GROUNDWATER MONITORING REPORT

DUAL SITE GROUNDWATER OPERABLE UNIT
MONTROSE CHEMICAL AND
DEL AMO SUPERFUND SITES
LOS ANGELES, CALIFORNIA

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June 28, 2012

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1.0 INTRODUCTION AND BACKGROUND

Presented in this document are results of groundwater monitoring completed in February and March 2011 for the Montrose Chemical and Del Amo Superfund Sites. The groundwater monitoring was undertaken at the request of the U.S. Environmental Protection Agency (EPA), pursuant to the Amended Administrative Order for Groundwater Remedial Design Work and its attached Statement of Work (SOW) for the Dual Site Groundwater Operable Unit, Montrose Chemical and Del Amo Superfund Sites (EPA Docket No. 2008-04A).

The Del Amo and Montrose Superfund sites have unrelated histories, but are considered collectively by EPA with respect to the groundwater operable unit and associated remedial design investigations. The principal groundwater contaminants present in the dual site include chlorobenzene, DDT, para-chlorobenzene sulfonic acid (pCBSA), benzene, ethylbenzene, trichloroethene (TCE), and tetrachloroethene (PCE). Multiple groundwater contamination sources are present in the vicinity of the dual site, some of which are unrelated to either the Del Amo or Montrose sites. Findings presented in this document focus on the Del Amo site and dissolved benzene in particular.

The subject facility at the Del Amo Superfund site is a former synthetic rubber manufacturing plant that was located on approximately 280 acres near the intersection of the 405 and 110 freeways in the Harbor Gateway portion of Los Angeles, California (Figure 1). This former facility area is hereafter referred to as “the plant site.” Groundwater monitoring activities pertaining to the Montrose Superfund site, and chlorobenzene in particular, were performed contemporaneously with those for the Del Amo site, and are reported in a separate document completed by AECOM.

2.0 PURPOSE AND SCOPE

Groundwater monitoring was completed to provide water quality and water level data for the following purposes:

- Evaluation of groundwater flow directions;
- Evaluation of the lateral and vertical extent of dissolved contaminant plumes; and,

- Verification that the benzene plume is within the containment zone identified within the Record of Decision (ROD) and is stable;

The following tasks were completed as part of the investigation:

- Measurement of groundwater levels at 111 monitoring wells;
- Collection and laboratory analysis of groundwater samples from 29 wells for volatile organic compounds (VOCs);
- Collection and laboratory analysis of groundwater samples from 12 wells for tertiary butyl alcohol (TBA);
- Laboratory analysis of Quality Assurance/Quality Control (QA/QC) samples to aid in subsequent evaluation of data quality; and,
- Evaluation of the groundwater elevation and laboratory analytical data and preparation of this report.

Monitoring wells included in the investigation are listed in Table 1 along with their location-specific scope of work. While EPA did not require a work plan for the recent monitoring event, the sampling and analytical program was completed in accordance with procedures outlined in Appendix A (Standard Operating Procedures) of the Field Sampling Plan and Quality Assurance Project Plan for the 2004 baseline groundwater monitoring event (URS, 2004). Further details regarding the completed scope of work and results are provided in Sections 4 and 5 below.

3.0 HYDROSTRATIGRAPHY REVIEW

The subsurface in the vicinity of the Montrose and Del Amo dual site includes the Bellflower Aquitard and the underlying Gage and Lynwood aquifers. The Bellflower Aquitard is subdivided into the Upper Bellflower (UBF), Middle Bellflower B Sand (MBFB), Middle Bellflower Mud (MBFM), Middle Bellflower C Sand (MBFC) and the Lower Bellflower Aquitard (LBF). A schematic showing the relative positions of the hydrostratigraphic units is presented on Figure 2. As shown on the figure, the water table currently lies within the UBF to the east of Normandie Avenue, and within the MBFB to the west due to the slight northeasterly dip of the hydrostratigraphic units and the groundwater gradient.

Many existing water table wells located near the western boundary of the plant site are screened across the basal portion of the UBF and extend into the MBFB because of the proximity of the water table to the UBF/MBFB contact. Additionally, due to a long period of rising groundwater levels, the screened intervals of some older wells that originally spanned the water table are now submerged below the water table.

The following reporting format is followed in this document in view of the above issues:

- Investigation results are presented for water table, MBFB, MBFC and Gage aquifer units.
- Water table data includes results for the saturated portion of the UBF (east of Normandie Avenue) and those MBFB wells with screened intervals that are not submerged below the water table by more than 10 feet;
- Data for wells screened in both the UBF and MBFB and whose screened intervals are not submerged by more than 10 feet are included in both the water table and MBFB.
- Data for wells that are screened in both the UBF and MBFB and with screened intervals that are submerged by more than 10 feet and are presented only in the MBFB.

Hydrogeologic conditions result in a special classification for two wells. As indicated on Figure 2, the Middle Bellflower Mud is not present in the eastern portion of the plant site, resulting in the MBFB and MBFC units being merged into a single unit up to 75 feet thick. Wells in the merged unit are generally screened within either the upper or lower portion of the merged unit and are therefore uniquely classified as MBFB or MBFC wells, respectively. However, the merged unit is only 40 feet thick in an area near the eastern plant site boundary where wells SWL0060 and SWL0010 are located, and the screen and gravel pack for these wells extends over a substantial portion of the total unit thickness, from near the top to slightly more than half way to the bottom. Therefore, wells SWL0060 and SWL0010 and their associated data appear in figures and tables pertaining to both the MBFB and the MBFC and these wells have are classified as being screened in both units.

4.0 GROUNDWATER ELEVATIONS

Groundwater level measurements were generally completed between February 13 and 16, 2012 using an electronic water level indicator or interface probe. Depth to groundwater measurements were converted to groundwater elevations relative to mean sea level (MSL) using surveyed elevations for fixed measuring points at each monitoring location. Groundwater elevation data are presented in Table 2, and include data generated by other investigators for the Montrose site as well as historical groundwater elevation data for comparison. The data for each hydrostratigraphic unit are further discussed below.

4.1 WATER TABLE

Water table elevations within the plant site ranged from a high of -3.87 feet MSL at PZL0005, to a low of -10.04 feet MSL at PZL0001, near the southeast corner of the plant site. Water table elevations were typically approximately two feet higher than those for the previous monitoring

event in 2006. This elevation change is consistent with the long-term trend of rising groundwater levels that is apparent from the time-series groundwater elevation data (Table 2).

Figure 3 presents interpretive groundwater elevation contours for the water table during the recent monitoring event. As indicated, the gradient is generally southwesterly, but is highly variable, including local areas of mounding in the vicinity of the waste pit area and near the southeast corner of the plant site. This mounding is likely due to artificial recharge from anthropogenic sources. The gradient as a whole is similar to the gradient for the previous 2006 monitoring event.

4.2 MIDDLE BELLFLOWER B SAND

Groundwater elevations and contours for the MBFB are presented on Figure 4. Groundwater elevations ranged from a high of -8.88 feet MSL at SWL0029 to a low of -11.85 feet MSL at SWL0019. MBFB groundwater elevations were on average approximately two feet higher than for the previous 2006 monitoring event, continuing a long-term trend of rising groundwater levels, as indicated in Table 2.

Based on the contours presented on Figure 4, groundwater flow in the MBFB is interpreted to be southerly to southeasterly in the vicinity of the plant site, at an average gradient of 0.0003. This gradient is similar to the gradient for the previous 2006 monitoring event.

4.3 MIDDLE BELLFLOWER C SAND

MBFC groundwater elevations and contours are presented on Figure 5. MBFC groundwater elevations ranged from -9.00 feet MSL at well SWL0030 to -11.67 feet MSL at SWL0027. Groundwater elevations were on average approximately two feet higher than for the previous 2006 monitoring event and indicate a continuing trend of rising groundwater elevations through time.

Groundwater flow in the MBFC is toward the south to south-southeast at the plant site, under an average hydraulic gradient of approximately 0.0006. This flow direction is similar to that for the previous 2006 monitoring event.

4.4 GAGE AQUIFER

Groundwater elevations and contours for the Gage aquifer are presented on Figure 6. Groundwater elevations ranged from -11.58 feet MSL at SWL0031 to -14.25 feet MSL at SWL0020. Groundwater elevations were typically one to two feet higher than for the previous

2006 monitoring event. The time-series elevation data (Table 2) indicate a continuing, long-term trend of rising groundwater elevations in the Gage aquifer.

Groundwater flow in the Gage is interpreted to be toward the southeast under an average hydraulic gradient of approximately 0.0007. No significant change in groundwater flow direction or gradient relative to previous monitoring events is apparent.

4.5 HYDRAULIC HEAD

Data for co-located wells completed in different hydrostratigraphic units indicate that water levels are typically lower in successively deeper hydrostratigraphic units. Representative groundwater elevations for co-located wells completed in different hydrostratigraphic units can be compared in the table below:

Well Cluster Location	HSU	Well	2012 Groundwater Elevation (ft. MSL)
Western Plant Site Boundary	Water Table	PZL0016	-8.88
	MBFB	SWL0029	-8.91
	MBFC	SWL0030	-9.03
	Gage	SWL0031	-11.59
Central Plant Site, Francisco St.	Water Table	SWL0016	-8.44
	MBFB	SWL0037	-9.47
	MBFC	SWL0035	-9.73
	Gage	SWL0036	-12.99
East of Plant site, Figueroa St.	Water Table	SWL0009	-6.88
	MBFB/C	SWL0010	-10.69
	Gage	SWL0025	-13.36

For a given location, groundwater elevations in the water table, MBFB, and MBFC typically are within a few feet of each other and decrease with depth, and the level in the Gage is typically an additional two to four feet lower than the MBFC. The decreasing water level with depth indicates a downward hydraulic gradient.

5.0 LNAPL

The potential presence of light non-aqueous phase liquid (LNAPL) was evaluated at plant site wells where it has been historically observed and where strong hydrocarbon odors were noted

during groundwater level measurement. LNAPL evaluation was completed using an electronic interface probe, and where present, the LNAPL thickness was documented to the nearest hundredth of a foot. LNAPL was present at water table wells SWL0001 (1.60 feet thick) and XMW-20 (1.86 feet), and at MBFB well SWL0032 (2.54 feet). The measured LNAPL thicknesses are from inside the well casing and do not correlate with the LNAPL thickness in the surrounding formation since LNAPL entering the well screen accumulates through time within the casing. Wells SWL0001, SWL0032 and XMW-20 are located in close proximity to each other near the western boundary of the plant site (coordinates E4 on Figure 8), in a known groundwater contamination source area. Historical data indicates the LNAPL in this area to be composed almost entirely of benzene. LNAPL with a benzene component has also been historically observed within the plant site at temporary well point CWL0051 (coordinates J6 on Figure 8) and south of the plant site at abandoned well XP-01 (coordinates G8). The XP-01 LNAPL is associated with adjacent petroleum product pipelines and is unrelated to the plant site.

A more comprehensive description of LNAPL areas associated with the plant site is presented in the "Remedial Investigation Report, Soil and NAPL Operable Unit" (URS, 2005) and in the subsequent "LNAPL Characterization Report, Source Areas 3, 6, 11 and 12" (URS and Newfields, 2011).

6.0 GROUNDWATER SAMPLING AND ANALYTICAL RESULTS

6.1 SAMPLING METHODS

Prior to sampling, at least three casing volumes of groundwater were purged from each well using a submersible pump. Water quality parameters, including pH, temperature, electrical conductivity, turbidity, oxidation reduction potential, and dissolved oxygen were measured during purging using a calibrated, multi-parameter water quality meter. Purge rates were adjusted for each well based on the available casing volume and to achieve relative stable water quality measurements. Water quality parameters measured in the field were documented for each sampled well during purging and are available upon request. Following completion of all sampling, the purge water was stored in a temporary tank at the waste pit area pending waste profiling to determine appropriate offsite disposal. The waste water was subsequently removed from the tank by American Integrated Services and transported as hazardous waste to DeMenno/Kerdoon in Compton, California for treatment and recycling. A copy of the waste manifest has been retained in the project files.

Groundwater samples were collected using a submersible pump and attached polyethylene tubing. For wells where dedicated pumps were installed there was associated dedicated tubing, while for the remaining wells, a cleaned, non-dedicated pump and new, disposable tubing was used. Samples were collected in appropriate pre-cleaned, laboratory-supplied 40 milliliter glass vials containing hydrochloric acid preservative. The flow rate was significantly reduced while

sampling to minimize agitation and aeration, and to ensure sample vials were free of head-space. Samples were labeled and placed in a cooler packed with ice for temporary storage and same-day shipment to the analytical laboratory. Chain-of-custody documentation accompanied all sample shipments.

6.2 OVERVIEW AND DATA PRESENTATION FORMAT

Groundwater samples for the recent monitoring event were generally collected between February 16 and March 5, 2012. However, data collected as early as December 8, 2011 and as late as April 27, 2012 are also included in this report, as described further below. All wells sampled by URS during the recent monitoring event and the associated laboratory analyses completed are identified on Table 1.

Water table wells in the vicinity of the waste pit area, including PZL0018 - PZL0020, PZL0022, PZL0024, SWL0008, SWL0044, SWL0051, XMW-29, and XP-02 were sampled and analyzed for VOCs in December 2011 as part of quarterly monitoring for Operable Unit (OU) 2 completed by C2REM for Shell. While not part of the recent URS monitoring event, data for these wells are presented in this report and treated as equivalent to the February/March 2012 URS monitoring event data with respect to VOC concentrations and interpreted plume distributions.

Table 3 presents a time-series summary of VOC data from site-wide Del Amo monitoring events completed from October 1994 through the recent 2012 event. Comprehensive reporting of all analytical data for the recent 2012 monitoring event is presented in electronic format (compact disk) in Appendix A.

Groundwater VOC analytical results are discussed below for each of the four hydrostratigraphic units. Figures 7 - 22 summarize the VOC data for the site and surrounding area, including data collected by other investigators for the Montrose site. The most recent available data are presented on the figures for each sampling location. Locations for which there are data from the recent monitoring event are distinguished from locations with historical data by their unique symbols, as indicated in the figure legend. The date of the data (month/year) is provided for each location with historical data. In some cases, the historical data is relatively old and may not be representative of current conditions.

Discussion of VOC concentrations and plume distributions are limited to benzene and TCE, which are judged to be the key groundwater contaminants present at the plant site. Other important contaminants for the dual site include chlorobenzene and para-chlorobenzene sulfonic acid (pCBSA), which are associated with the Montrose property and are discussed in a separate report under preparation by AECOM.

For the purposes of this report, “plume” refers to an area where dissolved-phase concentrations of the contaminant of interest are present, regardless of the presence or absence of other compounds. This differs from the ROD definition with respect to the benzene and TCE plumes, which only included areas where benzene or TCE were present in the absence of chlorobenzene. Plume locations are in some cases described in this report with respect to the “containment zone”, which is indicated on the figures. The containment zone was defined in the Groundwater ROD (EPA, 1999), and indicates the area within which EPA recognizes that attainment of groundwater standards is technically impracticable and alternatively requires groundwater containment. The containment zone is also referred to as the “technical impractibility (TI) waiver” zone.

Monitoring locations where a long-term trend of increasing or decreasing concentrations were identified from concentration versus time plots are identified in the sections below and presented in Appendix B. Evaluation of concentration trends was limited to benzene and TCE.

6.3 VOC DISTRIBUTION

6.3.1 Water Table

Detected VOC concentrations at each water table sampling location are shown on Figure 7 and time-series data for each detected analyte are presented in Table 3.

Benzene

Benzene is typically detected at higher concentrations and over a larger area than other dissolved-phase contaminants at the plant site. There are multiple benzene source areas at the plant site and surrounding vicinity, and the associated plumes from some of these sources are commingled, as indicated on Figure 8. However, benzene plumes associated with the plant site remain within the containment zone. The benzene distribution is generally similar to previous monitoring events with the exceptions noted below. Within the western plant site benzene plume, local concentration maxima occur in the central and southern portions of the plant site that correspond to the styrene plancor and the Waste Pit Area. Within the eastern plant site benzene plume, concentration maxima occur at two areas near the southeastern corner of the plant site. These areas correspond to former rubber plant pipeline areas. Source areas unrelated to the plant site contributing to the observed benzene distribution, include an LNAPL area in the vicinity of abandoned well XP-01, south of the plant site.

The 2012 benzene concentrations are significantly decreased relative to previous monitoring events for several wells in the vicinity of the waste pits at the southern end of the plant site, as indicated in the table below and shown on Figure 8.

Well	Benzene Concentrations by Year (µg/l)			
	2000	2004	2006	2012
PZL0020	410,000	510,000	290,000	190,000
SWL0008	9,300	49,000	21,000	52
PZL0024	42,000	NA	NA	<0.5
SWL0044	24,000	5,700	56,000	1.1

The above reductions in benzene concentrations have likely resulted from the active soil vapor extraction system at the waste pit area that has been operating since 2006 in conjunction with natural attenuation. As a result of the decreased concentrations, the benzene plume distribution in the vicinity of the waste pits is significantly smaller than presented in previous monitoring reports. Dissolved-phase benzene has been largely removed from the eastern portion of the waste pit area with the exception of well PZL0018 (coordinates G7 on Figure 8), where the benzene concentration has increased (1.4 µg/l in July 2000; 1,700 µg/l in February 2012). The reason for this recent, localized increase and the resultant isolated area of dissolved-phase benzene is unclear, but continued groundwater monitoring is planned for this area as part of the waste pit area remediation.

The benzene distribution south of the plant site, in the vicinity of well SWL0021 (coordinates I8 on Figure 8) is also interpreted to have changed since the previous monitoring event. Benzene was formerly interpreted to be present at low concentrations (1-21µg/l) over a relatively large portion of the area between Del Amo Boulevard and Torrance Boulevard that was previously used as a landfill, unrelated to the plant site. The benzene plume in this area is interpreted to be substantially smaller than for previous monitoring events.

Graphs illustrating identified long-term benzene concentrations trends are presented in Appendix B. Wells for which benzene concentration trends were identified and their respective type are as follows:

Well	Coordinates (Figure 8)	Trend Type
PZL0020	F7	Decreasing
PZL0024	F7	Decreasing
SWL0016	G6	Decreasing
SWL0044	F7	Decreasing
SWL0049	C8	Decreasing
XMW-01	C7	Decreasing
XMW-13	D7	Decreasing
XMW-21	E5	Decreasing

TCE

The water table TCE distribution is illustrated on Figure 9. Maximum TCE concentrations (up to 46,000 µg/l) are present west of the plant site, in the vicinity of PACCAR property wells XMW-04T and XMW-05T (coordinates D3 on Figure 9) based on historical data. Additional local concentration maxima occur to the west of the plant site at well IRZMW001A (16,000 µg/l; coordinates B3), and near the southwest corner of the plant site at XMW-13 (810 µg/l, coordinates D7). A separate plume of lesser concentrations occurs south of the southeastern corner of the plant site where a landfill was formerly located. Substantial portions of the TCE plume west and southwest of the plant site are outside of the containment zone.

Graphs illustrating identified long-term TCE concentration trends are presented in Appendix B. TCE concentration trends are identified for the following wells:

Well	Coordinates (Figure 9)	Trend Type
SWL0021	I8	Decreasing
SWL0024	I8	Decreasing
SWL0042	I9	Decreasing
SWL0044	F7	Decreasing
SWL0049	C8	Increasing
SWL0051	F8	Decreasing
XP-02	F7	Increasing

6.3.2 Middle Bellflower B Sand

MBFB VOC data are summarized on Figure 10. Benzene continues to be the most commonly detected VOC, and the VOC most often detected at the highest concentration.

Benzene

The MBFB benzene plume is depicted on Figure 11 and is similar to that for previous monitoring events. The portions of the benzene plume attributable to plant site sources remain within the containment zone. Long-term benzene concentration trends are identified for the following wells:

Well	Coordinates (Figure 10)	Trend Type
SWL0049	C8	Decreasing
XG-01WC	G8	Decreasing
XMW-01	C7	Decreasing
XMW-13	D7	Decreasing
XMW-21	E5	Decreasing

TCE

The MBFB TCE distribution is presented on Figure 12. Local TCE concentration maxima occur west of the plant site based on historical data for wells IRZMW003A (18,000 µg/l; coordinates B4), XOW-06 (12,000 µg/l; coordinates D4), and XMW-06 (1,400 µg/l; coordinates B8). TCE concentrations tend to be higher in the MBFB than in the overlying water table near the western plant site boundary. This is apparent from the historical TCE data for CPL0084 (coordinates D5), for which there is both water table and MBFB data (TCE = 32 µg/l in the water table; 3,500 in the MBFB) as well as for wells SWL0004 / SWL0032 (530 / 5,100 µg/l; coordinates E5).

TCE is not known to have been used at the plant site, and thus plant site related source areas and associated plumes have not been identified. Multiple TCE source areas unrelated to the former rubber plant are known to exist west of the plant site, and the plumes from these sources extend onto the plant site. As indicated on Figure 12, substantial portions of the total TCE distribution area lie outside of the containment zone.

Wells for which long-term TCE concentration trends were identified are limited to SWL0049 (coordinates D8 on Figure 12) and XP-02 (coordinates F7) where concentrations are increasing through time. Trend charts for these wells are presented in Appendix B.

6.3.3 Middle Bellflower C Sand

VOC results for the MBFC are summarized on Figure 13. Chlorobenzene is considered the most prevalent VOC in the MBFC given its relatively high concentrations and wide distribution. Chlorobenzene is associated with the adjacent Montrose property and is therefore not discussed further here.

Benzene

The MBFC benzene distribution is illustrated on Figure 14. Benzene that is likely associated with the plant site occurs in three plume areas. The first plume is centered near SWL0065 (coordinates F5), where a local maxima benzene concentration of 95,000 µg/l occurs. The downgradient extent of this plume is constrained by the low or non-detect benzene concentrations at wells SWL0058, SWL0055, SWL0018, and SWL0035. This plume is inferred to be associated with an overlying plume in the water table and MBFB (Figures 8 and 11). A second, small benzene plume occurs along the southern boundary of the plant site in the vicinity of well SWL0040, where benzene was detected at 49,000 µg/l in 2000, the most recent data available for this well. This plume is confined to a relatively small area based on data for numerous surrounding wells where benzene concentrations are all less than 1 µg/l. The third plume occurs at SWL0060 (coordinates J6), and is identical to the plume shown for the MBFB in this area since SWL0060 is considered to be both an MBFB and MBFC well, as previously described in Section 3.0.

The above plant site plumes are confined to the MBFC containment zone, with the possible exception of the area near well SWL0060. The Groundwater ROD defines the containment zone with respect to individual hydrostratigraphic units, but does not indicate how it applies for areas where the MBFB and MBFC are merged into a single unit, as is the case in the vicinity of well SWL0060.

An additional benzene plume extends over the southwestern corner of the plant site, but is inferred to emanate from the Montrose property based on the plume position, groundwater flow direction, and correlation with the chlorobenzene plume. The presence of benzene in this area is less apparent because of elevated detection limits associated with high concentrations of chlorobenzene, but can be inferred through review of historical data for wells such as XBF-15 (coordinates D9) and SWL0033 (coordinates E8). While benzene concentrations in this plume are relatively low, the plume encompasses a larger area and extends further downgradient compared to the plant site MBFC benzene plumes, which is believed to be due to the coincident presence of chlorobenzene at high concentrations. This same occurrence of low levels of benzene in conjunction with high levels of chlorobenzene and an extended benzene plume length is also apparent in the deeper Gage Aquifer.

Identified long-term benzene concentration trends for the MBFC are limited to SWL0055 (coordinates F7), where the concentration has decreased through time and was below the detection limit (<5 µg/l) for the recent monitoring event.

TCE

The MBFC dissolved TCE distribution is shown on Figure 15 and indicates two separate plumes that have partially merged at their downgradient end. Chlorobenzene is consistently detected in the area where the plumes are inferred to have merged, near SWL0058 (360 µg/l in recent monitoring event), providing evidence that TCE sources west of the plant site are contributing to the plume at this location. Portions of the TCE plume west and south of the plant site lie outside the containment zone.

A long-term trend of decreasing TCE concentration through time was identified for well SWL0054 (Appendix B). The TCE concentration at this well was 3,600 µg/l in 2004 and decreased to 1,100 µg/l in the most recent event. Trends of increasing TCE concentration were not identified for any monitoring wells sampled during the recent event.

6.3.4 Gage Aquifer

VOC results for the Gage aquifer are summarized on Figure 16. Chlorobenzene is considered the primary VOC in the Gage aquifer based on its high concentrations and wide distribution relative

to other VOCs. Chlorobenzene is inferred to be associated with the adjacent Montrose Site and its distribution is therefore not presented on a figure or further discussed in this report.

Benzene

The Gage aquifer benzene distribution is illustrated on Figure 17, showing two distinct plumes. The more southerly plume is interpreted to be associated with the Montrose site and the chlorobenzene plume (not shown), within which it is entirely contained. While characterized by lower benzene concentrations (45 µg/l maximum at SWL0034, coordinates E8) than the more northerly benzene plume, the southerly plume extends over a larger area and further downgradient, similar to the previously described MBFC benzene plume that lies within the chlorobenzene plume.

The northern plume, centered at SWL0063, is smaller in extent but contains benzene at a higher maximum concentration (460 µg/l at SWL0063). This plume is interpreted to be associated with the plant site and a coinciding area of elevated benzene in the overlying water table, MBFB and MBFC units, as indicated on Figures 8, 11 and 14, respectively. The downgradient extent of the plume is constrained by XG-17, XG-11, SWL0022 and SWL0036, where benzene concentrations are below detection limits. While limited in extent, the SWL0063 plume is outside of both the chlorobenzene plume and the Gage aquifer containment zone.

Long-term trends of increasing or decreasing benzene concentration were not identified for Gage wells sampled during the recent event.

TCE

The dissolved TCE plume in the Gage aquifer is presented on Figure 18. Local TCE concentration maxima occur at well XG-21 (750 µg/l historically; coordinates C5) and SWL0067 (470 µg/l; coordinates D4). The TCE distribution is subject to various interpretations, but the comingling of plumes from at least two separate source areas upgradient from the plant site is inferred from Figure 18. The majority of the Gage TCE plume is outside of the containment zone.

Long-term trends of increasing or decreasing TCE concentration through time were not identified for Gage monitoring locations sampled during the recent event.

6.4 TERTIARY BUTYL ALCOHOL

TBA was detected at nine monitoring locations from the original list of wells for which VOC analyses were completed. The laboratory did not include TBA as an EPA Method 8260 analyte for previous monitoring events, and thus dissolved TBA at the plant site was previously unknown. The TBA detections occurred at five water table monitoring locations, three MBFB

locations, and one MBFC location. While detected TBA concentrations ranged from 48 to 210 µg/l for most locations, a concentration of 13,000 µg/l was detected at MBFB well SWL0060. There is no drinking water maximum contaminant level for TBA, however there are California Department of Public Health (CDPH) "Notification Level" and "Response Level" criteria of 12 and 1,200 µg/l, respectively. These criteria apply to individual drinking water sources and respectively present concentrations at which it is recommended that users of the source be notified and the recommended level at which the source should be removed from service.

Based on the TBA detections and elevated concentration for well SWL0060, additional groundwater sampling for TBA alone was completed to further evaluate the lateral and vertical distribution of TBA and to confirm the original SWL0060 result. The specific wells for which the additional, TBA-only analyses were completed are indicated in Table 1 and the sampling was completed March 27 – 30, 2012. More wells for TBA sampling were subsequently added to address an EPA concern that TBA could potentially be present onsite in the vicinity of Gage aquifer injection wells planned as part of the groundwater remedy for the joint Montrose and Del Amo Superfund Site. Sampling of these additional wells, was accomplished on April 25 and 26, 2012.

The interpreted TBA distributions for the water table, MBFB, MBFC and Gage are presented on Figures 19-22, and include data from both the original VOC sampling round and the subsequent TBA-only sampling events. As shown on these figures, TBA plumes occur in two distinct areas on or adjacent to the plant site. Lesser concentrations of up to 210 µg/l are present in the water table, MBFB and MBFC near the southern boundary of the plant site, in the vicinity of active, refined petroleum product pipelines that are unrelated to the plant site. Much higher concentrations of up to 73,000 µg/l (water table well PZL0026) are present in a separate plume centered near the eastern plant site boundary. This area of high concentrations approximately coincides with a previously identified area of LNAPL-impacted soil where benzene and other VOCs are present at elevated concentrations.

The TBA distributions in the merged MBFB/MBFC and Gage units are subject to more interpretation than the water table due to the limited number of monitoring wells in the area of interest. However, TBA was detected at 13,000 µg/l at MBFB/C well SWL0060. The screen interval for this well extends approximately half way through the merged MBFB/MBFC, which is only approximately 40 feet thick in this area. The MBFB/C TBA plume in that area is therefore inferred to be similar to that observed in the overlying units. TBA was not detected in any Gage aquifer wells tested. Gage well SWL0025 (TBA <10 µg/l) is located approximately 800 feet downgradient (east-southeast) of area of LNAPL-impacted soil.

6.5 QA/QC DATA AND EVALUATION

Quality Assurance/Quality Control (QA/QC) samples analyzed as part of the monitoring program included five equipment blanks, eight trip blanks, and three field duplicate samples. The equipment blanks consisted of laboratory provided, organic-free water that was poured over a cleaned, non-dedicated pump and into sample vials. Analysis of these samples permits evaluation of potential cross-contamination between sampling locations. The trip blanks were laboratory-prepared vials of organic-free water that remained with the primary sample containers during transit to and from the site, and during sampling. The trip samples are not opened at any time during the field investigation, and their purpose is to allow evaluation of cross-contamination from laboratory sources as well as between sample containers. Duplicate samples are collected at the same time and location as a corresponding primary sample, and are used to evaluate the reproducibility of the laboratory analyses.

QA/QC samples were analyzed for the same constituents (either VOCs or TBA) and by the same method (EPA Method 8260) as for the corresponding primary samples. There is no evidence of any cross-contamination based on results indicating that all compounds were below detection limits in each of the equipment blank and trip blank samples. Duplicate samples were collected for locations PZL0001 and SWL0060. Comparison of the primary and duplicate sample results for these locations is provided in the table below:

Location	Detected VOCs	Primary Result	Duplicate Result	Relative Percent Difference (RPD)
PZL0001	Dichlorodifluoromethane	5.3	5.1	3.8
	Tertiary Butyl Alcohol	51	43	17
	Acetone	<20	32	Not Applicable
SWL0060	Benzene	15	14	6.9
	Toluene	4.8	5.4	12
	p/m-Xylene	3.3	3.1	6.3
	Methyl Tertiary Butyl Ether	2.7	2.8	3.6
	Tertiary Butyl Alcohol	13,000	12,000	8
SWL0060 (TBA resample)	Tertiary Butyl Alcohol	13,000	15,000	14.2

As indicated in the table, the RPDs between the primary and duplicate sample concentrations are all well below the 50% criteria for acceptance without qualification.

Based on the equipment blank, trip blank, and field duplicate sample results described above, as well as other criteria further described within the Data Validation Memorandum presented in Appendix C, the data presented in this report are judged adequate for their intended purpose.

TABLE 1
SAMPLING AND ANALYTICAL PLAN
2012 GROUNDWATER MONITORING EVENT
DEL AMO SUPERFUND SITE

HSU	Well	Grid Location[1]	Analytical Program		
			Groundwater Level Measurement	VOCs (8260B)	TBA (8260B)
Water table	PZL0001	J7	x	x	
	PZL0002	G1	x		
	PZL0003	D1	x		
	PZL0004	G5	x		
	PZL0005	J3	x		x
	PZL0006	F5	x		
	PZL0007	J5	x		x
	PZL0008	G3	x		
	PZL0009	F4	x		
	PZL0010	G4	x		
	PZL0011	I6	x		x
	PZL0012	H6	x		x
	PZL0013	H7	x		
	PZL0014	E3	x		
	PZL0015	E2	x		
	PZL0016	D4	x		
	PZL0017	F1	x		
	PZL0018	G7	x	x	
	PZL0019	E7	x		
	PZL0020	F7	x		
	PZL0022	G8	x		
	PZL0024	F7	x		
	PZL0025	E7	x		
	PZL0026	I7	x		x
	SWL0001*	D5	x		
	SWL0002*	D5	x		
	SWL0003*	D4	x		
	SWL0004*	E5	x		
	SWL0005	G8	x	x	
	SWL0006	F8	x	x	
	SWL0007	D2	x		
	SWL0008	F8	x		
	SWL0009	K7	x		x
	SWL0012	G3	x		
	SWL0015	I9	x		
	SWL0016	G6	x	x	
	SWL0017	G4	x		
	SWL0021	I8	x	x	
	SWL0024	I8	x	x	
	SWL0028	H10	x	x	
	SWL0038	E2	x		
	SWL0039	F2	x		
	SWL0042	I9	x	x	
	SWL0044	F7	x	x	
	SWL0046	H5	x		
	SWL0049*	C8	x	x	
	SWL0051	F8	x		
	SWL0057	G9	x	x	
	SWL0059	D3	x		
	SWL0068	I6	x		x
	XGW-07A	J8	x		
	XMW-01HD	H7	x		
	XMW-02HD	I7	x		
	XMW-03HD	I7	x		
	XMW-04HD	H7	x		
	XMW-20*	E4	x		
	XMW-21*	E6	x	x	
	XMW-24	D9	x	x	
	XMW-28*	E6	x		
	XMW-30*	E8	x	x	
	XP-02*	F7	x		

TABLE 1
SAMPLING AND ANALYTICAL PLAN
2012 GROUNDWATER MONITORING EVENT
DEL AMO SUPERFUND SITE

HSU	Well	Grid Location[1]	Analytical Program		
			Groundwater Level Measurement	VOCs (8260B)	TBA (8260B)
MBFB	SWL0001*	E5	x		
	SWL0002*	E5	x		
	SWL0003*	E5	x		
	SWL0004*	E5	x		
	SWL0010**	K7	x		x
	SWL0011	H7	x		x
	SWL0019	I9	x		x
	SWL0023	I8	x	x	
	SWL0029	D4	x		
	SWL0032	E5	x		
	SWL0037	G5	x	x	
	SWL0041	G7	x		x
	SWL0047	F5	x		
	SWL0048	F6	x		
	SWL0049*	D8	x	x	
	SWL0050	F7	x		
	SWL0052	H8	x		
	SWL0056	G9	x	x	
	SWL0060**	J7	x	x	x
	XG-01WC	G8	x	x	
	XG-02WC	F9	x	x	
	XGW-07C	K8	x		x
	XMW-20*	E5	x		
	XMW-21*	E5	x	x	
	XMW-28*	E6	x		
	XMW-30*	E8	x	x	
	XP-02*	F7	x		
	XP-03	H8	x	x	
MBFC	SWL0010**	K7	x		x
	SWL0013	H7	x		x
	SWL0018	G7	x	x	
	SWL0027	H10	x		
	SWL0030	D4	x		
	SWL0035	G6	x		
	SWL0040	G7	x		x
	SWL0053	H8	x	x	
	SWL0054	E5	x	x	
	SWL0055	F7	x	x	
	SWL0058	E7	x		
	SWL0060**	J6	x	x	x
	SWL0061	D4	x		
	SWL0064	D6	x		
	SWL0065	F6	x	x	
	XBF-13	G7			x
Gage	SWL0020	I9	x		
	SWL0022	G7	x		x
	SWL0025	K7	x		x
	SWL0031	D4	x		
	SWL0036	G6	x		
	SWL0063	F6	x	x	
	SWL0066	E6	x		
	SWL0067	D4	x	x	
	XG-11	G7			x
Totals	-		111	29	19

* Indicated wells are listed under both the water table and MBFB units but are counted only once for totals (sampling and groundwater level measurements are not repeated).

** Indicated wells are listed under both the MBFB and MBFC units but are counted only once for totals (sampling and groundwater level measurements are not repeated).

1 The grid location is an aid for locating the wells on the figures in which they appear

TABLE 2
Time-series Summary of Groundwater Elevations
2012 Groundwater Monitoring Report

HSU	Location	1994 Jul	1994 Oct	1995 Mar	1995 Jun	1995 Oct	1996 Jan	1996 May	1996 Oct	1997 Jan	1998 Feb	1999 Jan	2000 Jun	2004 Jan	2006 Oct	2012 Feb	Change In Level Over Period of Record (ft)	Average Rate of Change in Level (ft/yr)
Water Table	PZL0001	-20.05	-20.32	-19.19	-18.65	-18.97	-18.41	-18.70	-18.73	-18.70	-18.43	-17.21	-17.12	-16.38	-12.36	-10.04	9.87	0.56
	PZL0002	-13.49	-13.56	-12.78	-12.44	-12.31	-12.06	-11.83	-11.71	-11.83	-10.52	-8.74	-9.81*	-9.65	-7.34	-6.23	7.19	0.41
	PZL0003	-13.92	-14.01	-13.38	-12.97	-12.82	-12.37	-12.10	-11.95	-12.10	-10.85	-9.58	-9.70	-9.16	-6.33	-7.34	6.51	0.37
	PZL0004	-17.05	-17.23	-16.12	-15.61	-15.92	-15.58	-14.29	-15.34	-14.29	-14.70	-13.59*	-13.82	-13.65	-10.60	-8.66	8.34	0.47
	PZL0005	-12.00	-12.09	-11.67	-11.14	-11.37	-10.92	-10.87	-10.76	-10.87	-10.12	-8.90	-8.94	-6.50	-5.02	-3.87	8.27	0.47
	PZL0006	-17.72	-17.94	-17.06	-16.47	-16.82	-16.60	-16.37	-15.05	-16.37	-16.62	-14.52	-14.39	-13.94	-10.40	-8.59	9.22	0.52
	PZL0007	-18.74	-18.98	NA	-17.58	-17.65	-17.10	-17.35	-17.44	-17.35	-16.78	-15.92	-15.96	-14.39	-10.96	-9.39	9.21	0.52
	PZL0008	-14.59	-14.51	-13.81	-13.35	-13.08	-12.68	-12.49	-12.33	-12.49	-11.32	-10.20	-10.45	-10.50	-8.14	-6.88	7.71	0.44
	PZL0009	-17.47	-17.48	-17.00	-16.42	-16.34	-15.95	-15.74	-15.25	-15.74	-14.87	-13.47	-13.77	-13.35	-10.11	-8.07	9.55	0.54
	PZL0010	-17.76	-17.87	-16.95	-16.57	-16.60	-16.30	-16.19	-16.07	-16.19	-15.23	-14.35	-14.52	-13.94	-10.60	-8.91	8.73	0.49
	PZL0011	-17.16	-17.10	-16.88	-15.88	-15.92	-15.83	-15.65	-15.60	-15.65	-15.23	-13.98	-14.29	-13.15	-9.78	-7.29	9.87	0.56
	PZL0012	-19.61	-18.70	-18.47	-17.71	-18.04	-17.46*	-17.56	-16.01	-17.56	NA	NA	NA	-13.67	-11.31	-8.50	10.99	0.62
	PZL0013	-15.96	-16.04	-15.93	-15.44	-15.48	-15.58	-15.46	-15.21	-15.46	-14.78	-13.88	-15.06	-13.31	-11.63	-8.77	20.24	1.14
	PZL0014	-16.04	-15.98	-15.27	-14.90	-14.64	-14.33	-14.09	-13.92	-14.09	-12.57	-11.53	-11.89	-11.62	-8.77	-7.74	8.23	0.46
	PZL0015	-14.72	-14.73	-14.25	-13.65	-13.48	-13.14	-12.95	-12.84	-12.95	-11.75	-10.65	-11.05	-10.95	-5.50	-7.43	7.31	0.41
	PZL0016	-17.91	-17.81	-17.46	-16.90	-16.79	-16.50	-16.15	-15.87	-16.15	-14.54	-13.96*	-14.01	-13.56	-10.49	-8.88	9.11	0.51
	PZL0017	-13.10	-13.11	-12.62	-12.07	-11.82	-11.49	-11.39	-11.32	-11.39	-10.40	-9.21	-9.66	-9.76	-7.58	-7.00	6.07	0.34
	PZL0018	-19.44	-19.64	-17.57	-17.31	-17.98	-17.84	-17.35	-19.76	-17.35	-15.72	-16.03	-16.16	-15.17	-11.24	-8.88	10.56	0.60
	PZL0019	-18.73	-18.64	-18.16	-16.88	-16.78	-16.67	-16.17	-16.48	-16.17	-15.65	-14.19	NA	-12.31	-11.10	-8.55	10.16	0.57
	PZL0020	-17.42	-17.63	-16.78	-15.16	-15.45	-15.27	-15.37	-15.69	-15.37	-14.70	-13.65	-14.47	-13.89	-10.88	-8.75	8.76	0.49
	PZL0021	-20.01	-20.19	-19.22	-18.98	-18.88	-18.58	-13.42	-18.04	-13.42	-17.29	-15.26	-16.46	-15.91	NA	NA	4.12	0.43
	PZL0022	-18.95	-18.88	-19.25	-18.83	-18.73	-18.87	-18.78	-18.95	-18.78	-18.35	-17.01	-17.62	-14.89	-10.93*	-8.78	10.07	0.57
	PZL0023	-18.88	-17.30	-17.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.36	1.76
	PZL0024	-18.71	-18.27	-18.62	-16.26*	-16.13	-16.28*	-16.11	-16.38	-16.11	-14.28	-13.54	NA	NA	NA	-8.47	9.86	0.56
	PZL0025	-19.24	-17.81*	-18.03	-16.86	-17.11	-16.99	-17.12	-17.14	-17.12	-16.38	-14.93	-15.68	-14.80	-11.64*	-9.00	10.27	0.58
	PZL0026	-14.58	-14.61	-14.57	-14.21	-14.18	-14.16	-14.02	-14.09	-14.02	-13.64	-12.97	-12.93	-12.76	-10.47	-8.33	6.25	0.36
	SWL0001	-18.09	-20.62	-17.94	-17.02	-16.79	-16.89	NA	NA	NA	-15.60	-14.78	-15.68	-16.70	-12.50	-9.16*	9.31	0.53
	SWL0002	-18.43	-18.43	-18.07	-17.44	-17.31	-17.06	NA	-16.56	NA	-15.78	-14.75	-14.52	-14.14	-11.03	-9.06*	9.40	0.53
	SWL0003	-18.97	-18.33	-17.91	-17.25	-17.14	-16.90*	NA	-16.48	NA	-15.53	-14.50	-14.58	-14.18	-10.79	-9.04	9.37	0.53
	SWL0004	-18.47	-18.51	-18.10	-17.57	-17.45	-17.07	NA	-16.91	NA	-15.87	-15.02	NA	-14.40	-11.06	-9.14*	9.30	0.52

NA = Not available. * = Measurement taken before purging during sample round. All elevations in feet MSL.

