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March 21, 2016

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Re: 2015 Second Baseline Monitoring and Aquifer Compliance Report
Dual Site Groundwater Operable Unit, Los Angeles, California

Dear Mr. Chavira,

The 2015 Second Baseline Monitoring and Aquifer Compliance Report is submitted for your review. It presents the results of the second baseline monitoring event completed during the period September through October 2015 for the Montrose Chemical and Del Amo Superfund Sites, Dual Site Groundwater Operable Unit located in Los Angeles, California.

This second baseline event focused on the measurement of groundwater levels and the collection of groundwater samples for laboratory analysis. This report was prepared cooperatively between consultants retained by the Montrose Chemical and Del Amo Superfund Sites. The groundwater monitoring was conducted in accordance with United States Environmental Protection Agency (USEPA) approved Monitoring and Aquifer Compliance Plans (MACP) prepared by each party. In addition, data collected at other properties (i.e., Boeing, International Light Metals, and Jones Chemical, etc.) has been incorporated into this report.

Please contact Pat Gobb of NewFields or me with any questions.

Sincerely,

Jaime Dinello

Jaime Dinello
de maximis, inc.

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2015 BASELINE MONITORING AND AQUIFER COMPLIANCE REPORT

Montrose Chemical and Del Amo Superfund Sites,
Dual Site Groundwater Operable Unit
Los Angeles, California

March 2016

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AND

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ACRONYMS AND ABBREVIATIONS

bgs	Below ground surface
CO_2	Carbon dioxide
COC	Constituent of concern
DDT	Dichlorodiphenyltrichloroethane
DNAPL	Dense Non-Aqueous Phase Liquid
DO	Dissolved oxygen
EDD	Electronic Data Deliverable
Fe^{3+}	Ferric iron
ft	Feet
Gage	Gage Aquifer
gpm	Gallons per minute
ILM	International Light Metals
ISGS	In-Situ Groundwater Standards
JCI	Jones Chemical Incorporated
LCS/LCD	Laboratory control sample/laboratory control sample duplicate
Lynwood	Lynwood Aquifer
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MACP	Monitoring and Aquifer Compliance Plan
MACR	Monitoring and Aquifer Compliance Report
MBFB	Middle Bellflower B Sand
MBFC	Middle Bellflower C Sand
Mn^{4+}	Manganese IV
Montrose	Montrose Chemical Corporation of California
MSL	Mean Sea Level
NAPL	Non-aqueous Phase Liquid
NAVD	North American Vertical Datum
NGVD	National Geodetic Vertical Datum
NPL	National Priorities List
NO_3^-	Nitrate
ORP	Oxygen reduction potential
pCBSA	Para-Chlorobenzene Sulfonic Acid
PCE	Tetrachloroethene
QA/QC	Quality Assurance/Quality Control
ROD	Record of Decision
RPD	Relative percent difference
Site	Dual Site Groundwater Operable Unit
SO_4^{2-}	Sulfate
TBA	Tert-butyl alcohol
TCE	Trichloroethene
TGRS	Torrance Groundwater Remediation System
TI	Technical Impracticability
µg/L	Micrograms per liter

ACRONYMS AND ABBREVIATIONS

USEPA	United States Environmental Protection Agency
UBF	Upper Bellflower Aquitard
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

This Monitoring and Aquifer Compliance Report (MACR) presents the results of the Second Baseline Groundwater Monitoring Event completed in September through October 2015 for the Montrose Chemical and Del Amo Superfund Sites, Dual Site Groundwater Operable Unit located in Los Angeles, California (hereafter referred to as "the Dual Site", Figure 1). The groundwater monitoring event was conducted in accordance with United States Environmental Protection Agency (USEPA) approved Monitoring and Aquifer Compliance Plans (MACP) prepared by each party.

This Second Baseline Groundwater Monitoring Event focused on the measurement of groundwater levels and the collection of groundwater samples for laboratory analysis. This report was prepared cooperatively between consultants retained by the Montrose Chemical and Del Amo Superfund Sites. In addition, data collected by others at other properties (e.g., Boeing, International Light Metals, and Jones Chemical, etc.) have been incorporated into this report.

The horizontal and vertical hydraulic gradients remain generally consistent with the prior baseline monitoring event in 2014. Although concentrations increased or decreased in some wells, the overall extent of Dual Site chemicals are generally consistent with the prior baseline event conducted in 2014.

1 INTRODUCTION

This Monitoring and Aquifer Compliance Report (MACR) presents the results of the Second Baseline Groundwater Monitoring Event completed in September through October 2015 for the Montrose Chemical and Del Amo Superfund Sites, Dual Site Groundwater Operable Unit located in Los Angeles, California (hereafter referred to as "the Dual Site", Figure 1). The groundwater monitoring was conducted at the direction of United States Environmental Protection Agency (USEPA), and in accordance with the USEPA approved Monitoring and Aquifer Compliance Plans (MACP) prepared by each party (AECOM, 2014) (URS, 2014).

The 2015-Second Baseline Groundwater Monitoring Event focused on the measurement of groundwater levels and the collection of groundwater samples for laboratory analysis. This report was prepared cooperatively between consultants retained by the Montrose Chemical and Del Amo Superfund Sites. In addition, data collected by others at other properties (e.g., Boeing, International Light Metals, and Jones Chemical, etc.) have been incorporated into this report.

This report was jointly prepared by Montrose and Del Amo at the direction of the USEPA. Montrose and Shell are each responsible only for the data they individually collected, and any statements regarding Del Amo or Montrose constituents of concern (COC) are attributable only to, respectively, Del Amo or Montrose. Nor does Montrose or Del Amo by virtue of publishing this joint MACR necessarily agree with all interpretations made by the other party. Data provided by third parties has not been validated, but is presented for informational purposes only, per direction by the USEPA. Interpretation of data presented by either Montrose or Del Amo was done independently, and by virtue of publishing this joint MACR, and may not express the views of the other party.

The Dual Site Groundwater Operable Unit consists of the groundwater portions of the Montrose and Del Amo Superfund Sites. Montrose manufactured technical grade dichlorodiphenyltrichloroethane (DDT) at their facility from 1947 to 1982. Chlorobenzene and para-chlorobenzene sulfonic acid (pCBSA) are the principal groundwater COC associated with the Montrose facility. The Del Amo facility was constructed in 1942 by the U.S. Government in support of World War II activities (i.e., rubber production), operated until 1972 when it ceased operations and was sold to a land development company. Benzene is the principal groundwater COC associated with the Del Amo facility. The USEPA issued a Record of Decision (ROD) in March 1999 (USEPA, 1999) for a joint groundwater remedy that included remedial actions for both facilities.

The Dual Site is located in an industrialized area within the City of Los Angeles (Harbor Gateway) and is surrounded by other environmental sites that have contributed to the groundwater impacts in the vicinity of the Dual Site. The locations of these other environmental

sites in relation to the Dual Site are also shown on Figure 1. These other sites include, but are not limited, to the list below, along with their associated principal COCs.

- The former Boeing C-6 Facility: this site is located north of the Montrose Property. The groundwater beneath this facility is impacted with chlorinated volatile organic compounds (VOC), primarily trichloroethene (TCE).
- The PACCAR and American Polystyrene Sites: these sites are located between the Boeing and Del Amo facilities. The groundwater beneath these facilities is impacted with chlorinated VOCs, primarily TCE.
- The former ILM facility: this site is located northwest of the Montrose Property. The groundwater beneath this facility is impacted with chlorinated VOCs, primarily TCE.
- The Jones Chemical, Inc. (JCI) facility: this site is located south of the Montrose Property. The groundwater beneath this facility is impacted with chlorinated VOCs, primarily tetrachloroethene (PCE) and TCE.

Data provided by third parties has not been validated, but is presented for informational purposes only, per direction by the USEPA.

Monitor wells that were included in the 2015 Second Baseline Groundwater Monitoring Event (wells that are associated with the Dual Site and the other environmental sites) are listed in Table 1, with the corresponding water levels measured during this event. Field logs from the sampling event are provided in Appendix A. Waste management records are provided in Appendix B.

The hydrology of the Site is presented in Section 1.1 below; water levels within each hydrologic unit are presented in Figures 3 through 7. Historic water levels for the Site are presented in Appendix C.

The principal COCs for the Dual Site and the other environmental sites, as noted above, are chlorobenzene, pCBSA, chloroform, benzene, TCE, and PCE. The other COC being monitored at the Dual Site is tert-butyl alcohol (TBA). These COCs, with the corresponding concentrations measured during this event, are listed in Table 2 (VOCs) and Table 3 (pCBSA). Quality Control and Quality Assurance (QA/QC) data for the analytical sampling portion of this event are presented in Table 4. Historic concentrations of these COCs and other pertinent compounds are provided by access to the project portal.

The 1999 Dual Site ROD established a pump and treat groundwater remedy for the Site. This is termed the Torrance Groundwater Remediation System (TGRS), described in Section 1.2 and depicted in Figure 2.

Also in the 1999 Dual Site ROD, USEPA designated a technical impracticability zone (TI-Waiver Zone; also referred to as the containment zone) due to the overlapping chlorobenzene

and benzene non-aqueous phase liquid (NAPL) zones where remediation of groundwater to in-situ groundwater standards (ISGS) is not achievable. In the vicinity of the Site, the TI-Waiver Zone was based on the known extent of the benzene plume at the time the 1999 Dual Site ROD was written. The extent of the TI-Waiver zone in the upper Bellflower aquitard, Bellflower sand and Gage Aquifer are shown on the plume concentration contour figures, Figures 8 through 38.

1.1 Site Hydrology

The subsurface in the vicinity of the Site includes the Bellflower Aquitard and the underlying Gage and Lynwood aquifers. The water-bearing units of the Bellflower Aquitard are the Upper Bellflower (UBF), Middle Bellflower B Sand (MBFB), and the Middle Bellflower C Sand (MBFC). The hydrologic units associated with the Dual Site Operable Unit are briefly summarized below (from shallowest to deepest):

Water Table:
The uppermost water-bearing unit at the Dual Site is the UBF. The UBF is saturated at both the Montrose and Del Amo sites but unsaturated at the ILM and Boeing sites. At the Montrose site, the UBF occurs from approximately 60 to 95 feet bgs and is characterized by interbedded layers of fine-grained sand and silt/clay, and from approximately 95 to 105 feet bgs, is predominantly composed of silty sand. At the Del Amo site, the UBF is not as thick and is underlain by the Middle Bellflower B Sand (MBFB) within this depth interval. The MBFB is the uppermost water-bearing unit at the ILM and Boeing sites. Water Table figures in this report contain data from both the UBF and MBFB wells, where appropriate. The MBFB is confined at the Del Amo site, and thus, the MBFB is not a component of the Water Table underlying the Del Amo site.

Middle Bellflower B Sand (MBFB):
The MBFB is a fine-grained sand with minor muddy layers and laminations. This unit is present within the western portion of the Del Amo site and has an average thickness of approximately 15 feet. The aquitard underlying the MBFB tapers out toward the central portion of the Del Amo site, where the MBFB and MBFC merge and occur as one water-bearing unit over a significant portion of the Del Amo site. The MBFB is between 20 and 30 feet thick and unconfined at the ILM and Boeing sites.

Middle Bellflower C Sand (MBFC): The MBFC directly underlies the UBF/MBFB and typically occurs from approximately 105 to 130 feet bgs. The MBFC is predominantly composed of fine-grained sand with increasing grain size towards the bottom of the unit. The MBFC is a confined aquifer with water levels only slightly deeper than in the UBF.

Gage Aquifer (Gage): The Gage Aquifer underlies the MBFC and typically occurs from approximately 140 to 200 feet bgs. The Lower Bellflower Aquitard separates the two aquifer units. The Gage is predominantly composed of fine-grained sand with decreasing grain size

towards the bottom of the unit and is relatively homogeneous at the Site. The Gage is a confined aquifer unit with water levels typically 1 to 2 feet deeper than in the MBFC.

Lynwood Aquifer (Lynwood): The Lynwood Aquifer underlies the Gage and typically occurs beginning at a depth of approximately 230 feet bgs. The Gage-Lynwood Aquitard separates the two aquifer units. The upper portion of the Lynwood is predominantly composed of fine to medium-grained sand, while underlying portions are predominantly composed of well-graded sands, gravelly sands, and sandy gravels. The Lynwood is a confined aquifer with water levels approximately 10 feet deeper than in the Gage.

1.2 Description of Torrance Groundwater Remediation System

Pursuant to the requirements of the ROD, the groundwater remedy for the Site involves pumping, treating, and re-injecting as close as feasible to 700 gallons per minute (gpm) of groundwater from three water-bearing zones as follows:

- Water Table - extraction from two wells: UBA-EW-1 and UBA-EW-3.
- MBFC - extraction from five wells: BF-EW-1 through BF-EW-5.
- Gage - extraction occurs from four wells: G-EW-1 through G-EW-4.

