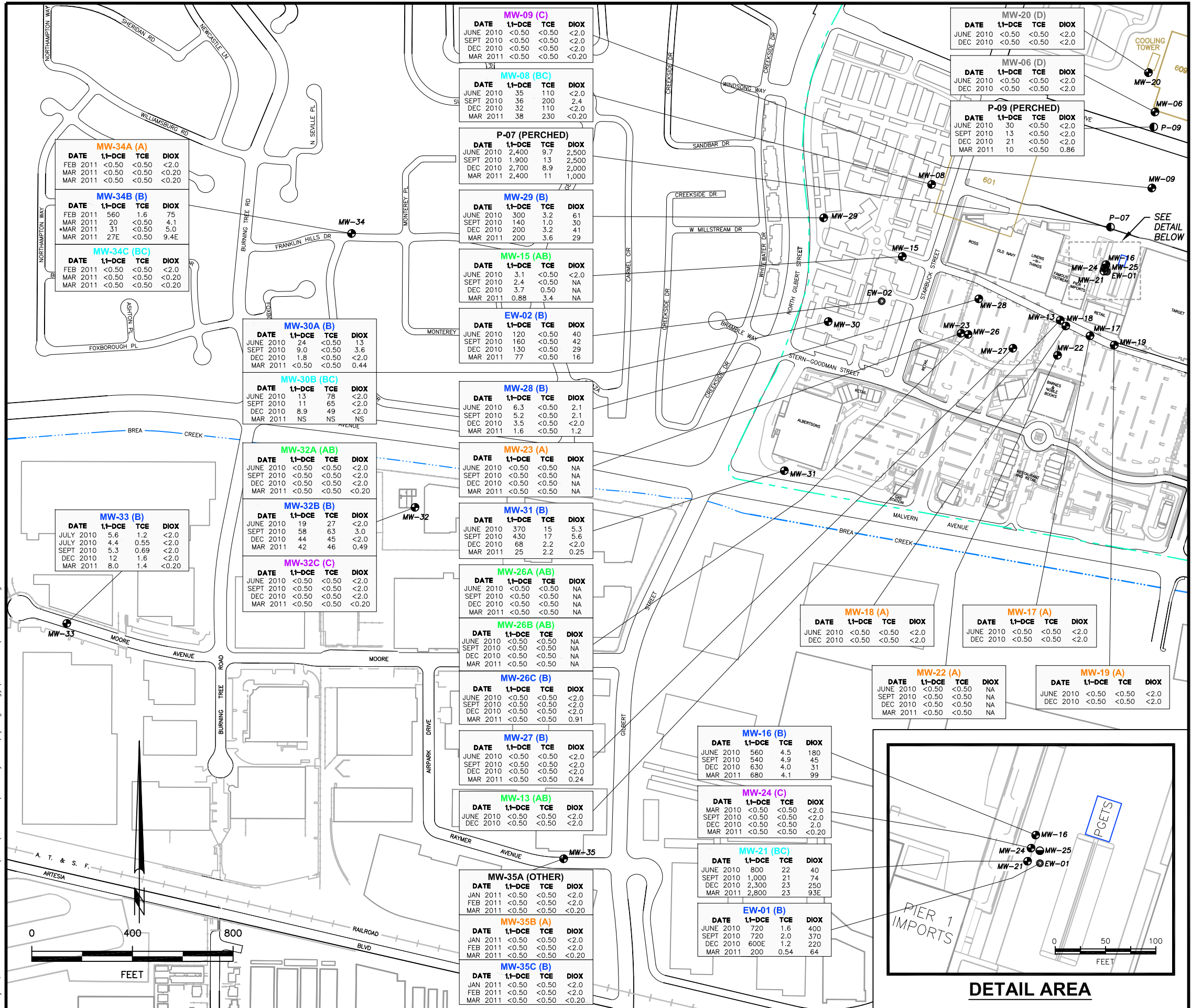


**FIGURE 16. REGIONAL GROUNDWATER SYSTEM WATER LEVELS,
MONITOR WELL CLUSTER MW-23/26A/26B/26C**



**FIGURE 17. REGIONAL GROUNDWATER SYSTEM WATER LEVELS,
MONITOR WELL CLUSTER MW-32A/32B/32C**

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EXPLANATION

- MW-09 ● GROUNDWATER MONITOR WELL
- P-09 ● PERCHED ZONE PIEZOMETER
- MW-25 ● GROUNDWATER PIEZOMETER
- EW-01 ● GROUNDWATER EXTRACTION WELL
- 1,1-DCE 1,1-DICHLOROETHENE
- DIOX 1,4-DIOXANE
- TCE TRICHLOROETHENE
- < LESS THAN; VALUE IS THE LIMIT OF DETECTION FOR RESPECTIVE COMPOUND
- NA NOT ANALYZED
- NS NOT SAMPLED
- E RESULT QUALIFIED AS "ESTIMATED" IN ACCORDANCE WITH QUALITY CONTROL CRITERIA
- PGETS PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM FACILITY COMPOUND