Measurments in parenthesis "( )" collected by Hargis + Associates.

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TABLE 2
Time-series Summary of Groundwater Elevations
2012 Groundwater Monitoring Report

HSU	Location	1994 Jul	1994 Oct	1995 Mar	1995 Jun	1995 Oct	1996 Jan	1996 May	1996 Oct	1997 Jan	1998 Feb	1999 Jan	2000 Aug	2004 Jan	2006 Oct	2012 Feb	Change In Level Over Period of Record (ft)	Average Rate of Change in Level (ft/yr)
Water Table	SWL0005	-18.13	-18.51	-16.80	-16.16	-16.61	-16.37	-16.64	-16.65	-16.64	-13.88	-14.96	-15.33*	-15.02	-11.34	-9.16	8.95	0.51
	SWL0006	-20.04	-19.81	-19.15	-18.62*	-18.73	-18.38	-18.22	-18.20	-18.22	-17.61	-16.93*	-16.93	-15.58	-12.21	-9.99	10.07	0.57
	SWL0007	-16.65	-16.64	-16.29	-15.87	-15.49	-15.27	-14.93	-14.62	-14.93	-13.56	-12.51	-12.75	-12.59	-9.83	-8.13	8.59	0.48
	SWL0008	-17.42	-17.42	-15.86	-15.06	-15.18	-15.40	-15.16	-15.57	-15.16	-14.60	-13.60	-14.32	-13.96	-10.86	-8.75	8.62	0.49
	SWL0009	-15.34	-15.44	-12.87	-12.38	-12.89	-12.91	-12.69	-12.94	-12.69	-10.67	-9.68	-9.19	-10.18	-10.96	-6.88	8.40	0.47
	SWL0012	-13.27	-13.29	-12.69	-12.30	-12.07	-11.87	-11.65	-11.58	-11.65	-10.82	-9.42	-9.51	-9.39	-6.88	-5.88	7.44	0.42
	SWL0015	-20.76	-20.89	-19.93	-19.19	-19.46	-18.75	-19.61	-19.09	-19.61	-18.96	-17.89	-17.91	-16.73	-12.52	-10.43	10.12	0.57
	SWL0016	-18.28	-18.50	-17.27	-16.83	-17.26	-16.82*	-15.38	-16.72	-15.38	-16.08	-14.88	-15.15	-14.65	-10.99	-8.44	9.98	0.56
	SWL0017	-17.75	-17.75	-17.01	-16.55	-16.64	-16.27	-16.13	-15.88	-16.13	-15.31	NA	-14.45	-13.68	-10.46	-8.75	8.96	0.51
	SWL0021	-20.34	-20.61	-19.55	-19.00	-19.24	-18.61	-18.82	-17.53	-18.82	-16.77	-17.73	-16.80	-16.62	-13.50	-10.38	10.01	0.56
	SWL0024	-19.86	-20.11	-19.04	-18.49	-18.85	-18.22	-19.74	-18.65	-19.74	-16.43	-16.34	-16.41	-14.43	-11.77	-9.75	10.02	0.57
	SWL0028	-17.86	-17.99	-17.17	-16.06	-15.82	-15.84	-15.63	-15.79	-15.63	-15.52	-13.28	-13.43	-13.54	-8.75	-10.56	7.21	0.41
	SWL0038	-15.69	-15.72	-15.20	-14.77	-14.49	-14.18	-13.99	-13.79	-13.99	-12.55	-11.58	-11.98	-11.63	-9.12	-7.77	7.76	0.44
	SWL0039	-14.37	-14.18	-13.75	-12.13	-12.90	-12.56	-12.40	-12.29	-12.40	-11.25	-10.13	-10.51	-10.72	-8.27	-7.34	6.82	0.38
	SWL0042	-21.47	-21.72	-20.83	-19.99	-20.43	-19.59	-19.99	-19.94	-19.99	-19.99	-18.45	-18.65	-17.48	-13.18	-10.78	10.69	0.61
	SWL0044	NA	NA	NA	-16.81	-17.26	-17.08	-16.62	-17.13	-16.62	-15.13	-15.21	-15.39	-15.00	-9.68	-8.49	8.32	0.50
	SWL0045	NA	NA	NA	NA	-4.05	-4.14	-3.70	-4.03	-3.70	NA	NA	NA	NA	NA	NA	0.15	0.12
	SWL0046	NA	NA	NA	NA	-17.47	-17.08	-17.08	-16.29	-17.08	-16.44	-15.42	-15.62	-14.54	-10.65	-7.10	10.37	0.63
	SWL0049	NA	NA	NA	NA	-18.85	-18.52	-18.21	-17.95	-18.21	-17.14	-16.26	-16.16	-15.33	-12.36	-9.75*	9.10	0.56
	SWL0051	NA	NA	NA	NA	-14.87	-16.10*	-15.20	-15.30	-15.20	-15.38	-13.72	-14.40*	-14.04	-10.94	-8.63	6.24	0.38
	SWL0057	NA	NA	NA	NA	-14.36*	-14.28	-14.52	-14.56	-14.52	-14.08	-12.61	-13.34	-12.99	-10.06	-7.91	6.45	0.40
	SWL0059	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-10.36	-8.69	1.67	0.31
	SWL0068	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-5.59	NA	NA
	XDM-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	XDM-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	XGW-07A	-21.58	-19.82	-17.94*	-18.11	-18.46	-17.86	-17.96	-17.97	-17.96	-16.76	-15.92	17.57	-15.28	-12.69	-8.94	12.37	0.70
	XMW-01	-19.75	-19.49	-19.27	-18.76	-18.48	-18.27	-17.87	-17.67	-17.87	-22.51	-15.56	-15.42	(-14.87)	(-11.95)	(-9.33)	4.40	0.72
	XMW-01HD	-16.06	-16.15	-15.78	-15.41	-15.36	-15.19	-15.04	-15.02	-15.04	-14.61	NA	-13.72	-13.35	-11.48	-8.83	7.26	0.41
	XMW-01T	-18.36	-18.39	-17.80	-17.43	-17.29	-16.98	-16.70	-16.53	-16.70	-15.49	NA	NA	NA	NA	NA	2.83	0.76
	XMW-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-13.76)	(-12.19)	(-9.52)	NA	NA

NA = Not available. * = Measurement taken before purging during sample round. All elevations in feet MSL.

Measurments in parenthesis "( )" collected by Hargis + Associates.

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2012 Groundwater Monitoring Report

HSU	Location	1994 Jul	1994 Oct	1995 Mar	1995 Jun	1995 Oct	1996 Jan	1996 May	1996 Oct	1997 Jan	1998 Feb	1999 Feb	2000 Jun	2004 Jan	2006 Oct	2012 Feb	Change In Level Over Period of Record (ft)	Average Rate of Change in Level (ft/yr)
Water Table	XMW-02HD	-14.93	-15.10	-14.92	-14.40	-14.57	-14.52	-14.68	-14.58	-14.68	NA	-13.55	NA	-13.21	-11.30	-8.80	6.07	0.34
	XMW-02T	-18.52	-18.54	-17.98	-17.31	-17.41	-17.09	-16.82	-16.61	-16.82	-15.40	NA	NA	NA	NA	NA	3.06	0.82
	XMW-03	NA	-19.10	NA	NA	-18.17	-17.74	-17.34	-17.01	-17.34	-16.00	-15.12	-15.41	(-14.91)	(-11.95)	(-9.69)	3.69	0.64
	XMW-03HD	-15.41	-15.54	-15.26	-14.68	-14.92	-14.78	-14.86	-14.76	-14.86	-14.24	-13.64	-13.54	-13.39	-11.21	-8.86	6.55	0.37
	XMW-04	-18.89	-18.79	-18.64	-18.14	-17.84	-17.47	-17.06	-16.78	-17.06	-15.81	-14.95	-14.91	(-14.59)	(-11.80)	(-9.53)	4.08	0.67
	XMW-04HD	-19.36	-19.57	-18.62	-17.83	-18.34	-18.68	-18.01	-17.81	-18.01	-17.44	-16.88	-16.81	-15.55	-12.09	-9.77	9.47	0.53
	XMW-05	-18.98	-18.77	-18.58	-18.06	-17.79	-17.57	-17.16	-16.88	-17.16	-15.93	-14.97	-14.87	(-14.59)	(-11.63)	(-9.35)	4.21	0.69
	XMW-06	-19.56	-19.40	-19.12	-18.77	-18.61	-18.03	-17.74	-17.46	-17.74	-16.59	-15.52	NA	(-14.82)	(-12.16)	(-9.52)	3.13	0.67
	XMW-07	NA	NA	NA	NA	-18.32	NA	NA	NA	NA	NA	NA	NA	(-14.78)	(-12.52)	(-9.80)	NA	NA
	XMW-08	NA	NA	NA	NA	-67.17	NA	-66.23	NA	-66.23	NA	NA	NA	(-20.49)	(-11.81)	NA	0.94	1.48
	XMW-09	-18.87	-18.77	-18.45	-18.15	-17.93	-17.56	-17.06	-16.77	-17.06	NA	NA	-19.73	(-16.45)	(-11.38)	(-9.19)	-0.69	-0.11
	XMW-10	-18.91	-18.76	-18.45	-18.02	-17.73	-17.48	-17.02	-16.85	-17.02	-15.88	-14.86	-14.81	(-14.42)	(-11.46)	(-9.21)	4.09	0.67
	XMW-11	-19.33	-19.32	-19.06	-18.53	-18.24	-18.05	-17.57	-17.42	-17.57	-16.52	-15.48	-15.35	(-14.77)	(-11.77)	(-9.38)	4.12	0.68
	XMW-12	-19.20	-19.52	-19.11	-18.52	-18.35	-18.18	-17.69	-17.64	-17.69	-16.68	-15.65	-15.65	(-14.98)	(-11.90)	(-9.43)	3.60	0.59
	XMW-13	-19.79	-19.62	-19.28	-18.57	-18.48	-18.17	-17.80	-17.77	-17.80	-16.69	-15.93	-15.85	(-15.15)	(-12.03)	(-9.66)	3.89	0.64
	XMW-14	-19.71	-19.70	-19.42	-18.86	-18.68	-18.36	-18.04	-17.92	-18.04	-16.85	-15.51	-15.79	(-15.04)	(-12.18)	(-9.69)	4.01	0.66
	XMW-15	-19.81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10	0.78
	XMW-16	NA	-19.96	-19.66	NA	-19.05	-18.71	-18.26	-17.91	-18.26	-17.01	-16.18	NA	(-15.11)	(-12.44)	(-9.71)	3.80	0.81
	XMW-17	NA	NA	NA	NA	-18.48	NA	NA	NA	NA	NA	NA	NA	(-14.75)	(-12.12)	(-9.67)	NA	NA
	XMW-18	NA	NA	NA	NA	-18.00	-17.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.49	0.89
	XMW-19	-18.34	-18.14	-17.94	-17.59	-17.38	-17.02	-16.49	-16.26	-16.49	-15.30	-14.24	NA	(-14.20)	NA	(-9.07)	4.21	0.90
	XMW-20	-18.36	-18.41	-17.92	-17.28	-17.16	NA	NA	NA	NA	-15.66	-14.80	NA	-14.91	-11.64	-9.15*	9.29	0.52
	XMW-21	-18.62	-18.84	-18.29	-18.37	-17.91	-17.48	-17.19	-17.15	-17.19	-16.19	-15.36	-15.51	-15.85	(-11.55)	-9.53*	13.36	0.75
	XMW-22	-19.99	-20.02	-19.75	-19.20	-18.97	-18.49	-18.30	-17.97	-18.30	-17.18	-16.21	NA	(-15.31)	(-12.35)	(-9.83)	3.95	0.85
	XMW-23	-20.19	-20.25	-19.49	-18.67	-18.71	-18.42	-18.32	-18.25	-18.32	-17.72	NA	NA	-15.40	(-11.77)	(-9.67)	2.10	0.39
	XMW-24	-19.83	-19.81	-19.12	-18.35	-18.41	-18.21	-18.12	-18.05	-18.12	-17.36	-16.07	-16.53	-15.22	(-12.14)	-9.85	9.95	0.56
	XMW-25	-21.03	-21.04	-20.38	-19.77	-19.93	-19.40	-19.34	-18.82	-19.34	-18.70	-17.87	-22.36	(-16.68)	(-12.93)	(-10.70)	5.98	0.74
	XMW-26	-20.09	-19.95	-19.74	-19.17	-18.84	-18.52	-18.24	-18.01	-18.24	-17.20	-16.01	-16.06	(-15.23)	(-12.18)	(-9.64)	4.10	0.67
	XMW-27	-18.70	-18.65	-18.27	-17.90	-17.71	-17.42	-16.96	-16.93	-16.96	-15.92	-14.98	-15.01	(-14.45)	(-11.48)	(-9.27)	3.67	0.60
	XMW-28	-19.17	-19.33	-18.67	-18.61	-18.23	-17.98*	-17.57	-17.43	-17.57	-16.67	-15.79*	-15.72	-14.89	NA	-9.88*	9.41	0.53

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HSU	Location	1994 Jul	1994 Oct	1995 Mar	1995 Jun	1995 Oct	1996 Jan	1996 May	1996 Oct	1997 Jan	1998 Feb	1999 Jan	2000 Jun	2004 Jan	2006 Oct	2012 Feb	Change In Level Over Period of Record (ft)	Average Rate of Change in Level (ft/yr)
Water Table	XMW-29	-19.79	-19.76	-19.12	-18.56	-18.69	-18.29	-17.92	-17.95	-17.92	-16.98	-16.03	-15.73	-15.00	-11.85	(-9.80)	7.88	0.64
	XMW-30	-19.89	-19.83	-19.25	-18.28	-18.44	-18.07	-18.03	-17.78	-18.03	-17.10	-16.00	-16.26	(-15.03)	(-11.64)	-9.59*	10.30	0.58
	XMW-31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-12.01)	(-9.73)	2.28	0.43
	XP-02	-19.43	-19.64	-17.50	-17.96	-18.08	-17.74	-17.47	NA	-17.47	-15.41	-15.85	-16.05	-15.29	-11.80	-9.63*	9.71	0.55
	XUBT-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-14.88)	(-12.38)	(-9.83)	5.05	0.62
	XUBT-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-14.91)	(-11.99)	(-9.85)	5.06	0.63
	XUBT-03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-14.88)	(-11.90)	(-9.86)	5.02	0.62
MBFB	PZL0021	-20.01	-20.19	-19.22	-18.98	-18.88	-18.58	-13.42	-18.04	-13.42	-17.29	-15.26	-16.46	-15.91	NA	NA	4.12	0.43
	SWL0001	-18.09	-20.62	-17.94	-17.02	-16.79	-16.89	NA	NA	NA	-15.60	-14.78	-15.68	-16.70	-12.50	-9.16*	9.31	0.53
	SWL0002	-18.43	-18.43	-18.07	-17.44	-17.31	-17.06	NA	-16.56	NA	-15.78	-14.75	-14.52	-14.14	-11.03	-9.06*	9.40	0.53
	SWL0003	-18.97	-18.33	-17.91	-17.25	-17.14	-16.90*	NA	-16.48	NA	-15.53	-14.50	-14.58	-14.18	-10.79	-9.04	9.37	0.53
	SWL0004	-18.47	-18.51	-18.10	-17.57	-17.45	-17.07	NA	-16.91	NA	-15.87	-15.02	NA	-14.40	-11.06	-9.14*	9.30	0.52
	SWL0011	-20.19	-20.44	-19.25	-18.86	-19.05	-18.33	-18.71	-18.83	-18.71	-18.13	-17.46	NA	-12.61	-10.73	-8.84	11.22	0.63
	SWL0019	-21.77	-22.07	-20.99	-20.55	-20.67	-19.49	-20.86	-20.78	-20.86	-19.97	-19.41	-19.39	-17.93	-13.60	-11.85	9.70	0.55
	SWL0023	-21.08	-21.36	-20.08	-19.88	-19.99	-19.05	-19.74	-19.94	-19.74	-19.18	-18.66	-18.74	-18.22	-13.05	-11.26	9.69	0.55
	SWL0029	-18.05	-18.10	-17.51	-17.10	-16.97	-16.66	-16.29	-16.27	-16.29	-15.05	-14.14*	-14.31	-13.85	-10.61*	-8.91	9.11	0.51
	SWL0032	-18.45	-18.63	-18.00	-17.36	-17.30	-16.98	NA	-16.73	NA	-15.65	-14.89	-16.81	-16.43	-13.18	-9.19	9.25	0.52
	SWL0037	-19.13	-19.33	-18.28	-17.94	-17.98	-17.58	-17.53	-17.55	-17.53	-16.79	-15.79	-16.04	-15.19	-11.53*	-9.47	9.54	0.54
	SWL0041	-21.25	-21.68	-20.10*	-19.10	-19.21	-18.64	-18.81	-18.89	-18.81	-18.16	-17.40	-17.52	-16.47	-12.39	-10.50	10.63	0.60
	SWL0047	NA	NA	NA	NA	-17.77	-17.43	-17.27	-17.16	-17.27	-21.34	-15.39	-15.60	-14.84	-11.52	-9.53	8.24	0.50
	SWL0048	NA	NA	NA	NA	-18.43	-18.01	-17.90	-17.94	-17.90	-17.11	-16.00	-16.42	-15.52	-12.11	-9.80	8.63	0.53
	SWL0049	NA	NA	NA	NA	-18.85	-18.52	-18.21	-17.95	-18.21	-17.14	-16.26	-16.16	-15.33	-12.36	-9.75*	9.10	0.56
	SWL0050	NA	NA	NA	NA	-18.85	-18.35	-18.32	-18.30	-18.32	-17.42	-16.73	-16.85	-15.96	-12.37	-10.26	8.59	0.53
	SWL0052	NA	NA	NA	NA	-19.15	-18.33	-18.86	-18.95	-18.86	NA	-17.58	-17.69	-16.50	-12.40	-10.58	8.57	0.52
	SWL0056	NA	NA	NA	NA	-19.77*	-19.09	-19.63	-19.76	-19.63	-19.08	-18.15	-18.42	-17.21	-13.20	-11.03	8.74	0.54
	XDM-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	XG-01WC	NA	NA	-22.36*	-18.21*	-19.23	-18.63	-18.96	-28.79	-18.96	-18.33	-17.52	-17.67	-16.57	-12.62	-10.56	11.80	0.70
	XG-02WC	NA	NA	-19.59*	-19.38*	-19.97	-18.95	-18.82	-19.03	-18.82	-19.29	-17.50	-17.63	-16.39	-12.67	-10.57	9.02	0.53
	XGW-07C	-19.69	-20.93	-19.62	-20.26	-20.52	-19.55*	-20.39	-19.53	-20.39	-19.12	-18.28	-19.36	-16.99	-13.54	-10.84	9.68	0.55
	XMW-01	-19.75	-19.49	-19.27	-18.76	-18.48	-18.27	-17.87	-17.67	-17.87	-22.51	-15.56	-15.42	(-14.87)	(-11.95)	(-9.33)	5.54	0.69

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MBFB	XMW-01T	-18.36	-18.39	-17.80	-17.43	-17.29	-16.98	-16.70	-16.53	-16.70	-15.49	NA	NA	NA	NA	NA	2.83	0.76
	XMW-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-13.76)	(-12.19)	(-9.52)	4.24	0.53
	XMW-02T	-18.52	-18.54	-17.98	-17.31	-17.41	-17.09	-16.82	-16.61	-16.82	-15.40	NA	NA	NA	NA	NA	3.06	0.82
	XMW-03	NA	-19.10	NA	NA	-18.17	-17.74	-17.34	-17.01	-17.34	-16.00	-15.12	-15.41	(-14.91)	(-11.95)	(-9.69)	5.22	0.65
	XMW-04	-18.89	-18.79	-18.64	-18.14	-17.84	-17.47	-17.06	-16.78	-17.06	-15.81	-14.95	-14.91	(-14.59)	(-11.80)	(-9.53)	5.06	0.63
	XMW-05	-18.98	-18.77	-18.58	-18.06	-17.79	-17.57	-17.16	-16.88	-17.16	-15.93	-14.97	-14.87	(-14.59)	(-11.63)	(-9.35)	5.24	0.65
	XMW-06	-19.56	-19.40	-19.12	-18.77	-18.61	-18.03	-17.74	-17.46	-17.74	-16.59	-15.52	NA	(-14.82)	(-12.16)	(-9.52)	5.30	0.66
	XMW-07	NA	NA	NA	NA	-18.32	NA	NA	NA	NA	NA	NA	NA	(-14.78)	(-12.52)	(-9.80)	4.98	0.62
	XMW-08	NA	NA	NA	NA	-67.17	NA	-66.23	NA	-66.23	NA	NA	NA	(-20.49)	(-11.81)	NA	8.68	3.14
	XMW-09	-18.87	-18.77	-18.45	-18.15	-17.93	-17.56	-17.06	-16.77	-17.06	NA	NA	-19.73	(-16.45)	(-11.38)	(-9.19)	7.26	0.90
	XMW-10	-18.91	-18.76	-18.45	-18.02	-17.73	-17.48	-17.02	-16.85	-17.02	-15.88	-14.86	-14.81	(-14.42)	(-11.46)	(-9.21)	5.21	0.64
	XMW-11	-19.33	-19.32	-19.06	-18.53	-18.24	-18.05	-17.57	-17.42	-17.57	-16.52	-15.48	-15.35	(-14.77)	(-11.77)	(-9.38)	5.39	0.67
	XMW-12	-19.20	-19.52	-19.11	-18.52	-18.35	-18.18	-17.69	-17.64	-17.69	-16.68	-15.65	-15.65	(-14.98)	(-11.90)	(-9.43)	5.55	0.69
	XMW-13	-19.79	-19.62	-19.28	-18.57	-18.48	-18.17	-17.80	-17.77	-17.80	-16.69	-15.93	-15.85	(-15.15)	(-12.03)	(-9.66)	5.49	0.68
	XMW-14	-19.71	-19.70	-19.42	-18.86	-18.68	-18.36	-18.04	-17.92	-18.04	-16.85	-15.51	-15.79	(-15.04)	(-12.18)	(-9.69)	5.35	0.66
	XMW-15	-19.81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10	0.78
	XMW-16	NA	-19.96	-19.66	NA	-19.05	-18.71	-18.26	-17.91	-18.26	-17.01	-16.18	NA	(-15.11)	(-12.44)	(-9.71)	5.40	0.67
	XMW-17	NA	NA	NA	NA	-18.48	NA	NA	NA	NA	NA	NA	NA	(-14.75)	(-12.12)	(-9.67)	5.08	0.63
	XMW-18	NA	NA	NA	NA	-18.00	-17.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.49	0.89
	XMW-19	-18.34	-18.14	-17.94	-17.59	-17.38	-17.02	-16.49	-16.26	-16.49	-15.30	-14.24	NA	(-14.20)	NA	(-9.07)	5.13	0.63
	XMW-20	-18.36	-18.41	-17.92	-17.28	-17.16	NA	NA	NA	NA	-15.66	-14.80	NA	-14.91	-11.64	-9.15*	9.29	0.52
	XMW-21	-18.62	-18.84	-18.29	-18.37	-17.91	-17.48	-17.19	-17.15	-17.19	-16.19	-15.36	-15.51	-15.85	(-11.55)	-9.53*	13.36	0.75
	XMW-22	-19.99	-20.02	-19.75	-19.20	-18.97	-18.49	-18.30	-17.97	-18.30	-17.18	-16.21	NA	(-15.31)	(-12.35)	(-9.83)	5.48	0.68
	XMW-26	-20.09	-19.95	-19.74	-19.17	-18.84	-18.52	-18.24	-18.01	-18.24	-17.20	-16.01	-16.06	(-15.23)	(-12.18)	(-9.64)	5.59	0.69
	XMW-27	-18.70	-18.65	-18.27	-17.90	-17.71	-17.42	-16.96	-16.93	-16.96	-15.92	-14.98	-15.01	(-14.45)	(-11.48)	(-9.27)	5.18	0.64
	XMW-28	-19.17	-19.33	-18.67	-18.61	-18.23	-17.98*	-17.57	-17.43	-17.57	-16.67	-15.79*	-15.72	-14.89	NA	-9.88*	9.41	0.53
	XMW-29	-19.79	-19.76	-19.12	-18.56	-18.69	-18.29	-17.92	-17.95	-17.92	-16.98	-16.03	-15.73	-15.00	-11.85	(-9.80)	7.88	0.64
	XMW-30	-19.89	-19.83	-19.25	-18.28	-18.44	-18.07	-18.03	-17.78	-18.03	-17.10	-16.00	-16.26	(-15.03)	(-11.64)	-9.59*	3.39	1.23
	XP-02	-19.43	-19.64	-17.50	-17.96	-18.08	-17.74	-17.47	NA	-17.47	-15.41	-15.85	-16.05	-15.29	-11.80	-9.63*	9.71	0.55
	XP-03	NA	NA	-19.20*	-19.29	-19.22	-18.53	-18.89	-18.98	-18.89	-18.33	-17.56	-17.67	-16.85	-12.83	-10.83	8.37	0.50

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TABLE 2
Time-series Summary of Groundwater Elevations
2012 Groundwater Monitoring Report

HSU	Location	1994 Jul	1994 Oct	1995 Mar	1995 Jun	1995 Oct	1996 Jan	1996 May	1996 Oct	1997 Jan	1998 Feb	1999 Jan	2000 Jun	2004 Jan	2006 Oct	2012 Feb	Change In Level Over Period of Record (ft)	Average Rate of Change in Level (ft/yr)
MBFB/MBFC	SWL0010	-20.10	-20.38	-19.07	-18.78	-18.94	-18.10	-18.79	-19.00	-18.79	-18.63	-17.66	-17.62	-16.38	-12.14	-10.69	9.19	0.52
	SWL0060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-12.29	-10.63	1.66	0.31
MBFC	SWL0013	-20.20	-20.48	-19.28	-18.88	-19.03	-18.37	-18.74	-18.87	-18.74	-18.22	-17.54	NA	-15.01	-11.09	-9.06	11.03	0.62
	SWL0014	-21.56	-21.82	-20.71	-20.27	-20.42	-19.31	-20.14	-20.32	-20.14	-19.55	-18.91	-18.96	-16.48	NA	NA	9.88	1.02
	SWL0018	-19.89	-20.12	-19.23	-19.03	-18.74	-18.25	-18.27	-18.37	-18.27	-17.41	-16.73*	-16.85	-15.88	-12.30	-10.13	9.71	0.55
	SWL0027	-21.95	-22.15	-20.97	-20.62	-20.77	-19.67	-20.46	-20.66	-20.46	-19.87	-19.07	-19.24	-17.84	-13.67	-11.70	10.08	0.57
	SWL0030	-18.09	-18.13	-17.53	-17.14	-17.03	-16.67	-16.36	-16.22	-16.36	-15.11	-14.26*	-14.46	-13.87	-10.56*	-9.03	9.06	0.51
	SWL0033	-20.18	-20.34	-19.48	-18.95	-19.00	-18.52	-18.48	-18.45	-18.48	-17.58	-16.86	-16.97	-16.16	-12.40	NA	7.74	0.62
	SWL0035	-19.19	-19.41	-18.38	-18.02	-18.08	-17.64	-17.63	-17.61	-17.63	-16.89	-15.91	-16.14	-15.24	-11.30*	-9.50	9.62	0.54
	SWL0040	-20.49	-20.25	-19.31*	-19.22	-19.35	-18.75	-19.03	-19.05	-19.03	-18.21	-17.54	-17.50	-16.27	-12.64	-10.51	9.89	0.56
	SWL0043	-22.31	-21.79	-20.66	-20.26	-20.40	-19.30	-20.11	-20.24	-20.11	-19.50	-18.86	-18.92	NA	NA	NA	3.39	0.57
	SWL0053	NA	NA	NA	NA	-19.09	-18.24	-18.79	-18.88	-18.79	-18.21	-17.50	-17.57	-16.42	-12.31	-10.78	8.31	0.51
	SWL0054	NA	NA	NA	NA	-17.87*	-17.67	-17.47	-17.39	-17.47	-16.45	-15.60	-15.80	NA	-11.60	-9.68	8.19	0.50
	SWL0055	NA	NA	NA	NA	-18.63*	-18.23	-18.22	-18.22	-18.22	-17.46	-16.69	-16.81	-15.90	-12.32	-10.40	8.23	0.51
	SWL0058	NA	NA	NA	NA	NA	-18.17	-17.97	-17.95	-17.97	-17.18	-16.29	-16.39	-15.56	-12.26	-7.94	10.23	0.64
	SWL0061	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-11.51*	-9.74	1.77	0.33
	SWL0064	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-11.95	-9.86	2.09	0.39
	SWL0065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-11.71	-9.36	2.35	0.44
	XBF-01	-19.37	-19.45	-18.90	-18.48	-18.32	-17.71	-17.48	-17.30	-17.48	-16.10	-15.28	-15.78	(-15.19)	(-11.80)	(-10.05)	5.14	0.64
	XBF-02	-19.39	-19.43	-19.03	-18.66	-18.57	-18.00	-17.63	-17.46	-17.63	-16.33	-15.61	-16.05	(-15.05)	(-11.92)	(-9.80)	5.25	0.65
	XBF-03	-19.42	-19.36	-18.93	-18.57	-18.36	-17.92	-17.55	-17.41	-17.55	-16.29	-15.56	-15.97	(-15.24)	(-12.85)	(-9.99)	5.25	0.65
	XBF-04	-19.37	-19.52	-19.01	-18.63	-18.45	NA	-17.27	-17.36	-17.27	-16.35	-15.64	-16.05	(-15.12)	(-12.11)	(-9.84)	5.28	0.65
	XBF-05	-19.30	-19.78	-19.02	-18.57	-18.52	NA	-17.89	-17.89	-17.89	-16.95	-16.01	-16.21	NA	(-11.95)	(-9.93)	2.02	0.38
	XBF-06	-19.29	-19.98	-19.32	-18.82	-18.78	-18.36	-18.15	-18.10	-18.15	-17.16	-16.46	-16.47	(-15.55)	(-12.08)	(-10.00)	5.55	0.69
	XBF-07	-19.91	-20.16	-19.55	-19.02	-18.99	-18.55	-18.29	-18.21	-18.29	-17.31	-16.60	-16.68	(-15.32)	(-12.27)	(-10.20)	5.12	0.63
	XBF-08	-19.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-0.07	-0.54
	XBF-09	-19.41	-19.46	-18.93	-18.55	-18.18	-17.87	-17.53	-18.55	-17.53	-16.02	-15.22	-15.76	(-15.06)	(-11.76)	(-11.01)	4.05	0.50
	XBF-10	-21.32	-21.48	-20.44	-19.99	-20.12	-19.12*	-19.65	-19.85	-19.65	-19.06	-18.41	-18.55	(-17.57)	(-13.21)	(-11.11)	6.46	0.81
	XBF-11	NA	NA	NA	NA	-54.92	NA	NA	NA	NA	NA	NA	NA	(-18.14)	(-14.13)	(-11.56)	6.58	0.81
	XBF-12	-22.50	-22.62	-21.63	-21.20	-21.34	-20.28	-20.84	-21.09	-20.84	-20.47	-19.65	NA	(-18.54)	(-14.32)	(-12.00)	6.54	0.81

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MBFC	XBF-13	-20.53	-20.67	-19.57	-19.18	-19.27	-18.66	-18.96	-19.14	-18.96	-18.18	-17.57	-17.69	(-16.62)	(-12.58)	(-10.35)	6.27	0.78
	XBF-14	-20.59	-20.64	-19.83	-19.34	-19.35	-18.84	-18.84	-18.81	-18.84	-18.11	-17.03	-17.38	(-16.29)	(-12.70)	(-10.56)	5.73	0.71
	XBF-15	-20.93	-21.01	-20.27	-19.76	-19.72	-19.25	-19.16	-20.55	-19.16	-18.40	-17.41	-17.64	(-16.26)	(-12.63)	(-10.43)	5.83	0.72
	XBF-16	NA	NA	NA	NA	-56.29	NA	NA	NA	NA	NA	NA	NA	(-17.84)	(-14.01)	(-11.26)	6.58	0.81
	XBF-17	-21.40	-21.58	-20.69	-20.21	-20.29	-19.55	-19.85	-19.96	-19.85	-19.38	-18.73	-18.68	(-18.40)	(-14.21)	(-11.84)	6.56	0.81
	XBF-18	-19.43	-19.69	NA	NA	NA	-17.84	-17.54	-17.37	-17.54	-15.70	-15.61	NA	NA	NA	NA	3.59	0.77
	XBF-19	-19.29	-19.33	-18.59	-18.28	-18.16	-17.82	-17.52	-17.52	-17.52	-16.51	-15.66	-15.80	NA	-11.73	(-9.68)	7.45	0.60
	XBF-20	NA	NA	NA	NA	-67.03	NA	NA	NA	NA	NA	NA	NA	(-15.20)	(-12.09)	(-10.27)	4.93	0.61
	XBF-21	-20.54	-20.69	-19.94	-19.56	-19.50	-19.09	-18.81	-18.69	-18.81	-18.03	-17.45	-17.50	(-16.29)	(-12.79)	(-10.64)	5.65	0.70
	XBF-22	NA	NA	NA	NA	-55.30	NA	NA	NA	NA	NA	NA	NA	(-17.76)	(-13.90)	(-11.20)	6.56	0.81
	XBF-23	-20.40	-20.52	-19.66	-19.16*	-19.18	-18.77	-18.69	-18.73	-18.69	-18.03	-17.32*	-17.26	-16.30	-12.56	(-10.37)	7.78	0.63
	XBF-24	-21.19	-21.31	NA	-19.95	-20.05	-19.90	-19.52	-19.48	-19.52	-18.95	-18.11	-18.24	(-17.37)	(-13.38)	(-11.01)	6.36	0.79
	XBF-25	NA	NA	NA	NA	-45.87	NA	NA	NA	NA	NA	NA	NA	(-19.24)	(-14.92)	(-12.20)	7.04	0.87
	XBF-26	NA	NA	NA	NA	-58.26	NA	NA	NA	NA	NA	NA	NA	(-19.91)	(-15.44)	(-12.54)	7.37	0.91
	XBF-27	NA	NA	NA	NA	-46.36	NA	NA	NA	NA	NA	NA	NA	(-19.13)	(-14.93)	(-12.14)	6.99	0.86
	XBF-28	NA	NA	NA	NA	-56.28	NA	NA	NA	NA	NA	NA	NA	(-19.59)	-51.40	(-12.43)	7.16	0.89
	XBF-29	-20.58	-20.77	-20.06	-19.76	-19.62	-19.22	-18.88	-18.76	-18.88	-18.15	NA	NA	(-16.31)	(-12.87)	(-11.02)	5.29	0.65
	XBF-30	NA	NA	NA	NA	-45.57	NA	NA	NA	NA	NA	NA	NA	(-17.50)	(-13.89)	(-11.22)	6.28	0.78
	XBF-31	NA	NA	NA	NA	-57.17	NA	NA	NA	NA	NA	NA	NA	(-16.07)	(-12.58)	(-10.85)	5.22	0.65
	XBF-32	NA	NA	NA	NA	-69.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	XBF-32A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-14.26)	(-11.15)	(-9.52)	4.74	0.59
	XBF-33	NA	NA	NA	NA	-55.46	NA	NA	NA	NA	NA	NA	NA	(-15.87)	(-12.56)	(-10.68)	5.19	0.64
	XBF-34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-11.86)	(-10.18)	1.68	0.32
	XBF-35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-11.72)	(-9.95)	1.77	0.33
	XBF-36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-16.04)	(-13.22)	2.82	0.53
Gage	SWL0020	-23.62	-24.21	-22.40	-22.52	-22.76	-21.93	-23.37	-23.22	-23.37	-22.46	-22.07	NA	-20.32	NA	-14.25	8.80	0.50
	SWL0022	-22.47	-23.04	-21.33	-21.42	-21.41	-20.98	-21.65	-21.80	-21.65	-21.16	-20.55	NA	-19.08	-14.52	-13.40	8.55	0.48
	SWL0025	-23.63	-24.30	-22.42	-22.50	-22.77	-21.96	-23.06	-23.56	-23.06	-22.77	-22.36	-21.78	-20.11	-15.00	-13.36	9.66	0.55
	SWL0026	-23.17	-23.63	-21.98	-22.08	-22.18	-21.37	-22.12	-22.42	-22.12	-21.70	-21.12	-21.14	-19.51	-14.95	NA	7.79	0.63
	SWL0031	-20.10	-20.54	-19.27	-19.23	-19.08	-18.49	-18.56	-18.55	-18.56	-17.38	-16.94	-17.47	-16.33	-12.41*	-11.59	8.17	0.46