Groundwater extracted from the above-referenced 11 wells will be conveyed through underground pipelines to the Montrose Property for treatment. At the Montrose Property, the groundwater will be treated using a combination of advanced oxidation (HiPOx™), air stripping, and carbon adsorption to remove dissolved VOCs and pCBSA as needed to comply with the re-injection and ISGS as established in the ROD. The treated groundwater will be pumped through additional conveyance pipelines to seven Gage Aquifer injection wells located along the western and eastern flanks of the chlorobenzene plume including G-IW-1 through G-IW-7. The location of the groundwater extraction/injection well network and associated conveyance pipelines is provided in Figure 2. The TGRS is expected to operate an estimated 30 to 50 years to reduce chlorobenzene concentrations to below the ISGS in water-bearing units outside the TI Waiver Zone extent. Phase 2 functional testing of the TGRS performed in November 2015 demonstrated that the TGRS can meet ISGS and injection standards. USEPA has delayed startup of the TGRS pending completion of an anti-degradation analysis.

1.3 Description of Monitor well Network

There is an extensive monitor well network present in the vicinity of the Dual Site, concentrated on the Montrose, Del Amo, Boeing C-6, and ILM sites. A smaller number of groundwater monitor wells is present at the JCI, PACCAR, and American Polystyrene sites. Monitor wells included in the Second Baseline Groundwater Monitoring Event are listed in Table 1.

Routine groundwater monitoring is not currently conducted at the PACCAR and American Polystyrene sites. (Note: at the request of USEPA, some limited historical data from the PACCAR and American Polystyrene sites are used in the PCE and TCE water-table isoconcentration maps, shown as "Amoco/Trico" data. This is described more within the PCE and TCE discussions, later in the report.) As part of this 2015 sampling, JCI conducted sampling of three wells at their property. Additionally, the remedial investigations at certain sites, including JCI, PACCAR and American Polystyrene sites are not yet complete. The combined monitor well network from all Responsible Parties and surrounding facilities is extensive (more than 330 wells) and provides a comprehensive set of data for characterizing groundwater impacts and monitoring remedy progress at the Dual Site.

1.4 Monitoring Objectives

The overall objective of the monitoring program is to collect reliable and sufficient groundwater data for monitoring remedy performance and demonstrating compliance with the objectives established in the ROD (USEPA, 1999). The ROD established a series of monitoring program objectives specific to hydraulic containment, plume reduction, and pCBSA monitoring as detailed in the respective MACPs (AECOM, 2014) (URS, 2014).

2 GROUNDWATER ELEVATIONS AND FLOW

Between September and October 2015, groundwater levels were collected from 339 wells. The number of wells gauged by unit is described below:

- 151 water table wells, consisting of 40 Montrose wells, 46 Del Amo monitor wells, 39 Boeing monitor wells, 23 ILM monitor wells, and 3 JCI monitor wells
- 12 MBFB wells, all of which are Del Amo monitor wells
- 97 MBFC wells, consisting of 42 Montrose wells, 15 Del Amo monitor wells, 30 Boeing monitor wells, and 10 ILM monitor wells
- 73 Gage Aquifer wells, which includes 48 Montrose wells, 10 Del Amo Superfund monitor wells, 6 Boeing monitor wells, and 9 ILM monitor wells
- 6 Lynwood Aquifer wells

Groundwater levels were measured from the surveyed top of casing. 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 levels and elevations for all gauged wells are provided in Table 1. Montrose top-of-casing elevations are based on the National Geodetic Vertical Datum (NGVD) 29. The surveyed top of casing elevations for the wells owned by Boeing, ILM, and JCI are based on the North American Vertical Datum (NAVD) 88. The difference in the two survey datum points is approximately 2.45 feet. Consequently, the groundwater elevations reported for the Boeing, ILM, and JCI wells were corrected by subtracting 2.45 feet. The elevations shown in Table 1 and the figures are the corrected values for NGVD 29. For the discussion below, especially as it relates to ranges in water levels, the focus is on the Dual Site Monitor wells.

TGRS extraction wells were not operating within 48-hours of the gauging event. However, seven Boeing extraction wells (EWB003, MW0005, WCC-07S, EWC003, EWC005, EWG001 and EWG002) were operating; this causes a localized depression around EWB003 and MW005, shown on water table and MBFC groundwater elevation maps.

2.1 Water Table

The depth to groundwater in the Dual Site Water Table monitor wells ranged from 29.52 (PZL0007) to 65.02 feet (ft) (MW-8). Groundwater elevations ranged from +1.69 feet mean sea level (MSL) at PZL0019 to -20.76 ft MSL at SWL0042. Groundwater elevations are provided in Table 1 and mapped in Figure 3. The localized affect from the operating Boeing extraction wells EWB003 and MW005, north of the Montrose property, is shown on Figure 3.

The horizontal hydraulic gradient in the Water Table across the Dual Site is relatively small at approximately 0.00192 ft/ft in a generally southerly direction. This is an increase compared to 0.0002 ft/ft measured in 2014, and 0.0003 ft/ft measured in 2012.

Groundwater elevations in Dual Site Water Table wells have risen by approximately 0.25 ft since the groundwater event in 2014, from an average elevation of -9.83 ft MSL to an average of -9.58 ft MSL in 2015.

2.2 MBFB

The depth to groundwater in the Dual Site MBFB monitor wells ranged from 35.69 (SWL0019) to 53.70 feet (SWL0032). Groundwater elevations ranged from -10.16 ft MSL at SWL0047 to -12.03 ft MSL at SWL0032. Groundwater elevations are provided in Table 1 and mapped in Figure 4**.**

The horizontal hydraulic gradient in the MBFB across the Dual Site is relatively small at approximately 0.0004 ft/ft in a generally southeasterly direction. This is generally consistent with 0.0005 ft/ft measured in 2014, and 0.0003 ft/ft measured in 2012.

Groundwater elevations in Dual Site MBFB wells have decreased by approximately 0.11 ft since the groundwater event in 2014, from an average elevation of –10.97 ft MSL to an average of -11.07 ft MSL in 2015.

2.3 MBFC

The depth to groundwater in the Dual Site MBFC monitor wells ranged from 33.54 (BF-15) to 65.78 ft (BF-34). Groundwater elevations ranged from -9.59 ft MSL at SMW0013 to -13.45 ft MSL at BF-36. Groundwater elevations in the MBFC are provided in Table 1 and mapped in Figure 5. The localized affect from the operating Boeing extraction wells EWB003 and MW005, north of the Montrose property, is shown on Figure 5.

The horizontal hydraulic gradient in the MBFC downgradient from the Dual Site is approximately 0.0003 to 0.0004 ft/ft in a south/southeasterly direction. The hydraulic gradient increases slightly to the southeast (i.e., from 0.0004 to 0.0005 ft/ft). The horizontal gradient is consistent with the gradient previously measured in 2012 and 2014.

Groundwater elevations in the Dual Site MBFC monitor wells have risen by approximately 0.22 ft since the groundwater event in 2014, from an average elevation of -11.09 ft MSL to an average of -10.87 ft MSL in 2015.

2.4 Gage

The depth to groundwater in the Dual Site Gage monitor wells ranged from 34.33 ft (G-08) to 66.05 ft (G-20). Groundwater elevations ranged from -10.19 ft MSL at G-30 to –16.8 ft MSL at G-32. Groundwater elevations in the Gage Aquifer are provided in Table 1 and mapped in Figure 6.

The horizontal hydraulic gradient in the Gage Aquifer downgradient from the Dual Site is approximately 0.0003 to 0.0004 ft/ft in a southeast/easterly direction. This horizontal gradient is consistent with the gradient previously measured in 2014 and 2012.

Groundwater elevations in the Dual Site Gage monitor wells have risen by approximately 0.35 ft since the groundwater event in 2014, from an average of -12.32 ft MSL to an average of -11.97 ft MSL in 2015.

2.5 Lynwood

The depth to groundwater in the Dual Site Lynwood monitor wells ranged from 60.13 ft (L-03) to 68.25 ft (L-07). Groundwater elevations ranged from -19.56 ft MSL at LW-01 to –19.85 ft MSL at LW-02. Groundwater elevations in the Lynwood Aquifer are provided in Table 1 and mapped in Figure 7.

The horizontal hydraulic gradient in the Lynwood Aquifer at the Dual Site is approximately 0.0001 ft/ft in a northeasterly direction. This horizontal hydraulic gradient is identical to the gradient previously measured in 2014 and 2012.

Groundwater elevations in the Site Lynwood monitor wells have risen by approximately 1.75 ft since the monitoring event in 2014, from an average of -21.46 ft MSL to an average of -19.71 ft MSL in 2015.

2.6 Vertical Gradients

The vertical hydraulic gradient between aquifer units was calculated by dividing the difference in groundwater elevations with the difference in screened intervals at paired or co-located wells. The vertical hydraulic gradients between aquifer units at the site are downward and increase with increasing depth as follows:

<u>Water Table to confined MBFB underlying the Del Amo property:</u>

The vertical hydraulic gradient between Water Table and MBFB is downward at approximately 0.085 ft/ft, ranging between approximately 0.038 and 0.094 ft/ft. The vertical head difference between water elevations is approximately 0.75 to 2.55 ft.

UBF to MBFC: The vertical hydraulic gradient between the UBF and MBFC is downward and averages approximately 0.013 ft/ft, ranging between approximately 0.001 and 0.030 ft/ft. The vertical head difference between water elevations is approximately 0.07 to 0.56 ft, which is consistent with the head difference reported previously (i.e., 0.1 to 0.6 feet in 2014).

MBFC to Gage: The vertical hydraulic gradient between the MBFC and Gage Aquifer is downward and averages approximately 0.032 ft/ft, ranging between approximately 0.010 and 0.056 ft/ft. The vertical head difference between water elevations ranges between approximately 0.2 and 1.24 ft, which is within the range previously measured (i.e., 0.56 to 1.24 feet in 2014).

Gage to Lynwood: The vertical hydraulic gradient between the Gage and Lynwood Aquifers is downward and averages approximately 0.20 ft/ft, ranging between approximately 0.136 and 0.343 ft/ft. The vertical head difference between water elevations ranges between approximately 8.3 and 10 ft, which is on the lower range of head differences previously reported (i.e., between approximately 10 and 11 feet in 2006, 2012, and in 2014).

3 CHLOROBENZENE, PCBSA, AND CHLOROFORM DISTRIBUTION

During the 2015 Second Baseline Groundwater Monitoring Event, 284 wells were sampled at the Dual Site and at the JCI, ILM, and Boeing properties; all samples were analyzed for VOCs and 138 samples were analyzed for pCBSA.

TGRS extraction wells were also sampled during 2015, but separately from the baseline event. These data are included in this report to assist in describing the conditions at the Site prior to the startup of the TGRS. TGRS extraction wells were sampled between February 2015 and November 2015. These data are included with the baseline data in Tables 1 and 2, and on the isoconcentration figures.

A summary of sampling methods is provided in Section 3.1. The sampling results for chlorobenzene, pCBSA, and chloroform, per hydrographic unit, are presented in sections 3.2 through 3.4, respectively.

The concentrations of chlorobenzene and chloroform are summarized in Table 2. The pCBSA concentrations are summarized in Table 3. Isoconcentration maps of chlorobenzene, pCBSA, and chloroform, per hydrographic unit, are provided as Figures 8 through 19. As a reminder, the UBF as defined at the Montrose, ILM, and Boeing Sites is hydrogeologically consistent with the MBFB; together these are termed in this report as the "water table", as it relates to these specific sites. Therefore, for the three COCs of this section (Section 3), there is no separately contoured concentration map for the MBFB.

As described in the ROD, "*Chlorobenzene plume refers to the entire distribution of chlorobenzene in groundwater at the Joint Site, and all other contaminants that are commingled with the chlorobenzene. Benzene, TCE, PCE, and a variety of other contaminants are present within the chlorobenzene plume. The chlorobenzene plume is present in the MBFB Sand (note that the UBF is generally not saturated in the area where the chlorobenzene plume occurs), the MBFC Sand, the Lower Bellflower Aquitard (LBF), the Gage Aquifer, the Gage-Lynwood Aquitard, and the Lynwood Aquifer, based on data collected in the remedial investigation.*"

Montrose is responsible only for the data they individually collected, and any statements regarding Montrose COCs described in this section are attributable only to Montrose.

3.1 Sampling and Analytical Methods

Groundwater samples were collected using low flow sampling methods per the AECOM 2014 MACP, and in compliance with established USEPA protocols (USEPA, 1996). A low flow bladder pump, dedicated tubing, and a compressed nitrogen cylinder were used to collect groundwater samples from the middle of the well screen. The pump was positioned in the middle of the well screen, and the well purged at a low flow between 100 and 400 milliliters per minute.

The water level in the well was gauged to verify no or minimal drawdown during purging. The purge times for wells sampled in accordance with the AECOM 2014 MACP, were generally from a minimum of 20 minutes, ranging up to close to one hour. With the exception of well MW-23, the drawdown during low flow purging was generally close to zero and significantly less than 0.33 ft. In rare instances (e.g., MW-23 and MW-01), turbidity measurements did not reach the targeted 20 Nephelometric turbidity units prior to sampling. Additional refinements and improvements will be made to the field sampling protocols as the MACP program progresses. Groundwater data generated during well purging were recorded on a field purge log, which are presented in **Appendix A.**

Before and after each well, the stainless steel components were decontaminated utilizing a standard triple rinse method and non-phosphate detergent, and the disposable bladder and tubing were replaced. Only distilled water was utilized during decontamination procedures; Site water was not used during any portion of the field operations. Decontamination and purge water was pumped to the TGRS for processing.