- 609 FORMER RAYTHEON BUILDING, DEMOLISHED MID-2000
- RETAIL AND COMMERCIAL BUILDINGS OF AMERIGE HEIGHTS DEVELOPMENT
- DRIVEWAYS, PARKING LOTS AND OTHER HARDSCAPE OF SITE RE-DEVELOPMENT
- SITE BOUNDARY

NOTES:

- ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER.
 - ONLY ORIGINAL SAMPLE RESULTS POSTED.
- * RESULTS BASED ON HIGHEST CONCENTRATION IN MULTIPLE PURGE VOLUME SAMPLES COLLECTED MARCH 15, 2011.

HYDROGEOLOGIC ZONES:

- PERCHED AB C
- OTHER B D
- A BC

RAYTHEON COMPANY
FULLERTON, CALIFORNIA

**SELECTED VOLATILE ORGANIC COMPOUNDS
AND 1,4-DIOXANE IN THE REGIONAL
GROUNDWATER SYSTEM**

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FIGURE 18

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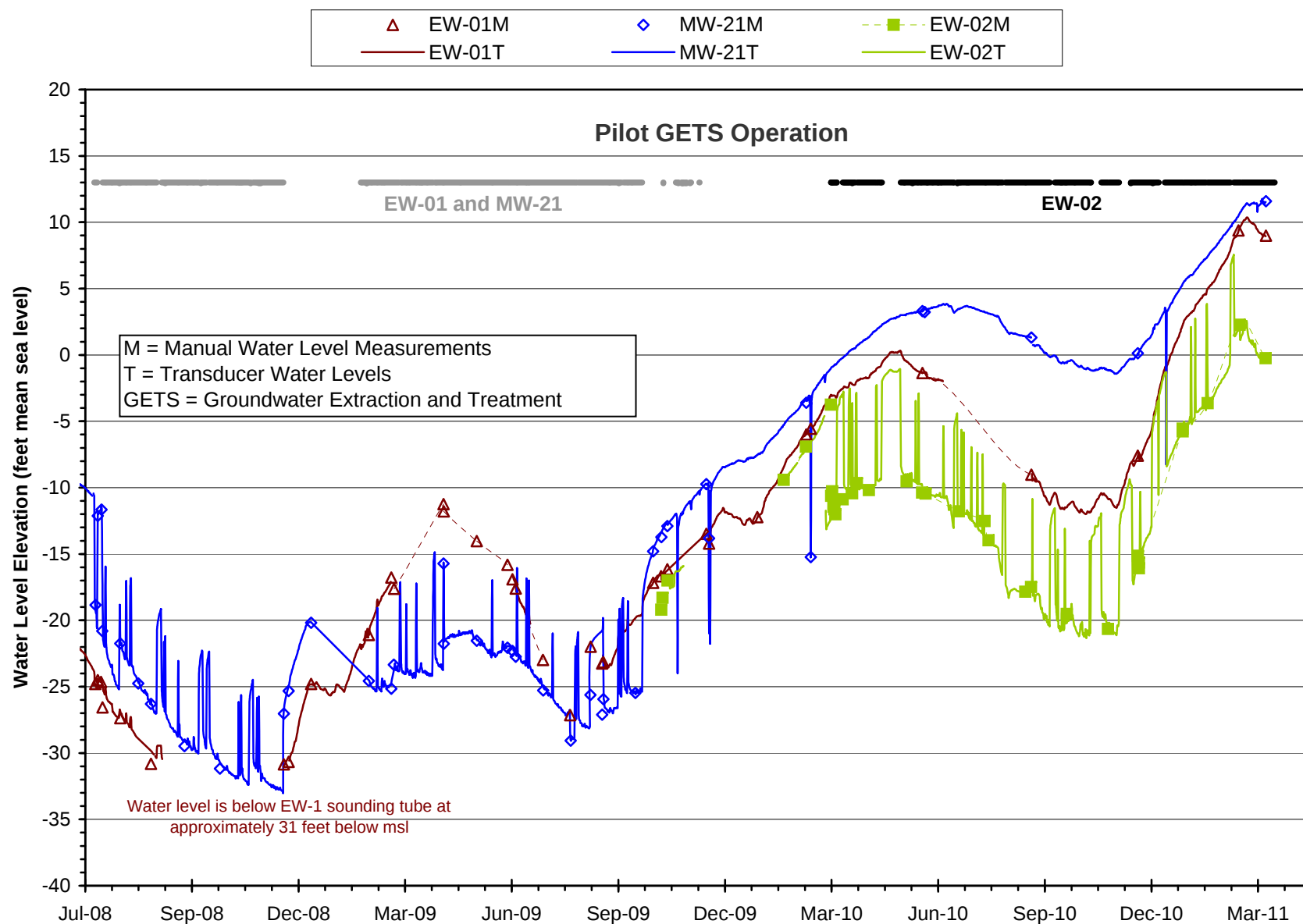