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Gage	SWL0034	-21.62	-22.03	-20.67	-20.66	-20.64	-20.10	-20.34	-20.40	-20.34	-19.54	-19.13	-19.21	(-17.95)	-13.84	NA	7.43	0.60
	SWL0036	-21.97	-22.39	-20.77	-20.98	-20.91	-20.34	-20.78	-21.07	-20.78	-20.16	-19.67	-19.90	-18.63	-14.27*	-12.99	8.37	0.47
	SWL0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-13.51	-12.26	1.25	0.23
	SWL0066	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-13.00	-11.88	1.12	0.21
	SWL0067	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-12.64	-11.80	0.84	0.16
	XDA-1B	-22.90	-23.46	-21.82	-21.85	-21.97	-20.95	-22.08	-22.05	-22.08	-21.28	-20.86	-20.82	-24.65	NA	NA	-2.27	-0.24
	XG-01	-19.01	-19.37	-19.25	-19.10	-18.89	-18.32	-18.11	-15.40	-18.11	-16.91	-16.44	-17.03	(-15.87)	(-12.27)	(-11.16)	4.71	0.58
	XG-02	-20.41	-20.75	-19.65	-19.57	-19.41	-18.86	-18.76	-18.77	-18.76	-17.67	-17.15	-17.67	(-16.18)	(-12.86)	(-11.67)	4.51	0.56
	XG-03	-20.17	-20.49	-19.49	-19.35	-20.15	-18.49	-18.30	-16.38	-18.30	-17.32	-16.78	-17.33	(-16.11)	(-12.48)	(-11.24)	4.87	0.60
	XG-04	-20.70	-21.14	-19.89	-19.00	-19.66	-19.18	-19.18	-19.24	-19.18	-18.27	-17.67	-18.04	(-16.72)	(-12.91)	(-11.75)	4.97	0.62
	XG-05	-20.81	-21.19	-20.01	-19.90	-19.79	-19.28	-19.29	-19.36	-19.29	-18.42	-17.95	-18.16	(-17.02)	(-13.11)	(-11.70)	5.32	0.66
	XG-06	-20.86	-21.25	-20.03	-19.89	-19.90	-19.31	-19.28	NA	-19.28	-18.40	-18.02	-18.23	(-16.93)	(-13.08)	(-11.68)	5.25	0.65
	XG-07	-20.57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-0.29	-2.25
	XG-08	-21.48	-21.89	-20.60	-20.57	-20.54	-19.98	-20.12	-18.71	-20.12	-19.48	-18.81	-18.99	(-17.88)	(-13.82)	NA	4.06	1.47
	XG-09	-22.74	-23.17	-21.64	-21.70	-21.77	NA	-22.01	-21.90	-22.01	-21.11	-20.55	-20.66	(-19.19)	(-14.61)	(-13.10)	6.09	0.75
	XG-10	-19.68	-20.02	-19.01	NA	NA	-18.08	-17.86	-17.72	-17.86	-16.55	-16.09	NA	NA	NA	NA	3.26	0.70
	XG-11	-22.36	-22.86	-21.23	-21.35	-21.40	-20.84	-21.33	-21.58	-21.33	-20.84	-20.36	-20.39	(-19.04)	(-14.46)	(-13.19)	5.85	0.72
	XG-12	-22.03	-22.49	-20.99	-20.97	-21.06	-20.43	-20.75	-20.94	-20.75	-20.18	-19.57	NA	(-18.50)	(-15.10)	(-12.65)	5.85	0.72
	XG-13	-22.02	-22.53	-21.03	-21.01	-21.05	-20.47	-20.72	-20.86	-20.72	-20.12	-19.49	-19.65	(-18.26)	(-14.03)	(-12.56)	5.70	0.70
	XG-14	-20.45	-20.85	-19.61	-19.60	-19.43	-18.87	-18.86	-18.93	-18.86	-17.88	-17.37	-19.32	-16.58	-12.80	(-11.57)	7.32	0.59
	XG-15	-20.30	-20.59	-19.68	-22.13	-19.32	-18.74	-18.53	-21.07	-18.53	-17.52	-17.10	-17.50	(-17.88)	(-12.53)	(-11.17)	6.71	0.83
	XG-16	-21.59	-22.00	-20.74	-20.70	-20.65	-20.12	-20.17	-20.19	-20.17	-19.50	-19.88	-19.05	(-17.63)	(-13.68)	(-12.15)	5.48	0.68
	XG-17	-21.55	-21.95	-20.56	-20.58	-20.59	-20.01	-20.24	-20.40	-20.24	-19.51	-19.06	NA	(-17.31)	(-13.61)	(-12.22)	5.09	0.63
	XG-18	-23.00	-23.38	-24.09	-21.90	-22.03	-21.23	-21.82	-22.13	-21.82	-21.45	-20.85	-20.82	(-19.50)	(-14.89)	(-13.13)	6.37	0.79
	XG-19	-22.74	-23.07	-21.67	-21.63	-21.73	-21.09	-21.45	-16.84	-21.45	-21.06	-20.54	-20.40	(-18.97)	NA	NA	1.93	0.32
	XG-19A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-14.45)	(-12.37)	2.08	0.39
	XG-20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-11.00)	NA	NA
	XG-21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-12.30)	(-11.65)	0.65	0.12
	XG-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-14.64)	(-12.59)	2.05	0.39
	XG-23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-14.67)	(-12.45)	2.22	0.42

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Gage	XG-24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-13.45)	(-11.78)	1.67	0.31
	XG-25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-12.40)	(-10.76)	1.64	0.31
	XG-26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-13.22)	(-11.15)	2.07	0.39
	XG-27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-14.38)	(-12.04)	2.34	0.44
	XG-28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-15.97)	(-13.45)	2.52	0.47
	XG-29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-16.79)	(-14.82)	1.97	0.37
	XG-30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-12.59)	(-10.96)	1.63	0.31
	XG-31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-19.25)	(-17.12)	2.13	0.40
	XG-32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-19.27)	(-17.75)	1.52	0.29
	XG-33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-12.22)	(-10.82)	1.40	0.26
	XG-34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(-16.53)	(-13.36)	3.17	0.60
	XLG-01	-20.42	-20.75	-19.66	-19.58	-19.41	-18.87	-18.72	-21.45	-18.72	-17.66	-17.21	-17.68	(-16.45)	(-12.73)	(-11.48)	4.97	0.61
	XLG-02	-20.18	-20.53	-19.51	-19.36	-19.22	-18.63	-18.41	-18.45	-18.41	-17.35	-16.88	-17.38	(-16.22)	(-12.76)	(-11.27)	4.95	0.61

NA = Not available. * = Measurement taken before purging during sample round. All elevations in feet MSL.
Measurments in parenthesis "( )" collected by Hargis + Associates.

created by wlev2.prg on 05/30/2012 at 16:34:03

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
CMW001	MBFC	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(24)
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(8000)
CMW002	MBFC	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(120)
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(30000)
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(930)
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(150)
PZL0001	Water Table	VOCs	Acetone	8240/60	ug/l	< 10	< 10	< 10	< 13	< 10	< 10	< 10	< 10	< 10	< 2.0	< 10	38	< 50	< 20
			Benzene	8240/60	ug/l	4.0	6.3	< 0.5	63	1.1	6.6	22	< 0.5	0.79	0.64	1.1	2.6	NA	< 0.50
			Chloroform	8240/60	ug/l	< 0.5	< 0.5	0.62	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Chloromethane	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	7.3	< 1	< 2.0	< 1.0	< 2.0	< 10	< 10	< 10
			Cyclohexane	8240/60	ug/l	< 10	< 10	< 10	15	< 10	< 10	< 10	< 10	< 10	< 2.0	NA	NA	NA	< 10
			Dichlorobromomethane	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.39	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Ethylbenzene	8240/60	ug/l	< 1	< 1	< 1	6.4	< 1	< 1	1.4	< 1	< 1.0	< 1.0	< 1.0	2.4	NA	< 1.0
			Freon 113	8240/60	ug/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1.0	0.37	< 1.0	NA	< 10	< 10
			Freon 12	8240/60	ug/l	9.1	15	< 5	16	9.0	7.7	17	5.1	7.4	7.9	6.9	8.3	3.0	5.3
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.72	< 1.0	< 1.0
			Toluene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Trichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0	0.76	< 1.0	< 1.0
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51
PZL0002	Water Table	VOCs	1,1-Dichloroethane	8240/60	ug/l	1.0	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,1-Dichloroethene	8240/60	ug/l	< 0.5	< 0.5	0.90	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chloroform	8240/60	ug/l	< 0.5	< 0.5	0.78	0.50	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Freon 113	8240/60	ug/l	2.3	< 2	< 2	< 2	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Methylene chloride	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Trichloroethene	8240/60	ug/l	6.3	3.6	3.9	3.8	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	1.5	1.0	1.3	< 1	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
PZL0003	Water Table	VOCs	1,1,2,2-Tetrachloroethane	8240/60	ug/l	0.59	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
			1,2,4-Trichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	0.33	< 1.0	NA
			Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	6.0	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	NA
			Chloroform	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	0.42	0.75	< 1.0	1.1	3.1	NA
			Methyl Ethyl Ketone	8240/60	ug/l	< 5	< 5	< 5	5.0	< 5	NA	NA	< 5	< 10	< 2.0	22	< 10	< 10	NA
			Methylene chloride	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 5.0	< 1.0	< 1.0	< 10	< 10	NA
			Tetrachloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.37	0.68	0.81	1.2	1.3	NA
			Trichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.58	1.1	1.7	2.3	1.8	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
PZL0004	Water Table	VOCs	1,1-Dichloroethene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	0.45	0.82	0.58	< 1.0	< 1.0	NA
			Acetone	8240/60	ug/l	< 10	< 10	< 10	< 10	< 10	NA	NA	< 10	< 10	< 2.0	< 10	< 10	7.3	NA
			Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	0.97	< 0.50	NA
			Chloroform	8240/60	ug/l	0.90	< 0.5	0.68	< 0.5	< 0.5	NA	NA	< 0.5	0.77	0.68	0.63	0.81	4.7	NA
			Dichlorobromomethane	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	0.68	NA
			Tetrachloroethene	8240/60	ug/l	3.7	3.5	3.5	3.7	3.2	NA	NA	2.8	2.5	3.0	2.4	< 1.4	0.74	NA
PZL0005	Water Table	VOCs	Toluene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
PZL0006	Water Table	VOCs	1,1-Dichloroethene	8010/21	ug/l	NA	NA	NA	< 0.5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 20	< 3	< 5	< 5	< 5.0	< 10	1.1	< 2.0	1.2	NA
			Benzene	8240/60	ug/l	NA	NA	NA	900	420	97	23	61	16	5.9	7.6	6.9	< 2.1	NA
			Cyclohexane	8240/60	ug/l	NA	NA	NA	< 200	< 300	24	< 100	< 100	29	< 20	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	2300	3200	950	1500	1500	230	250	340	260	< 1.0	NA
			Naphthalene	8240/60	ug/l	NA	NA	NA	72	49	26	< 18	17	2.8	3.7	2.7	3.7	< 10	NA
				8270	ug/l	NA	NA	NA	48	41	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8010/21	ug/l	NA	NA	NA	31	23	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 20	< 30	16	21	18	8.6	5.8	4.8	4.8	2.6	NA
			Toluene	8240/60	ug/l	NA	NA	NA	33	30	< 5	< 10	< 10	1.7	< 10	< 5.0	< 2.0	< 1.0	NA
			Trichloroethene	8010/21	ug/l	NA	NA	NA	23	19	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 20	< 30	13	< 10	< 10	4.6	< 10	3.9	3.6	2.8	NA
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	< 20	< 30	< 5	< 10	< 10	< 5.0	< 10	< 5.0	3.2	NA	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	NA	NA	NA	< 0.5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 20	< 30	< 5	< 10	< 10	7.0	8.6	11	8.6	4.7	NA
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.79	NA
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	< 20	< 30	< 5	< 10	< 10	NA	NA	1.7	1.5	0.93	NA
PZL0007	Water Table	VOCs	All Analytes			ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA
PZL0008	Water Table	VOCs	All Analytes			NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
PZL0009	Water Table	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	NA	NA	NA	< 10	< 30	< 10	< 50	< 10	< 25	< 100	< 10	0.39	0.44	NA
			1,2-Dichloroethane	8010/21	ug/l	NA	NA	NA	< 0.5	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 20	< 5	< 30	< 5	< 25	< 100	< 10	8.5	6.3	NA
			1,3,5-Trimethylbenzene	8240/60	ug/l	NA	NA	NA	< 10	< 30	< 10	< 50	< 10	< 25	< 100	< 10	0.39	< 1.0	NA
			Acetone	8240/60	ug/l	NA	NA	NA	< 100	< 300	< 100	< 500	< 100	< 250	< 200	< 100	4.7	7.3	NA
			Benzene	8240/60	ug/l	NA	NA	NA	940	980	1000	9000	1200	550	680	290	170	72	NA
			Chloroform	8010/21	ug/l	NA	NA	NA	< 0.5	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 20	< 5	< 30	< 5	< 25	< 100	< 10	1.3	0.51	NA
			Chloromethane	8010/21	ug/l	NA	NA	NA	< 0.5	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
PZL0009	Water Table	VOCs	Chloromethane	8240/60	ug/l	NA	NA	NA	< 10	< 30	< 10	81	< 10	< 50	< 100	< 20	< 10	< 10	NA
			Cyclohexane	8240/60	ug/l	NA	NA	NA	1800	2100	1900	5400	2400	1100	2000	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	270	720	680	2600	590	420	740	360	58	23	NA
			Isopropylbenzene	8240/60	ug/l	NA	NA	NA	< 10	< 30	15	< 50	19	24	< 100	22	17	16	NA
			Naphthalene	8240/60	ug/l	NA	NA	NA	< 10	44	< 10	< 50	< 10	< 25	< 100	< 10	< 10	< 10	NA
				8270	ug/l	NA	NA	NA	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Toluene	8240/60	ug/l	NA	NA	NA	120	100	93	360	100	70	79	32	22	15	NA
			Trichloroethene	8010/21	ug/l	NA	NA	NA	< 0.5	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 30	< 10	< 50	< 10	< 25	< 100	< 10	0.72	0.46	NA
			Vinyl chloride	8010/21	ug/l	NA	NA	NA	< 0.5	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 20	< 5	< 30	< 5	< 50	< 100	< 20	0.55	< 0.50	NA
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	< 10	< 30	< 10	< 50	32	33	< 100	30	23	NA	NA
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	NA
			n-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8	2.1	NA
			n-Propylbenzene	8240/60	ug/l	NA	NA	NA	< 10	< 30	< 10	< 50	< 10	< 25	< 100	< 10	0.47	0.19	NA
			o-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.30	NA
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	< 10	< 30	< 10	< 50	< 10	NA	NA	13	12	14	NA
PZL0010	Water Table	VOCs	1,2,3-Trichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.42	< 1.0	NA
			Acetone	8240/60	ug/l	< 10	14	< 10	< 10	14	NA	NA	< 10	< 10	< 2.0	< 10	4.6	< 50	NA
			Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	0.22	< 1.0	0.52	< 0.50	< 0.50	NA
			Chloroethane	8240/60	ug/l	< 1	< 1	< 1	< 1	4.1	NA	NA	< 1	< 2.0	< 1.0	< 2.0	< 1.0	< 1.0	NA
			Chloroform	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	2.2	0.85	0.75	0.44	NA
			Chloromethane	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 2.0	< 1.0	< 2.0	< 10	< 10	NA
			Methyl Ethyl Ketone	8240/60	ug/l	< 5	< 5	< 5	< 5	7.0	NA	NA	< 5	< 10	< 2.0	< 5.0	< 10	< 10	NA
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	0.34	NA
			Tetrachloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.20	< 1.0	< 1.0	0.28	< 1.0	NA
			Toluene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
PZL0011	Water Table	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 500	NA	NA	< 1000	< 1000	< 2500	< 1000	18	8.7	NA
			Benzene	8240/60	ug/l	140000	65000	120000	91000	86000	NA	NA	77000	43000	38000	40000	36000	8100	NA
			Chlorobenzene	8010/21	ug/l	< 100	< 50	< 50	< 50	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 500	NA	NA	< 1000	240	< 2500	< 1000	< 50	4.8	NA
			Cyclohexane	8240/60	ug/l	< 10000	< 10000	< 10000	< 10000	< 5000	NA	NA	< 10000	2200	< 5000	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	2800	1900	4200	< 1000	2000	NA	NA	2200	1400	1900	1400	1300	470	NA
			Isopropylbenzene	8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 500	NA	NA	< 1000	< 1000	< 2500	< 1000	11	< 20	NA
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	56	23	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
PZL0011	Water Table	VOCs	Naphthalene	8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 500	NA	NA	< 1000	< 1000	< 2500	< 1000	65	27	NA
				8270	ug/l	140	96	< 300	190	150	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Styrene	8240/60	ug/l	14000	7600	15000	< 9700	9600	NA	NA	8200	5500	5500	4500	5500	1600	NA
			Toluene	8240/60	ug/l	57000	28000	59000	44000	31000	NA	NA	32000	21000	22000	20000	22000	6400	NA
			Xylenes (Ttl)	8240/60	ug/l	10000	6600	13000	3600	6200	NA	NA	7700	4700	5300	4100	2900	NA	NA
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	970	NA
			n-Propylbenzene	8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 500	NA	NA	< 1000	< 1000	< 2500	< 1000	< 50	5.7	NA
			o-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	490	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2700
PZL0012	Water Table	VOCs	1,1-Dichloroethene	8010/21	ug/l	< 0.5	< 0.5	2.2	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	NA	NA	NA	< 1.0	< 25	NA
			2-Hexanone	8240/60	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA	NA	< 10	< 250	NA
			Acetone	8240/60	ug/l	< 10	31	28	< 16	< 10	NA	NA	< 10	NA	NA	NA	< 10	< 1300	NA
			Benzene	8240/60	ug/l	< 0.5	24	1.2	2.7	4.6	NA	NA	21	NA	NA	NA	< 0.50	< 13	NA
			Chloroform	8010/21	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 0.5	< 0.5	0.53	< 0.5	< 0.5	NA	NA	< 0.5	NA	NA	NA	< 1.0	< 25	NA
			Cyclohexane	8240/60	ug/l	8.8	< 10	19	32	52	NA	NA	13	NA	NA	NA	NA	NA	NA
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.39	NA	NA
			Tetrachloroethene	8010/21	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	NA	NA	NA	< 1.0	< 25	NA
			Toluene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	NA	NA	NA	< 1.0	< 25	NA
			Trichloroethene	8010/21	ug/l	< 0.5	< 0.5	3.4	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	NA	NA	NA	< 1.0	< 25	NA
			sec-Butylbenzene	8240/60	ug/l	4.3	4.7	< 1	4.9	4.7	NA	NA	4.2	NA	NA	NA	0.25	< 25	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4600
PZL0013	Water Table	VOCs	Benzene	8240/60	ug/l	590000	650000	570000	590000	520000	NA	NA	470000	400000	460000	300000	NA	NA	NA
			Chlorobenzene	8010/21	ug/l	< 500	< 300	< 200	< 50	< 300	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 5000	< 5000	< 5000	< 5000	3400	NA	NA	< 5000	< 5000	< 25000	< 5000	NA	NA	NA
			Chloroform	8010/21	ug/l	< 500	< 300	< 200	< 50	< 300	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 3000	< 3000	< 3000	< 3000	< 2000	NA	NA	< 3000	< 5000	< 25000	< 5000	NA	NA	NA
PZL0014	Water Table	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	0.60	1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 0.50	0.68	NA
			Chloroform	8240/60	ug/l	NA	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	9.0	0.60	< 1.0	0.30	NA
			Chloromethane	8240/60	ug/l	NA	NA	NA	< 1	2.0	< 1	< 1	< 1	< 2.0	< 1.0	< 2.0	< 10	< 10	NA
			Dichlorobromomethane	8240/60	ug/l	NA	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	2.6	< 1.0	< 1.0	< 1.0	NA
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30	13	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
PZL0016	Water Table	VOCs	1,1,2-Trichloroethane	8010/21	ug/l	< 50	< 50	< 50	< 30	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	< 50	< 50	< 30	< 50	NA	NA	< 50	51	< 100	< 50	< 10	< 20	NA
			1,1-Dichloroethane	8010/21	ug/l	< 50	< 50	< 50	< 30	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 200	< 100	< 100	< 50	< 100	NA	NA	< 100	< 50	< 100	< 50	12	< 20	NA
			1,1-Dichloroethene	8010/21	ug/l	< 50	< 50	< 50	< 30	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	< 50	< 50	< 30	< 50	NA	NA	< 50	17	< 100	< 50	4.9	< 20	NA
			1,2,3-Trichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1	< 20	NA
			1,2,4-Trichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	< 50	< 100	NA	4.6	< 20	NA
				8270	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	< 100	67	1200	< 30	< 50	NA	NA	< 50	7.6	< 100	< 50	< 5.0	< 30	NA
			Chlorobenzene	8010/21	ug/l	< 50	< 50	< 50	< 30	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 200	< 100	< 100	69	< 100	NA	NA	< 100	< 50	< 100	< 50	< 10	< 20	NA
			Chloroform	8010/21	ug/l	160	82	200	120	150	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	64	95	73	72	NA	NA	< 50	47	< 100	27	21	12	NA
			Tetrachloroethene	8010/21	ug/l	6400	7400	5800	6300	7000	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	7200	5600	7500	5600	6100	NA	NA	5900	2900	1900	2100	1400	910	NA
			Trichloroethene	8010/21	ug/l	13000	15000	9700	7800	9900	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	11000	11000	13000	9400	9300	NA	NA	7500	3700	1800	2000	1400	770	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	2000	2800	2300	2500	2600	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	1700	1800	< 100	2000	2300	NA	NA	1500	2500	1600	2400	2500	1900	NA
			trans-1,2-Dichloroethene	8010/21	ug/l	< 50	< 50	< 50	< 30	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 200	< 100	< 100	110	< 100	NA	NA	< 100	< 25	< 100	15	< 10	51	NA
PZL0018	Water Table	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	2.9	< 1.0	NA	NA	< 1.0
			Benzene	8240/60	ug/l	0.75	< 0.5	< 0.5	< 0.5	0.68	NA	NA	< 0.5	0.27	0.53	1.4	NA	NA	1700
			Chlorobenzene	8010/21	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.18	< 1.0	< 1.0	NA	NA	< 1.0
			Ethylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	0.34	NA	NA	4.0
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.20	0.60	1.1	NA	NA	< 1.0
			Tetrachloroethene	8010/21	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.79	0.79	1.4	NA	NA	2.2
			Toluene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	NA	1.2
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4
			o-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.6
			sec-Butylbenzene	8240/60	ug/l	1.7	< 1	< 1	< 1	1.7	NA	NA	< 1	NA	NA	2.6	NA	NA	< 1.0
			tert-Butylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	0.31	NA	NA	< 1.0

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
PZL0018	Water Table	pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
PZL0019	Water Table	VOCs	Benzene	8240/60	ug/l	450000	640000	380000	370000	300000	NA	NA	330000	180000	490000	330000	NA	NA	(250000)
			Ethylbenzene	8240/60	ug/l	14000	16000	11000	6000	< 5000	NA	NA	10000	4600	9600	11000	NA	NA	(4800)
			Naphthalene	8240/60	ug/l	< 5000	< 5000	< 5000	< 5000	< 5000	NA	NA	< 500	< 5000	< 25000	< 5000	NA	NA	(<20000)
				8270	ug/l	< 30	< 30	16	36	< 30	NA	NA	200	30	32	120	NA	NA	NA
			Toluene	8240/60	ug/l	< 5000	< 5000	< 5000	< 5000	< 5000	NA	NA	700	< 5000	< 25000	3600	NA	NA	(<2000)
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	850	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<20000)
PZL0020	Water Table	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	< 5000	< 2000	< 5000	< 2000	< 5000	< 10000	< 5000	< 500	< 10000	< 25000	< 5000	740	310	(<2000)
			1,2-Dichloroethane	8010/21	ug/l	< 500	< 100	< 200	< 30	< 1000	< 500	< 200	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 3000	< 1000	< 3000	< 1000	< 3000	< 5000	< 3000	< 300	< 10000	NA	< 5000	< 250	170	(<1000)
			1,3,5-Trimethylbenzene	8240/60	ug/l	< 5000	< 2000	< 5000	< 2000	< 5000	< 10000	< 5000	< 500	< 10000	< 25000	< 5000	140	< 200	(<2000)
			Benzene	8240/60	ug/l	520000	270000	350000	400000	580000	470000	570000	540000	480000	480000	410000	510000	290000	(190000)
			Ethylbenzene	8240/60	ug/l	20000	19000	15000	5300	19000	15000	8100	18000	15000	12000	10000	16000	15000	(5800)
			Isopropylbenzene	8240/60	ug/l	< 5000	< 2000	< 5000	< 2000	< 5000	< 10000	< 5000	< 500	< 10000	< 25000	< 5000	200	140	(<2000)
			Naphthalene	8240/60	ug/l	< 5000	< 2000	< 5000	< 2000	< 5000	< 10000	< 5000	< 500	< 10000	< 25000	< 5000	< 5000	180	(<20000)
				8270	ug/l	78	59	120	99	96	180	170	< 200	170	90	44	NA	NA	NA
			Toluene	8240/60	ug/l	< 5000	< 2000	< 5000	4600	7400	< 10000	6600	6300	3900	6400	< 5000	2700	1600	(<2000)
			Xylenes (Ttl)	8240/60	ug/l	< 5000	< 2000	< 5000	< 2000	< 5000	< 10000	< 5000	3100	< 10000	< 25000	< 5000	3000	NA	(<2000)
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1200	NA
			n-Propylbenzene	8240/60	ug/l	< 5000	< 2000	< 5000	< 2000	< 5000	< 10000	< 5000	< 500	< 10000	< 25000	< 5000	< 500	52	(<2000)
			o-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	690	(<2000)
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<20000)
PZL0021	Water Table/MBFB	VOCs	1,1-Dichloroethane	8010/21	ug/l	< 500	< 30	< 30	< 5	< 30	NA	NA	< 30	0.16	< 500	< 5000	NA	NA	NA
				8240/60	ug/l	< 200	< 200	< 200	< 300	< 300	NA	NA	< 500	< 1200	< 5000	< 1000	< 500	NA	NA
			1,1-Dichloroethene	8010/21	ug/l	< 500	< 30	< 30	< 5	< 30	NA	NA	< 30	0.26	< 500	< 5000	NA	NA	NA
				8240/60	ug/l	< 100	< 100	< 100	< 200	< 200	NA	NA	< 300	< 1200	< 5000	< 1000	< 500	NA	NA
			1,2-Dichloroethane	8010/21	ug/l	< 500	< 30	70	44	< 30	NA	NA	40	< 1.0	< 500	< 5000	NA	NA	NA
				8240/60	ug/l	< 100	< 100	< 100	< 200	< 200	NA	NA	< 300	< 1200	< 5000	< 1000	< 250	NA	NA
			Benzene	8240/60	ug/l	35000	23000	17800	23000	28000	NA	NA	96000	110000	97000	99000	200000	NA	NA
			Carbon disulfide	8240/60	ug/l	< 400	< 400	< 400	< 500	< 500	NA	NA	< 1000	< 12000	< 10000	< 1000	380	NA	NA
			Chlorobenzene	8010/21	ug/l	< 500	< 30	< 30	11	< 30	NA	NA	< 30	12	< 500	< 5000	NA	NA	NA
				8240/60	ug/l	< 200	< 200	< 200	< 300	< 300	NA	NA	< 500	< 1200	< 5000	< 1000	< 500	NA	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
PZL0021	Water Table/MBFB	VOCs	Freon 11	8010/21	ug/l	< 500	< 30	< 30	< 5	< 30	NA	NA	< 30	0.15	< 500	< 5000	NA	NA	NA
				8240/60	ug/l	< 200	< 200	< 200	< 300	< 300	NA	NA	< 500	< 2500	< 5000	< 2000	< 5000	NA	NA
			Methylene chloride	8010/21	ug/l	< 500	< 30	< 100	< 20	< 100	NA	NA	< 100	< 5.0	< 2500	< 25000	NA	NA	NA
				8240/60	ug/l	< 200	740	< 200	280	< 300	NA	NA	< 500	< 6200	< 5000	< 1000	< 5000	NA	NA
			Toluene	8240/60	ug/l	860	260	250	< 300	< 300	NA	NA	540	730	< 5000	500	1400	NA	NA
			Trichloroethene	8010/21	ug/l	< 500	< 30	38	31	31	NA	NA	39	16	< 500	< 5000	NA	NA	NA
				8240/60	ug/l	< 200	< 200	< 200	< 300	< 300	NA	NA	< 500	< 1200	< 5000	< 1000	< 500	NA	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	< 500	< 30	< 30	< 5	< 30	NA	NA	< 30	3.8	< 500	NA	NA	NA	NA
				8240/60	ug/l	< 200	< 200	< 200	< 300	< 300	NA	NA	< 500	< 620	< 5000	< 1000	< 500	NA	NA
			trans-1,2-Dichloroethene	8010/21	ug/l	< 500	< 30	< 30	< 5	< 30	NA	NA	< 30	0.54	< 500	< 5000	NA	NA	NA
				8240/60	ug/l	< 200	< 200	< 200	< 300	< 300	NA	NA	< 500	< 620	< 5000	< 1000	< 500	NA	NA
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	190	140	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
PZL0022	Water Table	VOCs	Benzene	8240/60	ug/l	1.0	< 0.5	< 0.5	1.3	< 0.5	NA	NA	NA	NA	NA	NA	2.4	< 0.50	(<0.50)
			Toluene	8240/60	ug/l	0.86	2.0	1.6	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	(<1.0)
			sec-Butylbenzene	8240/60	ug/l	2.6	1.8	2.3	4.3	2.7	NA	NA	NA	NA	NA	NA	0.40	< 1.0	(<1.0)
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10)
PZL0023	Water Table	VOCs	Benzene	8240/60	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Isopropylbenzene	8240/60	ug/l	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Naphthalene	8240/60	ug/l	1400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8270	ug/l	830	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Toluene	8240/60	ug/l	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			n-Propylbenzene	8240/60	ug/l	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			sec-Butylbenzene	8240/60	ug/l	32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PZL0024	Water Table	VOCs	Benzene	8240/60	ug/l	51000	140000	120000	96000	100000	NA	NA	120000	73000	40000	42000	NA	NA	(<0.50)
			Ethylbenzene	8240/60	ug/l	1300	3500	3800	12000	2700	NA	NA	3300	1700	< 2500	620	NA	NA	(<1.0)
			Naphthalene	8240/60	ug/l	< 500	< 1000	< 2000	< 1000	< 1000	NA	NA	< 500	< 1000	< 2500	< 1000	NA	NA	(<10)
				8270	ug/l	450	210	330	440	400	NA	NA	150	23	9.6	11	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	790	< 1000	< 2000	< 1000	< 1000	NA	NA	< 500	< 1000	< 2500	< 1000	NA	NA	(<1.0)
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10)
PZL0025	Water Table	VOCs	Acetone	8240/60	ug/l	< 200	< 200	< 200	2000	< 1000	< 1000	< 500	< 2000	< 100	< 2.0	< 10	< 10	NA	(<20)
			Benzene	8240/60	ug/l	2600	2200	1900	12000	9600	12000	7300	28000	330	12	< 1.0	1.5	NA	(<0.50)
			Chlorobenzene	8010/21	ug/l	< 0.5	< 3	< 3	< 0.5	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
PZL0025	Water Table	VOCs	Chlorobenzene	8240/60	ug/l	< 20	< 20	< 20	< 100	< 100	< 100	< 50	< 200	< 10	0.17	< 1.0	< 1.0	NA	(<1.0)
			Ethylbenzene	8240/60	ug/l	< 20	< 20	< 20	< 100	< 100	< 100	< 50	< 200	1.0	0.42	< 1.0	< 1.0	NA	(<1.0)
			Xylenes (Ttl)	8240/60	ug/l	< 20	< 20	< 20	< 100	< 100	< 100	< 50	< 200	< 10	< 1.0	< 1.0	< 1.0	NA	(<1.0)
			tert-Butylbenzene	8240/60	ug/l	< 20	< 20	< 20	< 100	< 100	< 100	< 50	< 200	4.7	3.5	< 1.0	0.23	NA	(<1.0)
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10)
PZL0026	Water Table	VOCs	Benzene	8240/60	ug/l	4100	670	3500	3300	2700	NA	NA	3900	2400	1100	620	2000	91	NA
			Carbon disulfide	8240/60	ug/l	< 100	< 20	< 50	< 40	< 40	NA	NA	< 50	< 500	< 100	< 10	6.3	< 200	NA
			Ethylbenzene	8240/60	ug/l	< 50	< 10	27	< 20	32	NA	NA	190	25	< 50	3.4	18	< 20	NA
			Methyl Ethyl Ketone	8240/60	ug/l	< 300	< 50	< 200	< 100	< 100	NA	NA	< 200	< 500	< 100	490	76	< 200	NA
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.9	< 20	NA
			Styrene	8240/60	ug/l	< 50	< 10	< 30	< 20	29	NA	NA	32	28	< 50	< 10	19	< 20	NA
			Toluene	8240/60	ug/l	110	17	85	88	63	NA	NA	79	76	45	18	59	< 20	NA
			Xylenes (Ttl)	8240/60	ug/l	< 50	< 10	< 30	< 20	38	NA	NA	< 30	25	< 50	13	13	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73000
SWL0002	Water Table/MBFB	VOCs	1,1-Dichloroethane	8010/21	ug/l	< 500	< 100	< 3	< 5	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10000	< 2000	< 2000	< 30000	< 2000	NA	NA	NA	NA	NA	NA	NA	1.8	NA
			1,1-Dichloroethene	8010/21	ug/l	< 500	< 100	33	7.5	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 5000	< 1000	< 1000	< 20000	< 1000	NA	NA	NA	NA	NA	NA	NA	2.6	NA
			Benzene	8240/60	ug/l	180000	270000	240000	310000	290000	NA	NA	NA	NA	NA	NA	NA	< 19	NA
			Tetrachloroethene	8010/21	ug/l	< 500	< 100	240	95	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10000	< 2000	< 2000	< 30000	< 2000	NA	NA	NA	NA	NA	NA	NA	350	NA
			Trichloroethene	8010/21	ug/l	< 500	230	680	220	400	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10000	< 2000	< 2000	< 30000	< 2000	NA	NA	NA	NA	NA	NA	NA	130	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	< 500	< 100	45	43	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10000	< 2000	< 2000	< 30000	< 2000	NA	NA	NA	NA	NA	NA	NA	14	NA
			trans-1,2-Dichloroethene	8010/21	ug/l	< 500	< 100	< 3	< 5	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10000	< 2000	< 2000	< 30000	< 2000	NA	NA	NA	NA	NA	NA	NA	9.8	NA
SWL0003	Water Table/MBFB	VOCs	1,1-Dichloroethane	8010/21	ug/l	< 500	< 100	< 200	< 5	< 300	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10000	< 5000	< 5000	< 3000	< 2000	NA	NA	NA	NA	NA	NA	32	180	NA
			1,1-Dichloroethene	8010/21	ug/l	< 500	< 100	< 200	11	< 300	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 5000	< 3000	< 3000	< 2000	< 1000	NA	NA	NA	NA	NA	NA	89	230	NA
			Benzene	8240/60	ug/l	340000	430000	350000	330000	340000	NA	NA	NA	NA	NA	NA	150000	170000	NA
			Styrene	8240/60	ug/l	< 10000	< 5000	< 5000	< 3000	< 2000	NA	NA	NA	NA	NA	NA	29	< 2500	NA
			Tetrachloroethene	8010/21	ug/l	< 500	< 100	< 200	13	< 300	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0003	Water Table/MBFB	VOCs	Tetrachloroethene	8240/60	ug/l	< 10000	< 5000	< 5000	< 3000	< 2000	NA	NA	NA	NA	NA	NA	940	440	NA
			Toluene	8240/60	ug/l	< 10000	< 5000	< 5000	< 3000	< 2000	NA	NA	NA	NA	NA	NA	18	< 2500	NA
			Trichloroethene	8010/21	ug/l	< 500	< 100	< 200	7.3	< 300	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10000	< 5000	< 5000	< 3000	< 2000	NA	NA	NA	NA	NA	NA	3900	2400	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	< 500	< 100	< 200	< 5	< 300	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10000	< 5000	< 5000	< 3000	< 2000	NA	NA	NA	NA	NA	NA	68	100	NA
			trans-1,2-Dichloroethene	8010/21	ug/l	< 500	< 100	< 200	< 5	< 300	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10000	< 5000	< 5000	< 3000	< 2000	NA	NA	NA	NA	NA	NA	36	71	NA
SWL0004	Water Table/MBFB	VOCs	1,1-Dichloroethene	8010/21	ug/l	< 500	< 100	< 200	< 30	< 300	< 300	NA	< 500	0.97	< 500	< 10000	NA	NA	NA
				8240/60	ug/l	< 3000	< 10000	< 10000	< 5000	< 5000	< 5000	NA	< 3000	< 12000	< 25000	< 12000	< 5.0	< 50	NA
			Benzene	8240/60	ug/l	900000	2200000	1400000	1200000	1700000	920000	NA	870000	870000	950000	820000	610000	610000	NA
			Ethylbenzene	8240/60	ug/l	< 5000	< 20000	< 20000	< 10000	< 10000	< 10000	NA	< 5000	< 12000	< 25000	< 12000	1200	< 5000	NA
			Isopropylbenzene	8240/60	ug/l	< 5000	< 20000	< 20000	< 10000	< 10000	< 10000	NA	< 5000	< 12000	< 25000	< 12000	23	< 5000	NA
			Naphthalene	8240/60	ug/l	< 5000	< 20000	< 20000	< 10000	< 10000	< 10000	NA	< 5000	< 12000	< 25000	< 12000	20	< 50000	NA
			Styrene	8240/60	ug/l	< 5000	< 20000	< 20000	< 10000	< 10000	< 10000	NA	< 5000	< 12000	< 25000	< 12000	780	< 5000	NA
			Tetrachloroethene	8010/21	ug/l	< 500	< 100	< 200	< 30	< 300	< 300	NA	< 500	12	< 500	< 10000	NA	NA	NA
				8240/60	ug/l	< 5000	< 20000	< 20000	< 10000	< 10000	< 10000	NA	< 5000	< 12000	< 25000	< 12000	55	62	NA
			Toluene	8240/60	ug/l	7200	< 20000	< 20000	< 10000	< 10000	< 10000	NA	5600	< 12000	< 25000	< 12000	1300	< 5000	NA
			Trichloroethene	8010/21	ug/l	< 500	< 100	< 200	< 30	< 300	< 300	NA	< 500	< 2.5	< 500	< 10000	NA	NA	NA
				8240/60	ug/l	< 5000	< 20000	< 20000	< 10000	< 10000	< 10000	NA	< 5000	< 12000	< 25000	< 12000	37	530	NA
			Xylenes (Ttl)	8240/60	ug/l	< 5000	< 20000	< 20000	< 10000	< 10000	< 10000	NA	< 5000	< 12000	< 25000	< 12000	28	NA	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	< 500	< 100	< 200	< 30	< 300	< 300	NA	< 500	6.4	< 500	NA	NA	NA	NA
				8240/60	ug/l	< 5000	< 20000	< 20000	< 10000	< 10000	< 10000	NA	< 5000	< 6200	< 25000	< 12000	7.4	< 50	NA
			n-Propylbenzene	8240/60	ug/l	< 5000	< 20000	< 20000	< 10000	< 10000	< 10000	NA	< 5000	< 12000	< 25000	< 12000	5.9	< 5000	NA
SWL0005	Water Table	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	2.2	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Benzene	8240/60	ug/l	1.8	1.3	< 0.5	2.0	0.81	NA	NA	< 0.5	0.67	0.42	< 1.0	< 0.50	NA	< 0.50
			Chloroform	8240/60	ug/l	< 0.5	0.51	0.54	0.51	0.74	NA	NA	< 0.5	0.47	0.40	0.31	< 1.0	< 1.0	< 1.0
			Ethylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Freon 12	8240/60	ug/l	5.9	17	9.1	9.5	7.3	NA	NA	3.4	4.3	3.5	1.8	1.0	< 1.0	< 1.0
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.29	0.16	< 1.0	< 1.0	< 1.0	< 1.0
			Naphthalene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.52	< 1.0	< 1.0	< 10	< 10	< 10
				8270	ug/l	< 5	NA	NA	NA	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8240/60	ug/l	3.2	3.7	3.3	2.8	3.2	NA	NA	2.1	2.3	1.7	1.4	0.84	< 1.0	< 1.0
			Trichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	0.79	NA	NA	< 1	0.73	0.57	0.52	< 1.0	< 1.0	< 1.0
			Vinyl chloride	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 2.0	0.40	< 2.0	< 0.50	< 0.50	< 0.50