Following purging, groundwater samples were collected directly from the pump tubing using laboratory-supplied sample containers which were filled with no void or trapped air space. Sample containers were labeled, packed in coolers, and transferred to a courier to be transported to Eurofins CalScience Environmental Laboratory under proper chain-of-custody procedures.

3.2 Chlorobenzene

3.2.1 Water Table

A total of 139 Water Table wells were sampled during the 2015 Second Baseline Groundwater Monitoring Event. Samples were collected and analyzed for chlorobenzene by USEPA Method 8260B from wells screened in the Water Table. Monitor well MW-2, located within the DNAPL impacted area, is included for the purposes of characterizing the dissolved chlorobenzene concentration.

Chlorobenzene concentrations in the Water Table varied from 0.28 (J) micrograms per liter (µg/L) at MW-10, to 230,000 µg/L at MW-2. Concentrations that exceeded the ISGS of 70 µg/L were detected. Chlorobenzene results from Water Table samples are provided in Table 2 and mapped in Figure 8. UBF extraction well data collected throughout 2015 are also presented in Table 2 and Figure 8.

Chlorobenzene concentrations in the Water Table were generally consistent with historical results. Concentrations in SWL0049 have continued to decline back within historical ranges. Distribution of chlorobenzene in the Water Table remains relatively unchanged from the 2014 baseline groundwater monitoring event. Concentration-versus-time graphs of select wells are presented in Appendix E.

3.2.2 MBFC

A total of 83 MBFC wells were sampled during the 2015 Second Baseline Groundwater Monitoring Event. Samples were collected and analyzed for chlorobenzene by USEPA Method 8260B.

Chlorobenzene concentrations in the MBFC varied from 0.25 (J) µg/L at BF-05 to 72,000 µg/L at BF-09. Concentrations exceeding the ISGS of 70 µg/L were detected. Chlorobenzene results from MBFC samples are provided in Table 2 and mapped on Figure 9. MBFC extraction well data collected throughout 2015 are also presented in Table 2 and Figure 9.

Chlorobenzene concentrations in the MBFC were generally consistent with historical results with the exception of results from BF-11, which for the second consecutive year showed a chlorobenzene concentration significantly below the historical range of 100 to 8,800 µg/L. The 2014 result was 6.1 µg/L and the 2015 result is 1.5 µg/L.

The overall distribution of Chlorobenzene in the MBFC remains relatively unchanged from the 2014 baseline Groundwater Monitoring Event. Concentration-versus-time graphs of select wells are presented in Appendix E.

3.2.3 Gage

A total of 56 Gage wells were sampled during the 2015 Second Baseline Groundwater Monitoring Event. Samples were collected and analyzed for chlorobenzene by USEPA Method 8260B.

Concentrations in the Gage Aquifer varied from 0.63 (J) µg/L at G-28 to 8,100 µg/L at G-02. Concentrations exceeding the ISGS of 70 µg/L were detected. Chlorobenzene results from Gage samples are provided in Table 2 and are mapped in Figure 10. Data from Gage extraction well samples collected throughout 2015 are also presented in Table 2 and Figure 10.

Chlorobenzene concentrations in the Gage monitor wells were generally consistent with historical results. Well G-25 contained 1,600 µg/L in the October 2015 sample; historically chlorobenzene had ranged from 30 to 910 µg/L. With the exception of the affect of G-25 toward the west, the overall distribution of Chlorobenzene in the Gage remains relatively unchanged from the 2014 Baseline Groundwater Monitoring event. Concentration-versus-time graphs of select wells are presented in Appendix E. Monitor well G-25 will be recommended for confirmation sampling.

3.2.4 Lynwood

Chlorobenzene was detected in five of the six samples collected from Lynwood monitor wells that were analyzed for chlorobenzene by USEPA Method 8260B. Each detected concentration was below the ISGS. Concentrations in the Lynwood aquifer were generally consistent with historical results and the results from the 2014 Baseline Groundwater Monitoring Event. The overall distribution of chlorobenzene in the Lynwood remains relatively unchanged from the prior groundwater monitoring events. Results from Lynwood samples are provided in Table 2 and are mapped in Figure 11.

3.2.5 Dense Non-Aqueous Phase Liquid (DNAPL)

A DNAPL composed of chlorobenzene and DDT is present at the Montrose site within the UBF. Based on samples collected between 1998 and 2009, the DNAPL is composed of approximately 50 percent chlorobenzene, 50 percent DDT, and less than 1% other chemicals including chloroform, 1,4-dichlorobenzene, methyl ethyl ketone, and pCBSA (AECOM, 2013). DNAPL has been definitively detected in the unsaturated zone and saturated UBF, predominantly at depths ranging from approximately 75 to 95 ft bgs. The majority of the observed DNAPL is perched on low permeability silt layers within the UBF.

The possible presence of DNAPL in the saturated UBF occurs over an area of approximately 160,000 square feet and is most predominant within the former Central Process Area (CPA) at the Montrose site. DNAPL extends east of the former CPA due to migration along the top of low permeability silt layers in the down-slope direction. DNAPL has historically been recovered from seven UBF wells at the Montrose site including MW-2, UBT-1 through UBT-3, UBE-1, UBE-4, and UBE-5. Mobile DNAPL continues to passively accumulate in several of these wells at the Montrose site and is periodically purged. MW-2 is the only UBF monitor well within the DNAPL-impacted area that was sampled during the Second Baseline Groundwater Monitoring Event and serves to characterize this source area.

Other than dissolved-phase concentrations exceeding 1 percent of the solubility limit, there is no direct evidence that DNAPL is present in the underlying MBFC. No DNAPL has been observed accumulating in any MBFC wells, and the presence of chlorobenzene in the MBFC at concentrations greater than 1 percent of the solubility limit can be attributed to vertically downward hydraulic groundwater gradients between the UBF and MBFC.

3.3 pCBSA

3.3.1 Water Table

Samples were collected from 45 Water Table wells for analysis by modified USEPA Method 314.0 for pCBSA. pCBSA was detected at concentrations that ranged between 3.5 µg/L (J) at

MW-22, and 670,000 µg/L at MW-1. (The concentration of pCBSA at UBA-EW-1 was most recently measured in November 2015 to be 530,000 µg/L, and has ranged up to 630,000 µg/L, as measured in March 2015.) pCBSA results from Water Table wells are provided in Table 3and are mapped on Figure 12. UBF extraction well data are also provided in Table 2 and on Figure 12.

pCBSA concentrations in the Water Table were generally consistent with historical results. The overall distribution of pCBSA in the water table remains relatively unchanged from the 2014 baseline monitoring event. Concentration-versus-time graphs of select wells are presented in Appendix E.

3.3.2 MBFC

Samples were collected from 45 MBFC wells for analysis by modified USEPA Method 314.0 for pCBSA. Concentrations in MBFC monitor wells varied from 4.3 µg/L (J) at SWL0013 to 380,000 µg/L (H) at BF-09. pCBSA results from MBFC samples are provided in Table 3, and are mapped on Figure 13**.** MBFC extraction-well data are also provided in Table 3 and on Figure 13

pCBSA concentrations in the MBFC were generally consistent with historical results with the exception of BF-01; the pCBSA concentration of 2,000 µg/L is above the historical range (<50 µg/L in 2004, 2005, and 2104). BF-01 will be recommended for confirmation sampling. With the exception of BF-01, the overall distribution of pCBSA in the MBFC remains relatively consistent with historical results. Concentration-versus-time graphs of select wells are presented in Appendix E.

3.3.3 Gage

Samples were collected from 42 Gage monitor wells for analysis by modified USEPA Method 314.0 for pCBSA. Concentrations in the Gage monitor wells varied from <5 µg/L at several wells to 37,000 µg/L at SWL0034. pCBSA results from Gage samples are provided in Table 3 and are mapped on Figure 14. Gage extraction-well data are also provided in Table 3 and on Figure 14.

pCBSA concentrations in the Gage Aquifer were generally consistent with historical results with the exception of LG-01, with a concentration of 170 µg/L, which is significantly below the historical range (11,000 – 26,000 µg/L between 2004 and 2014). LG-01 will be recommended for confirmation sampling. With the exception of LG-01, the overall distribution of pCBSA in the Gage remains relatively with historical results. Concentration-versus-time graphs of select wells are presented in Appendix E.

3.3.4 Lynwood

Samples were collected from all six Lynwood Aquifer monitor wells and analyzed for pCBSA by USEPA Method 314.0 Modified. pCBSA concentrations in the Lynwood Aquifer varied from <5 µg/L at two wells to 220 µg/L at LW-4. pCBSA results are provided in Table 3 and Lynwood concentrations are mapped on Figure 15. pCBSA concentrations in the Lynwood Aquifer were generally consistent with historical results.

3.4 Chloroform

3.4.1 Water Table

A total of 139 Water Table wells were sampled during the 2015 Second Baseline Groundwater Monitoring Event. Samples were collected and analyzed for chloroform by USEPA Method 8260B. Chloroform concentrations in the Water Table varied from 0.26 (J) µg/L at MWB013, to 50,000 µg/L at UBA-EW-1. Concentrations exceeding the ISGS of 100 µg/L were detected. . Chloroform results from Water Table wells are provided in Table 2 and are mapped in Figure 16, including data from water-table extraction wells collected throughout 2015.

Chloroform concentrations in the water table were generally consistent with historical results. Distribution of chloroform in the water table remains relatively unchanged from the 2014 Baseline Groundwater Monitoring Event. Concentration-versus-time graphs of select wells are presented in Appendix E.

3.4.2 MBFC

A total of 83 MBFC wells were sampled during the 2015 Second Baseline Groundwater Monitoring Event. Samples were collected and analyzed for chloroform by USEPA Method 8260B. Chloroform concentrations in the MBFC varied from 0.41 (J) µg/L at MWC028, to 4,900 µg/L at BF-09. Concentrations exceeding the ISGS of 100 µg/L were detected. Chloroform results from MBFC wells are provided in Table 2 and mapped in Figure 17, including data from MBFC extraction wells collected throughout 2015.

Chloroform concentrations in the MBFC were generally consistent with historical results with the exception of BF-09, which was measured to contain 4,900 µg/L compared to 930 in 2014 and 260 in 2008. Distribution of chloroform in the MBFC remains relatively unchanged from the 2014 Baseline Groundwater Monitoring Event. Concentration-versus-time graphs of select wells are presented in Appendix E.

3.4.3 Gage

A total of 56 Gage wells were sampled during the 2015 Second Baseline Groundwater Monitoring Event. Samples were collected and analyzed for chloroform by USEPA Method 8260B. Chloroform concentrations in the Gage varied from < 1.0 (U) µg/L at multiple wells to a detected high of 1.9 µg/L at G-31. No samples contained concentrations that exceeded the ISGS of 100 µg/. Chloroform results from Gage wells, including extraction wells, are provided in Table 2 and are mapped in Figure 18.

Chloroform concentrations in the Gage were generally consistent with historical results. Distribution of chloroform in the Gage remains relatively unchanged from the 2014 Baseline Groundwater Monitoring Event. Concentration-versus-time graphs of select wells are presented in Appendix E.

3.4.4 Lynwood

Chloroform was not detected above the reporting limit of 1.0 µg/L in any of the six Lynwood wells. Concentrations in the Lynwood aquifer were generally consistent with historical results and the results from the 2014 Baseline Groundwater Monitoring Event. The overall distribution of chloroform in the Lynwood remains relatively unchanged from the prior groundwater monitoring events. Results are provided in Table 2 and Lynwood concentrations are mapped in Figure 19.

4 BENZENE DISTRIBUTION

The distribution of dissolved benzene for the different hydrostratigraphic units is provided in Figures 20 through 24.

As described in the ROD, *"Benzene plume refers to the portion of the distribution of benzene in groundwater at the Joint Site that is not commingled with chlorobenzene. Put another way, the benzene plume is that benzene within the Joint Site that lies outside the chlorobenzene plume. The benzene plume occurs in the Upper Bellflower, the MBFB Sand, the MBFC Sand, and may occur in the LBF, based on data collected in the remedial investigation. Benzene that is commingled with chlorobenzene is not considered to be part of the benzene plume, but is instead part of the chlorobenzene plume. The benzene plume includes ethyl benzene and naphthalene, among other contaminants."*

Different colored isoconcentration lines have been used to illustrate benzene distribution, both within and outside of the Dual Site. Blue isoconcentration lines represent benzene concentrations within the benzene plume, green isoconcentration lines represent benzene concentrations within the chlorobenzene plume, and brown isoconcentration lines represent a benzene plume not within the Dual Site.

Del Amo is responsible only for the data they individually collected, and any statements regarding Del Amo COCs discussed in this section are attributable only to Del Amo.