FIGURE 19.
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM OPERATION
AND EXTRACTION WELL WATER LEVELS

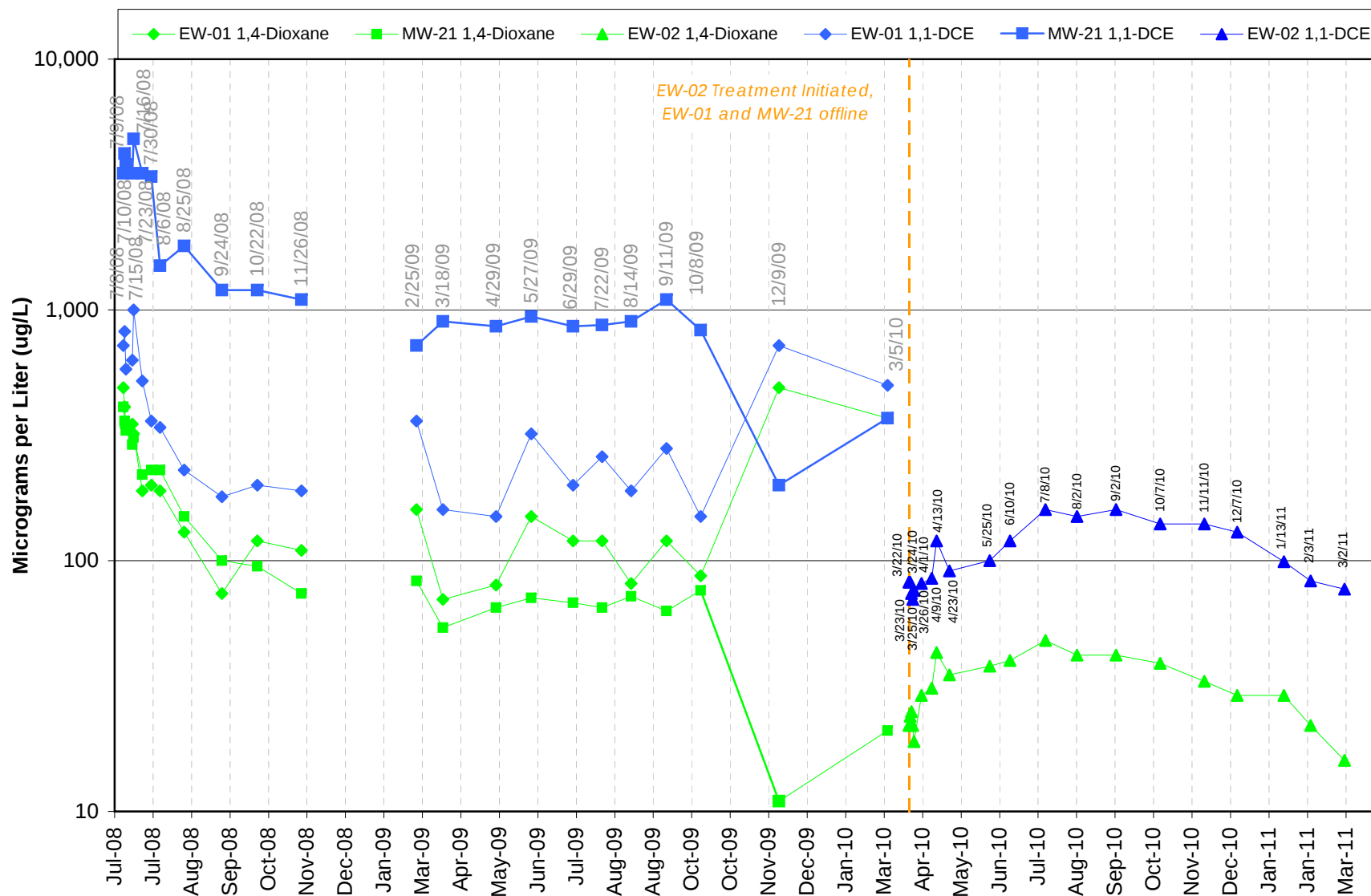
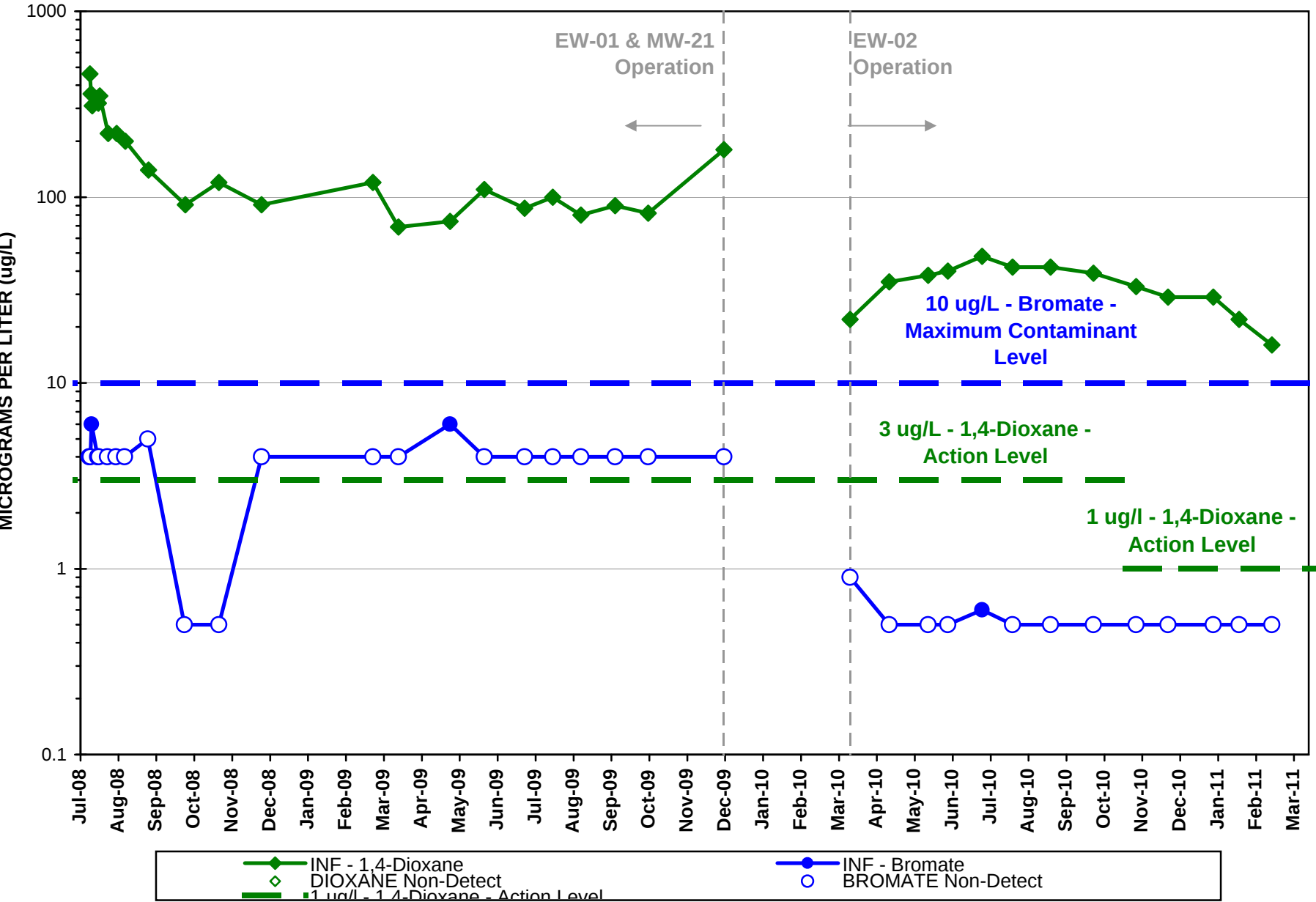