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0005	Water Table	pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0006	Water Table	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	0.58	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.11	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50
			Carbon disulfide	8240/60	ug/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2.0	< 1.0	< 10	< 10	< 10
			Methylene chloride	8240/60	ug/l	< 1	< 1	< 1	1.2	< 1	< 1	< 1	< 1	< 5.0	< 1.0	< 1.0	< 10	< 10	< 10
			Toluene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0007	Water Table	VOCs	1,1,2-Trichloroethane	8240/60	ug/l	< 5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	1.1	< 1.0	< 1.0	< 1.0	< 1.0	NA
			1,1-Dichloroethane	8240/60	ug/l	< 10	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	0.36	< 1.0	< 1.0	< 1.0	NA
			Acetone	8240/60	ug/l	< 100	56	80	25	26	NA	NA	27	NA	< 5.8	8.2	< 10.0	< 50	NA
			Benzene	8240/60	ug/l	< 0.5	1.0	2.1	1.9	< 0.5	NA	NA	< 0.5	0.99	1.0	0.89	1.4	3.0	NA
			Chloroform	8240/60	ug/l	< 5	< 0.5	< 0.5	0.66	0.75	NA	NA	< 0.5	0.58	0.63	0.50	0.55	0.77	NA
			Chloromethane	8240/60	ug/l	< 10	< 1	< 1	< 1	< 1	NA	NA	< 1	< 2.0	< 1.0	< 2.0	< 10	< 10	NA
			Cyclohexane	8240/60	ug/l	1000	120	85	64	69	NA	NA	25	41	< 2.0	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	< 10	< 1	1.1	< 1	< 1	NA	NA	8.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
			Freon 11	8240/60	ug/l	< 10	3.5	7.4	< 1	4.4	NA	NA	5.5	5.6	7.8	4.3	2.7	3.9	NA
			Isopropylbenzene	8240/60	ug/l	< 10	< 1	< 1	< 1	< 1	NA	NA	< 1	0.13	< 1.0	< 1.0	0.18	< 1.0	NA
			Methylene chloride	8240/60	ug/l	< 10	1.8	< 1	< 1	< 1	NA	NA	< 1	< 0.20	0.38	< 1.0	< 10	< 10	NA
			Toluene	8240/60	ug/l	1.0	1.4	< 0.58	1.2	< 0.5	NA	NA	< 1	0.54	0.40	< 1.0	< 1.0	< 1.0	NA
			Trichloroethene	8240/60	ug/l	< 10	2.5	2.5	2.4	2.9	NA	NA	2.0	2.0	2.0	2.0	< 1.4	1.0	NA
			Xylenes (Ttl)	8240/60	ug/l	< 10	< 1	5.4	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	0.44	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	< 10	< 1	< 1	< 1	< 1	NA	NA	< 1	0.48	0.62	0.47	< 1.0	< 1.0	NA
SWL0008	Water Table	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	1700	< 500	380	350	700	960	1400	< 20	180	56	650	130	790	(<1.0)
			1,2-Dichlorobenzene	8010/21	ug/l	< 500	< 50	< 30	< 20	< 30	< 50	< 1	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 500	< 50	< 100	< 500	< 25	(<1.0)
				8270	ug/l	< 60	< 6	< 6	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichloroethane	8010/21	ug/l	< 500	< 50	75	< 20	< 30	73	41	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 500	< 300	< 100	< 50	210	< 300	< 200	< 10	< 500	50	< 100	< 250	< 50	(4.0)
			1,3,5-Trimethylbenzene	8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 500	7.5	< 100	< 500	< 200	(<1.0)
			Benzene	8240/60	ug/l	91000	55000	25000	12000	11000	24000	23000	2300	25000	1700	9300	49000	21000	(52)
			Bromoform	8010/21	ug/l	< 500	< 50	< 30	< 20	< 30	< 50	< 1	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 500	< 50	< 100	< 500	< 25	(<1.0)
			Chlorobenzene	8010/21	ug/l	< 500	< 50	< 30	< 20	< 30	< 50	< 1	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 500	< 50	< 100	< 500	< 200	(<1.0)

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0008	Water Table	VOCs	Chloroethane	8010/21	ug/l	< 500	< 50	< 30	< 20	< 30	< 50	< 1	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 1000	< 50	< 200	< 500	< 200	(<5.0)
			Dibromochloromethane	8010/21	ug/l	< 500	< 50	< 30	< 20	< 30	< 50	< 1	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 500	< 50	< 100	< 500	< 25	(<1.0)
			Ethylbenzene	8240/60	ug/l	2300	< 500	420	410	800	1400	1300	83	160	110	590	1900	2000	(10)
			Freon 113	8240/60	ug/l	< 2000	< 1000	< 400	< 200	< 200	< 1000	< 500	< 40	< 500	< 100	< 100	NA	160	(<10)
			Isopropylbenzene	8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 500	9.2	44	93	100	(35)
			Naphthalene	8240/60	ug/l	< 1000	< 500	< 200	< 100	150	< 500	< 300	< 20	< 500	15	50	330	290	(15)
				8270	ug/l	480	65	48	110	120	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Toluene	8240/60	ug/l	1800	< 500	250	< 100	160	< 500	310	28	< 500	24	< 100	< 500	< 200	(2.9)
			Trichloroethene	8010/21	ug/l	< 500	< 50	< 30	< 20	< 30	< 50	< 1	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 500	< 50	< 100	< 500	< 10	(5.3)
			Xylenes (Ttl)	8240/60	ug/l	1400	< 500	410	110	300	< 500	520	66	< 500	120	260	360	NA	(1.6)
			cis-1,2-Dichloroethene	8010/21	ug/l	< 500	< 50	< 30	< 20	< 30	< 50	< 1	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 250	< 50	< 100	< 500	< 25	(1.1)
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81	NA
			n-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 500	< 200	(13)
			n-Propylbenzene	8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 500	16	98	180	300	(82)
			sec-Butylbenzene	8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	NA	NA	< 100	< 500	< 200	(18)
			tert-Butylbenzene	8240/60	ug/l	< 1000	< 500	< 200	< 100	< 100	< 500	< 300	< 20	< 500	< 50	< 100	< 500	< 200	(68)
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10)
SWL0009	Water Table	VOCs	1,1-Dichloroethane	8240/60	ug/l	88	88	110	85	87	NA	NA	88	78	68	70	35	38	NA
			1,1-Dichloroethene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	0.90	< 5.0	0.49	< 1.0	< 1.0	NA
			1,2-Dichloroethane	8240/60	ug/l	1.4	< 0.5	1.7	< 0.5	1.5	NA	NA	1.7	1.6	1.7	1.7	1.4	1.6	NA
			1,2-Dichloropropane	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	0.37	< 5.0	< 1.0	< 1.0	< 1.0	NA
			1,4-Dichlorobenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.36	0.72	0.47	0.66	0.87	NA
				8270	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	1.1	0.77	0.85	< 0.5	< 0.5	NA	NA	< 0.5	0.57	< 5.0	< 1.0	< 0.50	0.29	NA
			Chlorobenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.36	< 5.0	< 1.0	< 1.0	< 0.22	NA
			Chloroethane	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.52	< 5.0	< 2.0	< 1.0	< 1.0	NA
			Chloroform	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 5.0	0.41	< 1.0	0.61	NA
			Ethylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	NA
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.16	< 5.0	< 1.0	< 1.0	< 1.0	NA
			Methylene chloride	8240/60	ug/l	< 1	< 1	< 1	< 1	2.7	NA	NA	< 1	< 0.70	< 5.0	0.45	< 10	< 10	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0009	Water Table	VOCs	Tetrachloroethene	8240/60	ug/l	38	44	36	44	34	NA	NA	29	36	23	29	18	14	NA
			Trichloroethene	8240/60	ug/l	43	43	44	38	37	NA	NA	37	35	20	25	14	12	NA
			Vinyl chloride	8240/60	ug/l	5.2	8.0	7.0	< 0.5	10	NA	NA	5.0	6.2	3.9	3.9	0.66	0.89	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	26	32	27	23	27	NA	NA	27	39	28	26	17	19	NA
			trans-1,2-Dichloroethene	8240/60	ug/l	1.0	1.8	< 1	< 1	< 1	NA	NA	< 1	0.95	< 5.0	0.61	< 1.0	< 1.0	NA
SWL0010	MBFB/MBFC	VOCs	Carbon disulfide	8240/60	ug/l	< 2	< 2	< 2	3.0	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chloroform	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0011	MBFB	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	NA	NA	NA	NA
			Chloroform	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	NA	NA	NA	NA
			Freon 11	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 2.0	< 1.0	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0012	Water Table	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chloroform	8240/60	ug/l	1.6	1.9	2.4	2.2	2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Naphthalene	8240/60	ug/l	< 1	2.0	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0013	MBFC	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	0.14	< 1.0	NA	0.47	< 0.58	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0014	MBFC	VOCs	1,2-Dichlorobenzene	8240/60	ug/l	0.66	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8270	ug/l	< 6	< 6	< 6	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,4-Dichlorobenzene	8240/60	ug/l	0.99	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8270	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0015	Water Table	VOCs	1,2-Dichlorobenzene	8240/60	ug/l	1.2	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,4-Dichlorobenzene	8240/60	ug/l	4.9	3.6	3.2	3.4	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	3.5	2.9	2.9	2.8	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chlorobenzene	8240/60	ug/l	24	17	15	15	15	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Cyclohexane	8240/60	ug/l	11	5.2	4.4	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Toluene	8240/60	ug/l	1.0	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Vinyl chloride	8240/60	ug/l	3.0	1.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	1.4	1.1	1.3	1.1	0.90	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0016	Water Table	VOCs	1,1,1-Trichloroethane	8240/60	ug/l	< 5	< 5	< 5	< 5	3.2	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
			1,1-Dichloroethane	8240/60	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	0.70	NA	< 1.0

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0016	Water Table	VOCs	1,1-Dichloroethene	8240/60	ug/l	160	66	89	120	140	NA	NA	NA	NA	NA	NA	19	5.5	< 1.0
			Benzene	8240/60	ug/l	8.8	4.7	21	< 3	7.5	NA	NA	NA	NA	NA	NA	0.76	< 0.50	< 0.50
			Chloroform	8240/60	ug/l	< 3	< 3	< 3	< 3	< 3	NA	NA	NA	NA	NA	NA	0.77	NA	< 1.0
			Ethylbenzene	8240/60	ug/l	8.4	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
			Tetrachloroethene	8240/60	ug/l	350	280	340	340	350	NA	NA	NA	NA	NA	NA	120	60	17
			Trichloroethene	8240/60	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	1.8	1.7	< 1.0
			Xylenes (Ttl)	8240/60	ug/l	10	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
			sec-Butylbenzene	8240/60	ug/l	9.8	< 5	< 5	< 5	7.6	NA	NA	NA	NA	NA	NA	2.6	NA	< 1.0
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0017	Water Table	VOCs	1,1,2,2-Tetrachloroethane	8240/60	ug/l	< 0.5	< 0.5	< 0.5	0.90	< 0.5	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
			1,2,3-Trichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	0.31	NA
			Benzene	8240/60	ug/l	19	3.7	13	8.0	11	NA	NA	NA	NA	NA	NA	5.5	3.2	NA
			Chloroform	8240/60	ug/l	4.6	4.7	4.1	3.1	1.8	NA	NA	NA	NA	NA	NA	2.3	1.3	NA
			Chloromethane	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	< 10	16	NA
			Naphthalene	8240/60	ug/l	< 1	< 1	< 1	3.9	< 1	NA	NA	NA	NA	NA	NA	< 10.0	0.83	NA
				8270	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Toluene	8240/60	ug/l	1.7	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	0.41	< 1.0	NA
SWL0018	MBFC	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	0.12	0.16	< 1.0	< 0.50	NA	< 0.50
			Chloroethane	8240/60	ug/l	< 1	< 1	< 1	< 1	3.5	NA	NA	< 1	< 2.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0
			Chloromethane	8240/60	ug/l	< 1	< 1	< 1	< 1	1.4	NA	NA	< 1	< 2.0	< 1.0	< 2.0	< 10	< 10	< 10
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.23	0.16	< 1.0	< 1.0	< 1.0	< 1.0
			Methyl Ethyl Ketone	8240/60	ug/l	< 5	< 5	< 5	< 5	7.5	NA	NA	< 5	< 10	< 2.0	< 5.0	< 10	< 10	< 10
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0019	MBFB	VOCs	1,1-Dichloroethane	8240/60	ug/l	1.0	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	0.59	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Carbon disulfide	8240/60	ug/l	< 2	< 2	8.7	< 2	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Vinyl chloride	8240/60	ug/l	< 2.0	1.4	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0020	Gage	VOCs	Carbon disulfide	8240/60	ug/l	3.4	< 2	< 2	< 2	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chloromethane	8240/60	ug/l	< 1	< 1	< 1	< 1	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0021	Water Table	VOCs	1,1,2,2-Tetrachloroethane	8240/60	ug/l	< 0.5	< 0.5	< 0.5	0.89	< 0.5	NA	NA	< 0.5	< 2.5	< 5.0	< 1.0	< 1.0	< 5.0	< 1.0
			1,1-Dichloroethane	8240/60	ug/l	75	93	100	93	88	NA	NA	97	98	96	75	57	< 5.0	35

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0021	Water Table	VOCs	1,1-Dichloroethene	8240/60	ug/l	34	46	43	39	33	NA	NA	30	36	25	18	13	NA	3.4
			1,2-Dichlorobenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 2.5	< 5.0	0.44	0.57	< 5.0	< 1.0
				8270	ug/l	< 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichloroethane	8240/60	ug/l	12	15	17	14	14	NA	NA	17	21	23	19	22	460	19
			1,2-Dichloropropane	8240/60	ug/l	8.4	9.9	11	8.6	9.8	NA	NA	11	11	10	< 1.0	12	< 5.0	14
			1,4-Dichlorobenzene	8240/60	ug/l	2.5	3.8	3.4	3.0	3.4	NA	NA	3.2	4.1	4.6	5.0	10	NA	10
				8270	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Acetone	8240/60	ug/l	< 10	18	< 10	< 10	< 10	NA	NA	< 10	< 25	< 13	< 10	< 10	< 250	< 20
			Benzene	8240/60	ug/l	9.2	4.6	4.4	4.4	5.4	NA	NA	4.1	6.0	3.2	1.9	< 0.50	21	0.57
			Chlorobenzene	8240/60	ug/l	2.2	3.0	3.1	2.6	2.3	NA	NA	2.7	3.2	3.1	3.4	6.5	300	13
			Chloroethane	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 5.0	< 5.0	1.1	< 1.0	< 5.0	< 5.0
			Chloroform	8240/60	ug/l	0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 2.5	< 5.0	< 1.0	< 1.0	< 5.0	< 1.0
			Cyclohexane	8240/60	ug/l	< 10	32	11	< 10	< 10	NA	NA	11	< 25	5.3	NA	NA	NA	< 10
			Freon 11	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 5.0	3.7	< 2.0	1.7	< 50	< 10
			Freon 12	8240/60	ug/l	42	190	46	37	27	NA	NA	17	15	8.3	1.5	< 1.0	< 5.0	< 1.0
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.42	< 5.0	< 1.0	< 1.0	NA	< 1.0
			Methyl isobutyl ketone	8240/60	ug/l	< 3	< 3	< 3	< 3	< 3	NA	NA	< 3	< 25	< 10	7.2	< 10	< 50	< 10
			Methylene chloride	8240/60	ug/l	< 1	< 1	< 2	< 1	< 1	NA	NA	< 1	0.70	< 5.0	0.39	< 10	< 50	< 10
			Tetrachloroethene	8240/60	ug/l	50.5	68	63	59	44	NA	NA	49	51	31	24	15	8.3	2.1
			Trichloroethene	8240/60	ug/l	120	150	160	140	120	NA	NA	150	130	81	61	38	77	11
			Vinyl chloride	8240/60	ug/l	29	74	33	< 0.5	43	NA	NA	29	28	27	30	14	< 2.5	14
			Xylenes (Ttl)	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 2.5	< 5.0	< 1.0	< 1.0	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	51	83	96	72	70	NA	NA	66	98	91	89	100	< 5.0	84
			sec-Butylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	NA	NA	0.31	0.46	NA	< 1.0
			trans-1,2-Dichloroethene	8240/60	ug/l	3.7	4.7	4.6	4.8	4.2	NA	NA	3.9	4.8	3.8	3.2	2.4	< 5.0	1.6
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48
SWL0022	Gage	VOCs	All Analytes			ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0023	MBFB	VOCs	Acetone	8240/60	ug/l	< 10	< 10	< 10	< 10	< 10	NA	NA	< 10	< 10	< 2.0	< 10	< 100	NA	74
			Chloromethane	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 2.0	< 1.0	< 2.0	< 100	12	< 10
			Ethylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0
			Methyl isobutyl ketone	8240/60	ug/l	< 3	< 3	< 3	< 3	< 3	NA	NA	< 3	< 10	< 2.0	< 5.0	< 100	< 10	< 10
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	3.5	3.3
			Toluene	8240/60	ug/l	< 0.5	4.1	6.4	3.5	5.5	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0023	MBFB	pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210
SWL0024	Water Table	VOCs	1,1-Dichloroethane	8240/60	ug/l	2.8	3.0	3.4	3.5	2.5	NA	NA	2.3	1.9	2.6	1.8	1.5	1.4	1.7
			1,1-Dichloroethene	8240/60	ug/l	1.1	< 0.5	< 0.5	< 0.5	0.63	NA	NA	< 0.5	0.42	0.53	0.28	< 1.0	< 1.0	< 1.0
			1,2-Dichloroethane	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	0.38	< 0.50	< 0.50
			1,2-Dichloropropane	8240/60	ug/l	0.76	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	1.4	1.1	< 1.0	2.6	< 1.0	< 1.0
			1,4-Dichlorobenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.35	< 1.0	< 1.0	1.3	< 1.0	< 1.0
				8270	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Acetone	8240/60	ug/l	< 10	32	< 30	< 10	< 10	NA	NA	< 10	< 10	< 2.0	< 10	4.5	< 50	< 20
			Benzene	8240/60	ug/l	2.3	1.6	1.7	2.0	0.92	NA	NA	< 0.5	0.35	0.61	< 1.0	0.32	NA	< 0.50
			Chlorobenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.11	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Chloroform	8240/60	ug/l	7.1	7.0	6.4	4.9	2.4	NA	NA	1.6	0.24	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Chloromethane	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	2.8	< 2.0	< 1.0	< 2.0	< 10	< 10	< 10
			Dichlorobromomethane	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	8.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Freon 11	8240/60	ug/l	< 1	< 1	< 1	1.5	< 1	NA	NA	< 1	< 2.0	< 1.0	< 2.0	0.31	< 10	< 10
			Freon 12	8240/60	ug/l	28	44	29	29	10	NA	NA	5.7	3.7	3.8	2.3	< 1.0	< 1.0	< 1.0
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.26	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Methylene chloride	8240/60	ug/l	< 3.4	< 2.7	3.2	2.1	2.6	NA	NA	< 1	0.31	0.51	0.20	< 10	< 10	< 10
			Naphthalene	8240/60	ug/l	< 1	< 1	< 1	< 1	1.9	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 10	< 10	< 10
				8270	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8240/60	ug/l	67	61	59	66	40	NA	NA	33	4.2	4.1	2.0	< 1.0	< 1.0	< 1.0
			Trichloroethene	8240/60	ug/l	28	34	35	36	25	NA	NA	25	31	31	27	12	11	13
			Vinyl chloride	8240/60	ug/l	< 0.5	4.0	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	1.1	1.7	< 2.0	1.2	0.75	0.62
			cis-1,2-Dichloroethene	8240/60	ug/l	4.0	4.8	4.6	6.2	4.4	NA	NA	5.4	6.4	7.6	6.5	4.5	5.2	5.9
			trans-1,2-Dichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 0.50	0.53	0.35	< 1.0	< 1.0	< 1.0
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0025	Gage	VOCs	Acetone	8240/60	ug/l	< 10	< 10	< 10	< 10	14	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Carbon disulfide	8240/60	ug/l	3.0	< 2	< 2	9.5	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chloroethane	8240/60	ug/l	< 1	< 1	< 1	< 1	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chloromethane	8240/60	ug/l	< 1	< 1	< 1	< 1	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0026	Gage	VOCs	1,2,3-Trichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	(<0.5/0.33)
			1,2-Dichloroethane	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	< 0.50	(1.2/<0.5)
			Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	< 0.50	(0.56/0.67)
			Carbon disulfide	8240/60	ug/l	< 2	< 2	< 2.6	< 2	< 2	NA	NA	NA	NA	NA	NA	NA	< 10	(<1/<1)

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0026	Gage	VOCs	Chlorobenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	< 1.0	(17/89)
			Chloroform	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	< 1.0	(0.84/0.82)
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	(190/75)
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10/<10)
SWL0027	MBFC	VOCs	Chloromethane	8240/60	ug/l	< 1	2.6	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Freon 12	8240/60	ug/l	< 5	< 5	< 5	< 5	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0028	Water Table	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	0.58	< 0.50	< 0.50
			Methyl Ethyl Ketone	8240/60	ug/l	< 5	< 5	5.4	< 5	< 5	NA	NA	< 5	< 10	< 2.0	< 5.0	< 10	< 10	< 10
			Trichloroethene	8240/60	ug/l	3.9	6.1	4.1	3.6	1.9	NA	NA	< 1	0.22	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0029	MBFB	VOCs	1,1-Dichloroethane	8240/60	ug/l	< 10	< 10	< 5	< 10	< 5	NA	NA	< 10	< 50	< 100	< 50	4.2	4.0	NA
			1,1-Dichloroethene	8240/60	ug/l	9.6	< 5	9.0	< 5	11	NA	NA	< 5	14	< 100	22	36	0.80	NA
			1,2,4-Trichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	< 50	< 100	NA	< 5.0	0.35	NA
				8270	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichlorobenzene	8240/60	ug/l	< 10	< 10	< 5	< 10	< 5	NA	NA	< 10	< 50	< 100	< 50	< 5.0	0.19	NA
				8270	ug/l	< 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichloroethane	8240/60	ug/l	< 5	< 5	< 3	< 5	< 3	NA	NA	< 5	< 50	< 100	< 50	< 2.5	0.26	NA
			Benzene	8240/60	ug/l	1.1	1.1	1.7	0.88	0.75	NA	NA	< 2	1.1	1.3	1.7	< 2.5	0.65	NA
			Chloroform	8240/60	ug/l	< 5	< 5	< 3	< 5	3.3	NA	NA	< 5	< 50	< 100	< 50	10	8.6	NA
			Freon 11	8240/60	ug/l	< 10	< 10	< 5	< 10	< 5	NA	NA	< 10	< 100	< 100	< 100	10	6.1	NA
			Freon 113	8240/60	ug/l	< 20	< 20	< 10	< 20	< 10	NA	NA	< 20	< 50	< 200	< 50	NA	1.6	NA
			Freon 12	8240/60	ug/l	< 50	< 50	< 30	< 50	< 30	NA	NA	< 50	< 100	< 100	< 100	4.8	3.8	NA
			Tetrachloroethene	8240/60	ug/l	240	230	290	240	350	NA	NA	270	520	370	900	960	800	NA
			Trichloroethene	8240/60	ug/l	630	790	800	730	1100	NA	NA	1100	1700	1300	2600	3100	2600	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	10	12	13	14	23	NA	NA	< 10	29	27	43	46	51	NA
			trans-1,2-Dichloroethene	8240/60	ug/l	< 10	< 10	< 5	< 10	< 5	NA	NA	< 10	< 25	< 100	< 50	< 5.0	7.1	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0030	MBFC	VOCs	1,1-Dichloroethene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	0.55	NA
			Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	NA
			Carbon disulfide	8240/60	ug/l	< 2	< 2	< 2	< 2	< 2	NA	NA	< 2	< 10	< 2.0	< 1.0	0.53	< 10	NA
			Tetrachloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	1.1	3.8	7.6	NA
			Trichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	1.1	NA	NA	< 1	< 1.0	1.2	4.6	21	40	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 0.50	0.25	< 1.0	< 1.0	0.80	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0031	Gage	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	0.86	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	NA
			Carbon disulfide	8240/60	ug/l	< 2	< 2	3.0	< 2	< 2	NA	NA	NA	NA	NA	NA	< 10	< 10	NA
			Trichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	1.9	2.2	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	0.95	1.3	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0032	MBFB	VOCs	1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	58	NA
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	660000	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1000	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5100	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	220	NA
SWL0033	MBFC	VOCs	1,2-Dichloroethane	8010/21	ug/l	< 10	< 20	< 20	< 30	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10	< 30	< 20	< 30	< 20	NA	NA	< 20	< 50	37	68	45	60	(<100)
			1,4-Dichlorobenzene	8010/21	ug/l	< 10	< 20	< 20	< 30	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	14	< 30	< 50	< 30	NA	NA	< 30	14	14	8.9	13	14	(<100)
				8270	ug/l	9.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	18	15	14	11	8.0	NA	NA	< 20	4.0	4.1	8.0	9.8	5.3	(<100)
			Chlorobenzene	8010/21	ug/l	2600	4400	3000	3700	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	2600	2900	3800	3500	2100	NA	NA	3200	2400	2300	2100	3500	3600	(4400)
			Ethylbenzene	8240/60	ug/l	35	< 50	37	< 50	< 30	NA	NA	< 30	< 50	< 100	< 25	< 20	NA	(<100)
			Tetrachloroethene	8010/21	ug/l	< 10	< 20	< 20	< 30	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	< 50	< 30	< 50	< 30	NA	NA	< 30	< 50	< 100	< 25	6.8	8.9	(<100)
			Toluene	8240/60	ug/l	1.0	1.0	< 0.78	< 0.52	< 3	NA	NA	< 30	< 1.0	< 0.50	< 1.0	< 20	< 1.4	(<100)
			Trichloroethene	8010/21	ug/l	< 10	< 20	< 20	< 30	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	< 50	< 30	< 50	< 30	NA	NA	< 30	< 50	< 100	< 25	33	48	(<100)
		pCBSA	pCBSA	300.0	ug/l	20000	21000	23000	19000	15000	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<2000)
SWL0034	Gage	VOCs	1,4-Dichlorobenzene	8010/21	ug/l	< 30	< 30	< 50	< 30	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 50	8.7	< 50	< 50	< 100	NA	NA	< 100	< 100	< 500	< 100	NA	NA	NA
				8270	ug/l	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	14	11	11	13	17	NA	NA	< 50	33	39	51	NA	NA	NA
			Chlorobenzene	8010/21	ug/l	5800	7900	6800	8800	11000	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	6100	5400	6600	7200	7700	NA	NA	9200	9900	10000	8600	NA	NA	NA
			Methyl Ethyl Ketone	8240/60	ug/l	< 300	< 300	< 300	55	< 500	NA	NA	< 500	< 1000	< 1000	< 500	(<10)	NA	NA
			Methylene chloride	8010/21	ug/l	< 30	< 30	< 200	< 100	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 50	< 50	< 50	< 50	< 100	NA	NA	< 100	< 500	< 500	< 100	(<5)	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0034	Gage	VOCs	Toluene	8240/60	ug/l	0.58	< 0.75	< 0.5	< 0.5	< 10	NA	NA	< 100	< 1.0	0.67	< 1.0	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	< 50	< 50	< 50	< 50	< 100	NA	NA	< 100	< 100	< 500	< 100	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	33000	25000	35000	38000	39000	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0035	MBFC	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	NA
			Methylene chloride	8240/60	ug/l	< 1	< 1	< 1	1.2	< 1	NA	NA	NA	NA	NA	NA	< 10	< 10	NA
			Toluene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0036	Gage	VOCs	Ethylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	0.30	1.1	0.52	NA
			Methylene chloride	8240/60	ug/l	< 1	< 1	< 1	2.1	< 1	NA	NA	< 1	< 5.0	< 1.0	< 1.0	< 10	< 10	NA
			Tetrachloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	0.34	< 1.0	NA
			Trichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	0.73	< 1.0	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0037	MBFB	VOCs	1,1-Dichloroethene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	0.23	< 1.0	< 1.0	1.4
			Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.53	1.4	1.7	0.67	NA	< 1.0
			Tetrachloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.22	< 1.0	< 1.0	0.45	NA	2.3
			sec-Butylbenzene	8240/60	ug/l	14	11	11	8.8	10	NA	NA	5.6	NA	NA	15	5.9	3.2	10
		pCBSA	pCBSA	300.0	ug/l	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0038	Water Table	VOCs	1,3-Dichlorobenzene	8240/60	ug/l	< 10	< 10	< 1	< 5	< 5	NA	NA	< 1	< 5.0	1.2	< 1.0	NA	NA	NA
				8270	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	< 5	< 5	< 0.5	< 3	< 3	NA	NA	< 0.5	0.58	< 10	< 1.0	NA	NA	NA
			Chloromethane	8240/60	ug/l	< 10	< 10	< 1	< 5	< 5	NA	NA	45	< 10	< 10	< 2.0	NA	NA	NA
			Cyclohexane	8240/60	ug/l	730	1100	800	430	570	NA	NA	300	450	130	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	11	< 10	< 1	< 5	< 5	NA	NA	< 1	< 5.0	< 10	< 1.0	NA	NA	NA
			Isopropylbenzene	8240/60	ug/l	< 10	< 10	< 1	< 5	< 5	NA	NA	1.4	0.69	< 10	< 1.0	NA	NA	NA
			Methyl Ethyl Ketone	8240/60	ug/l	500	< 50	< 5	< 30	< 30	NA	NA	< 5	< 50	< 20	< 5.0	NA	NA	NA
			Naphthalene	8240/60	ug/l	< 10	< 10	< 1	< 5	< 5	NA	NA	< 1	< 5.0	1.6	< 1.0	NA	NA	NA
				8270	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Trichloroethene	8240/60	ug/l	< 10	< 10	< 1	< 5	< 5	NA	NA	< 1	< 5.0	< 10	< 1.0	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	15	< 10	< 1	< 5	< 5	NA	NA	< 1	< 5.0	< 10	< 1.0	NA	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	< 10	< 10	1.2	< 5	< 5	NA	NA	< 1	< 2.5	< 10	< 1.0	NA	NA	NA
SWL0039	Water Table	VOCs	1,1,2,2-Tetrachloroethane	8240/60	ug/l	1.1	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichloroethane	8240/60	ug/l	2.2	< 0.5	1.2	1.1	0.83	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichloropropane	8240/60	ug/l	6.2	5.0	6.4	5.5	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0039	Water Table	VOCs	Chloroform	8240/60	ug/l	18	15	7.1	18	18	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Cyclohexane	8240/60	ug/l	< 10	5.2	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Freon 11	8240/60	ug/l	5.1	5.8	6.5	10	21	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Methyl Ethyl Ketone	8240/60	ug/l	< 5	< 5	18	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0040	MBFC	VOCs	Benzene	8240/60	ug/l	95000	100000	110000	110000	120000	NA	NA	110000	72000	78000	49000	NA	NA	NA
			Bromochloromethane	8010/21	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chlorobenzene	8010/21	ug/l	< 50	< 50	< 50	< 30	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 1000	NA	NA	< 1000	110	< 2500	< 500	NA	NA	NA
			Chloroform	8010/21	ug/l	< 50	< 50	< 50	< 30	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 500	< 500	< 500	< 500	< 500	NA	NA	< 500	< 1000	< 2500	< 500	NA	NA	NA
			Dibromochloromethane	8010/21	ug/l	< 50	< 50	< 50	< 30	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 1000	NA	NA	< 1000	< 1000	< 2500	< 500	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	3200	2700	3100	1500	3600	NA	NA	2500	< 1000	1900	2100	NA	NA	NA
			Methylene chloride	8010/21	ug/l	< 50	< 50	< 200	< 100	< 500	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 1000	NA	NA	< 1000	< 5000	< 2500	< 500	NA	NA	NA
			Naphthalene	8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 1000	NA	NA	< 1000	480	< 2500	210	NA	NA	NA
				8270	ug/l	490	399	480	550	530	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Trichloroethene	8010/21	ug/l	< 50	< 50	< 50	< 30	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 1000	NA	NA	< 1000	< 1000	< 2500	< 500	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	< 1000	< 1000	< 1000	< 1000	< 1000	NA	NA	< 1000	170	< 2500	270	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	1200	< 100	520	510	1200	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23
SWL0041	MBFB	VOCs	1,2-Dichloroethane	8010/21	ug/l	< 50	< 20	28	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10	< 50	< 500	< 30	< 30	NA	NA	< 30	< 25	NA	< 10	< 500	< 5.0	NA
			Benzene	8240/60	ug/l	1300	12000	12000	8100	8500	NA	NA	5900	1600	330	550	22000	11000	NA
			Bromochloromethane	8010/21	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1000	< 10	NA
			Chlorobenzene	8010/21	ug/l	< 50	< 20	< 10	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	< 100	< 1000	< 50	< 50	NA	NA	< 50	< 25	3.2	< 10	< 1000	< 10	NA
			Chloroform	8010/21	ug/l	< 50	< 20	< 10	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 10	< 50	< 500	< 30	< 30	NA	NA	< 30	< 25	< 25	< 10	< 1000	< 10	NA
			Dibromochloromethane	8010/21	ug/l	< 50	< 20	< 10	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	< 100	< 1000	< 50	< 50	NA	NA	< 50	< 25	< 25	< 10	< 1000	< 10	NA
			Ethylbenzene	8240/60	ug/l	36	290	3200	130	240	NA	NA	100	600	880	560	1400	1100	NA
			Isopropylbenzene	8240/60	ug/l	< 20	< 100	< 1000	< 50	< 50	NA	NA	< 50	6.1	4.8	6.0	< 1000	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0041	MBFB	VOCs	Methylene chloride	8010/21	ug/l	< 50	< 20	< 40	< 20	< 40	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	< 100	< 1000	< 50	< 50	NA	NA	< 50	< 120	< 25	< 10	< 10000	< 100	NA
			Naphthalene	8240/60	ug/l	< 20	< 100	< 1000	< 50	< 50	NA	NA	< 50	9.6	6.6	< 10	< 10000	NA	NA
				8270	ug/l	22	15	11	7.4	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Toluene	8240/60	ug/l	< 20	< 100	< 1000	< 50	< 50	NA	NA	< 50	7.4	< 25	5.6	< 1000	13	NA
			Trichloroethene	8010/21	ug/l	< 50	< 20	< 10	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	< 100	< 1000	< 50	< 50	NA	NA	< 50	< 25	< 25	< 10	< 1000	< 10	NA
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	5600	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22
SWL0042	Water Table	VOCs	1,1,2-Trichloroethane	8010/21	ug/l	NA	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 10	1.9	< 1.0	< 1.0	< 1.0
			1,1-Dichloroethane	8010/21	ug/l	NA	2.4	2.3	2.9	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	3.0	2.6	2.4	2.7	2.3	NA	NA	2.0	1.6	< 10	2.4	1.7	2.3	2.0
			1,1-Dichloroethene	8010/21	ug/l	NA	1.3	1.2	1.9	0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	2.7	1.4	1.5	1.9	1.5	NA	NA	1.7	1.9	< 10	1.6	1.1	1.3	1.3
			1,2-Dichlorobenzene	8010/21	ug/l	NA	1.3	1.5	1.9	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	1.4	1.2	1.2	1.6	1.2	NA	NA	1.2	1.6	1.7	1.2	1.1	1.2	1.1
				8270	ug/l	< 6	< 6	< 6	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichloroethane	8010/21	ug/l	NA	2.1	2.9	2.3	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	3.1	< 0.5	2.2	2.3	1.5	NA	NA	1.8	1.5	< 10	< 1.0	< 0.50	0.99	0.84
			1,2-Dichloropropane	8010/21	ug/l	NA	4.9	4.0	5.0	3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	4.4	3.5	3.2	3.6	2.7	NA	NA	2.4	2.2	2.0	< 1.0	< 1.0	< 1.0	1.9
			1,3-Dichlorobenzene	8010/21	ug/l	NA	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 10	8.6	< 1.0	< 1.0	< 1.0
				8270	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,4-Dichlorobenzene	8010/21	ug/l	NA	16	12	13	12	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	11	13	12	13	9.8	NA	NA	9.3	9.8	8.5	8.8	9.5	12	13
				8270	ug/l	5.6	8.3	8.5	9.4	7.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Acetone	8240/60	ug/l	< 10	< 10	< 10	< 10	< 10	NA	NA	< 10	19	< 20	< 10	< 10	< 50	< 20
			Benzene	8240/60	ug/l	1.2	1.2	< 1.7	0.97	0.68	NA	NA	< 0.5	0.53	< 10	0.59	1.1	0.75	1.1
			Chlorobenzene	8010/21	ug/l	NA	2.5	2.5	< 0.5	1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	3.0	3.1	2.5	2.8	2.3	NA	NA	< 1	2.6	2.7	2.6	2.6	4.7	5.0