4.1 Sampling and Analytical Methods

Groundwater samples were collected using low flow sampling methods per the 2014 URS MACP, and in compliance with established USEPA protocols (USEPA, 1996). A low flow bladder pump, dedicated tubing, and a compressed nitrogen cylinder were used to collect groundwater samples from the middle of the well screen. The pump was positioned in the middle of the well screen, and the well purged at a low flow between 100 and 400 milliliters per minute. The water level in the well was gauged to verify no or minimal drawdown during purging.

Before and after each well, the stainless steel components were decontaminated utilizing a standard triple rinse method and non-phosphate detergent, and the disposable bladder and tubing were replaced. Only distilled water was utilized during decontamination procedures; Site water was not used during any portion of the field operations. Groundwater data generated during well purging were recorded on a field purge log, which are presented in Appendix A.

Purge water was stored in a temporary tank located at the Waste Pit OU pending waste profiling to determine appropriate off-site disposal. The purge water was subsequently transported by

American Integrated Services as hazardous waste to Evoqua Water Technologies in Vernon, California for treatment and recycling. The waste disposal manifest is provided in Appendix B.

Following purging, groundwater samples were collected directly from the pump tubing using laboratory-supplied sample containers which were filled with no void or trapped air space. Sample containers were labeled, packed in coolers, and transferred to a courier to be transported to Eurofins CalScience Environmental Laboratory under proper chain-of-custody procedures. Samples were analyzed for benzene by USEPA method 8260.

4.2 Water Table

The Water Table dissolved benzene distribution and individual well concentration data are presented on Figure 20. The maximum benzene concentration was 470,000 µg/L in well PZL0020 at the Del Amo site.

A statistical analysis was performed on benzene concentrations vs. time for wells (within the benzene plume) with multiple detections throughout the period of record, and included in the Second Baseline Groundwater Monitoring Event. A Mann-Kendall analysis was completed on data for wells in each aquifer to determine if there was a statistically significant trend. The Mann-Kendall p-values for each benzene dataset are summarized in Appendix F. If the p-value is less than 0.05, the estimated trend is a statistically significant fit to the data. A p-value greater than 0.05 suggests that the fit is not statistically significant. Wells within the Water Table with a statistically significant increasing or decreasing trend for benzene are indicated in the table below. For all other wells, the trend was either not statistically significant or there was insufficient data for analysis.

Benzene (Water Table) Statistically Significant Trends			
Well Name	Trend	Well Name	Trend
PZL0001	Decreasing	SWL0044	Decreasing
PZL0006	Decreasing	SWL0046	Decreasing
PZL0011	Decreasing	SWL0051	Decreasing
PZL0013	Decreasing	SWL0057	Decreasing
PZL0016	Decreasing	MW-01	Decreasing
PZL0024	Decreasing	MW-02HD	Decreasing
PZL0025	Decreasing	MW-03HD	Decreasing
SWL0003	Decreasing	MW-04HD	Decreasing
SWL0004	Decreasing	MW-05	Decreasing
SWL0005	Decreasing	MW-06	Decreasing
SWL0008	Decreasing	MW-09	Decreasing
SWL0016	Decreasing	MW-10	Decreasing

SWL0017	Decreasing	MW-21	Decreasing
SWL0024	Decreasing	MW-27	Decreasing
SWL0038	Decreasing		

Historical data spreadsheets, concentration plots (for wells included in the Second Baseline Groundwater Monitoring Event) with linear time-series trend estimates (green line) and corresponding 95% confidence intervals (green dashed lines), and results pertaining to the Mann-Kendall trend test are provided in Appendix F for benzene.

4.3 MBFB

The MBFB dissolved benzene distribution and individual well concentration data are presented on Figure 21. Benzene was detected in MBFB wells at concentrations of up to 140,000 µg/L, with the maximum concentration occurring in well SWL0048 at the Del Amo site.

A Mann-Kendall analysis was completed, as described in Section 4.1, to identify MBFB wells (included in the Second Baseline Groundwater Monitoring Event) with benzene concentration trends. The results of the analysis are summarized in the table below and associated historical data spreadsheets, concentration trend plots, and results are provided in Appendix F.

Benzene (MBFB) Statistically Significant Trends			
Well Name	Trend	Well Name	Trend
SWL0003	Decreasing	MW-09	Decreasing
SWL0004	Decreasing	MW-10	Decreasing
SWL0041	Decreasing	MW-11	Decreasing
SWL0048	Increasing	MW-12	Decreasing
SWL0049	Decreasing	MW-13	Decreasing
MW-01	Decreasing	MW-21	Decreasing
MW-05	Decreasing	MW-27	Decreasing
MW-06	Decreasing	SWL0060	Increasing

4.4 MBFC

The MBFC benzene distribution and individual well concentration data are presented on Figure 22. Benzene was detected in MBFC wells at concentrations of up to 240 µg/L. The maximum concentration was detected in well SWL0060, which is completed in the MBFB/MBFC, which are merged in this area.

A Mann-Kendall analysis was completed, as described in Section 4.1, to identify MBFC wells (included in the Second Baseline Groundwater Monitoring Event) with benzene concentration

trends. The results of the analysis are summarized in the table below and associated historical data spreadsheets, concentration trend plots, and results are provided in Appendix F.

Benzene (MBFC) Statistically Significant Trends	
Well Name	Trend
SWL0054	Decreasing
SWL0055	Decreasing
SWL0058	Decreasing
SWL0060	Increasing
BF-13	Decreasing

4.5 Gage

The Gage Aquifer benzene distribution and individual well concentration data are presented on Figure 23. Benzene was detected at concentrations of up to 41 µg/L at SWL0063.

A Mann-Kendall analysis was completed, as described in Section 4.1, to identify Gage wells (included in the Second Baseline Groundwater Monitoring Event) with benzene concentration trends. The results of the analysis are summarized in the table below and associated historical data spreadsheets, concentration trend plots, and results are provided in Appendix F.

Benzene (Gage) Statistically Significant Trends	
Well Name	Trend
G-04	Decreasing
G-13	Decreasing

4.6 Lynwood

Benzene was analyzed in six Lynwood wells, as indicated on Figure 24. Benzene was not detected in any of these wells.

4.7 NAPL

NAPL was detected in MBFB well SWL0032 near the western Del Amo site boundary with a thickness of 2.15 feet during the Second Baseline Groundwater Monitoring Event. Historical data indicates this NAPL is composed almost entirely of benzene. NAPL was additionally detected at Water Table well PZL0019 at the Del Amo Waste Pits during the recent monitoring

event, exhibiting a thickness of 13.94 feet, although the actual thickness of the NAPL was difficult to measure due to the viscous nature of the material. Approximately 3.7 gallons of NAPL and water were purged from well PZL0019 during the 2015 event. Analytical results from 2014 indicate this NAPL is consistent with other historical analytical results for waste pit samples.

NAPL containing benzene has historically also been present in Water Table wells MW-20 and SWL0001, which are both located in close proximity to well SWL0032 (discussed previously) near the western boundary of the Del Amo site. Wells MW-20 and SWL0001 were not gauged or sampled during the Second Baseline Groundwater Monitoring Event.

4.8 Biodegradation Indicators

An analysis of biodegradation indicators was completed for the Second Baseline Groundwater Monitoring Event. The analysis was completed using data from four Water Table transects (Figure G-6) and one MBFB transect (Figure G-7).

Degradation of dissolved hydrocarbons can be facilitated by numerous degradation mechanisms, with one mechanism including certain species of microorganisms indigenous to the subsurface. These microbes obtain energy by metabolizing and breaking down hydrocarbons that have been introduced into the environment. The microbes extract energy by facilitating the transfer of electrons from the hydrocarbon (an electron donor) to oxidized elements in the environment that are electron acceptors. Common electron acceptors in the saturated zone include dissolved oxygen (DO), nitrate (NO_3^-), manganese IV (Mn^{4+}), ferric iron (Fe^{3+}), sulfate (SO_4^{2-}), and carbon dioxide (CO_2). Thus, depleted concentrations of these elements and compounds in hydrocarbon-impacted areas serve as indicators of biodegradation. In some cases, it can be more convenient and/or accurate to measure increased concentrations of the byproducts of the chemical oxidation process rather than decreased concentrations of the electron acceptors. For example, instead of measuring decreases in the concentrations of Fe^{3+} or CO_2, increases in concentrations of ferrous iron (Fe^{2+}) and methane can be measured, which are equally valid biodegradation indicators. Additionally, elevated levels of alkalinity can be used as a general indicator of biodegradation.

Specific environmental conditions dictate which (if any) biodegradation pathways are active, and not all electron acceptors are necessarily present at a site. In general, microorganisms will utilize the most energetically favorable electron acceptors available. DO is typically utilized first since aerobic respiration is the most energetically favorable metabolic pathway. After DO is depleted, microorganisms begin metabolizing hydrocarbons through anaerobic pathways that utilize (in order of preference) NO_3^-, Mn^{4+} , Fe^{3+}, SO_4^{2-}, and CO_2.

Biodegradation indicator analyses completed for the Second Baseline Groundwater Monitoring Event included tests for DO, ORP, CO_2, methane, NO_3, SO_4^{2-}, Fe^{2+}, and total alkalinity. DO is

used in evaluating aerobic biodegradation. The laboratory analyses for nitrate, ferrous iron, sulfate, and methane are used in evaluating anaerobic biodegradation pathways. ORP provides a single measurement that reflects the overall tendency of the environment to support aerobic or anaerobic degradation pathways. The analyses for total alkalinity and c CO_2 can be used to evaluate either aerobic or anaerobic biodegradation pathways.

Locations for which biodegradation indicator analyses were completed included 13 Water Table wells along four transects and six MBFB wells along one transect, as indicated on Figures G-6 and G-7 in Appendix G, respectively. These transects generally provide data at locations up-gradient of the dissolved benzene plume, within the dissolved benzene plume, at the down-gradient fringe of the dissolved benzene plume, and down-gradient and/or cross-gradient of the dissolved benzene plume. Biodegradation indicator data are included in Table G-1 and graphs presenting the data relative to the transect lines and position of the wells relative to the plumes are presented in Figures G-1 through G-5.

A simplified summary of the biodegradation data is presented in the table below, wherein each of the indicators is identified with respect to the expected mid-plume value (where high benzene concentrations are present) relative to the values outside of the plume. An "X" denotes a strong indication (where the expected change is observed at all locations), and an "O" denotes a weaker indication (where the expected change is observed at some locations). A dash (-) indicates the data are not indicative of biodegradation for that pathway. "INS" indicates that the data is not sufficient to make a determination.

Biodegradation Process	**Indicator**	**Mid-plume Biodegradation Indication**	**Transect Occurrences**				
			WT-1	**WT-2**	**WT-3**	**WT-4**	**MBFB-1**
Aerobic	Oxygen Concentration	Reduced	O	X	O	X	X
	Carbon Dioxide Concentration	Increased	O	X	--	O	X
Anaerobic	Ferrous Iron Concentration	Increased	X	X	O	X	O
	Methane Concentration	Increased	X	O	X	O	O
	Nitrate Concentration	Decreased	X	*INS*	*INS*	X	*INS*
	Sulfate Concentration	Decreased	X	X	O	O	O
Overall (Aerobic and Anaerobic)	ORP value	Reduced	X	X	X	X	X
	Alkalinity	Increased	X	X	O	X	X

Conclusions

The following conclusions are reached regarding the dissolved benzene plume distribution from the Second Baseline Groundwater Monitoring Event:

- Water Table:
  - Benzene detections associated with the Del Amo site are entirely within the TI-Waiver Zone
  - Based on Mann-Kendall trend test, 29 Del Amo wells were identified with a statistically significant decreasing benzene concentration trend and no wells were identified with a statistically significant increasing benzene concentration trend; confirming that the benzene plume is decreasing.
- MBFB:
  - Benzene detections associated with the Del Amo site are entirely within the TI-Waiver Zone.
  - Based on the Mann-Kendall trend test, 14 Del Amo wells were identified with a statistically significant decreasing benzene concentration trend and two wells were identified with a statistically significant increasing benzene concentration trend; confirming that the benzene plume is decreasing.
- MBFC:
  - Benzene detections associated with the Del Amo site are entirely within the TI-Waiver Zone, with the exception of the concentrations detected in SWL0060, which is completed in the MBFB/MBFC, which are merged in this area.
  - Based on the Mann-Kendall trend test, four Del Amo wells were identified with a statistically significant decreasing benzene concentration trend and two wells were identified with a statistically significant increasing benzene concentration trend; confirming that the benzene plume is decreasing.
- Gage:
  - The only detected benzene concentration on the Del Amo site is located outside of the TI-Waiver Zone.
  - Based on the Mann-Kendall trend test, two Del Amo wells were identified with a statistically significant decreasing benzene concentration trend and no wells were identified with a statistically significant increasing benzene concentration trend; confirming that the benzene plume is decreasing.
- Lynwood:
  - Benzene was not detected in Lynwood wells.
- NAPL:
  - Detected in MBFB well SWL0032 and Water Table well PZL0019.
  - Historically detected in Water Table wells MW-20 and SWL0001, which are both located in close proximity to well SWL0032.