FIGURE 20. 1,1-DICHLOROETHYLENE AND 1,4-DIOXANE IN EXTRACTION WELLS EW-01, MW-21, AND EW-02



Influent (INF) Concentrations



Post-Hipox (POX) Concentrations

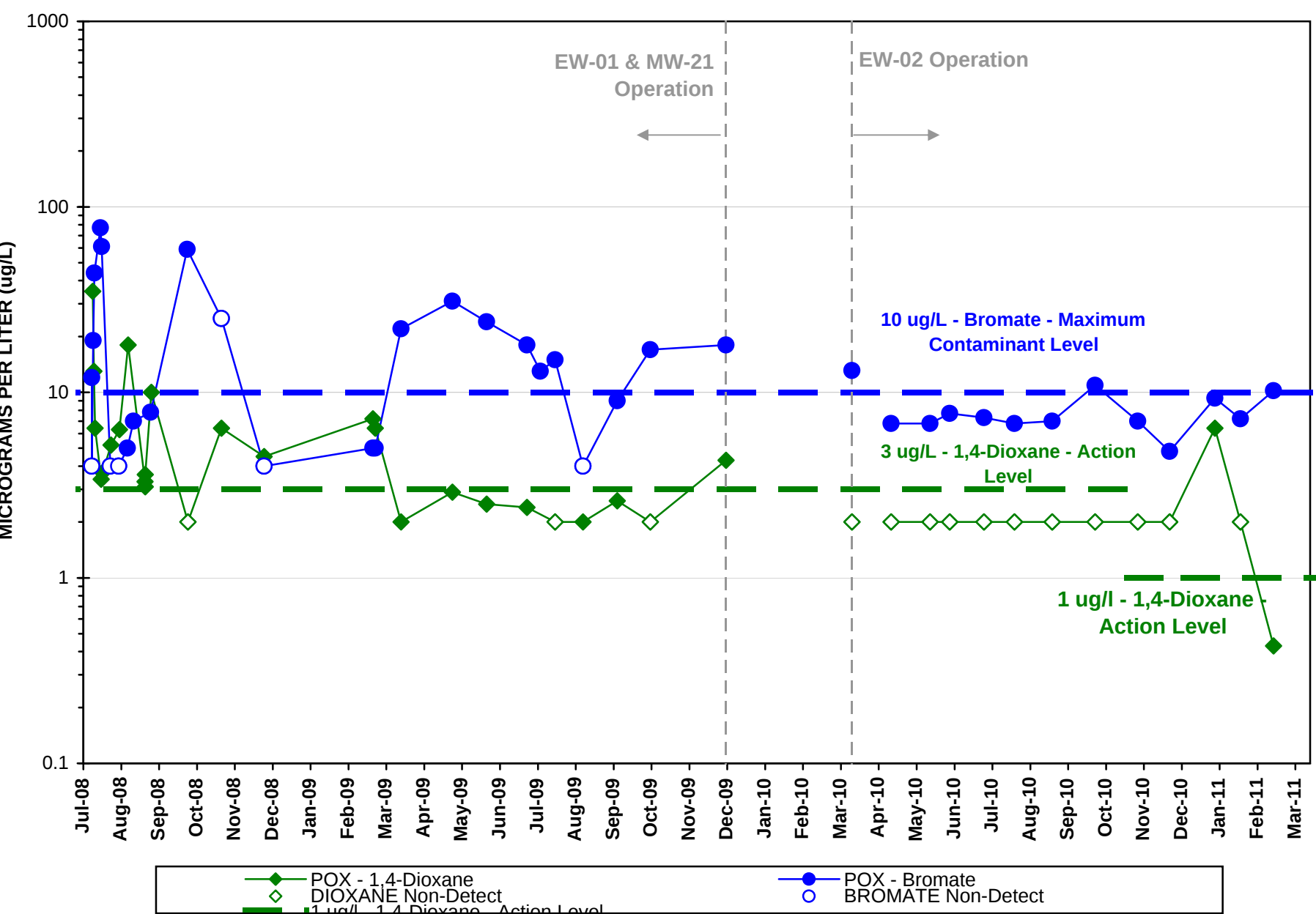


FIGURE 21. 1,4-DIOXANE AND BROMATE IN INFLUENT AND POST-OX. SAMPLES

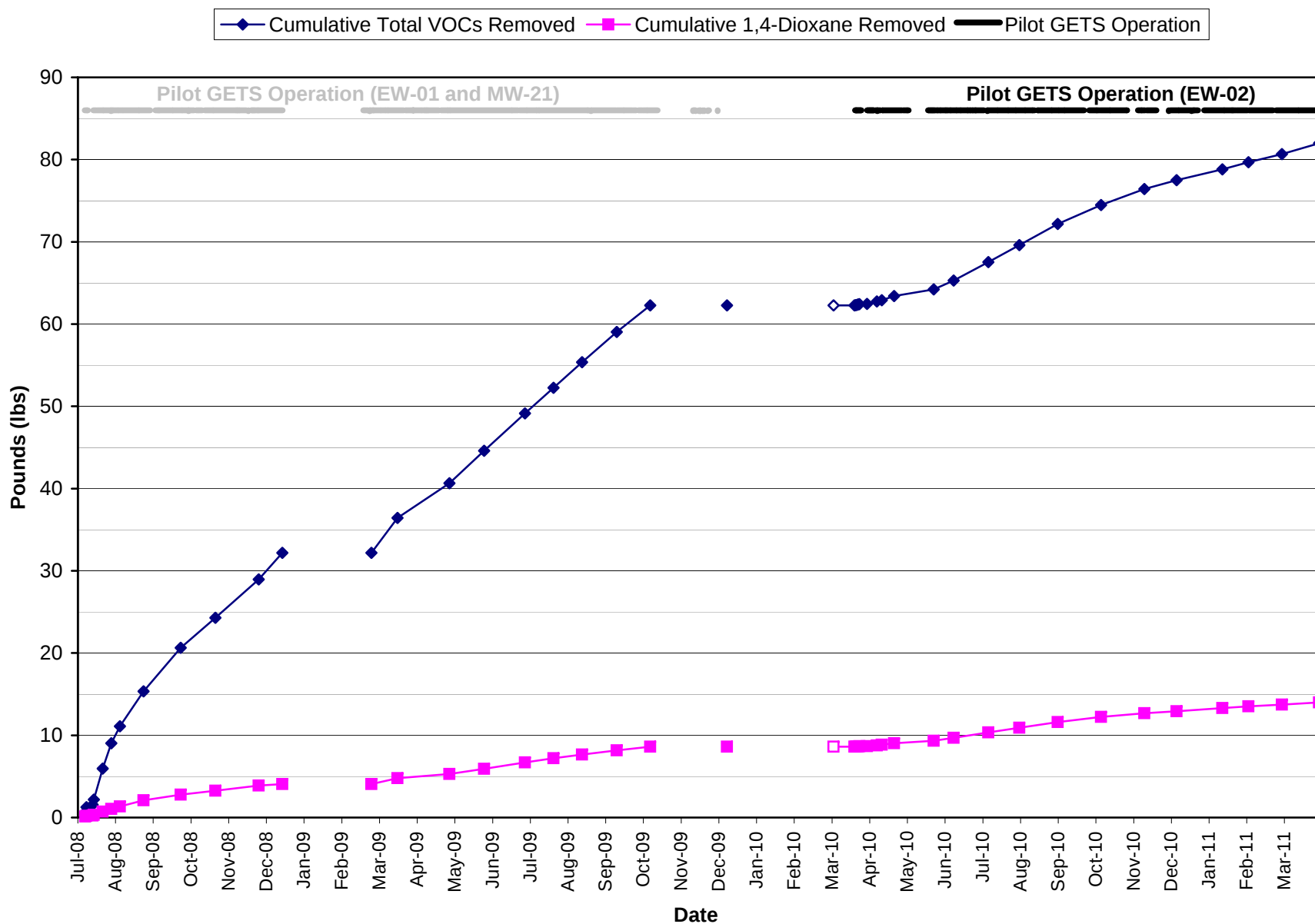


FIGURE 22.