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0042	Water Table	VOCs	Cyclohexane	8240/60	ug/l	21	23	15	18	15	NA	NA	< 10	8.3	< 20	NA	NA	NA	< 10
			Ethylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.13	< 10	< 1.0	< 1.0	< 1.0	< 1.0
			Freon 12	8240/60	ug/l	40	67	39	46	25	NA	NA	13	6.6	< 10	< 2.0	1.3	NA	1.2
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.69	< 10	0.62	0.84	NA	< 1.0
			Methylene chloride	8010/21	ug/l	NA	< 1.2	< 2	< 2	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1.5	< 1	< 1	< 1.0	< 1	NA	NA	< 1	0.37	< 10	< 1.0	< 10	< 10	< 10
			Naphthalene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.40	< 10	< 1.0	0.57	< 10	< 10
				8270	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8010/21	ug/l	NA	16	11	11	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	11	12	10	9.9	6.6	NA	NA	5.2	3.4	< 10	1.6	< 1.0	NA	< 1.0
			Toluene	8240/60	ug/l	< 1.1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.71	< 10	0.35	0.35	< 1.0	< 1.0
			Trichloroethene	8010/21	ug/l	NA	71	44	32	47	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	68	48	40	46	31	NA	NA	24	15	14	9.2	8.3	5.6	6.9
			Vinyl chloride	8010/21	ug/l	NA	17	18	15	12	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	17	23	14	21	19	NA	NA	9.9	7.6	13	8.9	12	9.4	8.7
			cis-1,2-Dichloroethene	8010/21	ug/l	NA	96	55	75	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	57	61	55	67	59	NA	NA	69	73	89	75	80	79	100
			n-Propylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 10	< 1.0	0.25	< 1.0	< 1.0
			sec-Butylbenzene	8240/60	ug/l	1.2	1.3	1.3	1.5	1.1	NA	NA	1.1	NA	NA	0.90	1.1	NA	< 1.0
			tert-Butylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.20	< 10	< 1.0	< 1.0	< 1.0	< 1.0
			trans-1,2-Dichloroethene	8010/21	ug/l	NA	0.97	1.0	1.4	0.60	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	1.6	< 1	1.3	1.4	1.1	NA	NA	1.3	1.2	< 10	1.3	1.7	1.9	1.3
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90
SWL0043	MBFC	VOCs	Xylenes (Ttl)	8240/60	ug/l	< 1	< 1	1.6	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0044	Water Table	VOCs	Benzene	8240/60	ug/l	NA	NA	92000	110000	120000	NA	NA	63000	55000	49000	24000	5700	56000	0.82
			Ethylbenzene	8240/60	ug/l	NA	NA	< 500	< 1000	< 1000	NA	NA	< 1000	< 1000	< 2500	< 500	23	1600	1.4
			Isopropylbenzene	8240/60	ug/l	NA	NA	< 500	< 1000	< 1000	NA	NA	< 1000	< 1000	< 2500	< 500	15	< 500	2.6
			Naphthalene	8240/60	ug/l	NA	NA	< 500	< 1000	< 1000	NA	NA	< 1000	< 1000	< 2500	< 500	< 500	NA	< 10
				8270	ug/l	NA	NA	200	280	360	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8010/21	ug/l	NA	NA	< 50	< 5	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	< 500	< 1000	< 1000	NA	NA	< 1000	< 1000	< 2500	< 500	< 50	< 500	1.1
			Toluene	8240/60	ug/l	NA	NA	< 500	< 1000	< 1000	NA	NA	< 1000	< 1000	< 2500	< 500	< 50	NA	1.6
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 500	1.5
			o-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 500	1.5

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0044	Water Table	VOCs	sec-Butylbenzene	8240/60	ug/l	NA	NA	< 500	< 1000	< 1000	NA	NA	< 1000	NA	NA	< 500	7.8	< 500	3.2
		pCBSA	pCBSA	300.0	ug/l	NA	NA	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0045	Water Table	VOCs	Chloroform	8240/60	ug/l	NA	NA	NA	82	44	< 29	46	NA	NA	NA	NA	NA	NA	NA
			Dichlorobromomethane	8240/60	ug/l	NA	NA	NA	0.58	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA
SWL0046	Water Table	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	4.6	1.8	< 2.7	4.5	3.7	1.7	0.87	< 1.0	< 0.50	< 0.50	NA
			Chloromethane	8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	1.1	< 1	< 2.0	< 1.0	< 2.0	< 10	< 10	NA
			Methyl isobutyl ketone	8240/60	ug/l	NA	NA	NA	< 3	< 3	46	< 3	< 3	< 10	< 2.0	< 5.0	< 10	< 10	NA
			Methylene chloride	8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 5.0	0.71	< 1.0	< 10	< 10	NA
SWL0047	MBFB	VOCs	Acetone	8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 4.6	< 10	< 10	11	NA
			Benzene	8240/60	ug/l	NA	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 2.0	< 1.0	3.7	< 0.29	NA
			Chloroform	8010/21	ug/l	NA	NA	NA	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	0.62	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	NA
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	85	67	130	18	8.7	19	13	< 1.0	< 1.0	< 1.0	NA
			Isopropylbenzene	8240/60	ug/l	NA	NA	NA	6.5	7.9	6.3	6.4	6.0	11	7.6	8.0	0.60	2.5	NA
			Methylene chloride	8010/21	ug/l	NA	NA	NA	< 2	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 5.0	1.2	< 1.0	< 10	< 10	NA
			Tetrachloroethene	8010/21	ug/l	NA	NA	NA	1.4	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	NA
			Trichloroethene	8010/21	ug/l	NA	NA	NA	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	0.34	< 2.0	< 1.0	< 1.0	< 1.0	NA
			n-Propylbenzene	8240/60	ug/l	NA	NA	NA	1.1	< 1	< 1	< 1	< 1	0.59	0.60	1.0	< 1.0	0.20	NA
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	12	13	12	14	14	NA	NA	33	15	13	NA
SWL0048	MBFB	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	42000	43000	33000	33000	38000	22000	49000	59000	190000	180000	NA
			Carbon disulfide	8240/60	ug/l	NA	NA	NA	< 1000	< 1000	< 400	< 400	< 1000	< 2500	< 5000	< 1000	12	< 25000	NA
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	7000	16000	13000	12000	11000	11000	14000	20000	29000	26000	NA
			Isopropylbenzene	8240/60	ug/l	NA	NA	NA	< 500	< 500	< 200	< 200	< 500	37	< 2500	< 1000	68	< 2500	NA
			Naphthalene	8240/60	ug/l	NA	NA	NA	< 500	< 500	< 200	< 200	< 500	< 250	< 2500	< 1000	< 250	< 25000	NA
				8270	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 5	1.4	1.7	< 10	NA	NA	NA
			Styrene	8240/60	ug/l	NA	NA	NA	< 500	< 500	< 200	< 200	< 500	< 250	< 2500	< 1000	75	< 2500	NA
			Toluene	8240/60	ug/l	NA	NA	NA	< 500	< 500	< 200	< 200	< 500	< 250	< 2500	< 1000	470	< 2500	NA
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	< 500	< 500	< 200	< 200	< 500	8800	< 2500	< 1000	360	NA	NA
			n-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67	< 2500	NA
			n-Propylbenzene	8240/60	ug/l	NA	NA	NA	< 500	< 500	< 200	< 200	< 500	< 250	< 2500	< 1000	75	< 2500	NA
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	< 500	< 500	< 200	< 200	< 500	NA	NA	< 1000	220	< 2500	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0048	MBFB	pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0049	Water Table/MBFB	VOCs	1,1,2-Trichloroethane	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 10	< 3	< 5	< 5	28	< 25	< 10	< 10	< 1.0	< 1.0
			1,1-Dichloroethane	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 20	< 5	< 10	< 10	< 10	< 25	< 10	< 10	47	< 1.0
			1,1-Dichloroethene	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 10	< 3	< 5	< 5	< 10	< 25	< 10	< 10	11	1.3
			1,2,4-Trichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 25	NA	< 10	< 1.0	3.6
				8270	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	NA	NA	NA
			1,2,4-Trimethylbenzene	8240/60	ug/l	NA	NA	NA	84	< 20	< 5	< 10	< 10	< 10	< 25	< 10	< 10	< 1.0	< 1.0
			1,2-Dichlorobenzene	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 20	< 5	< 10	< 10	< 10	< 25	< 10	< 10	NA	3.9
				8270	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	NA	NA	NA
			1,2-Dichloroethane	8010/21	ug/l	NA	NA	NA	79	110	NA	170	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	69	150	190	180	260	220	310	330	430	21	280
			1,2-Dichloropropane	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 10	< 3	< 5	< 5	< 10	< 25	< 10	< 10	< 1.0	< 1.0
			1,3,5-Trimethylbenzene	8240/60	ug/l	NA	NA	NA	< 10	< 20	28	< 10	< 10	< 10	< 25	< 10	< 10	< 1.0	< 1.0
			1,3-Dichlorobenzene	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 20	< 5	< 10	< 10	< 10	< 25	< 10	< 10	< 1.0	< 1.0
				8270	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 5	2.0	< 10	< 10	NA	NA	NA
			1,4-Dichlorobenzene	8010/21	ug/l	NA	NA	NA	13	< 10	NA	< 6.2	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 20	< 5	< 10	< 10	< 10	< 25	< 10	< 10	10	11
				8270	ug/l	NA	NA	NA	6.3	< 5	< 5	< 5	< 5	1.8	< 10	< 10	NA	NA	NA
			Acetone	8240/60	ug/l	NA	NA	NA	< 100	< 200	< 50	< 100	140	< 100	< 50	< 100	< 100	< 50	< 20
			Benzene	8240/60	ug/l	NA	NA	NA	170	160	67	68	57	50	92	54	31	1.7	39
			Chlorobenzene	8010/21	ug/l	NA	NA	NA	2100	1800	NA	820	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	1900	1900	780	830	900	680	710	550	520	7.8	2900
			Chloroform	8010/21	ug/l	NA	NA	NA	6.2	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 10	< 3	< 5	< 5	8.1	19	8.3	< 10	< 1.0	< 1.0
			Chloromethane	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 20	< 5	< 10	19	< 20	< 25	< 20	< 100	< 10	< 10
			Cyclohexane	8240/60	ug/l	NA	NA	NA	210	260	190	200	240	210	210	NA	NA	NA	130
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	66	98	54	29	11	71	110	6.2	2.0	< 1.0	6.5
			Isopropylbenzene	8240/60	ug/l	NA	NA	NA	17	22	11	< 10	11	13	15	9.4	9.6	< 1.0	7.2

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0049	Water Table/MBFB	VOCs	Methyl Ethyl Ketone	8240/60	ug/l	NA	NA	NA	< 50	< 100	< 30	< 50	< 50	< 100	< 50	< 50	< 100	< 10	10
			Tetrachloroethene	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 20	< 5	< 10	< 10	2.6	< 25	< 10	5.4	11	61
			Toluene	8240/60	ug/l	NA	NA	NA	< 10	< 20	< 5	< 10	< 10	3.2	< 25	4.7	3.9	< 1.0	3.5
			Trichloroethene	8010/21	ug/l	NA	NA	NA	6.1	< 10	NA	25	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 20	22	25	29	34	45	52	53	30	91
			Vinyl chloride	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 10	< 3	< 5	< 5	< 20	< 25	< 20	< 5.0	13	< 0.50
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	15	36	10	< 10	< 10	3.6	< 25	< 10	1.7	NA	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 20	< 5	< 10	< 10	< 5.0	< 25	< 10	< 10	100	3.5
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	2.8
			n-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 1.0	4.6
			n-Propylbenzene	8240/60	ug/l	NA	NA	NA	13	< 20	5.4	< 10	< 10	9.2	< 25	< 10	< 10	< 1.0	< 1.0
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	< 10	< 20	< 5	< 10	< 10	NA	NA	6.3	4.1	NA	5.6
			trans-1,2-Dichloroethene	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	< 5	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 20	< 5	< 10	< 10	< 5.0	< 25	< 10	< 10	2.4	< 1.0
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	26000	16000	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0050	MBFB	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	NA	NA	NA	< 1000	< 500	< 500	< 500	< 500	< 500	< 2500	< 500	< 500	34	NA
			1,2-Dichloroethane	8010/21	ug/l	NA	NA	NA	< 5	57	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 500	< 300	< 300	< 300	< 300	< 500	NA	< 500	< 250	< 100	NA
			Benzene	8240/60	ug/l	NA	NA	NA	53000	82000	75000	69000	74000	46000	62000	46000	84000	78000	NA
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	< 1000	2300	2000	1600	1300	1200	< 2500	690	720	1200	NA
			Naphthalene	8240/60	ug/l	NA	NA	NA	< 1000	< 500	< 500	< 500	< 500	< 500	< 2500	< 500	< 5000	< 2000	NA
				8270	ug/l	NA	NA	NA	160	270	390	320	66	150	85	54	NA	NA	NA
			Toluene	8240/60	ug/l	NA	NA	NA	< 1000	940	880	< 500	< 500	120	< 2500	< 500	< 500	65	NA
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	< 1000	1400	990	670	510	220	< 2500	< 500	< 500	NA	NA
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84	NA
			o-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37	NA
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0051	Water Table	VOCs	1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	< 5.0	0.30	< 1.0	< 0.5	(<1.0)
			Benzene	8240/60	ug/l	NA	NA	NA	8.7	8.7	< 0.5	8.4	7.9	12	< 5.0	0.61	0.57	< 4.0	(<0.50)
			Chloroform	8240/60	ug/l	NA	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	< 5.0	< 1.0	< 1.0	0.38	(<1.0)
			Cyclohexane	8240/60	ug/l	NA	NA	NA	< 10	35	< 10	< 10	11	< 20	< 10	NA	NA	NA	(<1.0)

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0051	Water Table	VOCs	Ethylbenzene	8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	1.3	< 5.0	< 1.0	< 1.0	0.26	(<1.0)
			Naphthalene	8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	2.2	< 2.0	< 5.0	< 1.0	< 10	< 10	(<10)
				8270	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 5	< 10	< 9.5	NA	NA	NA	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	100	130	76	130	130	110	83	91	39	25	(9.1)
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	1.0	< 5.0	< 1.0	< 1.0	NA	(<1.0)
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	1.1	2.9	< 1	3.7	3.0	3.0	3.6	3.1	2.3	3.3	(<1.0)
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10)
SWL0052	MBFB	VOCs	Acetone	8240/60	ug/l	NA	NA	NA	12	< 10	< 10	< 10	< 10	< 10	< 2.0	< 10	< 10	< 50	NA
			Freon 11	8010/21	ug/l	NA	NA	NA	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	0.54	0.55	< 2.0	< 10	< 10	NA
			Freon 12	8240/60	ug/l	NA	NA	NA	12	12	11	18	7.1	9.0	9.0	< 2.0	5.3	5.1	NA
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	0.56	NA
			Tetrachloroethene	8010/21	ug/l	NA	NA	NA	3.8	3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	3.4	3.8	< 1	3.8	3.3	4.7	3.6	< 1.0	< 3.0	2.1	NA
			Trichloroethene	8010/21	ug/l	NA	NA	NA	< 0.5	0.53	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	1.2	1.0	1.4	0.95	< 1.0	0.56	0.64	NA
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0053	MBFC	VOCs	Chloromethane	8010/21	ug/l	NA	NA	NA	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	0.31	< 1.0	< 2.0	< 10	< 10	< 10
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	< 1	1.4	< 1	2.3	1.0	0.23	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Freon 11	8010/21	ug/l	NA	NA	NA	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 2.0	< 1.0	0.48	< 10	< 10	< 10
			Freon 12	8240/60	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 5	< 2.0	< 1.0	9.2	< 1.0	< 1.0	3.8
			Methylene chloride	8010/21	ug/l	NA	NA	NA	< 2	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 5.0	0.72	< 1.0	< 10	< 10	< 10
			Tetrachloroethene	8010/21	ug/l	NA	NA	NA	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	4.0	< 1.0	< 1.0	1.2
			Trichloroethene	8010/21	ug/l	NA	NA	NA	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	0.91	< 1.0	< 1.0	< 1.0
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0054	MBFC	VOCs	1,1-Dichloroethane	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 10	< 20	< 25	< 100	< 500	< 200	2.0	< 1.0
			1,1-Dichloroethene	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	16	25	19	28	< 10	23	42	450	< 200	44	18

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0054	MBFC	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	14	16	< 5	11	< 10	6.7	5.5	12	< 100	1.8	1.3
			Chloroform	8010/21	ug/l	NA	NA	NA	6.2	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 10	< 25	< 100	< 500	< 200	NA	1.0
			Methylene chloride	8010/21	ug/l	NA	NA	NA	< 20	< 40	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 10	< 20	< 120	< 100	< 500	< 2000	14	< 10
			Tetrachloroethene	8010/21	ug/l	NA	NA	NA	510	630	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	340	450	360	460	430	350	660	8700	1100	440	190
			Trichloroethene	8010/21	ug/l	NA	NA	NA	1200	1900	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	1100	1500	1200	1500	1800	1300	2300	31000	3600	2100	1100
			Vinyl chloride	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 10	< 50	< 100	< 1000	< 100	2.7	1.9
			cis-1,2-Dichloroethene	8010/21	ug/l	NA	NA	NA	16	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 10	< 20	14	31	250	< 200	80	190
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 10	< 20	NA	NA	< 500	< 200	5.2	1.4
			trans-1,2-Dichloroethene	8010/21	ug/l	NA	NA	NA	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 10	< 20	< 12	< 100	< 500	< 200	2.9	3.0
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0055	MBFC	VOCs	Acetone	8240/60	ug/l	NA	NA	NA	< 500	< 500	< 500	< 500	< 500	< 500	< 50	< 10	18	< 50	< 20
			Benzene	8240/60	ug/l	NA	NA	NA	8800	4600	5300	8000	4800	3300	640	39	0.31	NA	< 0.50
			Chloroethane	8010/21	ug/l	NA	NA	NA	< 0.5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 50	< 50	< 50	< 50	< 50	< 100	< 25	< 2.0	0.68	< 1.0	< 5.0
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	400	290	210	200	62	31	< 25	0.33	< 1.0	< 1.0	< 1.0
			Methyl Ethyl Ketone	8240/60	ug/l	NA	NA	NA	< 300	< 300	< 300	< 300	< 300	< 500	< 50	< 5.0	7.6	< 10	< 10
			Naphthalene	8240/60	ug/l	NA	NA	NA	< 50	< 50	< 50	< 50	< 50	< 50	< 25	< 1.0	< 10	< 10	< 10
				8270	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 5	1.5	< 9.5	NA	NA	NA	NA
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	< 50	< 50	< 50	< 50	< 50	NA	NA	0.34	0.35	NA	< 1.0
			tert-Butylbenzene	8240/60	ug/l	NA	NA	NA	< 50	< 50	< 50	< 50	< 50	< 50	< 25	< 1.0	0.30	NA	< 1.0
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	150	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210
SWL0056	MBFB	VOCs	Bromoform	8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	0.28	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Naphthalene	8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1.0	2.6	< 1.0	< 10	< 10	< 10
				8270	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 5	< 10	< 9.5	NA	NA	NA	NA
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	NA	NA	0.49	0.20	< 1.0	< 1.0
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0056	MBFB	TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0057	Water Table	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	NA	NA	NA	< 2	15	< 1	18	2.1	0.20	< 1.0	1.4	< 1.0	< 1.0	< 1.0
			1,3,5-Trimethylbenzene	8240/60	ug/l	NA	NA	NA	< 2	< 1	< 1	< 1	< 1	0.14	< 1.0	< 1.0	0.12	< 1.0	< 1.0
			Acetone	8240/60	ug/l	NA	NA	NA	< 20	< 12	< 10	< 10	< 10	< 10	< 2.0	< 10	4.3	< 50	< 20
			Benzene	8240/60	ug/l	NA	NA	NA	46	6.6	6.2	< 0.5	6.1	1.6	1.1	0.42	< 0.50	< 0.50	< 0.50
			Chloroform	8240/60	ug/l	NA	NA	NA	< 1	< 0.5	< 0.5	< 0.5	< 0.5	0.20	0.76	< 1.0	< 1.0	< 1.0	< 1.0
			Cyclohexane	8240/60	ug/l	NA	NA	NA	110	< 10	40	50	49	24	26	NA	NA	NA	10
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	2.6	< 1	< 1	< 1	< 1	0.34	0.57	0.38	0.27	NA	< 1.0
			Isopropylbenzene	8240/60	ug/l	NA	NA	NA	11	4.4	3.8	6.6	6.3	5.6	8.1	6.8	5.1	5.2	3.3
			Methyl Ethyl Ketone	8240/60	ug/l	NA	NA	NA	< 10	< 5	25	< 5	< 5	< 10	< 2.0	< 5.0	< 10	< 10	< 10
			Methylene chloride	8240/60	ug/l	NA	NA	NA	< 4.5	< 1	< 1	< 1	< 1	1.0	0.61	< 1.0	< 10.0	< 10	< 10
			Naphthalene	8240/60	ug/l	NA	NA	NA	350	79	76	73	59	37	32	25	15	14	< 10
				8270	ug/l	NA	NA	NA	43	43	46	40.0	53	23	29	NA	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	8.3	1.6	1.7	3.3	3.3	0.54	< 1.0	< 1.0	< 1.0	NA	NA
			n-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.88	1.2	< 1.0
			n-Propylbenzene	8240/60	ug/l	NA	NA	NA	18	3.2	3.8	7.4	6.6	6.1	9.8	8.3	5.9	6.4	4.4
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	3.6	2.3	2.3	2.9	3.0	NA	NA	3.0	2.1	2.6	1.8
			tert-Butylbenzene	8240/60	ug/l	NA	NA	NA	< 2	< 1	< 1	< 1	< 1	0.13	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0058	MBFC	VOCs	1,1-Dichloroethene	8010/21	ug/l	NA	NA	NA	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 5	< 5	< 10	< 5	< 25	< 50	NA	< 5.0	1.9	NA
			1,2-Dichlorobenzene	8010/21	ug/l	NA	NA	NA	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 20	< 10	< 25	< 50	NA	< 5.0	0.39	NA
				8270	ug/l	NA	NA	NA	< 5	< 5	< 5	< 5	< 5	< 10	< 9.5	NA	NA	NA	NA
			1,2-Dichloroethane	8010/21	ug/l	NA	NA	NA	8.5	14	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	12	17	12	< 10	< 5	< 25	20	NA	9.5	6.8	NA
			1,4-Dichlorobenzene	8010/21	ug/l	NA	NA	NA	11	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 20	< 10	7.8	9.1	NA	3.5	2.4	NA
				8270	ug/l	NA	NA	NA	< 5	< 5	6.3	5.2	6.8	3.7	< 9.5	NA	NA	NA	NA
			Benzene	8240/60	ug/l	NA	NA	NA	< 5	< 5	< 5	< 10	< 5	3.0	2.5	NA	1.5	< 1.1	NA
			Chlorobenzene	8010/21	ug/l	NA	NA	NA	1200	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	1300	1500	1100	1300	1100	1500	1100	NA	740	360	NA
			Chloroform	8010/21	ug/l	NA	NA	NA	< 5	5.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 5	< 5	< 5	< 10	< 5	< 25	< 50	NA	< 5.0	< 2.0	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0058	MBFC	VOCs	Isopropylbenzene	8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 20	< 10	< 25	< 50	NA	< 5.0	0.54	NA
			Tetrachloroethene	8010/21	ug/l	NA	NA	NA	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 20	< 10	< 25	< 50	NA	9.8	13	NA
			Trichloroethene	8010/21	ug/l	NA	NA	NA	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 20	< 10	< 25	< 50	NA	39	64	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	NA	NA	NA	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 20	< 10	< 12	< 50	NA	< 5.0	1.4	NA
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	0.83	2.0	NA
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	6700	7000	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWL0059	Water Table	VOCs	1,1-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5	NA
			1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10	NA
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.3	NA
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.1	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	690	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26	NA
SWL0060	MBFB/MBFC	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11	15
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7
			Toluene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	3.3
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13000/13000
SWL0061	MBFC	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
SWL0063	Gage	VOCs	1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7	3.0
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	550	460
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28	34
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	18
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.2	13
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0064	MBFC	VOCs	1,1-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.8	NA
			1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19	NA
			1,2-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.25	NA
			1,4-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36	NA
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5	NA
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
SWL0064	MBFC	VOCs	Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	240	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1100	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16	NA
SWL0065	MBFC	VOCs	Acetone	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190000	95000
			Cyclohexane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17
			Ethanol	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	250
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16000	14000
			Isopropylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54	39
			Toluene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190	95
			n-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	20
			n-Propylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36	26
			o-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	1.2
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	56	45
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0066	Gage	VOCs	1,1-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.35	NA
			1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9	NA
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29	NA
			Methylene chloride	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	300	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.4	NA
SWL0067	Gage	VOCs	1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	310	470
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.8	16
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
SWL0068	Water Table	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Methyl Ethyl Ketone	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Styrene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Toluene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			o-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17000

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XBF-01	MBFC	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA	NA
XBF-02	MBFC	VOCs	Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(47000)	(60000)	(77000)
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<200)	(790)	(680)
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<5000)
XBF-03	MBFC	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
XBF-04	MBFC	VOCs	1,2-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	< 300	< 200	NA	NA	< 100	< 250	< 1000	< 250	(<200)	NA	NA
				8270	ug/l	NA	NA	NA	5.5	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,3-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	< 300	< 200	NA	NA	< 100	40	< 1000	< 250	(<200)	NA	NA
				8270	ug/l	NA	NA	NA	< 5	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,4-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	< 300	< 200	NA	NA	< 100	41	< 1000	< 250	(<200)	NA	NA
				8270	ug/l	NA	NA	NA	38	46	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	NA	NA	NA	61	< 100	NA	NA	23	33	41	56	(<200)	NA	NA
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	21000	13000	NA	NA	17000	18000	18000	18000	NA	NA	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	< 300	< 200	NA	NA	110	120	< 1000	160	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	44000	42000	NA	NA	NA	NA	NA	NA	NA	NA	NA
XBF-05	MBFC	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	< 5	< 5	< 1	< 1	NA	NA	NA	< 1	0.11	< 1.0	< 1.0	(<2)	(<2.0)	NA
			Chlorobenzene	8240/60	ug/l	320	220	94	48	NA	NA	NA	5.9	11	4.6	4.0	NA	NA	NA
			Toluene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	< 0.5	< 1.0	< 0.50	< 1.0	(<2)	(<2.0)	NA
		pCBSA	pCBSA	300.0	ug/l	930	240	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
XBF-06	MBFC	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	< 200	35	< 200	< 200	< 300	NA	NA	< 200	50	< 1000	< 250	(65)	NA	(<120)
				8270	ug/l	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Acetone	8240/60	ug/l	< 2000	< 500	< 2000	2300	< 3000	NA	NA	< 2000	< 5000	< 2000	< 2500	(<200)	NA	(<2500)
			Benzene	8240/60	ug/l	160	140	180	110	160	NA	NA	< 100	240	< 1000	170	(220)	NA	(<120)
			Chlorobenzene	8240/60	ug/l	22000	9300	2500	19000	25000	NA	NA	26000	26000	23000	25000	(26000)	NA	(9100)
			Ethylbenzene	8240/60	ug/l	< 200	< 50	< 200	< 200	< 300	NA	NA	380	< 500	< 1000	< 250	(<40)	NA	(<120)
			Toluene	8240/60	ug/l	< 0.5	3.5	< 20	0.51	< 0.5	NA	NA	< 200	< 500	< 1000	< 250	(<40)	NA	(<120)
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(70)	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	< 200	< 50	< 200	< 200	< 300	NA	NA	< 200	< 500	< 1000	< 250	(<40)	NA	NA
		pCBSA	pCBSA	300.0	ug/l	89000	77000	80000	80000	75000	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<2500)
XBF-07	MBFC	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	< 200	100	< 200	< 500	< 500	NA	NA	NA	NA	NA	NA	(<100)	(<400)	NA
			Acetone	8240/60	ug/l	< 2000	< 5000	< 2000	18000	< 5000	NA	NA	NA	NA	NA	NA	(<500)	(<2000)	NA
			Benzene	8240/60	ug/l	54	59	3.8	54	69	NA	NA	NA	NA	NA	NA	(<100)	(<400)	NA
			Chlorobenzene	8240/60	ug/l	27000	30000	34000	22000	32000	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Toluene	8240/60	ug/l	< 0.5	0.94	< 10	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	(<100)	(<400)	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XBF-07	MBFC	VOCs	Trichloroethene	8240/60	ug/l	220	< 500	< 200	< 500	< 500	NA	NA	NA	NA	NA	NA	NA	(<400)	NA
XBF-09	MBFC	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA	NA
XBF-10	MBFC	VOCs	Acetone	8240/60	ug/l	< 10	11	< 10	< 10	< 10	NA	NA	< 10	< 10	< 2.0	< 10	(<10)	(<10)	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
XBF-13	MBFC	VOCs	1,2-Dichloroethane	8010/21	ug/l	< 50	< 3	< 50	< 0.5	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	< 100	< 100	< 50	340	NA	NA	< 100	< 500	NA	< 120	NA	NA	NA
			Acetone	8240/60	ug/l	< 2000	< 2000	< 2000	1100	< 2000	NA	NA	< 2000	< 5000	< 1000	< 1200	NA	NA	NA
			Benzene	8240/60	ug/l	19000	25000	19000	15000	21000	NA	NA	20000	22000	19000	8700	NA	NA	NA
			Bromochloromethane	8010/21	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chlorobenzene	8010/21	ug/l	< 50	< 3	< 50	< 0.5	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 200	< 200	< 200	< 100	< 30	NA	NA	< 200	170	< 500	< 120	NA	NA	NA
			Chloroform	8010/21	ug/l	< 50	< 3	< 50	< 0.5	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	110	< 100	< 50	< 100	NA	NA	< 100	< 500	< 500	< 120	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	540	610	580	310	480	NA	NA	530	640	530	590	NA	NA	NA
			Methylene chloride	8010/21	ug/l	< 50	< 3	< 56	< 2	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 200	< 200	< 200	< 100	< 200	NA	NA	< 200	< 2500	< 500	< 120	NA	NA	NA
			Naphthalene	8240/60	ug/l	< 200	< 200	< 200	< 100	< 200	NA	NA	< 200	< 500	< 500	< 120	NA	NA	NA
				8270	ug/l	13	12	7.5	8.8	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	< 200	< 200	< 200	< 100	< 200	NA	NA	< 200	520	< 500	< 120	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	1200	< 100	840	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49
XBF-14	MBFC	VOCs	1,2-Dichlorobenzene	8010/21	ug/l	< 10	< 20	38	< 20	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	< 20	< 20	< 20	< 30	NA	NA	< 20	< 50	< 100	< 50	(<2)	NA	NA
			1,4-Dichlorobenzene	8010/21	ug/l	< 10	< 20	< 20	< 20	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	12	< 20	< 20	< 30	NA	NA	< 20	16	< 100	< 50	NA	NA	NA
			Acetone	8240/60	ug/l	< 200	380	< 520	< 310	< 300	NA	NA	< 200	< 500	< 200	< 500	(<10)	NA	NA
			Benzene	8240/60	ug/l	7.5	8.7	5.0	5.4	7.5	NA	NA	< 10	16	11	7.5	(<2)	NA	NA
			Chlorobenzene	8010/21	ug/l	2600	4100	3100	3300	2800	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	2400	3400	2600	2300	3700	NA	NA	3000	3400	2300	2700	NA	NA	NA
			Chloromethane	8010/21	ug/l	< 10	< 20	< 20	< 20	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	< 20	190	< 20	< 30	NA	NA	< 20	< 100	< 100	< 100	(<1.5)	NA	NA
			Methylene chloride	8010/21	ug/l	< 10	< 20	< 58	< 50	< 40	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	< 20	< 20	< 20	< 30	NA	NA	< 20	< 250	< 100	< 50	(<5)	NA	NA
			Tetrachloroethene	8010/21	ug/l	16	< 20	31	44	26	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 20	20	< 20	23	25	NA	NA	22	14	< 100	< 50	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XBF-14	MBFC	VOCs	Toluene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 20	< 1.0	< 25	< 1.0	(<2)	NA	NA
		pCBSA	pCBSA	300.0	ug/l	28000	29000	23000	26000	23000	NA	NA	NA	NA	NA	NA	NA	NA	NA
XBF-15	MBFC	VOCs	1,2-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	< 500	< 300	NA	NA	< 200	< 250	< 620	< 250	(<20)	(<100)	(<50)
				8270	ug/l	NA	NA	NA	7.1	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichloroethane	8240/60	ug/l	NA	NA	NA	< 300	< 200	NA	NA	< 100	< 250	< 620	< 250	(<5)	(<25)	(89)
			1,4-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	< 500	< 300	NA	NA	< 200	70	86	89	(38)	(<100)	(<50)
				8270	ug/l	NA	NA	NA	47	52	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	NA	NA	NA	27	31	NA	NA	< 100	31	30	34	(37)	(<100)	(<50)
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	30000	25000	NA	NA	22000	19000	21000	19000	(8300)	(5700)	(9900)
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	< 500	< 300	NA	NA	< 200	170	360	490	(80)	(<100)	(80)
			Toluene	8240/60	ug/l	NA	NA	NA	< 0.5	< 0.5	NA	NA	< 200	< 1.0	0.64	< 1.0	(<20)	(<100)	(<50)
			Trichloroethene	8240/60	ug/l	NA	NA	NA	< 500	< 300	NA	NA	< 200	55	< 620	< 250	(<20)	(<100)	(<50)
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	110000	98000	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<1000)
XBF-19	MBFC	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	(<2)	2.5	NA
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
XBF-20	MBFC	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
XBF-23	MBFC	VOCs	2-Hexanone	8240/60	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	< 2.0	< 5.0	7.7	< 10	NA
			Carbon disulfide	8240/60	ug/l	< 2	< 2	< 2	< 2	< 2	NA	NA	< 2	< 10	< 2.0	< 1.0	0.86	< 10	NA
			Chlorobenzene	8240/60	ug/l	21	15	14	12	18	NA	NA	11	11	5.7	4.3	2.9	1.3	NA
			Toluene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
			tert-Butylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	0.17	< 1.0	< 1.0	< 1.0	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	< 100	220	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
XBF-34	MBFC	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA
XBF-35	MBFC	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA
XBF-EW-1	MBFC	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(53/<100)
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(190/<100)
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(26000/4000)
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(68/<100)
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<500/<2000)
XDA-1B	Gage	VOCs	1,1-Dichloroethene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
			Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	0.61	0.46	0.46	1.1	NA	NA
			Carbon Tetrachloride	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	< 0.50	NA	NA
			Freon 11	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 2.0	< 1.0	< 2.0	< 10	NA	NA
			Methylene chloride	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 5.0	0.41	< 1.0	< 10	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XDA-1B	Gage	VOCs	Naphthalene	8240/60	ug/l	< 1	< 1	< 1	1.1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 10	NA	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
XG-01	Gage	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA	NA
XG-01WC	MBFB	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	0.24	< 2.0	< 2.0	< 10	< 1.0	< 1.0
			1,3,5-Trimethylbenzene	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	1.7	< 2.0	6.2	< 10	< 1.0	< 1.0
			Benzene	8240/60	ug/l	NA	21	1.7	2.9	3.2	NA	NA	4.7	7.5	7.2	9.3	5.9	3.5	< 0.50
			Carbon disulfide	8240/60	ug/l	NA	< 2	2.4	< 2	< 2	NA	NA	< 2	< 10	< 4.0	< 2.0	< 100	< 10	< 10
			Chloroform	8240/60	ug/l	NA	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	0.44	< 2.0	< 2.0	< 10	< 1.0	< 1.0
			Cyclohexane	8240/60	ug/l	NA	19	38	87	82	NA	NA	73	74	59	NA	NA	NA	< 10
			Ethylbenzene	8240/60	ug/l	NA	3.7	4.3	3.2	7.0	NA	NA	12	38	54	120	110	100	9.8
			Isopropylbenzene	8240/60	ug/l	NA	3.0	3.9	7.4	9.3	NA	NA	9.2	14	19	15	10	13	8.1
			Methylene chloride	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	1.8	< 2.0	< 2.0	< 100	< 10	< 10
			Naphthalene	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	0.39	< 2.0	< 100	< 10	< 10
			Styrene	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	0.13	< 2.0	< 2.0	< 10	< 1.0	< 1.0
			Toluene	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	0.57	0.64	1.0	< 10	NA	< 1.0
			Xylenes (Ttl)	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	32	< 2.0	< 2.0	< 10	NA	NA
			n-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	2.8	1.3
			n-Propylbenzene	8240/60	ug/l	NA	< 1	< 1	2.0	2.7	NA	NA	2.6	4.9	6.9	9.7	11	12	3.9
			sec-Butylbenzene	8240/60	ug/l	NA	1.9	2.1	4.1	5.8	NA	NA	4.5	NA	NA	6.2	3.4	4.7	6.6
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200
XG-02	Gage	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
XG-02WC	MBFB	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	1.5	5.1
			Benzene	8240/60	ug/l	NA	13	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	< 0.50	< 1.1	0.93
			Chlorobenzene	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	38	540	1200
			Chloroform	8240/60	ug/l	NA	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	0.59	< 0.74	1.4
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
XG-03	Gage	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA	NA
XG-04	Gage	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	< 5	< 100	< 5	< 5	< 5	NA	NA	< 1	0.85	< 5.0	0.49	(<2)	(<2.0)	NA
			Acetone	8240/60	ug/l	< 50	< 1000	< 50	92	< 50	NA	NA	28	NA	< 10	< 10	(<10)	(<10)	NA
			Benzene	8240/60	ug/l	0.99	0.59	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 2.0	< 5.0	< 1.0	(<2)	(<2.0)	NA
			Chlorobenzene	8240/60	ug/l	620	1100	700	550	380	NA	NA	160	110	120	67	NA	NA	NA
			Naphthalene	8240/60	ug/l	< 5	< 100	< 5	< 5	< 5	NA	NA	3.3	< 2.0	< 5.0	< 1.0	(<5)	(<5.0)	NA
			Toluene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 1	< 2.0	< 5.0	< 1.0	(<2)	(<2.0)	NA
			Trichloroethene	8240/60	ug/l	< 5	< 100	< 5	< 5	< 5	NA	NA	< 1	0.83	3.8	8.1	NA	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	< 5	< 100	< 5	< 5	< 5	NA	NA	< 1	< 1.0	< 5.0	0.48	(<2)	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XG-04	Gage	pCBSA	pCBSA	300.0	ug/l	3700	3600	NA	3100	1500	NA	NA	NA	NA	NA	NA	NA	NA	NA
XG-05	Gage	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	< 50	< 100	< 100	< 100	< 50	NA	NA	< 50	20	< 250	< 50	NA	NA	NA
			Acetone	8240/60	ug/l	< 500	1200	< 1000	< 1000	< 500	NA	NA	< 500	< 1000	< 500	< 500	(<10)	NA	NA
			Benzene	8240/60	ug/l	6.8	6.7	< 10	4.7	5.7	NA	NA	< 30	4.8	4.5	3.4	NA	NA	NA
			Chlorobenzene	8240/60	ug/l	8300	7600	6600	6900	5600	NA	NA	5400	6300	5000	3800	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	26000	23000	25000	25000	23000	NA	NA	NA	NA	NA	NA	NA	NA	NA
XG-06	Gage	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	< 20	< 20	< 20	< 50	< 50	NA	NA	< 30	69	< 100	< 50	(<10)	(<40)	(<10/<10)
			2-Chlorotoluene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	< 500	NA	NA	(<25)	(<100)	(<10/10)
			Acetone	8240/60	ug/l	< 200	470	< 200	< 500	< 500	NA	NA	< 300	< 5000	< 200	< 500	(<50)	(<200)	(<200/<200)
			Benzene	8240/60	ug/l	2.0	2.4	6.5	1.3	1.5	NA	NA	< 20	96	2.2	1.7	(<10)	(<40)	(<10/<10)
			Chlorobenzene	8240/60	ug/l	2600	3500	3200	2900	2900	NA	NA	2900	33000	3000	2700	(2000)	(3100)	(1500/620)
			Methylene chloride	8240/60	ug/l	< 20	< 20	< 20	< 50	120	NA	NA	< 30	< 2500	< 100	< 50	(<25)	(<100)	(<20/<20)
			Trichloroethene	8240/60	ug/l	< 20	< 20	< 20	< 50	< 50	NA	NA	< 30	140	< 100	< 50	(<10)	(<40)	(<10/<10)
		pCBSA	pCBSA	300.0	ug/l	20000	20000	< 100	23000	22000	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<200/<200)
XG-08	Gage	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	< 5	< 10	< 2	< 5	< 5	NA	NA	< 10	7.6	< 250	< 50	(<2)	(<4.0)	NA
			Acetone	8240/60	ug/l	< 50	< 100	< 20	110	< 50	NA	NA	< 100	< 500	< 500	< 500	(<10)	(<20)	NA
			Benzene	8240/60	ug/l	< 3	< 5	< 1	< 3	< 3	NA	NA	< 5	7.1	7.6	< 1.0	(<2)	(<4.0)	NA
			Chlorobenzene	8240/60	ug/l	280	400	330	220	430	NA	NA	1600	4700	4900	2400	NA	NA	NA
			Cyclohexane	8240/60	ug/l	< 50	< 100	< 20	< 50	< 50	NA	NA	< 100	23	< 500	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	1400	1700	1500	1800	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
XG-09	Gage	VOCs	1,2-Dichloroethane	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	(<0.5)	(<2.5)	(0.6/<1.0)
			Acetone	8240/60	ug/l	< 10	< 10	< 10	11	< 10	NA	NA	< 10	< 10	< 2.0	< 10	(<10)	(<50)	(<20/<10)
			Benzene	8240/60	ug/l	1.0	< 0.5	0.57	< 0.5	< 0.5	NA	NA	< 0.5	0.32	0.59	1.4	(3.9)	(<10)	(0.94/<1.0)
			Chlorobenzene	8240/60	ug/l	1.1	< 1	< 1	< 1	< 1	NA	NA	1.1	5.8	15	83	(370)	(540)	(66/73)
			Ethylbenzene	8240/60	ug/l	12	8.6	7.8	4.0	5.9	NA	NA	5.6	7.4	9.6	19	(16)	(<10)	(<0.50/<1.0)
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.11	< 1.0	0.29	(<2)	(<10)	(<0.50/<1.0)
			Xylenes (Ttl)	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	6.1	< 1.0	< 1.0	(<2)	(<10)	(<1.0)
		pCBSA	pCBSA	300.0	ug/l	720	770	620	670	210	NA	NA	NA	NA	NA	NA	NA	NA	(12000/2500)
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10/<20)
XG-11	Gage	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	(<2)	(<2.0)	NA
			Chlorobenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.82	1.2	< 1.0	(15)	(20)	NA
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.18	< 1.0	< 1.0	(<2)	(<2.0)	NA
			Naphthalene	8240/60	ug/l	< 1	< 1	< 1	1.7	< 1	NA	NA	< 1	< 1.0	< 1.0	0.74	(<5)	(<5.0)	NA
				8270	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XG-11	Gage	pCBSA	pCBSA	300.0	ug/l	360	400	380	480	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
XG-12	Gage	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	< 20	3.8	< 10	< 10	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8270	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Acetone	8240/60	ug/l	< 200	100	< 100	240	< 300	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	31	24	23	19	19	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chlorobenzene	8240/60	ug/l	1200	1600	1400	1100	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Naphthalene	8240/60	ug/l	< 20	< 10	< 10	13	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8270	ug/l	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Toluene	8240/60	ug/l	< 0.5	< 0.5	< 3	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	< 20	< 10	60	< 10	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	17000	17000	18000	18000	15000	NA	NA	NA	NA	NA	NA	NA	NA	NA
XG-13	Gage	VOCs	All Analytes			ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
		pCBSA	pCBSA	300.0	ug/l	24000	24000	24000	25000	23000	NA	NA	NA	NA	NA	NA	NA	NA	NA
XG-14	Gage	VOCs	Trichloroethene	8240/60	ug/l	61	54	58	54	86	NA	NA	130	240	180	180	120	95	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	1.7	< 10	4.4	12	5.1	NA
		pCBSA	pCBSA	300.0	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
XG-15	Gage	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA	NA
XG-16	Gage	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
XG-17	Gage	VOCs	Acetone	8240/60	ug/l	< 100	< 50	< 20	130	< 50	NA	NA	< 20	< 50	< 50	< 50	(<10)	(<25)	NA
			Benzene	8240/60	ug/l	1.4	1.4	1.1	1.4	0.96	NA	NA	< 1	1.3	< 25	1.5	(<2)	(<5.0)	NA
			Chlorobenzene	8240/60	ug/l	320	320	310	220	330	NA	NA	250	270	390	280	NA	NA	NA
			Methylene chloride	8240/60	ug/l	< 10	< 5	< 2	< 5	< 5	NA	NA	< 2	< 25	< 25	< 5.0	(<5)	(<12)	NA
		pCBSA	pCBSA	300.0	ug/l	5000	4600	4700	4700	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA
XG-18	Gage	VOCs	Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<2)	(<2.0)	(2.9)
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(49)
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10)
XG-19A	Gage	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA
XG-20	Gage	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA
XG-21	Gage	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA
XG-24	Gage	VOCs	1,2-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<40)	(0.96)
			1,2-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10)	(0.86)
			1,4-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<40)	(5.7)
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<40)	(0.87)
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(2300)	(740)