- Biodegradation Indicators:
  - There is an overall indication that both aerobic and anaerobic biodegradation processes are occurring.
  - Results confirm that the monitored intrinsic biodegradation remedial approach identified in the ROD is appropriate.

5 PCE AND TCE DISTRIBUTION

During the 2015-Second Baseline Monitoring Event, 299 wells were sampled for PCE and TCE; the concentrations are summarized in Table 2. Isoconcentration maps of PCE and TCE are provided as Figures 30 through 38. The sampling methods are described in section 5.1, and results are presented for PCE and TCE by water-bearing unit in sections 5.2 and 5.3, respectively.

Pursuant to direction from USEPA, Montrose and Del Amo have been provided data to allow for generation of TCE and PCE figures. This was done specifically for this Second Baseline Groundwater Monitoring Event report and is not part of Montrose or Del Amo ongoing responsibility for MACR reporting. This includes historical data from the PACCAR and American Polystyrene sites, shown as "Amoco/Trico" data on the water-table maps for PCE and TCE. The Amoco/Trico data are not included in Table 2 as they are significantly outside the timeframe of this baseline sampling and are presented only to help shape the estimated contours.

As defined in the ROD, the "*TCE and TCE plume. The term TCE, when used in this ROD, unless otherwise noted, represents a series of chlorinated solvents, including TCE, PCE, DCE, TCA, and any isomers of these compounds in groundwater at the Joint Site. The term TCE plume refers to the portions of the distributions of any such contaminants in groundwater at the Joint Site that are not commingled with the chlorobenzene plume. The TCE plume occurs in the UBF, the MBFB Sand, and the MBFC Sand, and may occur in the LBF, based on data collected during the remedial investigation. The TCE plume in the Upper Bellflower and MBFB Sand is commingled with and contained within the benzene plume; the TCE plume in the MBFC Sand lies under the benzene plume in the MBFB Sand and north of the benzene plume in the MBFC Sand (See Figure 7-4). TCE (chlorinated solvent) contamination outside the chlorobenzene plume which may exist in the Gage Aquifer is addressed separately and not as part of the TCE plume. TCE that is commingled with chlorobenzene is not considered part of the TCE plume but is part of the chlorobenzene plume."*

5.1 Sampling and Analytical Methods

The methods for sampling and analysis of groundwater samples collected by Montrose and Del Amo are described above in Sections 3.1 and 4.1, respectively. It is anticipated that the methods used by other parties (e.g., ILM, Boeing, etc.) would be in accordance with their respective approved plans.

5.2 PCE

5.2.1 Water Table

A total of 139 water table wells were sampled during the 2015 Second Baseline Groundwater Monitoring Event. Samples were collected and analyzed for PCE by USEPA Method 8260B from wells screened in the water table. PCE concentrations in the water table varied from 0.26 (J) µg/L at WCC_05s, to 8,200 µg/L at MW-06. Historically, concentrations as high as 12,000 µg/L were detected at the PACCAR site in 2003 at well XMW-05T. Concentrations exceeding the ISGS of 5 µg/L were detected. PCE results from Water Table wells, including extraction wells, are provided in Table 2, and are mapped on Figure 30. Figure 30 also shows historical Amoco/Trico PCE data.

PCE concentrations and the distribution of PCE in the water table remain relatively unchanged from the 2014 Baseline Groundwater Monitoring Even and historic ranges. Concentration versus time graphs for select wells are presented in Appendix H.

5.2.2 MBFC

A total of 83 MBFC wells were sampled during the 2015 Second Baseline Groundwater Monitoring Event. Samples were collected and analyzed for PCE by USEPA Method 8260B. PCE concentrations in the MBFC varied from 0.35 (J) µg/L at IWC004 to 35 µg/L at SWL0054. Concentrations exceeding the ISGS of 5 µg/L were detected. PCE results from MBFC wells, including extraction wells, are provided in Table 2 and are mapped on Figure 31.

PCE concentrations and the overall distribution of PCE in the MBFC remains relatively unchanged from the 2014 Baseline Groundwater Monitoring Event and historic ranges. Concentration versus time graphs for select wells are presented in Appendix H.

5.2.3 Gage

A total of 56 Gage wells were sampled during 2015 Second Baseline Groundwater Monitoring Event. Samples were collected and analyzed for PCE by USEPA Method 8260B. Two samples were observed to contain detectable concentrations of PCE: MWG004 with 0.25 (J) µg/L and SWL0066 with 0.62 (J) µg/L PCE, neither of which exceed the ISGS of 5 µg/L. PCE results are provided in Table 2 and Gage concentrations are mapped in Figure 32. Concentration versus time graphs for select wells are presented in Appendix H.

5.2.4 Lynwood

PCE was not detected in any of the six Lynwood monitor wells sampled. This is generally consistent with historical results and the results from the 2014 Baseline Groundwater Monitoring Event. Results are provided in Table 2 and Lynwood concentrations are mapped in Figure 33.

Conclusions

The following conclusions are made with respect to PCE:

- The principal PCE plumes in the Water Table are centered at the ILM, Jones, PACCAR, and Amoco sites, extending onto the Montrose/Del Amo sites.
- PCE is limited in distribution in the MBFC and Gage Aquifer.
- PCE was not detected in Lynwood Aquifer samples.

5.3 TCE

5.3.1 Water Table

The Water Table TCE distribution and individual well concentration data are presented on Figure 34 and indicate the principal plume areas to be centered on the ILM, Boeing, Jones, PACCAR and Amoco sites. The maximum TCE concentration from the Second Baseline Groundwater Monitoring Event of 9,600 µg/L occurs at well IRZMW001A at the Boeing site, although historically, concentrations of up to 46,000 µg/L have occurred at the PACCAR property (PACCAR well XMW-05T, January 2003). Historical detections at the PACCAR property have been taken into consideration in the depiction of the TCE plume in Figure 34, as PACCAR did not participate in the Second Baseline Groundwater Monitoring Event.

A graph of TCE concentrations through time for those wells with TCE detections is presented in Appendix H. A Mann-Kendall analysis was completed, as described in Section 4.1, on data for wells included in the Second Baseline Groundwater Monitoring Event, to identify Water Table wells with TCE concentration trends. Wells within the Water Table with a statistically significant increasing or decreasing trend are indicated in the table below. Associated historical data spreadsheets, concentration trend plots, and results are provided in Appendix H. Comprehensive data for the ILM, Boeing, Jones, PACCAR and Amoco sites are not included in the dual site database and therefore have not been evaluated for concentration trends.

TCE (Water Table) Statistically Significant Trends			
Well Name	Trends	Well Name	Trends
PZL0006	Decreasing	SWL0051	Decreasing
PZL0016	Decreasing	XMW-01	Increasing
SWL0007	Decreasing	XMW-05	Decreasing
SWL0008	Decreasing	XMW-06	Increasing
SWL0009	Decreasing	XMW-11	Decreasing
SWL0016	Decreasing	XMW-12	Decreasing
SWL0021	Decreasing	XMW-14	Decreasing
SWL0028	Decreasing	XMW-19	Decreasing
SWL0042	Decreasing	XP-02	Increasing
SWL0049	Increasing		

5.3.2 MBFB

The MBFB TCE distribution and individual well concentration data are presented on Figure 35. The MBFB distribution is similar to the Water Table except for the absence of minor plume areas in the vicinity of the southern portion of the Del Amo site. Maximum TCE concentrations occur at the Boeing site, and based on historical data, at the AMOCO and PACCAR properties. Historic detections at the PACCAR property have been taken into consideration in the depiction of the TCE plume in Figure 35, as PACCAR did not participate in the Second Baseline Groundwater Monitoring Event.

A graph of TCE concentrations through time for those wells with TCE detections is presented in Appendix H. A Mann-Kendall analysis was completed, as described in Section 4.1, for data on wells included in the Second Baseline Groundwater Monitoring Event to identify wells with TCE concentration trends, the results of which are summarized below. Associated historical data spreadsheets, concentration trend plots, and results are provided in Appendix H. Comprehensive data for the ILM, Boeing, and Jones sites are not included in the dual site database and therefore have not been evaluated for concentration trends.

TCE (MBFB) Statistically Significant Trends	
Well Name	Trend
SWL0029	Increasing
SWL0037	Increasing
SWL0049	Increasing
XMW-01	Increasing
XMW-05	Decreasing
XMW-06	Increasing
XMW-11	Decreasing
XMW-12	Decreasing
XMW-14	Decreasing
XMW-19	Decreasing
XP-02	Increasing

5.3.3 MBFC

The MBFC TCE distribution and individual well concentration data are presented on Figure 36. As indicated, the principal plume areas are centered on the ILM and Boeing sites, with these plumes merging and extending downgradient to the southeast beyond the Montrose property. The maximum TCE concentration of 2,000 µg/L occurs at wells MWC024 and BF-35 at the Boeing site. A lesser TCE plume area is present in the western portion of the Del Amo site in the vicinity of well SWL0054 (980 µg/L).

A graph of TCE concentrations through time for those wells with TCE detections is presented in Appendix H. A Mann-Kendall analysis was completed, as described in Section 4.1, for data on wells included in the Second Baseline Groundwater Monitoring Event to identify wells with TCE concentration trends, the results of which are summarized below. Associated historical data spreadsheets, concentration trend plots, and results are provided in Appendix H. Comprehensive ILM and Boeing site data have not been incorporated into the dual site database and were therefore not analyzed for trends.

TCE (MBFC) Statistically Significant Trends	
Well Name	Trend
SWL0030	Increasing
SWL0058	Increasing
XBF-03	Increasing
XBF-04	Decreasing
XBF-15	Decreasing

5.3.4 Gage

The Gage Aquifer TCE distribution and individual well concentration data are presented on Figure 37. The principal plume area begins at the ILM site to the northwest, extending through the Boeing, PACCAR and Amoco sites, and onto the Del Amo site.

A graph of TCE concentrations through time for those wells with TCE detections is presented in Appendix H. A Mann-Kendall analysis was completed, as described in Section 4.1, for data on wells included in the Second Baseline Groundwater Monitoring Event, to identify wells with TCE concentration trends, the results of which are summarized below. Associated historical data spreadsheets, concentration trend plots, and results are provided in Appendix H. Comprehensive ILM and Boeing site data have not been incorporated into the dual site database and were therefore not analyzed for trends.

5.3.5 Lynwood

TCE was analyzed in samples from six Lynwood monitor wells, as indicated on Figure 38. TCE was not detected in any of the samples.

Conclusions

The following conclusions are made with respect to TCE:

- The principal TCE plumes in the Water Table, MBFB, MBFC and Gage Aquifer are centered at the ILM, Boeing, Jones, PACCAR and Amoco sites, extending onto the Montrose/Del Amo sites.
- TCE is not known to be present in the Lynwood Aquifer.
- Based on the Mann-Kendall trend test:
    - Fifteen wells were identified with a statistically significant decreasing TCE concentration trend and four wells were identified with a statistically significant increasing TCE concentration trend in the Water Table.
    - Five wells were identified with a statistically significant decreasing TCE concentration trend and six wells were identified with a statistically significant increasing TCE concentration trend in the MBFB.
    - Two wells were identified with a statistically significant decreasing TCE concentration trend and three wells were identified with a statistically significant increasing TCE concentration trend in the MBFC.
    - No wells were identified with a statistically significant decreasing TCE concentration trend and two wells were identified with a statistically significant increasing TCE concentration trend in the Gage Aquifer.

6 TBA DISTRIBUTION

Pursuant to direction from USEPA, TBA results and figures have been incorporated into the Second Baseline Groundwater Monitoring Report; however, TBA is not an identified COC of Montrose or Del Amo,

6.1 Sampling and Analytical Methods

Groundwater samples were collected using low flow sampling methods per the URS 2014 MACP, and in compliance with established USEPA protocols (USEPA, 1996). A low flow bladder pump, dedicated tubing, and a compressed nitrogen cylinder were used to collect groundwater samples from the middle of the well screen. The pump was positioned in the middle of the well screen, and the well purged at a low flow between 100 and 400 milliliters per minute. The water level in the well was gauged to verify no or minimal drawdown during purging.

Before and after each well, the stainless steel components were decontaminated utilizing a standard triple rinse method and non-phosphate detergent, and the disposable bladder and tubing were replaced. Only distilled water was utilized during decontamination procedures; Site water was not used during any portion of the field operations. Groundwater data generated during well purging were recorded on a field purge log, which are presented in Appendix A.

Purge water was stored in a temporary tank located at the Waste Pit OU pending waste profiling to determine appropriate off-site disposal. The purge water was subsequently transported by American Integrated Services as hazardous waste to Evoqua Water Technologies in Vernon, California for treatment and recycling. The waste disposal manifest is provided in Appendix B.

Following purging, groundwater samples were collected directly from the pump tubing using laboratory-supplied sample containers which were filled with no void or trapped air space. Sample containers were labeled, packed in coolers, and transferred to a courier to be transported to Eurofins CalScience Environmental Laboratory under proper chain-of-custody procedures. Samples were analyzed for TBA by USEPA Method 8260B.