PILOT GROUNDWATER EXTRACTION AND TREATMENT SYSTEM MASS REMOVAL

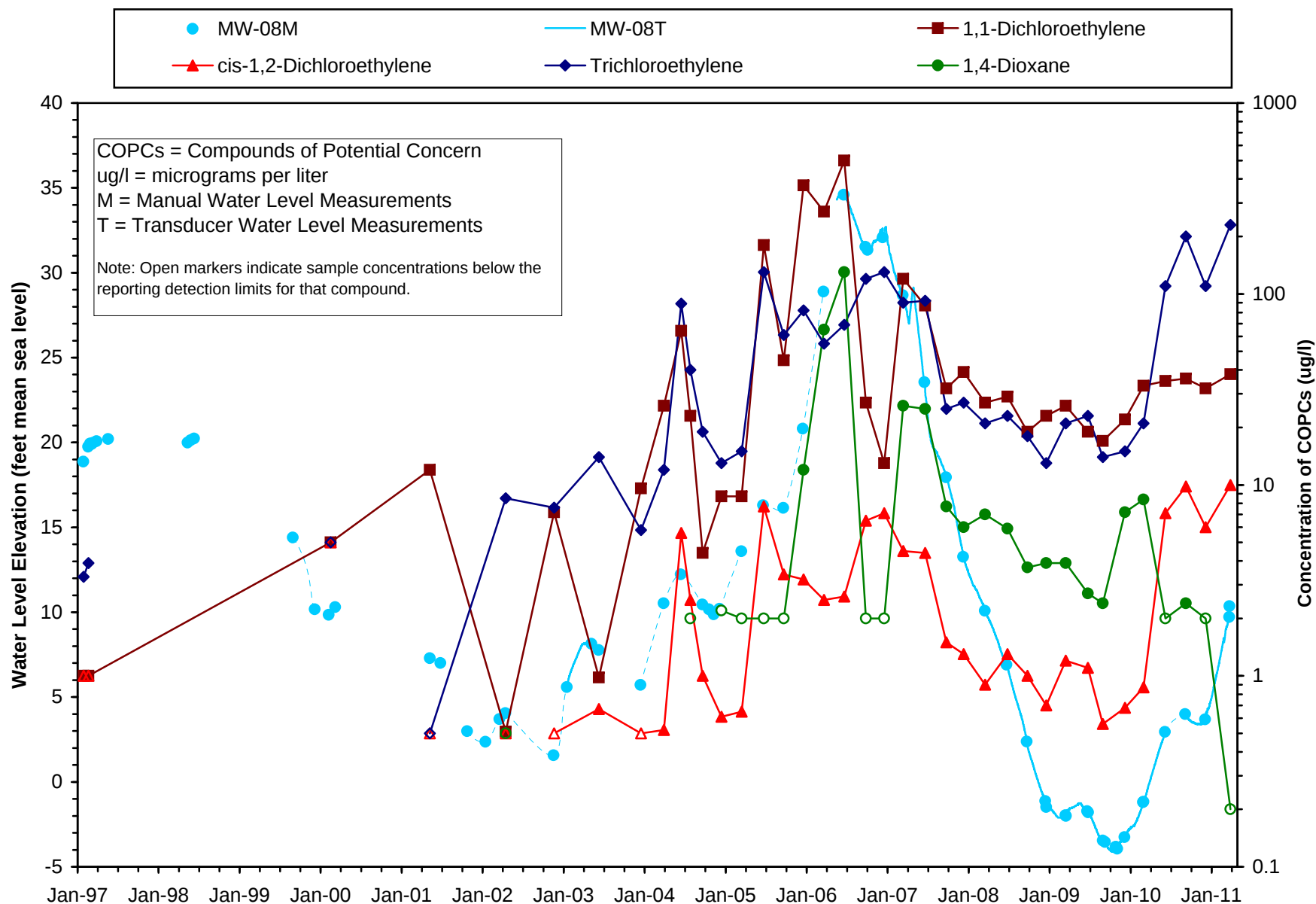


FIGURE 23. WATER LEVEL AND WATER QUALITY, MONITOR WELL MW-08