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XG-24	Gage	VOCs	Toluene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<40)	(0.65)
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(15000)
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10)
XG-25	Gage	VOCs	1,2-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(8.8)
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(30)
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(1600)
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10)
XGW-07A	Water Table	VOCs	Tetrachloroethene	8240/60	ug/l	< 1	< 1	1.8	1.0	3.7	NA	NA	2.5	0.99	2.3	0.72	NA	NA	NA
			Toluene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	NA	NA
			Trichloroethene	8240/60	ug/l	1.0	< 1	< 1	< 1	< 1	NA	NA	1.1	< 1.0	1.1	1.6	NA	NA	NA
XGW-07C	MBFB	VOCs	Toluene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
XLG-01	Gage	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
XLG-02	Gage	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA	NA
XMBFB-EW-1	MBFB	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(550)
			1,2-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(280)
			1,3,5-Trimethylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(120)
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(7000)
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(820)
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(920)
			Isopropylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(27)
			Naphthalene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(180)
			Toluene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(30)
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(82)
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(710)
			n-Propylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(70)
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<500)
XMW-01	Water Table/MBFB	VOCs	1,2,4-Trichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<500)	(<5000)	(<1000)
				8270	ug/l	120	100	170	NA	110	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichlorobenzene	8240/60	ug/l	< 500	< 1000	< 500	NA	< 500	NA	NA	NA	NA	NA	NA	(<200)	(<2000)	(<1000)
				8270	ug/l	66	69	86	NA	80	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(130)	(<500)	NA
			1,3-Dichlorobenzene	8240/60	ug/l	< 500	< 1000	< 500	NA	< 500	NA	NA	NA	NA	NA	NA	(<200)	(<2000)	(<1000)
				8270	ug/l	5.4	5.3	< 30	NA	6.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,4-Dichlorobenzene	8240/60	ug/l	< 500	< 1000	< 500	NA	< 500	NA	NA	NA	NA	NA	NA	(280)	(<2000)	(<1000)

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XMW-01	Water Table/MBFB	VOCs	1,4-Dichlorobenzene	8270	ug/l	120	150	170	NA	140	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Acetone	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(4000)	(<10000)	NA
			Benzene	8240/60	ug/l	8400	8800	5900	NA	6900	NA	NA	NA	NA	NA	NA	(4500)	(2700)	(2900)
			Chlorobenzene	8240/60	ug/l	86000	86000	82000	NA	74000	NA	NA	NA	NA	NA	NA	(130000)	(84000)	(130000)
			Chloroform	8240/60	ug/l	16000	21000	11000	NA	15000	NA	NA	NA	NA	NA	NA	(20000)	(9600)	(14000)
			Naphthalene	8240/60	ug/l	< 500	< 1000	< 500	NA	< 500	NA	NA	NA	NA	NA	NA	(<500)	(<5000)	(<2000)
				8270	ug/l	39	< 5	< 30	NA	25	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8240/60	ug/l	4300	4100	4100	NA	3600	NA	NA	NA	NA	NA	NA	(3500)	(<2000)	(1500)
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(210)	(<2000)	NA
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(300)	(<2000)	NA
		pCBSA	pCBSA	300.0	ug/l	NA	180000	100000	NA	160000	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<20000)
XMW-01T	Water Table/MBFB	VOCs	1,1,1-Trichloroethane	8240/60	ug/l	430	< 100	310	280	150	NA	NA	150	< 120	NA	NA	NA	NA	NA
			1,1-Dichloroethane	8240/60	ug/l	5600	2900	6000	4000	3800	NA	NA	6200	3100	NA	NA	NA	NA	NA
			1,1-Dichloroethene	8240/60	ug/l	650	380	730	570	530	NA	NA	1100	770	NA	NA	NA	NA	NA
			1,2-Dichloroethane	8240/60	ug/l	< 30	< 50	58	47	39	NA	NA	59	46	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	60	< 50	< 50	30	< 30	NA	NA	< 30	16	NA	NA	NA	NA	NA
			Chloroform	8240/60	ug/l	< 30	< 50	< 50	< 20	< 30	NA	NA	< 30	14	NA	NA	NA	NA	NA
			Tetrachloroethene	8240/60	ug/l	960	1600	1400	1100	1300	NA	NA	48	1400	NA	NA	NA	NA	NA
			Trichloroethene	8240/60	ug/l	4700	5700	5800	6400	5800	NA	NA	3200	6100	NA	NA	NA	NA	NA
			Vinyl chloride	8240/60	ug/l	100	< 50	110	90	< 30	NA	NA	160	86	NA	NA	NA	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	150	150	170	270	260	NA	NA	270	190	NA	NA	NA	NA	NA
XMW-02HD	Water Table	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	< 5	2.7	< 1	< 1	< 20	NA	NA	< 3	< 10	< 120	< 25	NA	NA	NA
			Acetone	8240/60	ug/l	< 50	140	< 25	< 10	< 200	NA	NA	< 58	< 100	< 280	< 250	NA	NA	NA
			Benzene	8240/60	ug/l	240	50	120	28	640	NA	NA	290	14	3100	970	NA	NA	NA
			Cyclohexane	8240/60	ug/l	< 50	18	13	< 10	< 200	NA	NA	< 30	< 100	< 250	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	< 5	< 1	< 1	< 1	< 20	NA	NA	7.4	1.5	< 120	5.1	NA	NA	NA
			Methylene chloride	8240/60	ug/l	< 5	< 1	< 1	< 1	< 20	NA	NA	12	< 50	< 120	< 25	NA	NA	NA
			Naphthalene	8240/60	ug/l	< 5	2.6	3.0	< 1	< 20	NA	NA	3.0	2.2	< 120	< 25	NA	NA	NA
				8270	ug/l	< 5	< 5	< 5	< 30	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Styrene	8240/60	ug/l	< 5	< 1	< 1	< 1	< 20	NA	NA	< 3	4.0	< 120	< 25	NA	NA	NA
			Toluene	8240/60	ug/l	< 5	7.9	12	5.8	28	NA	NA	11	4.9	< 120	16	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	< 5	< 1	< 1	< 1	< 20	NA	NA	21	20	38	55	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XMW-02T	Water Table/MBFB	VOCs	1,1-Dichloroethene	8240/60	ug/l	28	< 20	46	36	< 30	NA	NA	120	58	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	< 5	< 20	< 20	< 20	< 30	NA	NA	< 30	5.3	NA	NA	NA	NA	NA
			Chloroform	8240/60	ug/l	11	< 20	< 20	< 20	< 30	NA	NA	50	57	NA	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	< 10	< 30	< 30	< 30	61	NA	NA	< 30	< 120	NA	NA	NA	NA	NA
			Tetrachloroethene	8240/60	ug/l	620	990	1100	1200	810	NA	NA	2300	2800	NA	NA	NA	NA	NA
			Trichloroethene	8240/60	ug/l	1700	2600	2900	3200	2300	NA	NA	7400	8300	NA	NA	NA	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	22	32	47	57	< 50	NA	NA	230	400	NA	NA	NA	NA	NA
XMW-03	Water Table/MBFB	VOCs	1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	< 0.5	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Acetone	8240/60	ug/l	NA	NA	NA	< 25	26	NA	NA	NA	NA	NA	NA	(<10)	(<10)	NA
			Benzene	8240/60	ug/l	NA	NA	NA	2.9	3.8	NA	NA	NA	NA	NA	NA	(<2)	(<2.0)	NA
			Chloroform	8240/60	ug/l	NA	NA	NA	9.4	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	22	31	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	17	19	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
XMW-03HD	Water Table	VOCs	1,1,2,2-Tetrachloroethane	8010/21	ug/l	< 5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	3.9	< 1	< 3	< 3	< 0.5	NA	NA	< 20	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	NA
			1,1-Dichloroethene	8010/21	ug/l	< 5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 3	< 1	< 3	< 3	< 0.5	NA	NA	< 20	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	NA
			1,2,4-Trimethylbenzene	8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	< 30	1.1	0.12	0.22	< 5.0	0.53	NA
			Acetone	8240/60	ug/l	< 50	< 20	< 50	< 50	< 15	NA	NA	< 300	< 50	< 3.2	< 10	28	85	NA
			Benzene	8240/60	ug/l	500	170	440	210	41	NA	NA	2100	58	13	3.8	2.2	3.3	NA
			Chlorobenzene	8010/21	ug/l	< 5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	< 30	< 5.0	0.15	< 1.0	< 5.0	< 2.0	NA
			Chloroform	8010/21	ug/l	< 5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 3	< 1	< 3	< 3	< 0.5	NA	NA	< 20	< 5.0	< 1.0	4.1	2.9	2.4	NA
			Dibromochloromethane	8010/21	ug/l	< 5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	< 30	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	NA
			Dichlorobromomethane	8010/21	ug/l	< 5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 3	< 1	< 3	< 3	< 0.5	NA	NA	< 20	16	< 1.0	27	< 5.0	< 2.0	NA
			Ethylbenzene	8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	< 30	2.4	0.72	1.6	1.4	1.9	NA
			Isopropylbenzene	8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	< 30	< 5.0	0.15	< 1.0	< 5.0	< 2.0	NA
			Methyl Ethyl Ketone	8240/60	ug/l	< 30	< 10	< 30	< 30	5.3	NA	NA	< 200	< 50	< 2.0	< 5.0	< 50	< 20	NA
			Methyl isobutyl ketone	8240/60	ug/l	< 20	< 6	< 20	< 20	< 3	NA	NA	< 80	< 50	< 2.0	< 5.0	< 50	< 20	NA
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	2.7	NA
			Methylene chloride	8010/21	ug/l	< 5	0.98	1.4	< 2	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XMW-03HD	Water Table	VOCs	Methylene chloride	8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	< 30	< 25	< 1.0	< 1.0	< 50	< 20	NA
			Naphthalene	8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	< 30	< 5.0	0.22	< 1.0	< 50	1.3	NA
			Styrene	8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	< 30	< 5.0	1.2	< 1.0	1.9	< 2.0	NA
			Tetrachloroethene	8010/21	ug/l	< 5	< 0.5	0.59	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	< 30	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	NA
			Toluene	8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	58	< 5.0	0.72	1.1	< 5.0	< 1.9	NA
			Xylenes (Ttl)	8240/60	ug/l	< 5	< 2	< 5	< 5	< 1	NA	NA	< 30	1.6	4.0	6.3	7.7	NA	NA
			m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	NA
			o-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.49	NA
XMW-04	Water Table/MBFB	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
XMW-04HD	Water Table	VOCs	Benzene	8240/60	ug/l	830000	1200000	930000	960000	980000	NA	NA	900000	800000	890000	670000	310000	430000	NA
			Chloroform	8010/21	ug/l	< 500	< 300	< 200	< 50	< 500	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 3000	< 5000	< 3000	< 3000	< 3000	NA	NA	< 300	< 10000	< 25000	< 10000	< 10000	< 5000	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	< 500	< 300	< 200	< 50	< 500	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 5000	< 10000	< 5000	< 5000	< 5000	NA	NA	< 500	< 5000	< 25000	3400	< 10000	< 5000	NA
XMW-05	Water Table/MBFB	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA	NA
XMW-06	Water Table/MBFB	VOCs	1,1,1,2-Tetrachloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<50)	(<250)	(6.1)
			1,1,2-Trichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(67)	(<100)	(15)
			1,1-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(130)	(110)	(35)
			1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(320)	(360)	(100)
			1,2,3-Trichloropropane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<100)	(<500)	(4.1)
			1,2,4-Trichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<50)	(<250)	(3.3)
			1,2-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(34)	(<100)	(7.9)
			1,2-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(150)	(120)	(37)
			1,2-Dichloropropane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<20)	(<100)	(1.1)
			1,3-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<20)	(<100)	(0.75)
			1,4-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(61)	(<100)	(11)
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(36)	(<100)	(17)
			Carbon Tetrachloride	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(190)	(160)	NA
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(130)	(350)	(26)
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(1900)	(3100)	(2400)
			Chloroprene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(79)
			Di-isopropyl ether (DIPE)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(3.8)

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XMW-06	Water Table/MBFB	VOCs	Dichlorobromomethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<20)	(<100)	(0.87)
			Methylene chloride	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<50)	(<250)	(3.9)
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(8200)	(13000)	(17000)
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(1100)	(1400)	(530)
			Trichlorotrifluoroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(11)
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<20)	(<100)	(1.6)
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(71)	(<100)	(57)
			trans-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<20)	(<100)	(2.6)
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(220)
XMW-08	Water Table/MBFB	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA	NA
XMW-09	Water Table/MBFB	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	NA	NA
XMW-10	Water Table/MBFB	VOCs	1,4-Dichlorobenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 2	NA	NA	< 1	0.27	< 2.0	< 1.0	(<2)	(<2.0)	NA
			Benzene	8240/60	ug/l	< 0.5	0.55	< 0.5	< 0.5	2.6	NA	NA	1.4	1.1	< 2.0	< 1.0	(<2)	(<2.0)	NA
			Chlorobenzene	8240/60	ug/l	97	87	100	3.7	270	NA	NA	180	150	49	26	NA	(<2.0)	NA
			Chloroform	8240/60	ug/l	1.1	20	1.7	2.5	1.4	NA	NA	1.2	1.1	< 2.0	0.65	(<2)	NA	NA
			Tetrachloroethene	8240/60	ug/l	2.2	2.4	2.0	1.5	< 2	NA	NA	1.2	1.2	< 2.0	1.1	(<2)	(<2.0)	NA
			Trichloroethene	8240/60	ug/l	14	8.3	13	9.1	6.4	NA	NA	12	12	12	18	NA	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 2	NA	NA	< 1	0.68	< 2.0	< 1.0	(<2)	(<2.0)	NA
XMW-11	Water Table/MBFB	VOCs	Acetone	8240/60	ug/l	< 200	< 100	< 100	77	< 100	NA	NA	< 50	< 120	< 120	< 250	(<10)	NA	NA
			Benzene	8240/60	ug/l	< 10	8.9	< 5	< 3	7.2	NA	NA	< 3	23	9.0	8.0	NA	NA	NA
			Chlorobenzene	8240/60	ug/l	1200	1200	850	780	510	NA	NA	570	770	920	1400	NA	NA	NA
			Tetrachloroethene	8240/60	ug/l	120	150	97	86	99	NA	NA	78	84	84	120	NA	NA	NA
			Trichloroethene	8240/60	ug/l	< 20	8.8	< 10	5.2	< 10	NA	NA	< 5	4.8	< 50	7.6	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
XMW-12	Water Table/MBFB	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	410	290	920	NA	310	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,2-Dichloroethane	8010/21	ug/l	130	170	140	NA	63	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 50	< 50	< 30	NA	84	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,3,5-Trimethylbenzene	8240/60	ug/l	< 100	260	< 50	NA	< 50	NA	NA	NA	NA	NA	NA	(<2)	NA	NA
			1,4-Dichlorobenzene	8010/21	ug/l	< 20	< 30	< 20	NA	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	< 100	< 50	NA	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Acetone	8240/60	ug/l	< 1000	1100	< 500	NA	< 500	NA	NA	NA	NA	NA	NA	(<10)	NA	NA
			Benzene	8240/60	ug/l	2000	6500	7200	NA	3300	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chlorobenzene	8010/21	ug/l	3600	6600	4800	NA	3100	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	2800	5300	6100	NA	2500	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Chloroform	8010/21	ug/l	30	160	180	NA	320	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XMW-12	Water Table/MBFB	VOCs	Chloroform	8240/60	ug/l	< 50	210	< 30	NA	210	NA	NA	NA	NA	NA	NA	(<2)	NA	NA
			Cyclohexane	8240/60	ug/l	390	< 1000	< 500	NA	< 500	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	550	1300	1800	NA	430	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Naphthalene	8240/60	ug/l	< 100	190	750	NA	190	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Toluene	8240/60	ug/l	< 100	910	2000	NA	1500	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	180	820	2200	NA	810	NA	NA	NA	NA	NA	NA	NA	NA	NA
			n-Propylbenzene	8240/60	ug/l	< 100	120	< 50	NA	58	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	NA	18000	32000	NA	12000	NA	NA	NA	NA	NA	NA	NA	NA	NA
XMW-13	Water Table/MBFB	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	1800	1600	1400	850	1400	NA	NA	1100	1400	1200	1200	(1000)	(650)	(360)
			1,2-Dichloroethane	8010/21	ug/l	340	390	330	240	470	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	540	< 50	< 50	320	410	NA	NA	< 50	440	< 500	< 120	(57)	(<50)	(<20)
			1,3,5-Trimethylbenzene	8240/60	ug/l	< 100	1000	770	< 100	< 100	NA	NA	270	310	< 500	210	(170)	(<200)	(77)
			Acetone	8240/60	ug/l	< 1000	< 1000	< 1000	2700	< 1000	NA	NA	< 1000	< 2500	< 1000	< 1200	(<200)	(<1000)	(<400)
			Benzene	8240/60	ug/l	14000	20000	17000	12000	17000	NA	NA	14000	12000	10000	9600	(8700)	(6900)	(5200)
			Chlorobenzene	8010/21	ug/l	3200	4200	3000	4500	4100	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	2500	3000	2900	2200	2900	NA	NA	6400	7300	7700	7100	(11000)	(7200)	(4500)
			Chloroform	8010/21	ug/l	970	1100	490	600	980	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	580	780	540	420	510	NA	NA	240	220	< 500	330	(160)	(<200)	(99)
			Cyclohexane	8240/60	ug/l	< 1000	< 1000	310	< 1000	< 1000	NA	NA	< 1000	< 2500	< 1000	NA	NA	NA	NA
			Dibromochloromethane	8010/21	ug/l	< 30	< 20	95	< 50	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	< 100	< 250	< 500	< 120	(<40)	(<200)	(<20)
			Ethylbenzene	8240/60	ug/l	1800	1700	1500	640	880	NA	NA	930	1200	1100	810	(1000)	(770)	(450)
			Isopropylbenzene	8240/60	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	< 100	< 250	< 500	40	(56)	(<200)	(<20)
			Methylene chloride	8010/21	ug/l	< 30	25	< 65	< 200	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	< 100	26	< 500	< 120	(<100)	(<500)	(<40)
			Naphthalene	8240/60	ug/l	1200	670	610	360	570	NA	NA	270	430	290	320	(500)	(<500)	(160)
				8270	ug/l	450	400	400	510	340	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8010/21	ug/l	120	94	< 30	< 50	80	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	< 100	170	< 500	300	(340)	(350)	(580)
			Toluene	8240/60	ug/l	5400	7500	7200	6300	8500	NA	NA	2400	2500	2100	2400	(1800)	(1400)	(400)
			Trichloroethene	8010/21	ug/l	740	770	480	730	500	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	540	470	370	200	230	NA	NA	380	480	480	760	(480)	(410)	(810)
			Xylenes (Ttl)	8240/60	ug/l	3100	5000	4700	2400	3200	NA	NA	2200	2000	1800	1600	(1100)	(960)	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	< 30	< 20	< 30	< 50	57	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	< 100	< 120	< 500	< 120	(44)	(<200)	(54)

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XMW-13	Water Table/MBFB	VOCs	m,p-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(640)	(240)
			n-Propylbenzene	8240/60	ug/l	210	180	160	< 100	150	NA	NA	120	< 250	< 500	120	(150)	(<200)	(45)
			o-Xylene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(320)	(140)
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(770)	(<500)	NA
			tert-Butylbenzene	8240/60	ug/l	< 100	< 100	< 100	< 100	< 100	NA	NA	110	< 250	< 500	< 120	(<100)	(<500)	(<20)
		pCBSA	pCBSA	300.0	ug/l	NA	30000	42000	47000	52000	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	tert-Butyl alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<400)
XMW-14	Water Table/MBFB	VOCs	1,1,2-Trichloroethane	8010/21	ug/l	< 30	< 3	1.1	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 50	< 30	< 5	< 5	< 30	NA	NA	< 30	< 50	< 500	< 50	(<2)	NA	NA
			1,1-Dichloroethene	8010/21	ug/l	< 30	< 3	1.3	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 50	< 30	< 5	< 5	< 30	NA	NA	< 30	< 50	< 500	< 50	(<5)	NA	NA
			1,2,4-Trimethylbenzene	8240/60	ug/l	400	130	39	22	300	NA	NA	310	100	< 500	120	NA	NA	NA
			1,2-Dichloroethane	8010/21	ug/l	730	820	290	490	760	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 50	630	360	360	630	NA	NA	900	620	490	< 50	NA	NA	NA
			1,3,5-Trimethylbenzene	8240/60	ug/l	< 100	< 50	< 10	< 10	< 50	NA	NA	< 50	20	< 500	< 50	NA	NA	NA
			Acetone	8240/60	ug/l	< 1000	< 500	< 100	300	< 500	NA	NA	< 500	460	< 1000	< 500	(<10)	NA	NA
			Benzene	8240/60	ug/l	6600	4000	980	1200	7000	NA	NA	7900	3800	4300	4400	NA	NA	NA
			Chlorobenzene	8010/21	ug/l	300	220	120	150	470	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	230	150	130	97	320	NA	NA	350	240	400	340	NA	NA	NA
			Chloroform	8010/21	ug/l	< 30	< 3	< 1	< 5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 50	< 30	< 5	< 5	< 30	NA	NA	< 30	8.5	< 500	< 50	(<2)	NA	NA
			Ethylbenzene	8240/60	ug/l	740	440	110	83	430	NA	NA	780	430	370	580	NA	NA	NA
			Isopropylbenzene	8240/60	ug/l	< 100	< 50	< 10	< 10	< 50	NA	NA	< 50	< 50	< 500	26	NA	NA	NA
			Naphthalene	8240/60	ug/l	360	< 120	34	39	180	NA	NA	190	4200	< 500	74	NA	NA	NA
				8270	ug/l	130	100	27	32	120	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8010/21	ug/l	< 30	13	8.9	11	14	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	< 50	< 10	< 10	< 50	NA	NA	< 50	15	< 500	< 50	NA	NA	NA
			Toluene	8240/60	ug/l	< 100	< 50	6.5	< 10	< 58	NA	NA	< 50	15	< 500	28	NA	NA	NA
			Trichloroethene	8010/21	ug/l	110	180	67	140	120	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	96	62	71	110	NA	NA	190	140	< 500	100	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	270	180	74	23	190	NA	NA	290	81	< 500	< 50	NA	NA	NA
			cis-1,2-Dichloroethene	8010/21	ug/l	< 30	14	24	17	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 100	< 50	17	< 10	< 50	NA	NA	< 50	54	< 500	53	NA	NA	NA
			n-Propylbenzene	8240/60	ug/l	< 100	< 50	< 10	< 10	53	NA	NA	66	< 50	< 500	69	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	NA	1000	96	400	1200	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XMW-16	Water Table/MBFB	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
XMW-17	Water Table/MBFB	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
XMW-21	Water Table/MBFB	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	< 200	1700	< 500	< 100	< 50	< 200	< 300	< 100	< 250	< 500	< 250	< 50	< 20	< 1.0
			1,3,5-Trimethylbenzene	8240/60	ug/l	< 200	< 500	< 500	< 100	110	< 200	< 300	< 100	< 250	< 500	< 250	< 50	< 20	< 1.0
			Benzene	8240/60	ug/l	14000	43000	48000	4100	1500	17000	24000	740	3300	4300	2200	1000	160	0.66
			Carbon disulfide	8240/60	ug/l	< 400	< 1000	< 1000	< 200	< 100	< 400	< 500	< 200	< 2500	< 1000	< 250	35	< 200	< 10
			Chloroethane	8010/21	ug/l	< 50	< 50	< 50	< 0.5	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 200	< 500	< 500	< 100	< 50	< 200	< 300	< 100	< 500	< 500	< 500	< 50	< 20	< 5.0
			Ethylbenzene	8240/60	ug/l	12000	31000	39000	23000	6500	35000	25000	11000	10000	16000	14000	12000	3300	3.4
			Isopropylbenzene	8240/60	ug/l	< 200	< 500	< 500	< 100	180	410	450	280	260	180	220	230	120	11
			Toluene	8240/60	ug/l	< 200	8500	< 500	< 100	< 50	< 200	< 300	< 100	< 250	< 500	< 250	< 50	< 20	< 1.0
			Xylenes (Ttl)	8240/60	ug/l	< 200	7400	< 500	< 100	< 50	< 200	< 300	< 100	< 250	< 500	< 250	< 50	NA	NA
			n-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	310	210	< 1.0
			n-Propylbenzene	8240/60	ug/l	< 200	< 500	< 500	< 100	< 50	< 200	< 300	210	250	180	190	230	110	4.4
			sec-Butylbenzene	8240/60	ug/l	380	< 500	580	< 100	360	610	960	580	NA	NA	620	730	490	130
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
XMW-22	Water Table/MBFB	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
XMW-23	Water Table	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
XMW-24	Water Table	VOCs	Chloroform	8240/60	ug/l	NA	< 0.5	0.60	NA	< 0.5	< 0.5	< 0.5	< 0.5	0.43	< 1.0	0.36	NA	(<2.0)	< 1.0
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
XMW-25	Water Table	VOCs	All Analytes			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(ND)	(ND)	NA
XMW-26	Water Table/MBFB	VOCs	All Analytes			NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	(ND)	NA	NA
XMW-27	Water Table/MBFB	VOCs	1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.5	0.14	< 1.0	< 1.0	(<5)	(<5.0)	NA
			1,2-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.5	< 1.0	0.51	< 1.0	(<0.5)	(<0.50)	NA
			Acetone	8240/60	ug/l	NA	NA	NA	NA	NA	< 10	< 10	< 10	29	< 2.0	< 10	(<10)	(<10)	NA
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	10	17	5.6	5.4	10	22	NA	(<2.0)	NA
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	< 1	1.3	< 1	0.95	2.5	3.1	(<2)	(<2.0)	NA
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.5	0.19	0.91	< 1.0	(<2)	(<2.0)	NA
			Cyclohexane	8240/60	ug/l	NA	NA	NA	NA	NA	13	< 10	< 10	< 10	8.5	NA	NA	NA	NA
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	1.3	1.3	(<2)	(<2.0)	NA
			Isopropylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	< 1	< 1	< 1	0.17	0.76	0.79	(<2)	(<2.0)	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	< 1	< 1	< 1	0.32	1.4	1.3	(<2)	NA	NA
			Toluene	8240/60	ug/l	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1.0	1.4	(<2)	(<2.0)	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XMW-27	Water Table/MBFB	VOCs	Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	5.2	10	2.1	6.5	13	17	NA	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	NA	NA	< 1	1.2	1.3	< 1.0	< 1.0	0.59	(<2)	(<2.0)	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	< 1	1.4	< 1	0.74	1.2	1.4	(<2)	NA	NA
			n-Propylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	1.2	0.91	(<2)	(<2.0)	NA
			sec-Butylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	< 1	< 1	< 1	NA	NA	0.30	(<5)	(<5.0)	NA
XMW-28	Water Table/MBFB	VOCs	Benzene	8240/60	ug/l	88000	61000	120000	130000	160000	150000	170000	140000	72000	100000	69000	NA	44000	NA
			Chloroethane	8010/21	ug/l	< 100	< 50	< 50	< 0.5	< 30	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 500	< 1000	< 1000	< 2000	< 3000	< 1000	< 1000	< 1000	< 2000	< 5000	< 2000	NA	< 50	NA
			Ethylbenzene	8240/60	ug/l	< 500	< 1000	960	< 2000	3100	1500	1500	1400	1100	1400	820	NA	30	NA
			Isopropylbenzene	8240/60	ug/l	< 500	< 1000	< 1000	< 2000	< 3000	< 1000	< 1000	< 1000	340	< 5000	< 1000	NA	58	NA
			Methylene chloride	8010/21	ug/l	< 100	< 50	< 50	< 2	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 500	< 1000	< 1000	< 2000	< 3000	< 1000	< 1000	< 1000	< 5000	< 5000	< 1000	NA	< 500	NA
			sec-Butylbenzene	8240/60	ug/l	< 500	< 1000	< 1000	< 2000	< 3000	< 1000	< 1000	< 1000	NA	NA	< 1000	NA	30	NA
XMW-29	Water Table/MBFB	VOCs	1,2,4-Trimethylbenzene	8240/60	ug/l	< 500	< 50	< 50	< 300	< 500	< 1000	< 1000	< 2000	< 120	< 5000	< 5000	25	< 1000	(<500)
			1,3,5-Trimethylbenzene	8240/60	ug/l	< 500	< 50	< 50	< 300	< 500	< 1000	< 1000	< 2000	< 120	< 5000	< 5000	6.4	< 1000	(<500)
			Benzene	8240/60	ug/l	55000	3700	6600	24000	96000	150000	180000	240000	5700	110000	420000	580000	380000	(73000)
			Chlorobenzene	8010/21	ug/l	< 100	< 3	28	< 0.5	< 50	NA	NA	NA	< 1.0	< 2000	< 10000	NA	NA	NA
				8240/60	ug/l	< 500	< 50	< 50	< 300	< 500	< 1000	< 1000	2300	< 120	< 5000	< 5000	< 250	< 1000	(<500)
			Ethylbenzene	8240/60	ug/l	< 500	< 50	< 50	< 300	< 500	< 1000	< 1000	< 2000	< 120	< 5000	< 5000	59	< 1000	(<500)
			Methylene chloride	8010/21	ug/l	< 100	< 3	< 10	6.8	< 200	NA	NA	NA	< 5.0	< 10000	< 50000	NA	NA	NA
				8240/60	ug/l	< 500	< 50	< 50	< 300	< 500	< 1000	< 1000	< 2000	< 620	< 5000	< 5000	< 500	< 2000	(<5000)
			Naphthalene	8240/60	ug/l	< 500	< 50	< 50	< 500	< 500	< 1000	< 1000	< 2000	< 120	< 5000	< 5000	5.2	< 10000	(<5000)
				8270	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Styrene	8240/60	ug/l	< 500	< 50	< 50	< 300	< 500	< 1000	< 1000	< 2000	< 120	< 5000	< 5000	120	< 1000	(<500)
			Toluene	8240/60	ug/l	< 500	< 50	< 50	< 300	< 500	< 1000	< 1000	< 2000	< 120	< 5000	< 5000	550	240	(<500)
			Xylenes (Ttl)	8240/60	ug/l	< 500	< 50	< 50	< 300	< 500	< 1000	< 1000	< 2000	< 120	< 10000	< 5000	150	NA	(<500)
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<5000)
XMW-30	Water Table/MBFB	VOCs	Benzene	8240/60	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	3.9	< 0.5	< 0.5	< 0.5	0.50	3.8	< 1.0	(<2)	(<2.0)	< 0.50
			Ethylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0	(<2)	(<2.0)	< 1.0
			Methyl Ethyl Ketone	8240/60	ug/l	6.3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 2.0	< 5.0	(<10)	(<10)	< 10
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
XOW-01	MBFB	VOCs	1,1-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.0	NA	NA
			1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.9	NA	NA

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Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XOW-01	MBFB	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21	NA	NA
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.67	NA	NA
			Freon 11	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	NA	NA
			Freon 12	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.3	NA	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170	NA	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1300	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.19	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA
			trans-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.7	NA	NA
XOW-02	MBFB	VOCs	1,1-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7	NA	NA
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.4	NA	NA
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19	NA	NA
			Freon 11	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.7	NA	NA
			Freon 12	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.4	NA	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	410	NA	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3100	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37	NA	NA
			trans-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.5	NA	NA
XOW-03	MBFB	VOCs	1,1-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.3	NA	NA
			1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8	NA	NA
			1,2,4-Trimethylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.46	NA	NA
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	94	NA	NA
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.2	NA	NA
			Ethylbenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.7	NA	NA
			Freon 11	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4	NA	NA
			Freon 12	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.1	NA	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	NA	NA
			Toluene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1	NA	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1100	NA	NA
			Xylenes (Ttl)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	NA	NA
XOW-04	MBFB	VOCs	1,1,2-Trichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.6	NA	NA
			1,1-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.5	NA	NA
			1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.0	NA	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XOW-04	MBFB	VOCs	Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.38	NA	NA
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16	NA	NA
			Freon 11	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.4	NA	NA
			Freon 12	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.4	NA	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	400	NA	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2000	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83	NA	NA
			trans-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	NA	NA
XOW-05	MBFB	VOCs	1,1-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.9	NA	NA
			1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36	NA	NA
			1,2-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.52	NA	NA
			1,4-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.40	NA	NA
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0	NA	NA
			Carbon Tetrachloride	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.75	NA	NA
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.56	NA	NA
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	NA
			Dichlorobromomethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.76	NA	NA
			Freon 11	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.2	NA	NA
			Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2300	NA	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6400	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190	NA	NA
			trans-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7	NA	NA
XOW-06	MBFB	VOCs	1,1-Dichloroethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9	NA	NA
			1,1-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	NA
			1,2-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA
			1,3-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.88	NA	NA
			1,4-Dichlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	NA	NA
			Benzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	NA
			Carbon Tetrachloride	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.74	NA	NA
			Chlorobenzene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.47	NA	NA
			Chloroform	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74	NA	NA
			Dibromochloromethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.56	NA	NA
			Dichlorobromomethane	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.77	NA	NA
			Freon 11	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.2	NA	NA
			Freon 12	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.1	NA	NA