6.2 Water Table

The Water Table TBA distribution and individual well concentration data are presented on Figure 25. The maximum TBA concentration of 49,000 µg/L occurs at well PZL0026. The maximum concentration of TBA detected in a TGRS extraction well (including MBFC and Gage extractions wells) was 290 µg/L at UBA-EW-1, as measured in November 2015. Mann-Kendall concentration trend analyses were not completed due to the limited number of sampling events with TBA data.

6.3 MBFB

The MBFB TBA distribution and individual well concentration data are presented on Figure 26. The principal TBA plume areas are similar to the Water Table, with the maximum concentration of 200,000 µg/L, occurring at well SWL0060. This well is completed in the MBFB/MBFC, which are merged in this area as described previously. Mann-Kendall concentration trend analyses were not completed due to the limited number of sampling events with TBA data.

6.4 MBFC

The MBFB TBA distribution and individual well concentration data are presented on Figure 27. The maximum concentration of 200,000 µg/L occurs at SWL0060, which is completed in the MBFB/MBFC, which are merged in this area. Mann-Kendall concentration trend analyses were not completed due to the limited number of sampling events with TBA data.

6.5 Gage

The Gage Aquifer TBA distribution and individual well concentration data are presented on Figure 28. Detections of TBA are limited to well G-03, with an estimated concentration of 4.8 µg/L. Mann-Kendall concentration trend analyses were not completed due to the limited number of sampling events with TBA data.

6.6 Lynwood

Groundwater samples from six Lynwood Aquifer wells analyzed for TBA, as indicated on Figure 29. TBA was not present at detectable concentrations in of the samples analyzed.

Conclusions

The following conclusions are drawn with respect to TBA:

- TBA has been detected in the Water Table, MBFB, MBFC, and Gage Aquifer.
- The maximum TBA concentration of 200,000 µg/L occurs at well SWL0060, which is completed in the merged MBFB/MBFC

7 QUALITY ASSURANCE/QUALITY CONTROL

QA/QC samples were collected to monitor the effectiveness of the decontamination procedures and to identify any field or laboratory conditions that may have affected sample integrity in accordance with each party's respective MACP (URS, 2014).

7.1 Montrose

- **Trip Blanks –** Forty seven laboratory-prepared trip blank samples were collected; one sample transported with each cooler containing more than one groundwater sample submitted and analyzed for VOCs by USEPA Method 8260B and pCBSA by USEPA Method 314.0 Modified. The trip blanks were analyzed by the same analytical methodologies as the primary samples.

- **Equipment Blanks** - Fourteen equipment blanks were collected to test for potential cross-contamination from the sampling equipment; an equipment blank was collected daily when sampling with a non-dedicated pump. Laboratory certified water was poured across the decontaminated sampling pump and collected in laboratory-supplied containers. Each equipment blank sample was analyzed for VOCs by USEPA Method 8260B and pCBSA by USEPA Method 314.0 Modified. The equipment blanks were analyzed by the same analytical methodologies as the primary samples.

- **Duplicate Samples**– Duplicate VOC samples were collected from 17 wells; duplicate pCBSA samples were collected from 15 wells. The duplicate set of sample containers was filled immediately following the collection of the corresponding unique sample. Each duplicate sample was handled and analyzed in an identical fashion as the unique samples.

A full data package was provided to support the Level IV review performed on 10% of the sample data. A Level IV review includes a verification and validation based on completeness and compliance checks of sample receipt conditions, both sample-related and instrument-related QC results, and recalculation checks.

A Level III was performed on the remaining 90% of the data. A Level III includes a verification and validation based on completeness and compliance checks of sample receipt conditions and QC results such as method blanks, laboratory control sample/laboratory control duplicate (LCS/LCSD), matrix spike/matrix spike duplicate (MS/MSD), and field duplicates only.

The laboratory provided analytical data in both hard copy and electronic data deliverable (EDD) format. During this event, all results were valid and usable; several results were qualified as estimated or below reporting limits, and one sample was qualified as outside hold time. A copy

of the Data Quality Assessment and Data Validation Report is provided in Appendix I. Laboratory reports are provided in Appendix J (by compact disk).

7.2 Del Amo

- **Trip Blanks -**Trip blank samples 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 to allow evaluation of cross-contamination. The trip samples were not opened at any time during the field investigation. The trip blanks were analyzed for the same constituents and by the same method (USEPA Method 8260) as for the corresponding primary samples. All compounds were below detection limits in each trip blank sample, indicating that no cross contamination occurred.

- **Equipment Blanks -** The equipment blanks consisted of laboratory provided, organic-free water that was poured over a cleaned, non-dedicated pump into sample vials. Analysis of these samples permits evaluation of potential cross-contamination between sampling locations. The equipment blanks were analyzed for the same constituents and by the same method (USEPA Method 8260) as for the corresponding primary samples. All compounds were below detection limits in each of the equipment blanks, indicating that no cross contamination occurred.

- **Field Duplicates -** Duplicate samples are collected at the same time and location as corresponding primary samples and are used to evaluate the reproducibility of the laboratory analyses. The duplicate samples were analyzed for VOCs by the same method (USEPA Method 8260) as for the primary samples. Duplicate samples were collected for locations SWL0002, SWL0017, SWL0021, SWL0041, SWL0042, SWL0065, MW-04HD, and XP-03. Comparison of the primary and duplicate sample results for these locations is provided in a table in Appendix M. As indicated in the table, the relative percent differences (RPDs) between the primary and duplicate sample concentrations are all below the 50% criteria for acceptance without qualification.

- **Matrix Spike/Matrix Spike Duplicates -** The objective of the MS/MSD analyses is to evaluate the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The laboratory prepared and analyzed MS/MSD samples at the proper frequency for all applicable analyses. Project specific MS/MSDs were performed for USEPA 300.0 and SM 3500-FeB analyses. MS/MSD recoveries and RPDs between the MS/MSD results were evaluated against statistically determined acceptance ranges. For MS/MSD recoveries that were outside control criteria, all applicable sample results were qualified as estimated ("J") and listed in Table 1 of Appendix I.

- **Conclusions -** Based on the trip blank, equipment blank, field duplicate and MS/MSD results described above and other criteria described in the Data Validation Memorandum presented in Appendix I, the data presented in this report for Del Amo wells are judged adequate for their intended purpose.

8 RECOMMENDATIONS

8.1 Montrose Monitoring Network

Resampling of select wells is recommended to verify 2015 results that were anomalous. Two pCBSA results from the 2015 sampling event were inconsistent with historic ranges: BF-01 at 2,000 µg/L (historically less than 50 µg/L between 2004 and 2014) and LG-01 at 170 µg/L (historically between 11,000 and 26,000 µg/L between 2004 and 2014). It is recommended that both these monitor wells be resampled to verify the results.

It is also recommended that BF-11 and G-25 be re-sampled to verify the chlorobenzene concentration at these locations. In 2014, the BF-11 chlorobenzene concentration decreased three orders of magnitude from 5,600 µg/L to six µg/L chlorobenzene. The 2015 result was consistent at 1.5 µg/L. However, this datum remains anomalous with surrounding well data, and this monitoring location is near TGRS extraction well BF-EW4. Therefore, resampling prior to start-up is recommended. Well G-25 should also be resampled as it contained 1,600 µg/L chlorobenzene in the October 2015 sample; whereas historically it has ranged from 30 to 910 µg/L. Resampling for verification will be conducted in 2016 prior to initiating full-scale operation of the TGRS.

It is further recommended that all TGRS extraction wells be sampled prior to the startup of the system for additional baseline information. Sampling of the TGRS extraction wells is being scheduled as part of additional functional testing. These select monitor wells and extraction wells will be sampled following the protocols used during the 2015 Second Baseline Groundwater Monitoring Event and in accordance with the 2014 AECOM MACP. USEPA will be notified in advance of this sampling.

Annual monitoring as established in the approved 2014 AECOM MACP is scheduled for September 2016. It is recommended that operation of Boeing extraction wells be suspended for 48 hours prior to the next water-gauging event.

8.2 Del Amo Monitoring Network

Recommendations are limited to the continued monitoring of the Del Amo monitoring network wells in accordance with the 2014 URS MACP.

9 REFERENCES

AECOM, 2013 Final DNAPL Feasibility Study, Montrose Superfund Site, 20201 S. Normandie Avenue, Los Angeles, California, September 27.

AECOM, 2014 Groundwater Monitoring and Aquifer Compliance Plan, Montrose Site, Torrance, California, July 23.

URS, 2014 Groundwater Monitoring and Aquifer Compliance Plan, Dual Site Groundwater Operable Unit, Montrose Chemical and Del Amo Superfund Sites, Los Angeles, California. September 5.

USEPA, 1996 Low-Flow (Minimal Drawdown) Ground-Water Sample Collection, Ground Water Issue, April 1996, Robert W. Puls and Michael J. Barcelona, EPA/540/S-95/504.

USEPA, 1999 Record of Decision for Dual Site Groundwater Operable Unit, Montrose Chemical and Del Amo Superfund Sites, Volume I: Declaration and Decision Summary, March.

USEPA, 2014a Approval of Montrose Portion of Monitoring and Aquifer Compliance Plan letter, Montrose and Del Amo Superfund Sites, August 19.

USEPA, 2014b Approval of Montrose Proposed Change in Remedial Design Well Field letter, Montrose and Del Amo Superfund Sites, December 17.USEPA, 2014

TABLES

Table 1
Groundwater Level Measurements and Elevations
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Date Created: 3/17/2016

Well	Date	Northing	Easting	Screened Interval (Feet bgs)	Depth to Water from Reference Elevation (Feet)	Reference Elevation (Feet MSL)	Water Level Elevation (Feet MSL)
UBF/Water Table Montrose Owned Wells							
MBFB-EW-1	9/1/2015	1766640.49	6470927.14	62-77	47.8	37.75	-10.05
MBFB-OW-1	9/1/2015	1767110.00	6468135.00	80-96	64.24	54.71	-9.53
MW-01	9/1/2015	1767001.00	6470666.00	63-73	52.78	42.77	-10.01
MW-02	9/1/2015	1767404.48	6470208.77	66.7-76.7	58.85	48.73	-10.12
MW-03	9/1/2015	1767425.00	6469733.00	64.4-74.4	57.43	47.41	-10.02
MW-04	9/1/2015	1767673.80	6470117.66	64.9-74.9	56.86	46.69	-10.17
MW-05	9/1/2015	1767602.00	6470682.00	61.5-72.5	56.83	46.57	-10.26
MW-06	9/1/2015	1766905.50	6470194.12	65-80	55.63	45.68	-9.95
MW-07	9/1/2015	1766892.38	6469626.05	65-80	57.39	47.42	-9.97
MW-08	9/1/2015	1767938.19	6469397.50	65-80	65.02	55.29	-9.73
MW-09	9/1/2015	1767934.01	6470361.53	66-81	61.57	50.47	-11.10
MW-10	9/1/2015	1768042.00	6470937.00	62-77	54.33	43.2	-11.13
MW-11	9/29/2015	1767320.00	6470889.00	62-77	52.81	42.69	-10.12
MW-12	9/1/2015	1767319.00	6471289.00	61-76	50.3	40.17	-10.13
MW-13	9/1/2015	1766908.00	6471218.00	62-77	52.55	42.34	-10.21
MW-14	9/1/2015	1766629.06	6470929.24	58-73	53.21	43.02	-10.19
MW-16	9/1/2015	1765848.00	6469761.00	59-76	51.24	41.31	-9.93
MW-17	9/1/2015	1766685.00	6469336.00	65-81	58.08	48.18	-9.90
MW-19	9/1/2015	1768527.06	6470660.51	63-79	56.59	46.65	-9.94
MW-21	9/1/2015	1767907.00	6471985.00	54-70	46.81	36.56	-10.25
MW-22	9/1/2015	1765594.00	6470230.00	57-73	51.96	41.85	-10.11
MW-23	9/1/2015	1765783.00	6472078.00	60-75	45.94	36.35	-9.59
MW-24	9/1/2015	1765641.00	6471430.00	49-64	32.69	22.4	-10.29
MW-25	9/1/2015	1764840.00	6471681.00	56-71	42.89	31.98	-10.91
MW-26	9/1/2015	1765603.00	6470880.00	59-74	49.21	39.17	-10.04
MW-27	9/1/2015	1768047.00	6471344.00	59-75	50.72	40.56	-10.16
MW-29	9/1/2015	1766922.00	6471830.00	57-73	49.04	38.81	-10.23
MW-30	9/1/2015	1766267.00	6471695.00	54-70	47.49	37.59	-9.90
MW-31	9/1/2015	1767149.00	6469128.00	64.5-79.5	64.57	54.67	-9.90
UBA-EW-1	9/1/2015	1767031.53	6470466.32	53-93	47.6	38.07	-9.53
UBA-EW-3	9/1/2015	1766342.28	6470864.34	50-80	NM	33.93	NM
UBE-01	9/1/2015	1767467.00	6470255.00	61-91	59.52	49.35	-10.17
UBE-02	9/1/2015	1767535.00	6470398.00	72-82	55.77	45.78	-9.99
UBE-03	9/1/2015	1767304.00	6470373.00	68-88	55.19	44.86	-10.33
UBE-04	9/1/2015	1767629.00	6470371.00	62-92	56.59	46.56	-10.03
UBE-05	9/1/2015	1767347.47	6470514.15	75-85	57.64	47.42	-10.22
UBI-01	9/1/2015	1767598.00	6470093.00	44-89	56.41	46.47	-9.94
UBI-02	9/1/2015	1767666.00	6470165.00	44.5-89.5	56.59	46.69	-9.90
UBT-01	9/1/2015	1767444.00	6470232.00	60-91	59.32	49.05	-10.27
UBT-02	9/1/2015	1767437.00	6470246.00	50-91	59.47	49.19	-10.28
UBT-03	9/1/2015	1767473.00	6470262.00	60-91	59.56	49.31	-10.25
UBF/Water Table ILM Owned Wells							
BL-10A	9/1/2015	1769072.78	6469297.23	65-80	64.78	55.34	-9.44
BL-11A	9/1/2015	1767973.75	6469178.24	65-80	64.42	55.31	-9.11
BL-12A	9/1/2015	1768197.81	6469027.92	64-79	64.68	55.25	-9.43
BL-13A	9/1/2015	1767263.93	6469461.80	60-80	62.85	52.92	-9.93
BL-14A	10/5/2015	1767752.16	6468471.80	55-80	63.16	54.25	-8.91
BL-3	9/1/2015	1768750.60	6468960.12	61.5-81.5	65.62	56.43	-9.19
BL-9A	9/1/2015	1769937.01	6469294.59	65-80	61.68	52.68	-9.00
ILM__P-1	9/1/2015	1769674.38	6468892.43	60.5-80.5	64.33	55.19	-9.14
ILM__P-10	9/1/2015	1768484.99	6467810.58	61-76	65.89	57.58	-8.31
ILM__P-12	9/1/2015	1770914.27	6468118.79	65-80	65.66	56.94	-8.72
ILM__P-16A	9/1/2015	1768955.89	6468352.11	67-87	62.23	52.68	-9.55
ILM__P-17	9/1/2015	1769188.17	6468487.30	65-85	64.37	54.92	-9.45
ILM__P-20	9/1/2015	1769484.08	6468893.73	58-78	64.45	55.36	-9.09
ILM__P-22	9/1/2015	1768358.36	6468337.77	67-87	63.84	54.38	-9.46
ILM__P-24	9/1/2015	1770502.47	6468243.92	65-75	63.91	55.59	-8.32
ILM__P-26A	9/1/2015	1769539.51	6468436.85	51-76	65.56	56.72	-8.84
ILM__P-2	9/1/2015	1770283.96	6467783.29	61-71	64.86	57.9	-6.96
ILM__P-3	9/1/2015	1770903.70	6467828.98	57-72	63.13	54.95	-8.18
ILM__P-5	9/1/2015	1770437.31	6468893.08	59-79	64.88	56.41	-8.47
ILM__P-6B	9/1/2015	1769128.34	6468892.59	60-80	65.19	55.87	-9.32
ILM__P-7	9/1/2015	1768387.02	6468881.59	62.5-82.5	63.3	53.86	-9.44
ILM__P-9B	9/1/2015	1769529.53	6467788.17	56-76	65.81	57.76	-8.05
ILM__P-27A	9/1/2015	1772297.78	6468065.61	74-84	60.24	52.23	-8.01

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UBF/Water Table Del Amo Owned Wells							
MW-01HD	9/1/2015	1766819.36	6474174.02	40-60	39.9	30.86	-9.04
MW-02HD	9/1/2015	1766816.04	6474270.02	40-60	39.43	30.6	-8.83
MW-03HD	9/1/2015	1766724.07	6474259.71	40-60	38.96	29.69	-9.27
MW-04HD	9/1/2015	1766677.38	6474164.55	51-61	40.36	30.25	-10.11
PZL0001	9/1/2015	1766647.00	6474812.00	50-60	33.41	24.63	-8.78
PZL0006	11/6/2015	1768396.00	6472738.00	49-69	44.05	34.55	-9.50
PZL0007	9/1/2015	1767933.00	6474786.00	47-62	29.52	19.5	-10.02
PZL0009	9/1/2015	1768811.00	6472297.00	54-69	50.27	40.82	-9.45
PZL0010	9/1/2015	1768861.00	6473319.00	49.5-69.5	44.3	34.84	-9.46
PZL0011	9/1/2015	1767668.00	6474433.00	35-55	31.33	23.61	-7.72
PZL0012	9/1/2015	1767298.00	6474124.00	37.2-57.2	38.02	29.69	-8.33
PZL0013	9/1/2015	1766866.00	6474133.00	41-61	41.02	31.94	-9.08
PZL0014	9/1/2015	1769549.00	6472078.00	51-66	43.83	35.26	-8.57
PZL0016	9/1/2015	1768908.00	6471506.00	47-67	47.35	37.52	-9.83
PZL0018	9/1/2015	1766934.00	6472903.00	48-68	44.13	34.3	-9.83
PZL0019	9/1/2015	1766813.00	6472189.00	46.7-66.7	50.36	40.9	1.69
PZL0020	9/1/2015	1766681.00	6472348.00	47-67	46.53	36.87	-9.66
PZL0022	9/1/2015	1766626.00	6473048.00	42-61.7	44.02	34.4	-9.62
PZL0024	9/1/2015	1766627.00	6472818.00	44.4-64.4	46.03	36.65	-9.38
PZL0025	9/1/2015	1766637.00	6472096.00	43.5-63.5	48.58	38.68	-9.90
PZL0026	9/1/2015	1766978.00	6474447.00	33-53	37.51	28.69	-8.82
SWL0002	9/1/2015	1768404.00	6471585.00	52-77	49.71	39.82	-9.89
SWL0003	9/1/2015	1768531.00	6471609.00	50-77	50.87	40.98	-9.89
SWL0004	9/1/2015	1768374.00	6471694.00	53-80	51.64	41.87	-9.77
SWL0005	9/1/2015	1766526.00	6473389.00	38.6-61.5	38.82	28.95	-9.87
SWL0006	9/1/2015	1766124.00	6472439.00	43.5-59.5	36.88	26.5	-10.38
SWL0007	9/1/2015	1769884.00	6471523.00	50.4-71.2	50.34	41.11	-9.23
SWL0008	9/1/2015	1766566.00	6472338.00	41.4-62	42.04	32.36	-9.68
SWL0009	9/1/2015	1767137.00	6475377.00	37.3-58.3	30.18	22.57	-7.61
SWL0015	9/1/2015	1765963.00	6474546.00	33-54	34.63	23.91	-10.72
SWL0016	9/1/2015	1767811.00	6473034.00	40.8-62	42.85	33.21	-9.64
SWL0017	9/1/2015	1768832.00	6473078.00	47-68.5	45.9	36.54	-9.36
SWL0021	9/1/2015	1766180.00	6474228.00	46.5-62.1	39.27	28.52	-10.75
SWL0024	9/1/2015	1766517.00	6474511.00	45-61.5	36.66	27.57	-9.09
SWL0028	9/1/2015	1765081.00	6473742.00	34-54.8	30.98	22.35	-8.63
SWL0038	9/1/2015	1769863.00	6471800.00	49.5-70.5	47.53	38.64	-8.89
SWL0042	9/1/2015	1765567.00	6474700.00	34.3-55	45.06	24.3	-20.76
SWL0044	9/1/2015	1766866.00	6472744.00	45.5-65	47.33	37.76	-9.57
SWL0046	9/1/2015	1767995.00	6474120.00	37.8-57.8	36.9	28.9	-8.00
SWL0049	9/1/2015	1766314.00	6470999.00	42-62.3	42.74	32.5	-10.24
SWL0051	9/1/2015	1766321.00	6472472.00	35-55	37.8	28.15	-9.65
SWL0057	9/1/2015	1765605.00	6473091.00	38.5-58.5	37.81	28.31	-9.50
SWL0059	9/1/2015	1769240.00	6471580.00	37-41	51.91	42.19	-9.72
SWL0068	9/1/2015	1767504.34	6474527.50	UNK	30.5	24.71	-5.79
XP-02	9/1/2015	1766983.36	6472662.49	UNK	45.82	35.33	-10.49
XP-03	9/1/2015	1766525.96	6473382.02	UNK	40.2	29.01	-11.19

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UBF/Water Table Boeing Owned Wells							
AW0051UB	9/1/2015	1769856.00	6470381.00	68.5-88.5	60.75	53.144	-10.06
AW0055UB	9/1/2015	1769863.00	6470304.00	69-89	61.13	53.54	-10.04
AW0074UB	9/1/2015	1769759.00	6470365.00	70-90	60.41	52.73	-10.13
DAC-P1	9/1/2015	1769774.00	6468953.00	60-90	61.75	55.13	-9.07
EWB002	9/1/2015	1769773.00	6470279.00	60-90	61.21	53.74	-9.92
EWB003	9/1/2015	1768711.00	6470060.00	65-95	61.08	51.19	-12.34
IRZMW001A	9/1/2015	1768988.00	6469844.00	65-75	64.92	56.77	-10.60
IRZMW001B	9/1/2015	1768988.00	6469844.00	80-90	64.9	56.7	-10.65
IRZMW004	9/1/2015	1768610.00	6470051.00	65-90	61.22	53.06	-10.61
IRZMW005	9/1/2015	1768708.00	6470038.00	65-90	61.17	52.77	-10.85
IWB001	9/1/2015	1770359.00	6470218.00	65-95	58.89	51.63	-9.71
IWB002	9/1/2015	1770146.00	6470521.00	65-95	59.09	51.78	-9.76
MW0005	9/1/2015	1769063.00	6470232.00	65-85	59.5	50.09	-11.86
MWB003	9/1/2015	1769474.00	6470193.00	65-90	64.76	56.95	-10.26
MWB006	9/1/2015	1770051.00	6470251.00	65-90	61.09	53.9	-9.64
MWB007	9/1/2015	1770213.00	6470211.00	60-90	58.48	51.39	-9.54
MWB012	9/1/2015	1769019.00	6470035.00	64.5-84.5	60.45	52.43	-10.47
MWB013	9/1/2015	1769396.00	6469592.00	65-85	62.55	55.33	-9.67
MWB014	9/1/2015	1768387.00	6470280.00	65-85	59.52	51.69	-10.28
MWB019	9/1/2015	1768093.00	6469970.00	65-85	62.94	55.18	-10.21
MWB020	9/1/2015	1770863.00	6470396.00	59.5-89.5	57.43	51.07	-8.81
MWB027	9/1/2015	1769934.00	6469948.00	67.5-87.5	64.29	57.14	-9.60
MWB028	9/1/2015	1769475.00	6470106.00	65-90	64.65	56.84	-10.26
MWB029	9/1/2015	1768081.00	6470186.00	60-90	64.47	56.576	-10.34
MWB030	9/1/2015	1770060.00	6470721.00	55-90	59.52	52.283	-9.69
TMW_04	9/1/2015	1769116.00	6470254.00	58-78	59.54	51.39	-10.60
TMW_06	9/1/2015	1768718.00	6470299.00	67-87	59.72	51.72	-10.45
TMW_07	9/1/2015	1769483.00	6470318.00	65-85	61.82	53.96	-10.31
TMW_08	9/1/2015	1769594.00	6470329.00	61-81	61.78	53.98	-10.25
TMW_10	9/1/2015	1768951.00	6470723.00	60.5-80.5	57.62	49.92	-10.15
TMW_11	9/1/2015	1768204.00	6470721.00	58-78	57.53	49.85	-10.13
TMW_14	9/1/2015	1768199.00	6469550.00	65-85	66.7	58.91	-10.24
TMW_15	9/1/2015	1768950.00	6469555.00	62-87	65.29	57.65	-10.09
WCC_03S	9/1/2015	1770021.00	6470367.00	69-89	60.22	52.8	-9.87
WCC_04S	9/1/2015	1769857.00	6470499.00	70.5-90.5	60.04	52.23	-10.26
WCC_05S	9/1/2015	1769779.00	6470722.00	61-91	60.31	52.82	-9.94
WCC_07S	9/1/2015	1769695.00	6470505.00	60-90	61.21	50.51	-13.15
WCC_09S	9/1/2015	1769409.00	6470683.00	60-90	62.72	54.96	-10.21
WCC_12S	9/1/2015	1769496.00	6470506.00	60-90	59.41	51.32	-10.54
UBF/Water Table Jones Owned Wells							
JMWD-01	9/1/2015	1767181.00	6470026.00	55.5-65.5	58.63	48.33	-10.30
JMWD-02	9/1/2015	1767038.00	6470196.00	54-69	56.56	46.1	-10.46
JMWD-03	9/1/2015	1766996.00	6469738.00	53-68	56.71	46.18	-10.53
Water Table/MBFC Montrose Owned Wells							
BF-32A	9/1/2015	1765704.00	6468400.00	65-115	60.13	50.81	-9.32
BF-33	9/1/2015	1763047.00	6468187.00	60-100	46.16	35.98	-10.18