Table 3
Time-Series Summary of Detected VOCs
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Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XOW-06	MBFB	VOCs	Tetrachloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4000	NA	NA
			Trichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12000	NA	NA
			cis-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	250	NA	NA
			trans-1,2-Dichloroethene	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.6	NA	NA
XP-02	Water Table/MBFB	VOCs	1,1,1-Trichloroethane	8010/21	ug/l	< 0.5	1.4	0.63	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	(<1.0)
			1,1-Dichloroethane	8010/21	ug/l	< 0.5	0.93	1.5	0.58	0.59	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	1.2	< 1	1.3	1.3	NA	NA	< 1	0.99	< 2.0	0.37	< 1.0	0.30	(<1.0)
			1,1-Dichloroethene	8010/21	ug/l	< 0.5	1.5	2.6	1.5	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 0.5	2.2	2.0	2.6	3.1	NA	NA	2.4	3.2	2.7	2.3	1.7	2.3	(1.7)
			1,2-Dichlorobenzene	8010/21	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 2.0	< 1.0	< 1.0	0.15	(<1.0)
				8270	ug/l	< 6	< 6	< 6	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,3-Dichlorobenzene	8010/21	ug/l	< 0.5	< 0.5	< 0.62	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.50	< 2.0	< 1.0	< 1.0	0.28	(<1.0)
				8270	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			1,4-Dichlorobenzene	8010/21	ug/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	0.29	< 1.0	< 1.0	< 1.0	(<1.0)
				8270	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzene	8240/60	ug/l	0.80	0.60	< 0.5	0.92	9.1	NA	NA	< 0.5	0.41	< 2.0	< 1.0	< 0.50	7.6	(<0.50)
			Chlorobenzene	8010/21	ug/l	< 0.5	< 0.5	1.8	< 0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	(<1.0)
			Isopropylbenzene	8240/60	ug/l	< 1	< 1	< 1	< 1	< 1	NA	NA	< 1	0.27	< 2.0	< 1.0	< 1.0	< 1.0	(<1.0)
			Methyl tert-butyl ether	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	0.54	(<1.0)
			Naphthalene	8240/60	ug/l	< 1	< 1	< 1	1.4	< 1	NA	NA	< 1	< 1.0	< 2.0	< 1.0	< 10	< 10	(<10)
				8270	ug/l	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Tetrachloroethene	8010/21	ug/l	20	81	77	85	120	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	16	68	75	84	80	NA	NA	69	64	37	32	17	21	(7.2)
			Toluene	8240/60	ug/l	0.70	< 1	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	(<1.0)
			Trichloroethene	8010/21	ug/l	< 0.5	0.82	1.3	< 0.5	0.55	NA	NA	NA	NA	NA	NA	NA	NA	NA
				8240/60	ug/l	< 1	< 1	< 1	< 1	1.0	NA	NA	< 1	1.2	1.1	1.6	1.4	2.2	(1.9)
		pCBSA	pCBSA	300.0	ug/l	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(<10)
XP-03	MBFB	VOCs	Benzene	8240/60	ug/l	NA	93	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50
			Bromomethane	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	0.32	< 1.0	< 2.0	< 10	< 10	< 10

Table 3
Time-Series Summary of Detected VOCs
2012 Groundwater Summary Report

Location	HSU	Analyte Class	Analyte	Method	Units	1994	1995			1996			1997	1998	1999	2000	2004	2006	2012
						Oct	Mar	Jul	Oct	Feb	Jun	Oct	Jan	Apr	Feb	Jul	Jan	Nov	Feb*
XP-03	MBFB	VOCs	Chloroform	8240/60	ug/l	NA	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	0.41	0.38	0.25	< 1.0	< 1.0	< 1.0
			Ethylbenzene	8240/60	ug/l	NA	4.8	< 1	< 1	< 1	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Freon 12	8240/60	ug/l	NA	< 5	1.6	< 5	< 5	NA	NA	< 5	< 2.0	2.0	0.84	< 1.0	< 1.0	< 1.0
			Tetrachloroethene	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	0.39	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			Toluene	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	0.20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
			sec-Butylbenzene	8240/60	ug/l	NA	< 1	< 1	< 1	< 1	NA	NA	< 1	NA	NA	< 1.0	0.12	< 1.0	< 1.0
		TBA	Tert-Butyl Alcohol (TBA)	8240/60	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10

Notes:

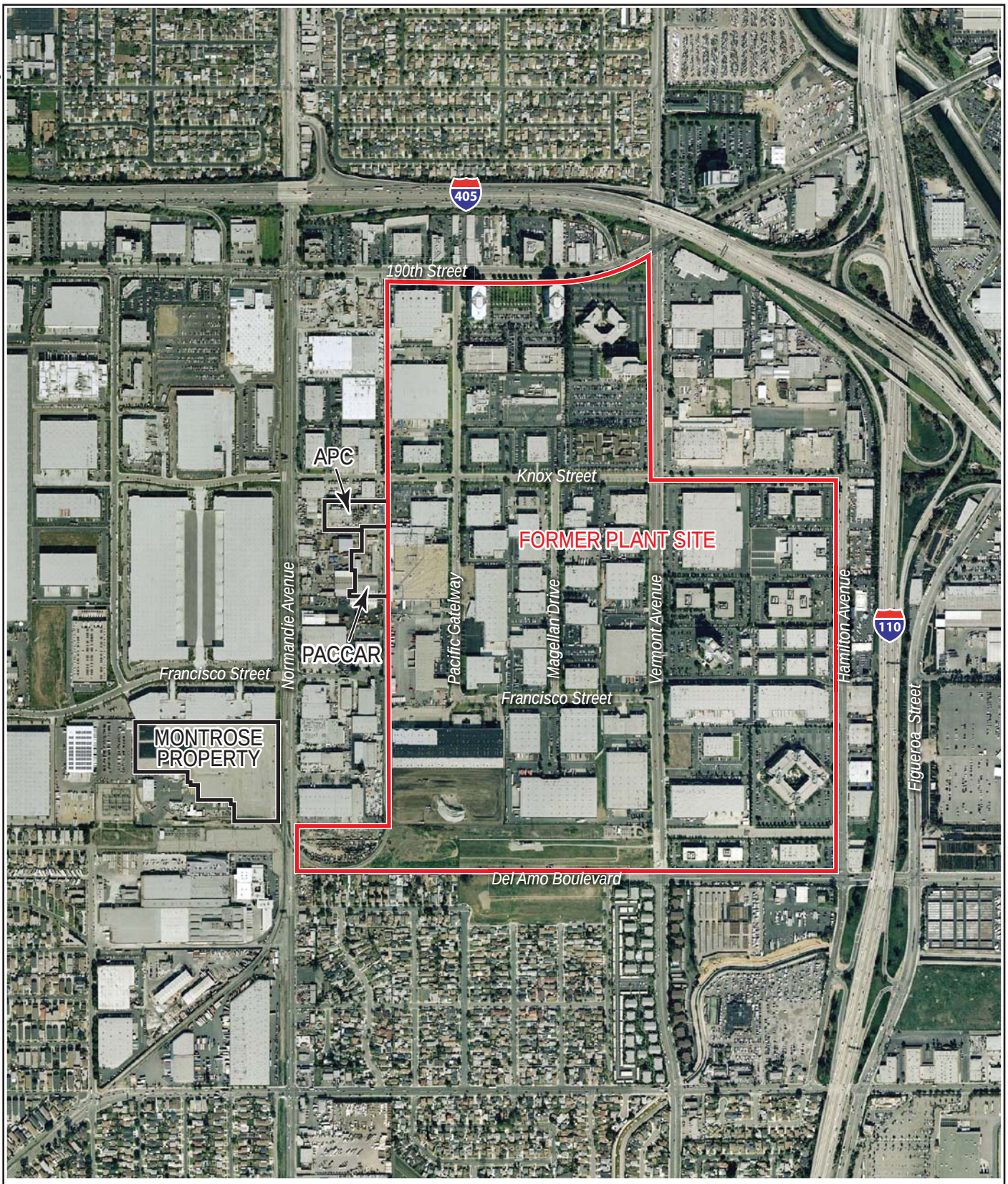
* Groundwater samples were generally collected between February 16 and March 5, 2012. However, data collected as early as December 8, 2011 (C2REM waste pit area data) and as late as April 27, 2012 (additional TBA data requested by EPA and collected by URS) are also included in the table.

NA Compound class or compound not analyzed for

ND Not detected above laboratory reporting limit

( ) Data generated by other consultants

T:\Ladd\DelAmo\SiteLocMaps\906-228



N

0 1,000 2,000

Scale in Feet

Source: AirPhotoUSA dated February 2006

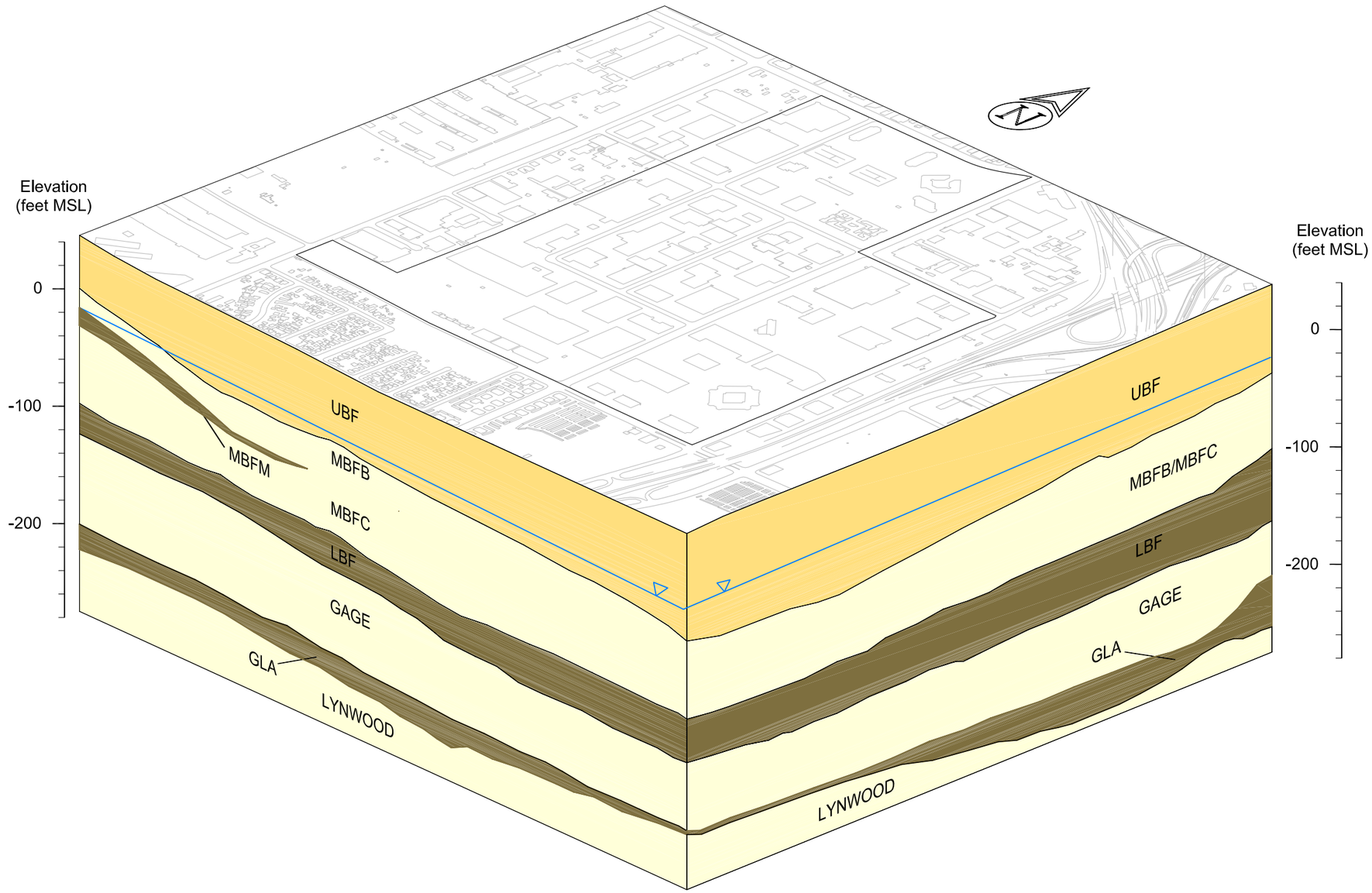
FIGURE 1

SITE LOCATION MAP

Groundwater Remedial Design

URS

T/Ladd/DelAmo/612-074



EXPLANATION

UBF: Upper Bellflower Aquitard

MBFB: Middle Bellflower B Sand

MBFM: Middle Bellflower Mud

MBFC: Middle Bellflower C Sand

LBF: Lower Bellflower Aquitard

Gage: Gage Aquifer

GLA: Gage-Lynwood Aquitard

Lynwood: Lynwood Aquifer

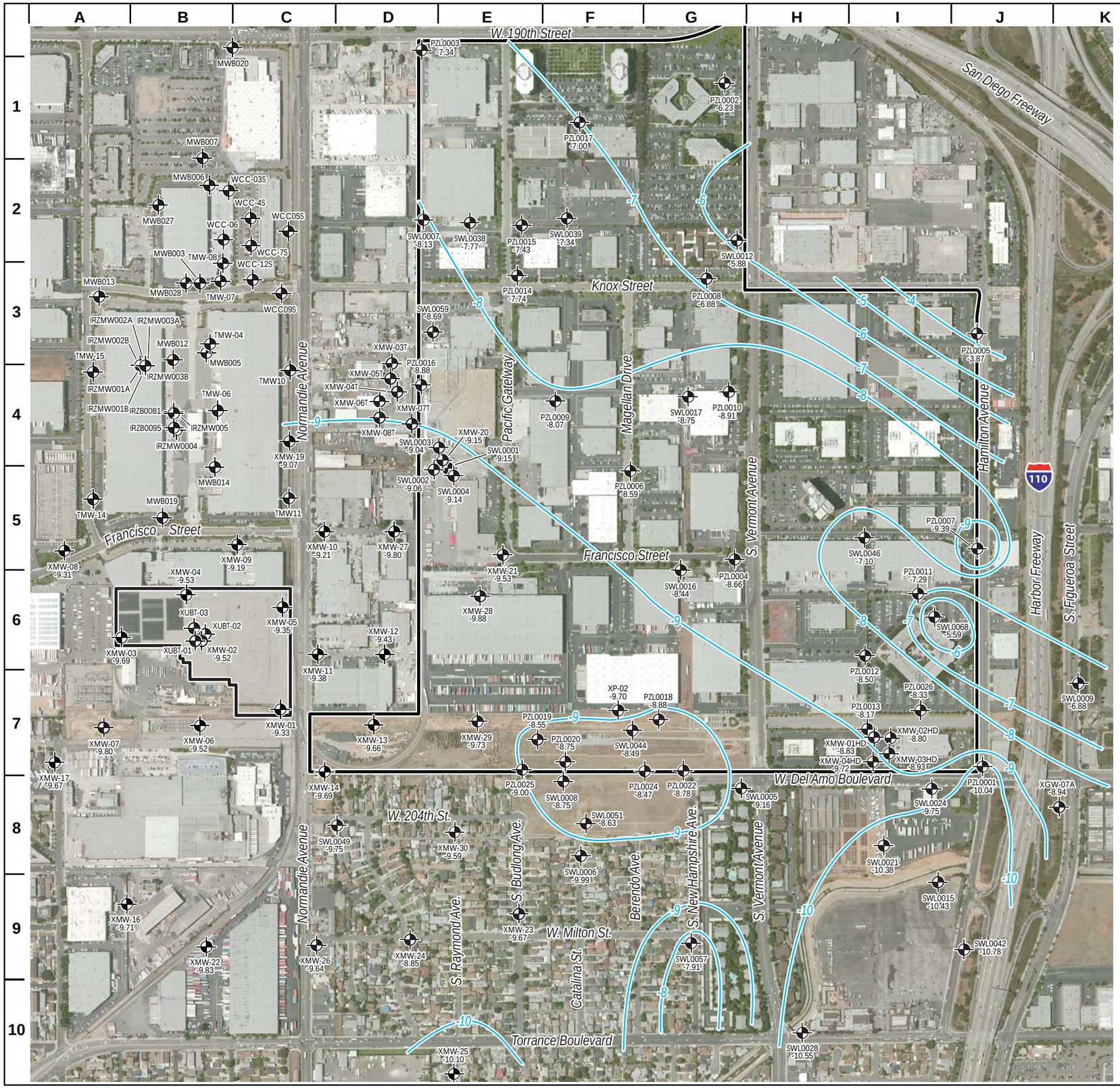
FIGURE 2

HYDROSTRATIGRAPHIC BLOCK DIAGRAM

Groundwater Remedial Design

URS

T/Ladd/DelAmo/1003-204E-1D



N

0 600 1200

Scale in Feet

Legend

SWL0017 -8.75 — Monitoring location with groundwater elevation (feet MSL)

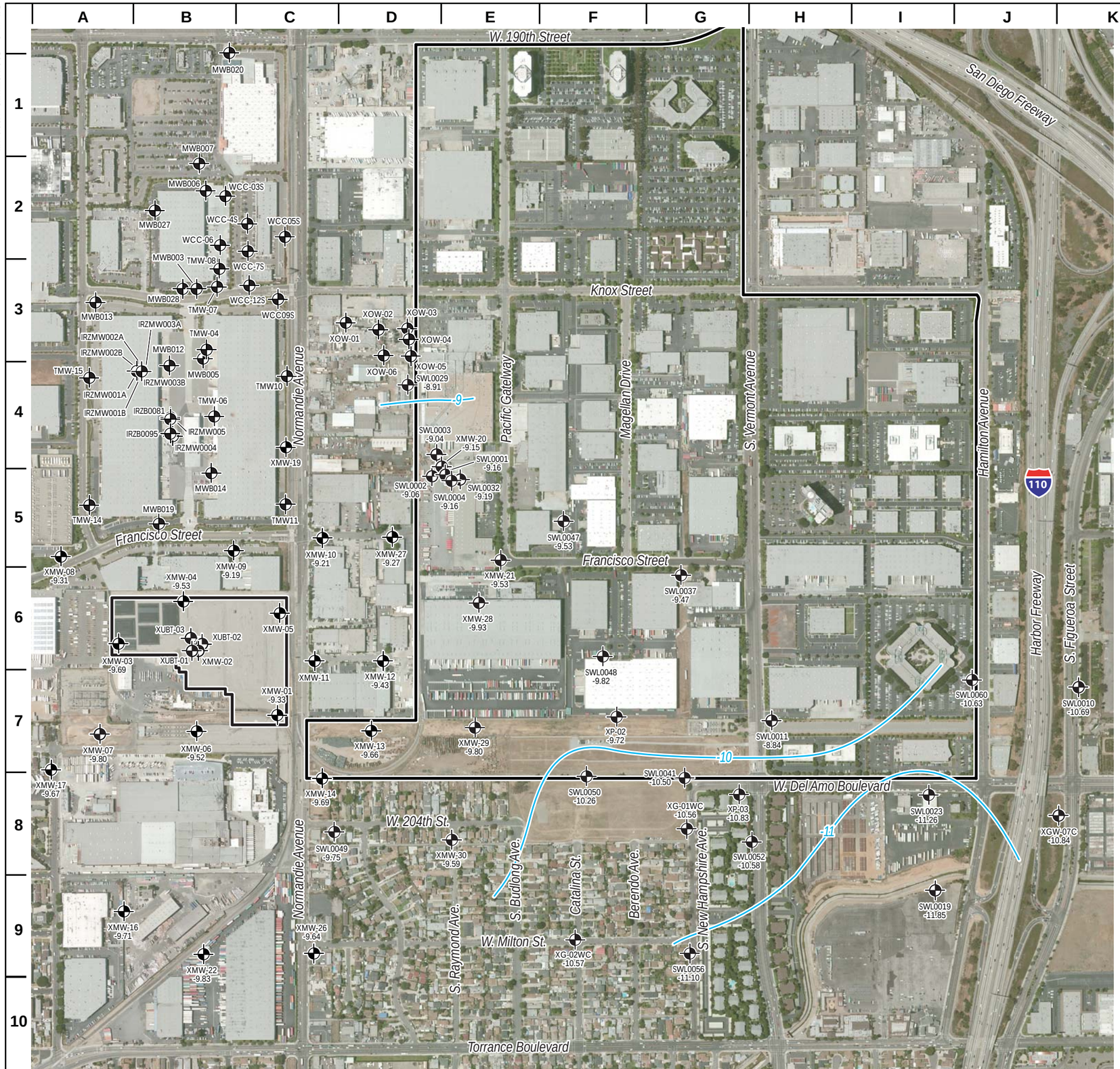
FIGURE 3

GROUNDWATER ELEVATIONS
WATER TABLE ZONE
February 2012

Groundwater Remedial Design

URS

T/Ladd/DelAmo/1003-202D-1C



N

0 600 1200

Scale in Feet

Legend

Monitoring location with groundwater elevation (feet MSL)

SWL0037
-9.47

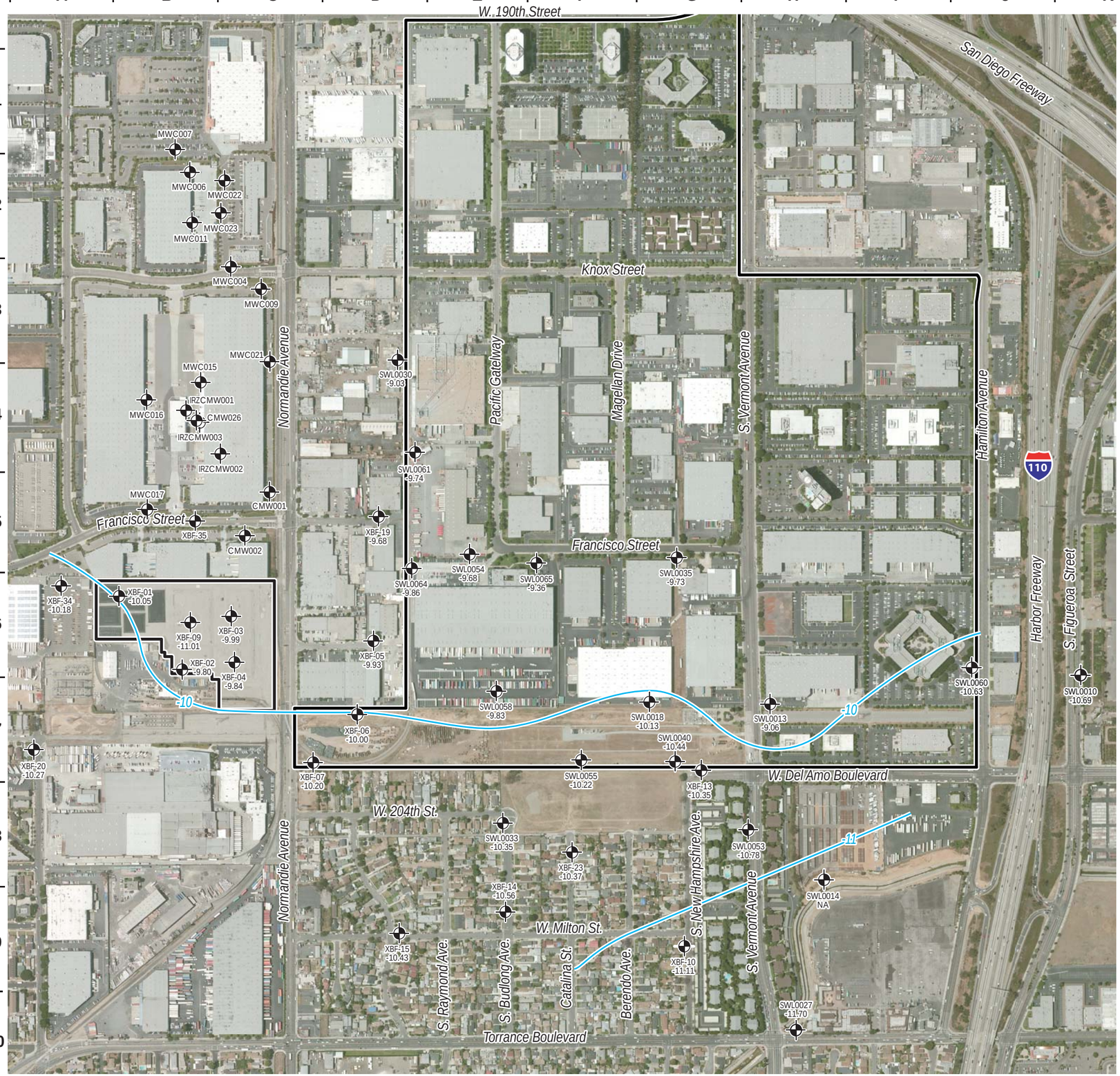
FIGURE 4

GROUNDWATER ELEVATIONS
MIDDLE BELLFLOWER B SAND
February 2012

Groundwater Remedial Design

URS

T/Ladd/DelAmo/903-201D-1B



N

0 600 1200

Scale in Feet

Legend

SWL0035 -9.73 — Monitoring location with groundwater elevation (feet MSL)

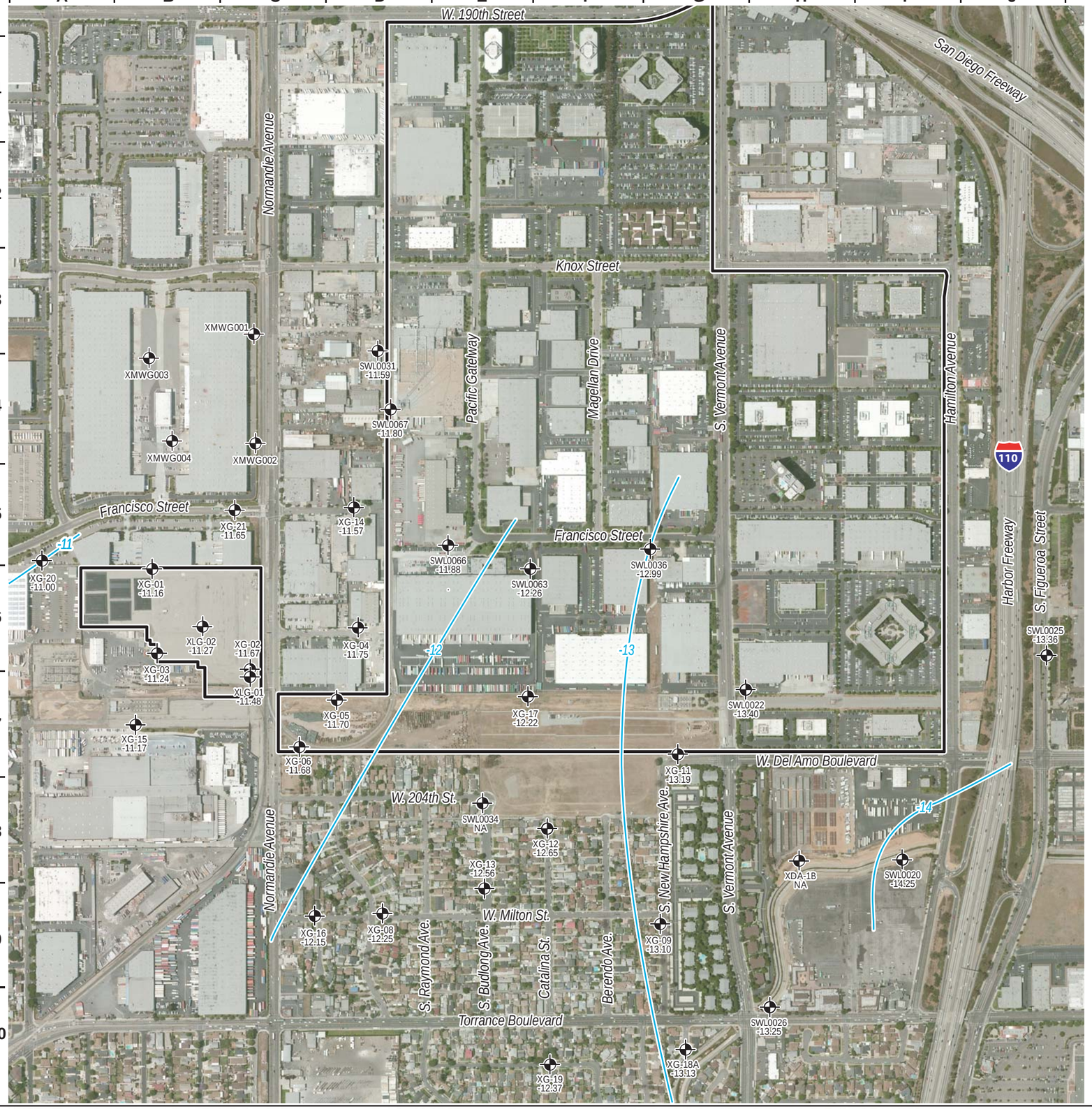
FIGURE 5

GROUNDWATER ELEVATIONS
MIDDLE BELLFLOWER C SAND
February 2012

Groundwater Remedial Design

URS

T/Ladd/DelAmo/1003-203D-1B



N

0 600 1200

Scale in Feet

Legend

SWL0036 -12.99 — Monitoring location with groundwater elevation (feet MSL)

FIGURE 6

GROUNDWATER ELEVATIONS
GAGE AQUIFER
February 2012

Groundwater Remedial Design

URS

T:\Lab\DxA\rsc\1094-2006

Legend

SWL0005 — Benzene 0.43	Monitoring well location with 2012 detected VOC concentrations
PZL0013 (07/00) — Benzene 300000	Monitoring well location not sampled for VOCs in 2012 with most recent historical VOC concentrations and date
CPL0086 (04/06) — All Analytes ND	Temporary well location with historical detected VOC concentrations (µg/l) and date
SBL0493 (03/05) — Benzene 260,000	Hydropunch location with historical detected VOC concentrations (µg/l) and date
XDM-02 (02/93) — Benzene 200000	Abandoned monitoring location with most recent historical VOC concentrations and date

NOTES:

* Data collected by other investigators.

^ Locations where VOC analytes were limited to chlorinated compounds (no BTEX etc)

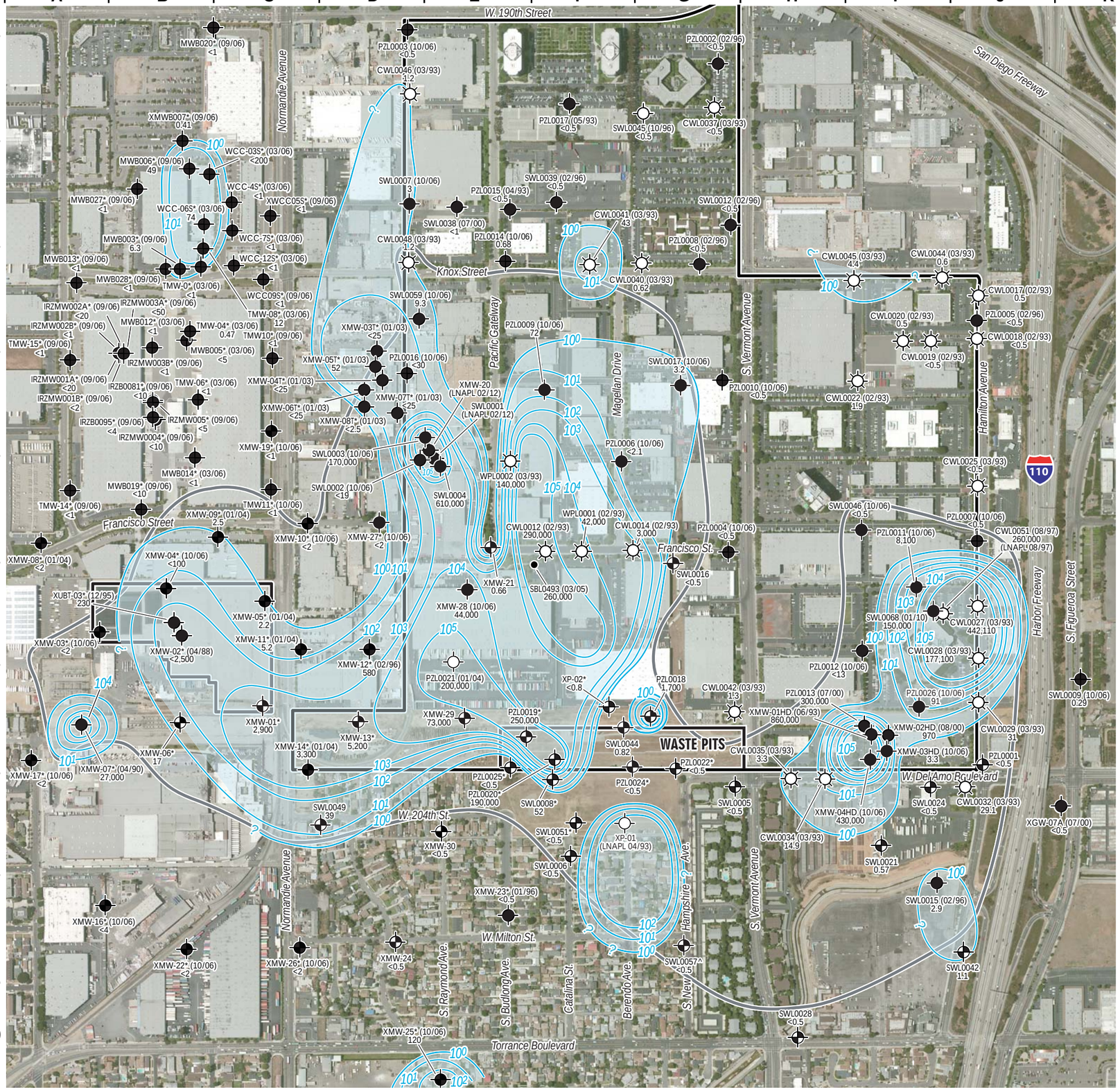
FIGURE 7

DISSOLVED VOC CONCENTRATIONS WATER TABLE ZONE

Groundwater Remedial Design

URS

T/Ladd/DelAmo/1003-204E-2H



N

0 600 1200

Scale in Feet

Legend

SWL0016 <0.5	Monitoring well location with 2012 benzene concentration (µg/l)
PZL0005 (02/96) <0.5	Monitoring well not sampled in 2012 with most recent historical benzene concentration (µg/l) and date
SBL0493 (03/05) 260,000	Hydropunch sampling location with benzene concentration (µg/l) and date
CWL0025 (03/93) <0.5	Temporary well point with historical benzene concentration (µg/l) and date
SWL0045 (10/96) <0.5	Abandoned/destroyed monitoring well with historical benzene concentration (µg/l) and date
(LNAPL 02/12)	Light non-aqueous phase liquid present and date of observation
	Containment zone, as presented in the groundwater ROD (EPA, 1999)
10^0	Benzene Concentration Isopleth (µg/l)
*	Data collected by other investigators
^	Concentration isopleths in the vicinity of this well are influenced by historical detections

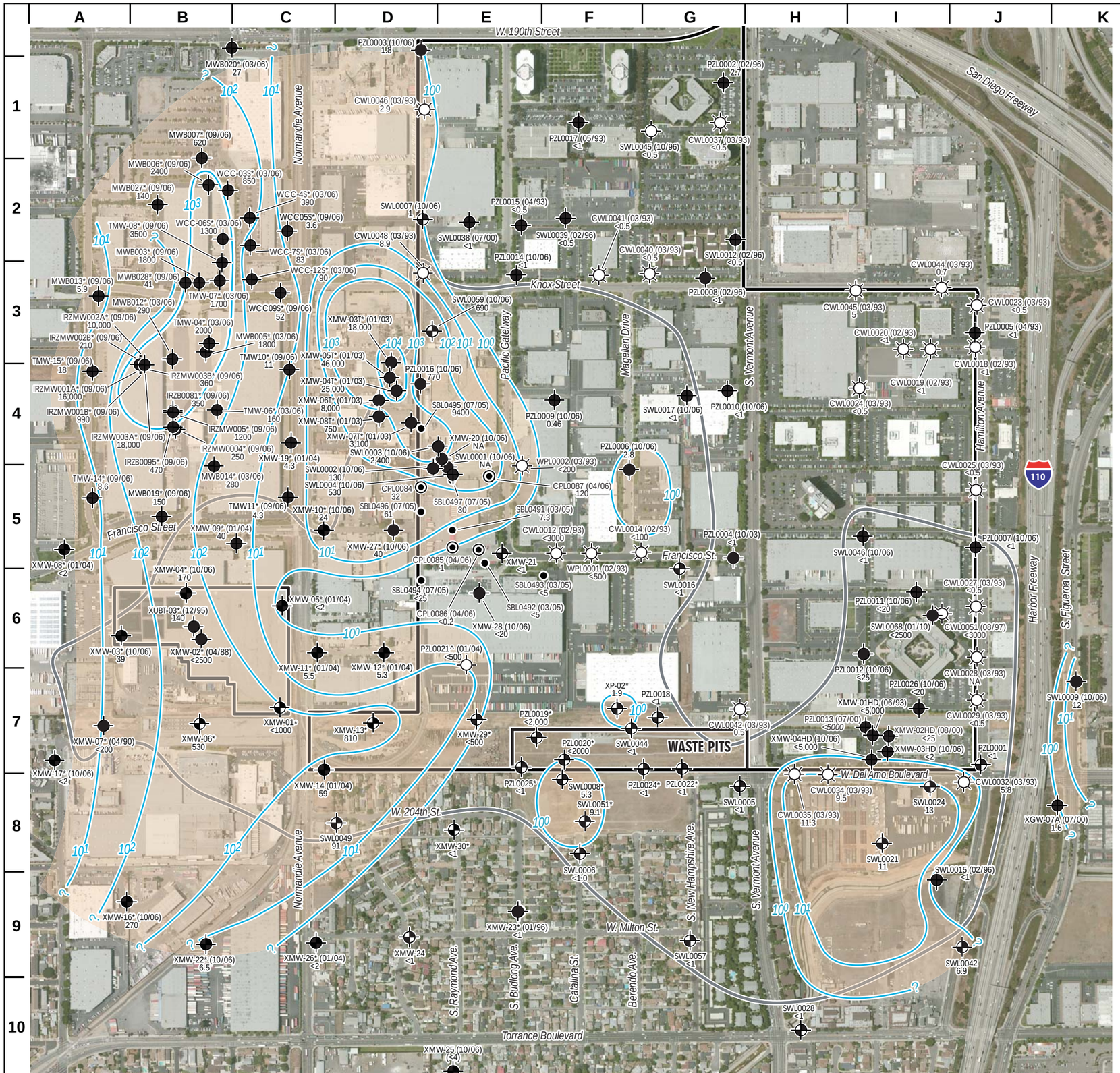
FIGURE 8

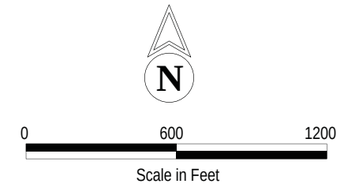
DISSOLVED BENZENE DISTRIBUTION WATER TABLE ZONE

Groundwater Remedial Design

URS

T/Ladd/DelAmo/1003-204H-1D





Legend

- SWL0017 <1 — Monitoring well location with 2012 TCE concentration (µg/l)
- SWL0015 (02/06) <1 — Monitoring well not sampled for VOCs in 2012 with most recent historical TCE concentration (µg/l) and date
- PZL0021 (01/04) <500 — Abandoned/destroyed monitoring well with most recent historical TCE concentration (µg/l) and date
- CWL0025 (03/93) <0.5 — Temporary well point with historical TCE concentration (µg/l) and date
- CPL0085 (04/06) 1 — Temporary well location with TCE concentration (µg/l) and date
- SBL0496 (07/05) 61 — Hydropunch sampling location with TCE concentration (µg/l) and date
- Containment zone, as presented in the groundwater ROD (EPA, 1999)
- 101 — TCE concentration isopleth (mg/l)
- ^ — Concentration isopleths in the vicinity of this well are influenced by historical detections
- * — Data collected by other investigators

FIGURE 9

DISSOLVED TCE DISTRIBUTION WATER TABLE ZONE

Groundwater Remedial Design

URS

N

0 200 400

Scale in Feet

Legend

- XMW-26 (10/06) — All Analytes ND — Monitoring well location with 2012 detected VOC concentrations
- SBL0019 (02/96) — All Analytes ND — Monitoring well location with most recent historical VOC concentrations (2006 data not available)
- CPL0086* (04/06) — Trichloroethene 350 — Temporary well location with historical detected VOC concentrations (mg/l)
- SBL0475 (09/04) — Toluene 1.6, Trichloroethene 95, Tetrachloroethene 1.6, 1,1-Dichloroethene 5.3, Cis-1,2-Dichloroethene 6 — Hydropunch location with historical detected VOC concentrations (mg/l)
- XDM-02 (02/93) — Benzene 200,000 — Monitoring location that has been destroyed/abandoned with most recent historical VOC concentrations
- ^ Analyzed only for chlorinated compounds using EPA Method 8260M
- * Data collected by other investigators

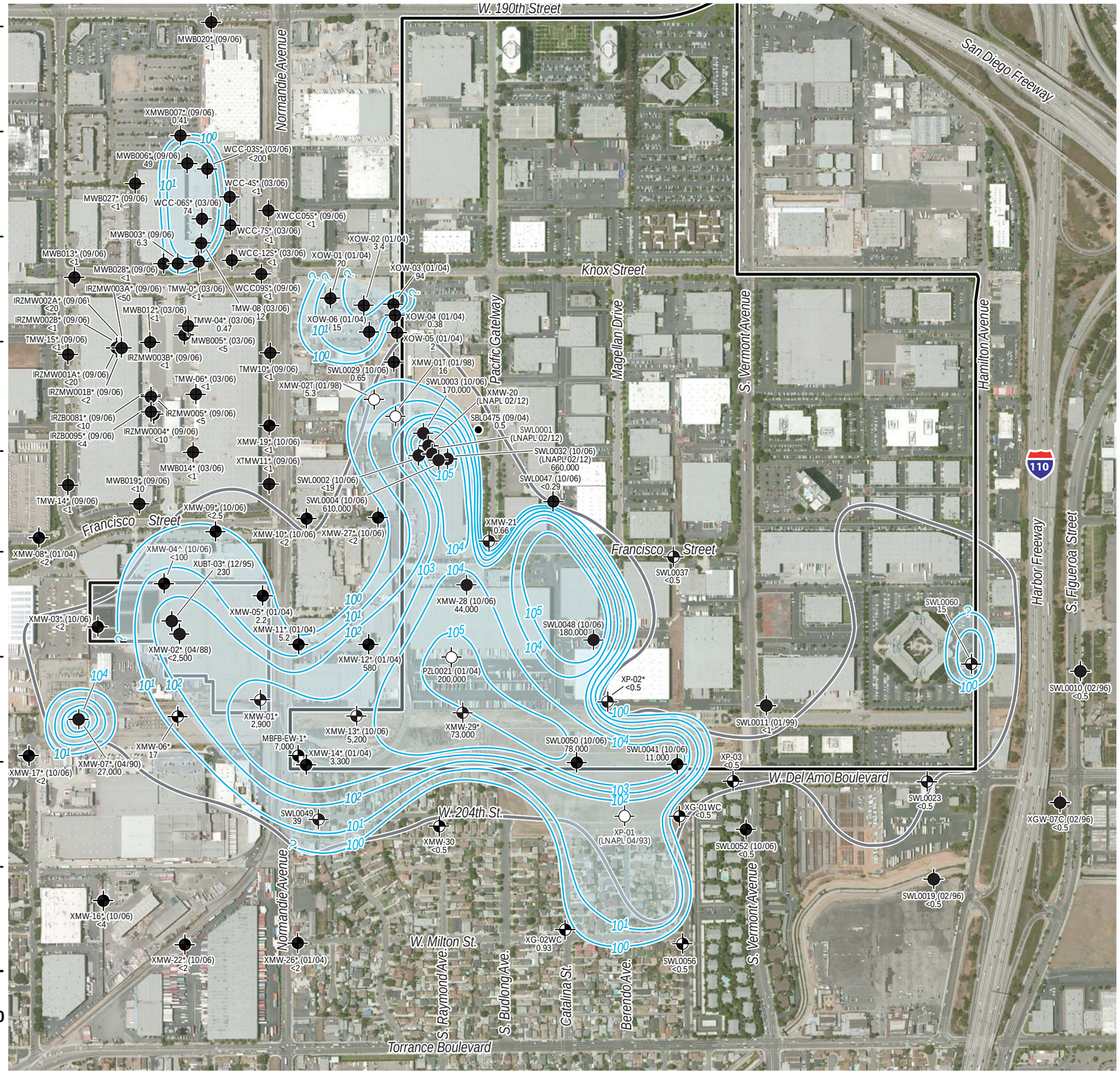
FIGURE 10

DISSOLVED VOC CONCENTRATIONS MIDDLE BELLFLOWER B SAND

Groundwater Remedial Design

URS

T/Ladd/DelAmo/1003-202D-2B



N

0 600 1200

Scale in Feet

Legend

SWL0023 <0.5	Monitoring well location with 2012 benzene concentration (µg/l)
SWL0010 (02/96) <0.5	Monitoring well not sampled in 2012 with most recent historical benzene concentration (µg/l) and date
●	Hydropunch sampling location with benzene concentration (µg/l) and date
(LNAPL 02/12)	Light non-aqueous phase liquid present and date of observation
101	Benzene concentration isopleth (µg/l)
	Containment zone, as presented in the groundwater ROD (EPA, 1999)
^	Concentration isopleths in vicinity of this well are influenced by historical detections
*	Data collected by other investigators

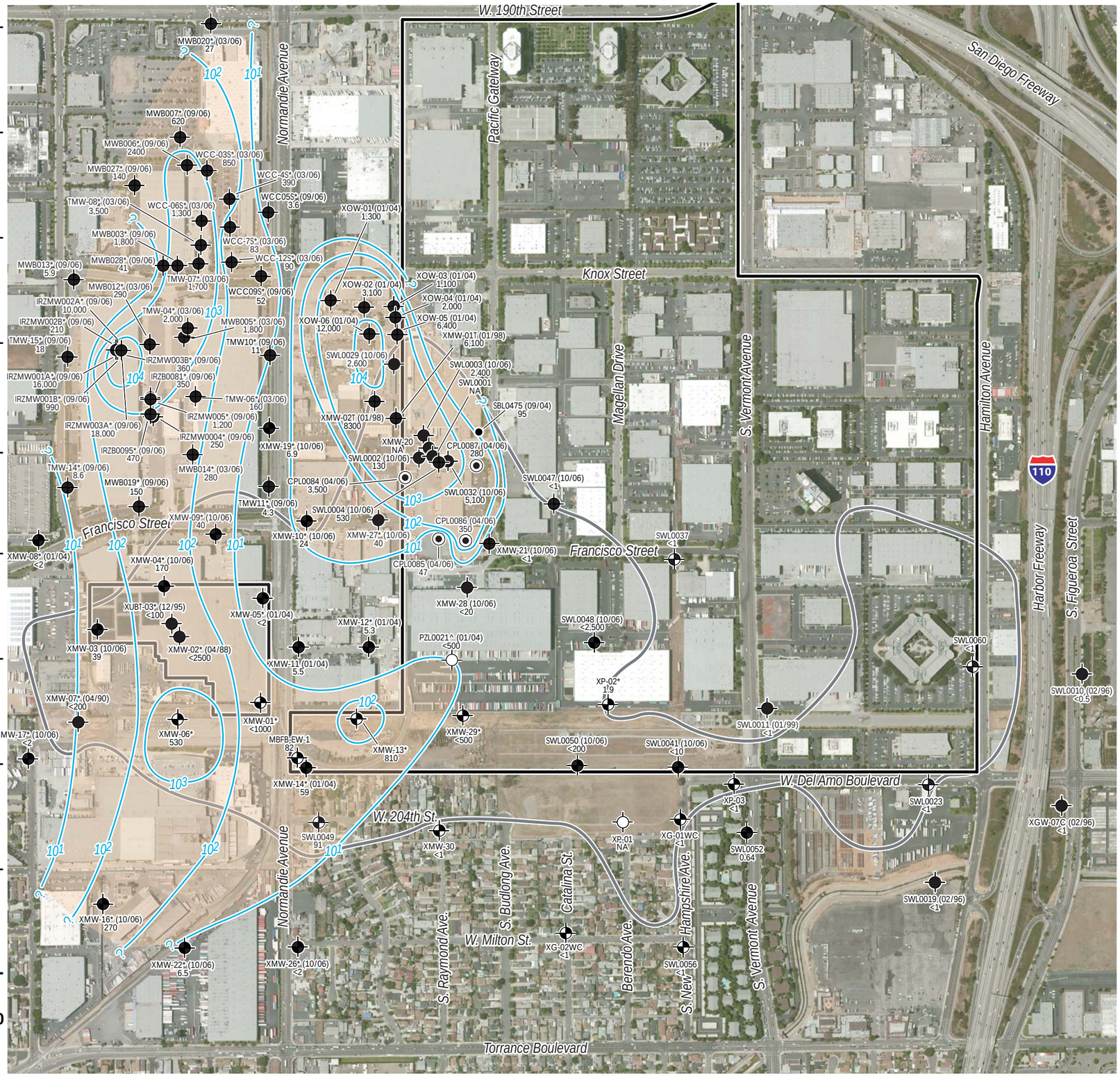
FIGURE 11

DISSOLVED BENZENE DISTRIBUTION MIDDLE BELLFLOWER B SAND

Groundwater Remedial Design

URS

T/Ladd/DelAmo/1003-202D-3C



N

0 600 1200

Scale in Feet

Legend

SWL0048 <2,500	Monitoring well location with 2012 TCE concentration (µg/l)
SWL0011 (01/99) <1	Monitoring well not sampled in 2012 with most recent historical TCE concentration (µg/l) and date
XP-01 NA	Abandoned/destroyed monitoring well with most recent historical TCE concentration (µg/l) and date
CPL0087 (04/06) 280	Temporary well with TCE concentration (µg/l) and date
SBL0475 (09/04) 95	Hydropunch sampling location with TCE concentration (µg/l) and date
	Containment zone, as presented in the groundwater ROD (EPA, 1999)
101	TCE concentration isopleth (µg/l)
^	Concentration isopleths in vicinity of this well are influenced by historical detections
*	Data collected by other investigators

FIGURE 12

DISSOLVED TCE DISTRIBUTION MIDDLE BELLFLOWER B SAND

Groundwater Remedial Design

URS

T/Ladd/DelAmo/1004-219B

N

0 600 1200

Scale in Feet

Legend

SWL0035 — All Analytes ND	Monitoring location with 2012 detected VOC concentrations (µg/l)
SWL0014 (02/96) — All Analytes ND	Monitoring location not sampled in 2012 with most recent historical VOC concentrations (µg/l) and date
CPL0087 (04/06) — Trichloroethene 490; Tetrachloroethene 30; 1,1-Dichloroethene 7.3; cis-1,2-Dichloroethene 17	Temporary well location with historical detected VOC concentrations (µg/l) and date
SBL0496 (07/05) — All Analytes ND	Hydropunch location with historical detected VOC concentrations (µg/l) and date
XBF-08* (08/94) — Xylenes(total) 100; Chlorobenzene 3,500	Destroyed monitoring location with most recent historical VOC concentrations (µg/l) and date
*	Data collected by other investigators

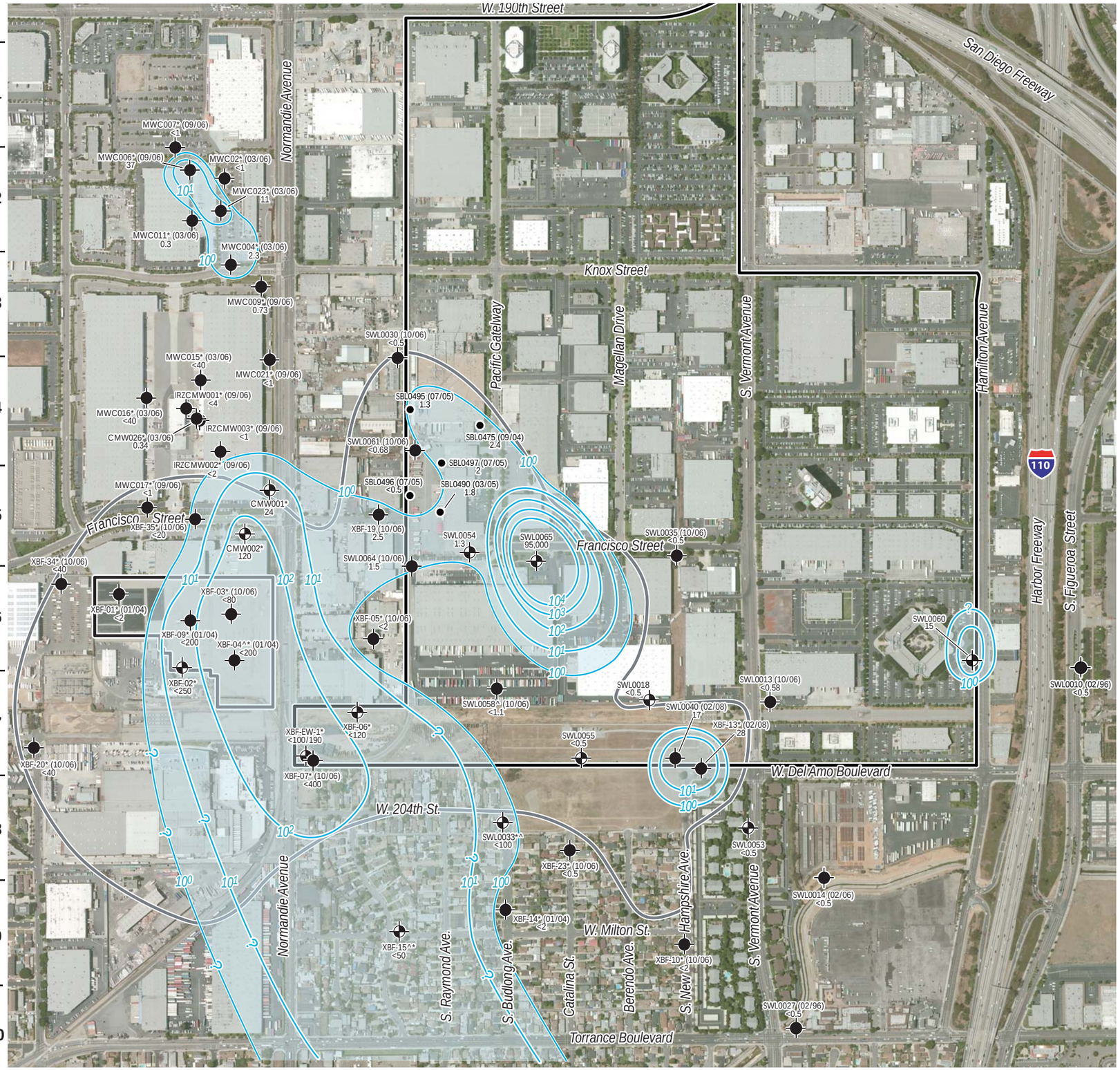
FIGURE 13

DISSOLVED VOC CONCENTRATION MIDDLE BELLFLOWER C SAND

Groundwater Remedial Design

URS

T/Ladd/DelAmo/903-201D-2



N

0 600 1200

Scale in Feet

Legend

SWL0035 <0.5	Monitoring well location with 2012 benzene concentration (µg/l)
SWL0014 (02/06) <0.5	Monitoring well not sampled in 2012 with most recent historical benzene concentration (µg/l) and date
SBL0495 (07/05) 1.3	Hydropunch sampling location with benzene concentration (µg/l) and date
10^0	Benzene concentration isopleth (µg/l)
	Containment zone, as presented in the groundwater ROD (EPA, 1999)
^	Concentration isopleths in vicinity of this well are influenced by historical detections
*	Data collected by other investigators

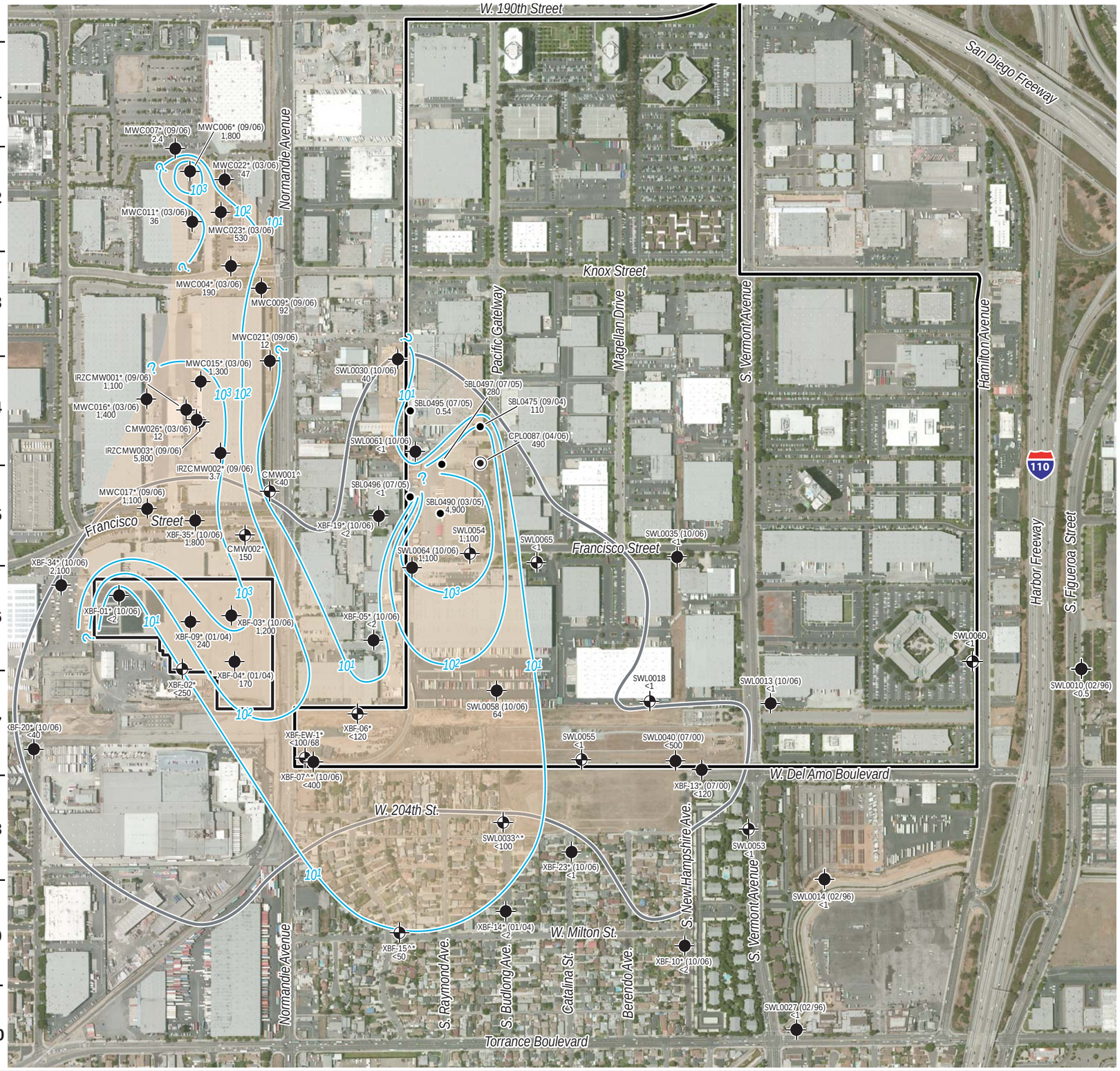
FIGURE 14

DISSOLVED BENZENE DISTRIBUTION MIDDLE BELLFLOWER C SAND

Groundwater Remedial Design

URS

T/Ladd/DelAmo/903-201D-3B



N

0 600 1200

Scale in Feet

Legend

SWL0053 <1	Monitoring well location with 2012 TCE concentration (µg/l)
SWL0014 (02/96) <1	Monitoring well not sampled in 2012 with most recent historical TCE concentration (µg/l) and date
CPL0087 (04/06) 490	Temporary well with TCE concentration (µg/l) and date
SBL0497 (07/05) 280	Hydropunch sampling location with TCE concentration (µg/l) and date
	Containment zone, as presented in the groundwater ROD (EPA, 1999)
10^0	TCE concentration isopleth (µg/l)
^	Concentration isopleths in vicinity of this well are influenced by historical detections
*	Data collected by other investigators

FIGURE 15

DISSOLVED TCE DISTRIBUTION MIDDLE BELLFLOWER C SAND

Groundwater Remedial Design

URS

T/Ladd/DelArno/1004-218A

N

0 600 1200

Scale in Feet

Legend

XG-11 Chlorobenzene 20	Monitoring location with 2012 detected VOC concentrations (µg/l)
XDA-1B (01/04) Benzene 1.1	Monitoring location not sampled in 2012 with most recent historical VOC concentrations (µg/l) and date
XG-07* (08/94) Chlorobenzene 73	Abandoned monitoring location with most recent historical VOC concentrations (µg/l) and date
●	Hydropunch sampling location with benzene concentration (µg/l) and date
*	Data collected by other investigators

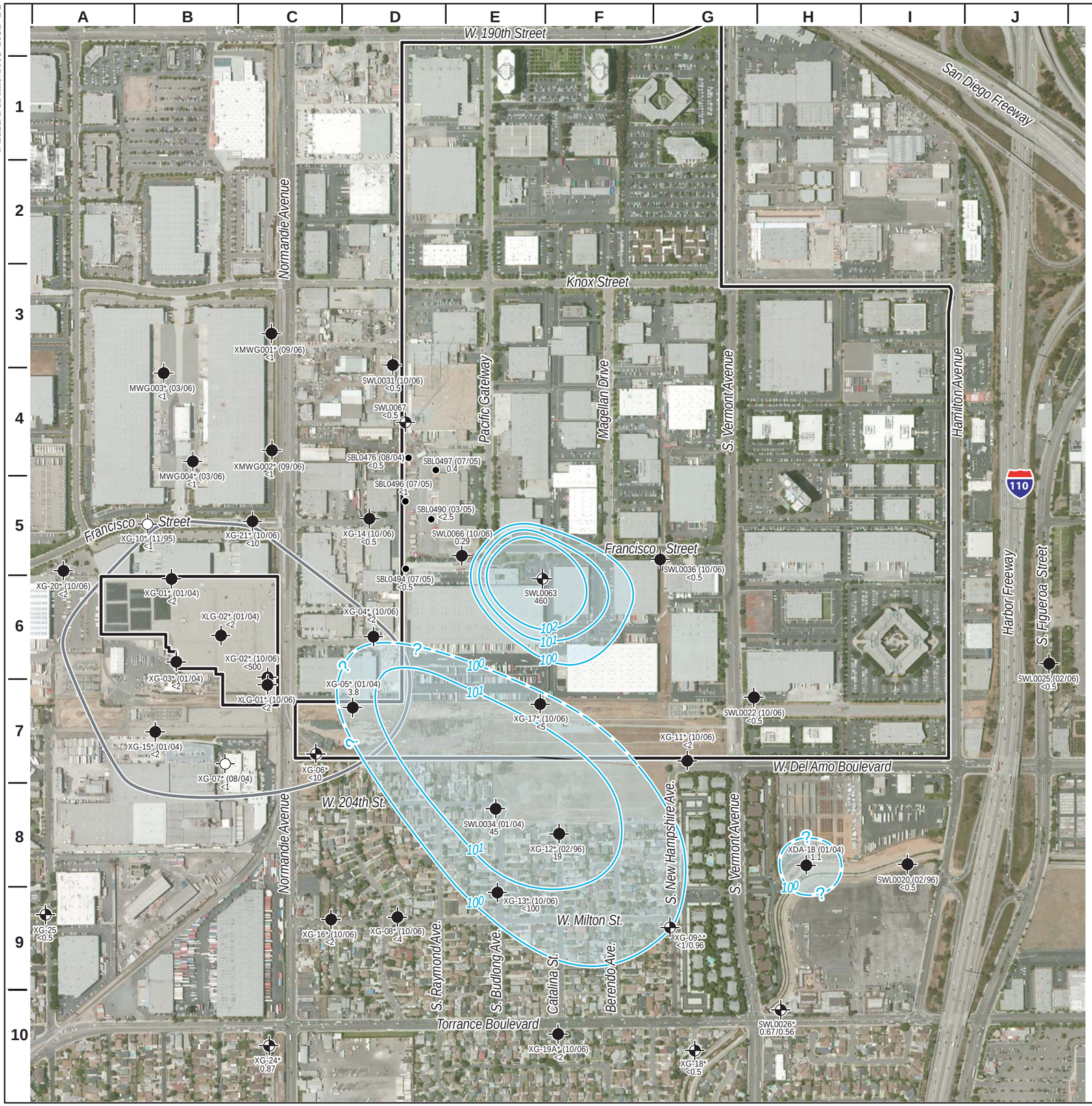
FIGURE 16

DISSOLVED VOC CONCENTRATIONS GAGE AQUIFER

Groundwater Remedial Design

URS

T/Ladd/DelAmo/1003-203D-2C



N

0 600 1200

Scale in Feet

Legend

SWL0022 <0.5	Monitoring well location with 2012 benzene concentration (µg/l)
SWL0020 (02/96) <0.5	Monitoring well not sampled in 2012 with most recent historical benzene concentration (µg/l) and date
SBL0497 (07/05) 0.4	Hydropunch sampling location with benzene concentration (µg/l) and date
100	Benzene Concentration Isopleths (µg/l)
	Containment zone, as presented in the groundwater ROD (EPA, 1999)
^	Concentration isopleths in the vicinity of this well are influenced by historical detections
*	Data collected by other investigators

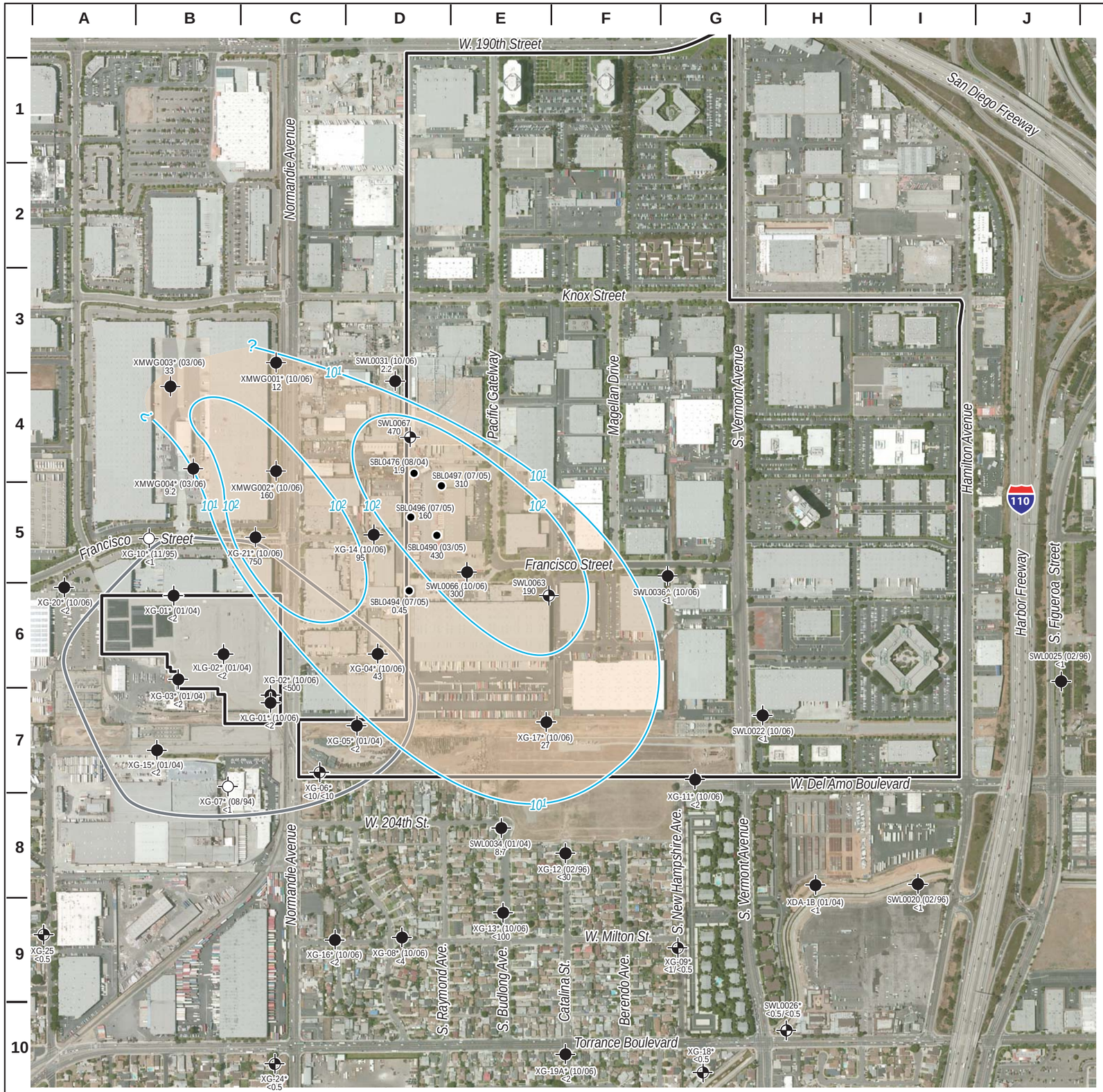
FIGURE 17

DISSOLVED BENZENE DISTRIBUTION GAGE AQUIFER

Groundwater Remedial Design

URS

T/Ladd/DelAmo/1003-203D-3B



N

0 600 1200

Scale in Feet

Legend

SWL0022	Monitoring well location with 2012 TCE concentration (µg/l)
SWL0025 (02/96) <1	Monitoring well not sampled in 2012 with most recent historical TCE concentration (µg/l) and date
SBL0497 (07/05) 310	Hydropunch sampling location with TCE concentration (µg/l) and date
10^2	TCE concentration isopleth (µg/l)
	Containment zone, as presented in the groundwater ROD (EPA, 1999)
NA	Not available
^	Concentration isopleths in the vicinity of this well are influenced by historical detections
*	Data collected by other investigators

FIGURE 18

DISSOLVED TCE DISTRIBUTION GAGE AQUIFER

Groundwater Remedial Design

URS

T/Ladd/DelAmo/312-043

N

0 600 1200

Scale in Feet

Legend

PZL0001 51 — Monitoring location with 2012 TBA concentration (µg/l)

SWL0046 — Monitoring locations where TBA has not been tested for

46,700* (4/12/11) — Service station location with maximum dissolved TBA concentration (µg/l) and date as available from Geotracker database

10^1 — TBA concentration isopleth (µg/l)

Containment zone, as presented in the groundwater ROD (EPA, 1999)

* Data collected by other investigators

FIGURE 19

DISSOLVED TBA DISTRIBUTION WATER TABLE ZONE

Groundwater Remedial Design

URS

T/Ladd/DelAmo/312-044

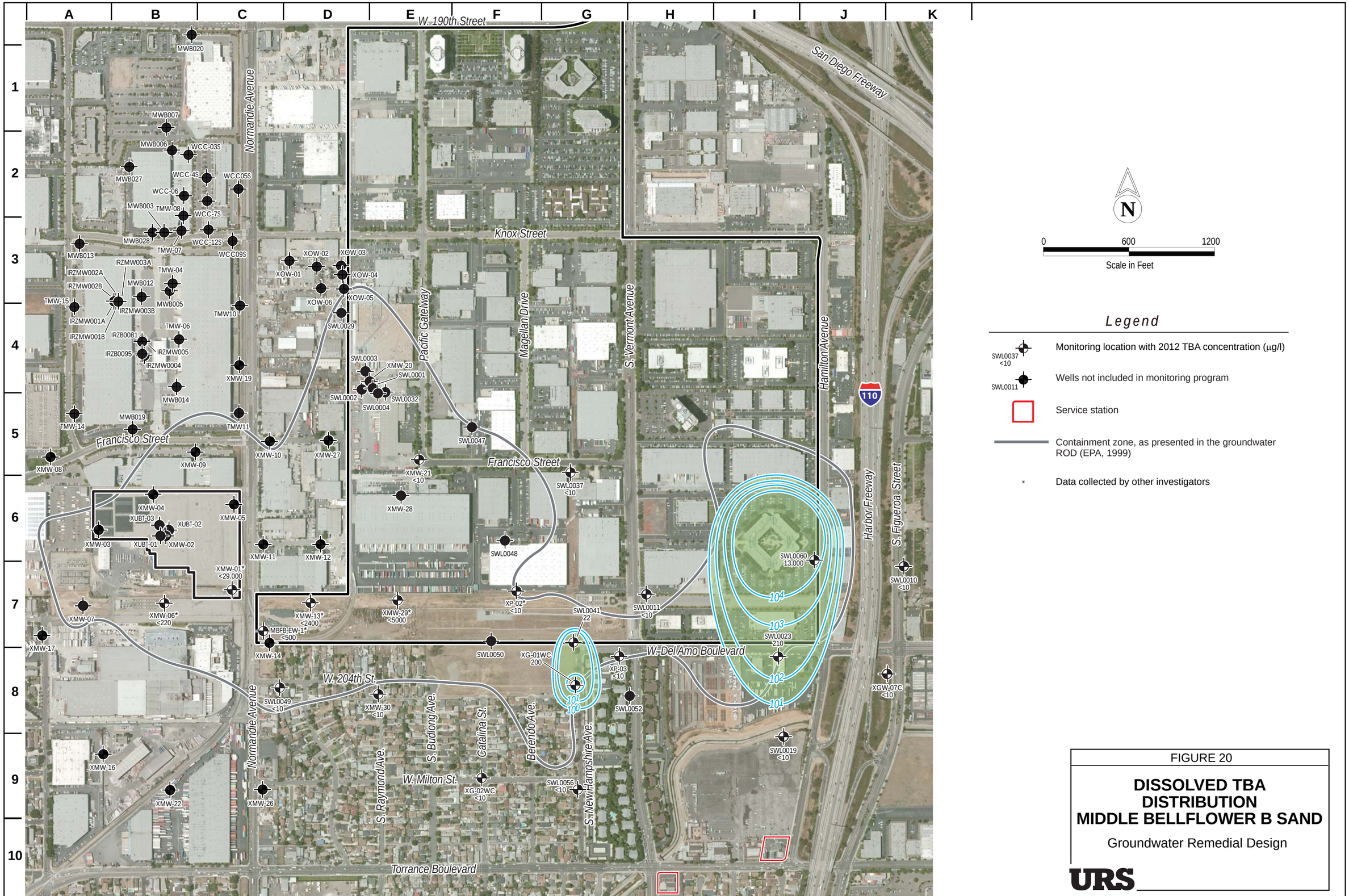


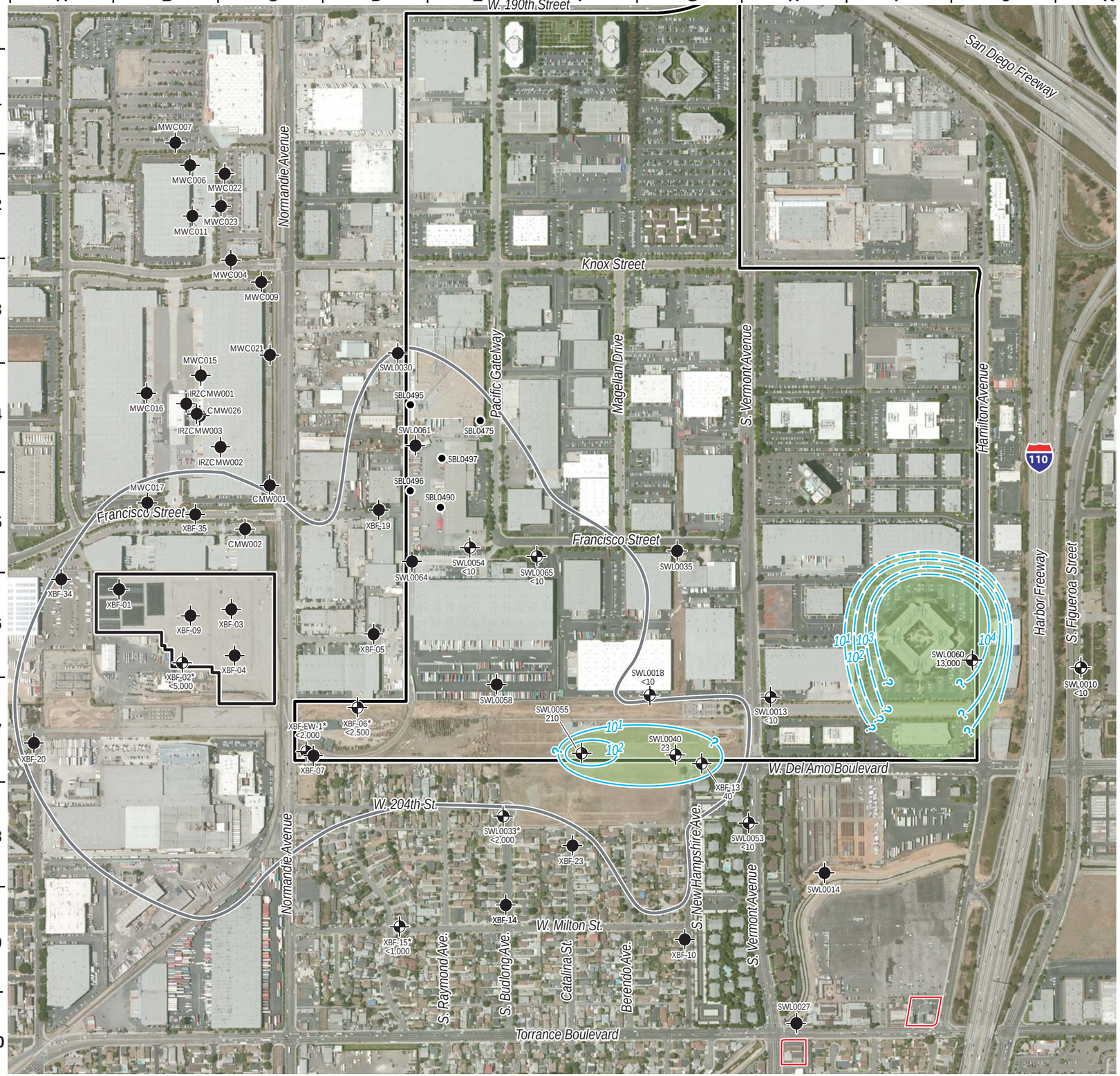
FIGURE 20

DISSOLVED TBA DISTRIBUTION MIDDLE BELLFLOWER B SAND

Groundwater Remedial Design

URS

T/Ladd/DelAmo/312-045



N

0 600 1200

Scale in Feet

Legend

SWL0054 <10 — Monitoring location with 2012 TBA concentration (µg/l)

SWL0035 — Wells not included in monitoring program

SBL0490 — Hydropunch sampling location

Service station

Containment zone, as presented in the groundwater ROD (EPA, 1999)

* Data collected by other investigators

Note:

SWL0060 and SWL0010 are classified as both MBFB and MBFC wells (see cross section)

FIGURE 21

DISSOLVED TBA DISTRIBUTION MIDDLE BELLFLOWER C SAND

Groundwater Remedial Design

URS

T/Ladd/DelAmo/312-046

N

0 600 1200

Scale in Feet

Legend

SWL0063 <10 — Monitoring location with 2012 TBA concentration (µg/l)

SWL0036 — Wells not included in monitoring program

SBL0490 — Hydropunch sampling location

Service station

Containment zone, as presented in the groundwater ROD (EPA, 1999)

* Data collected by other investigators

FIGURE 22

DISSOLVED TBA DISTRIBUTION GAGE AQUIFER

Groundwater Remedial Design

URS