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MBFC Montrose Owned Wells							
BF-01	9/1/2015	1767595.00	6469828.00	113.5-124	58.34	48.33	-10.01
BF-02	9/1/2015	1767169.00	6470194.00	114-124.5	59.63	49.5	-10.13
BF-03	9/1/2015	1767476.00	6470476.00	113.5-124	58.6	48.27	-10.33
BF-04	10/1/2015	1767210.00	6470493.00	112-123	57.77	47.64	-10.13
BF-05	9/1/2015	1767331.00	6471298.00	122-132	49.74	39.37	-10.37
BF-06	9/1/2015	1766907.00	6471204.00	115-125	52.13	41.6	-10.53
BF-07	9/1/2015	1766630.00	6470947.00	106-116	53.01	42.59	-10.42
BF-09	9/1/2015	1767441.00	6470241.00	107-128	59.01	48.69	-10.32
BF-10	9/9/2015	1765562.00	6473091.00	120-130	39.92	28.67	-11.25
BF-11	9/1/2015	1763515.00	6472386.00	104-124	45.3	33.66	-11.64
BF-12	9/1/2015	1764101.88	6473358.00	110-120	34.22	22.2	-12.02
BF-13	9/1/2015	1766579.00	6473187.00	117-137	40.53	29.55	-10.98
BF-14	9/1/2015	1765763.00	6472054.00	111-121	47.14	36.3	-10.84
BF-15	9/1/2015	1765641.00	6471441.00	98-113	33.54	22.82	-10.72
BF-16	9/1/2015	1763462.00	6471861.00	103-124	46.77	35.31	-11.46
BF-17	9/1/2015	1763817.00	6473002.00	100-120	34.6	22.67	-11.93
BF-19	9/1/2015	1768047.00	6471331.00	128-133	50.67	40.44	-10.23
BF-20	9/1/2015	1766707.00	6469336.00	110-129	58.5	48.33	-10.17
BF-21	9/1/2015	1764785.00	6470681.00	96-121	50.34	39.67	-10.67
BF-22	9/1/2015	1763265.06	6471470.14	87-117	45.68	34.29	-11.39
BF-23	9/1/2015	1766107.00	6472440.00	101-116	36.81	25.93	-10.88
BF-24	9/1/2015	1764492.85	6472165.23	96-121	42.43	31.18	-11.25
BF-25	9/1/2015	1762676.00	6473358.00	94-104	35.92	23.7	-12.22
BF-26	9/1/2015	1762188.00	6473651.00	90-105	48.03	35.48	-12.55
BF-27	9/1/2015	1762196.00	6473094.00	101-121	36.89	24.18	-12.71
BF-28	9/1/2015	1762866.00	6474077.00	95-110	46.3	33.84	-12.46
BF-29	9/1/2015	1764267.85	6470038.39	100-120	50.36	39.62	-10.74
BF-30	9/1/2015	1762875.00	6470962.00	82-113	35.88	24.58	-11.30
BF-31	9/1/2015	1763812.03	6469369.85	105-135	48.18	37.55	-10.63
BF-34	9/1/2015	1767699.00	6469469.00	106-126	65.78	55.54	-10.24
BF-35	9/1/2015	1768012.00	6470273.00	105.5-126	60.75	50.34	-10.41
BF-36	9/1/2015	1762458.00	6475580.00	111-126	48.1	34.65	-13.45
BF-EW-1	9/1/2015	1766650.00	6470901.72	85-93	46.5	36.14	-10.36
BF-EW-2	9/1/2015	1764201.28	6472152.80	69.1-125	34.8	23.27	-11.53
BF-EW-3	9/1/2015	1764981.87	6471337.25	60-120	30	19.12	-10.88
BF-EW-4	9/1/2015	1763305.65	6472464.82	66-126	40.2	28.42	-11.78
BF-EW-5	9/1/2015	1767019.17	6470443.11	108-128	48.2	38.24	-9.96
BF-IW-1	9/9/2015	1767145.00	6468136.00	106.9-125	64.92	55.13	-9.79
BF-IW-2	9/9/2015	1765087.00	6473751.00	61.5-144	NM	21.43	NM
BF-OW-1	9/1/2015	1767110.00	6468135.00	110-122	64.58	54.63	-9.95
BF-OW-3	9/1/2015	1764310.00	6472153.00	70-120	40.36	29.32	-11.04
BF-OW-4	9/1/2015	1764290.00	6470639.00	98-118	52.01	41.2	-10.81
LBF-OW-2	9/9/2015	1766656.00	6470924.00	134-136	NM	41.8	NM
LBF-OW-3	9/1/2015	1764310.00	6472153.00	135-137	41.48	29.34	-12.14
MBFC ILM Owned Wells							
BL-10B	9/1/2015	1769072.91	6469290.03	109-119	64.88	55.15	-9.73
BL-11B	9/1/2015	1767981.29	6469177.96	109-119	65.28	55.29	-9.99
BL-12B	9/1/2015	1768187.13	6469033.17	104-114	65.02	55.15	-9.87
BL-13BD	9/1/2015	1767273.58	6469461.52	120-130	63.06	52.89	-10.17
BL-14B	10/5/2015	1767752.45	6468462.12	113.5-133.5	64.57	54.21	-10.36
BL-9B	9/1/2015	1769936.84	6469302.24	109-119	62.22	52.86	-9.36
ILM__P-12B	9/1/2015	1770882.14	6468117.08	120-135	66.04	56.96	-9.08
ILM__P-16C	9/1/2015	1768948.03	6468362.26	103-118	61.75	52.24	-9.51
ILM__P-26B	9/1/2015	1769539.87	6468427.74	123-133	66.03	56.3	-9.73
ILM__P-27B	9/1/2015	1772297.78	6468059.25	92.5-112.5	60.46	52.23	-8.23

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MBFC Del Amo Owned Wells							
SWL0010	9/1/2015	1767145.00	6475377.00	100-116.5	33.66	22.61	-11.05
SWL0013	9/1/2015	1766959.00	6473586.00	131.8-147.6	43.05	33.46	-9.59
SWL0018	9/1/2015	1766968.00	6472889.00	122-139	44.05	34.12	-9.93
SWL0027	9/1/2015	1765076.00	6473730.00	119.3-135	33.67	22.07	-11.60
SWL0033	9/1/2015	1766277.00	6472042.00	124.3-140	46.28	35.72	-10.56
SWL0035	9/1/2015	1767801.00	6473054.00	121-136	42.54	32.41	-10.13
SWL0040	9/1/2015	1766626.00	6473036.00	118.5-135	44.81	33.78	-11.03
SWL0053	9/1/2015	1766235.00	6473455.00	118.3-127.8	33.79	23.19	-10.60
SWL0054	9/1/2015	1767829.00	6471852.00	120.2-129.7	50.35	39.92	-10.43
SWL0055	9/1/2015	1766636.00	6472496.00	120.3-129.8	47.84	37.15	-10.69
SWL0058	9/1/2015	1767037.00	6472007.00	118.1-127.7	51.07	40.67	-10.40
SWL0060	9/1/2015	1767190.00	6474740.00	90-93	35.93	24.91	-11.02
SWL0061	9/1/2015	1768418.57	6471530.10	115-120	51.04	40.64	-10.40
SWL0064	9/1/2015	1767756.98	6471514.94	114.2-129.2	49.39	39.47	-9.92
SWL0065	9/1/2015	1767778.94	6472234.26	115-130	46.4	36.65	-9.75
MBFC Boeing Owned Wells							
CMW001	9/1/2015	1768183.00	6470700.00	99-124	62.55	54.37	-10.63
CMW002	9/1/2015	1767936.00	6470554.00	99-124	60.81	52.81	-10.45
CMW026	9/1/2015	1768603.00	6470279.00	92-117	59.73	51.53	-10.65
EWC001	9/1/2015	1769706.00	6470359.00	97-122	60.52	52.59	-10.38
EWC003	9/1/2015	1769344.00	6470619.00	102-122	71.98	52.44	-21.99
EWC004	9/1/2015	1768822.00	6470271.00	95-120	59.79	51.51	-10.73
EWC005	9/1/2015	1768743.00	6470106.00	105-135	87.03	51.25	-38.23
EWC006	9/1/2015	1769033.50	6470692.60	UNK	63.41	54.78	-11.08
IRZCMW001	9/1/2015	1768660.00	6470218.00	92-117	59.97	51.74	-10.68
IRZCMW002	9/1/2015	1768410.00	6470417.00	96-121	63.76	55.6	-10.61
IRZCMW003	9/1/2015	1768593.00	6470298.00	92-117	59.92	51.69	-10.68
IWC001	9/1/2015	1768453.00	6470121.00	95-115	61.18	53.05	-10.58
IWC003	9/1/2015	1769377.00	6469593.00	110-120	62.92	55.46	-9.91
IWC004	9/1/2015	1768420.00	6469591.00	107-142	64.05	56.04	-10.46
MWC004	9/1/2015	1769491.00	6470486.00	96-116	60.41	51.86	-11.00
MWC006	9/1/2015	1770037.00	6470252.00	95-115	61.09	54.03	-9.51
MWC007	9/1/2015	1770172.00	6470172.00	97-117	58.79	51.57	-9.67
MWC009	9/1/2015	1769365.00	6470658.00	101-121	63.75	53.99	-12.21
MWC011	9/1/2015	1769749.00	6470263.00	94-114	61.61	54.03	-10.03
MWC015	9/1/2015	1768821.00	6470304.00	100-125	60.64	51.51	-11.58
MWC016	9/1/2015	1768720.00	6469987.00	102.5-127.5	60.87	52.61	-10.71
MWC017	9/1/2015	1768093.00	6469979.00	100-125	63.17	55.16	-10.46
MWC021	9/1/2015	1768939.00	6470705.00	97-122	62.74	54.53	-10.66
MWC022	9/1/2015	1769986.00	6470454.00	97-117	59.19	51.6	-10.04
MWC023	9/1/2015	1769802.00	6470428.00	97-117	59.19	51.43	-10.21
MWC024	9/1/2015	1768409.00	6470266.00	96-121	59.77	51.64	-10.58
MWC025	9/1/2015	1769776.00	6470530.00	114-124	60.64	52.6	-10.49
MWC026	9/1/2015	1769629.00	6470696.00	110-120	60.09	51.75	-10.79
MWC027	9/1/2015	1769139.00	6470707.00	105-120	63.16	54.302	-11.31
MWC028	9/1/2015	1769030.50	6470816.00	UNK	58.13	49.53	-11.05
MBFB Del Amo Owned Wells							
G-01WC	9/1/2015	1766324.96	6473073.34	80-90	37.8	26.85	-10.95
G-02WC	9/1/2015	1765677.10	6472414.16	82-92	44.8	33.94	-10.86
SWL0011	10/7/2015	1766958.00	6473573.00	92-108.6	42.98	33.56	-9.42
SWL0019	9/1/2015	1765959.00	6474533.00	73.1-89.6	35.69	23.79	-11.90
SWL0023	9/1/2015	1766519.00	6474497.00	88.5-103.8	39.22	27.58	-11.64
SWL0032	9/1/2015	1768384.00	6471747.00	79-89	53.72	41.67	-10.33
SWL0037	9/1/2015	1767815.00	6473046.00	82-98.5	43.5	33.11	-10.39
SWL0041	9/1/2015	1766625.00	6473061.00	77-92.75	45.06	34.11	-10.95
SWL0047	9/1/2015	1768136.00	6472355.00	82-92	46.22	36.04	-10.18
SWL0048	9/1/2015	1767341.00	6472582.00	83-93	47.62	36.31	-11.31
SWL0050	9/1/2015	1766635.00	6472483.00	72.5-82	48.06	37.4	-10.66
SWL0056	9/1/2015	1765592.00	6473091.00	75-85	39.94	28.54	-11.40

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Well	Date	Northing	Easting	Screened Interval (Feet bgs)	Depth to Water from Reference Elevation (Feet)	Reference Elevation (Feet MSL)	Water Level Elevation (Feet MSL)
Gage Aquifer Montrose Owned Wells							
G-01	9/1/2015	1767684.00	6470098.00	140.5-161	57.59	46.66	-10.93
G-02	9/1/2015	1767089.00	6470672.00	155-175.5	54.77	43.26	-11.51
G-03	9/1/2015	1767169.00	6470156.00	145.5-166	60.55	49.7	-10.85
G-04	9/1/2015	1767332.00	6471311.00	154-194	51.33	39.7	-11.63
G-05	9/1/2015	1766906.00	6471186.00	151-190	53.16	41.71	-11.45
G-06	9/1/2015	1766628.94	6470964.24	149-190	53.91	42.53	-11.38
G-08	9/1/2015	1765641.00	6471451.00	140-180	34.33	22.52	-11.81
G-09	9/9/2015	1765576.00	6473091.00	171-213	41.33	28.58	-12.75
G-12	10/1/2015	1766143.00	6472428.00	158-198	38.13	25.85	-12.28
G-13	9/1/2015	1765787.00	6472055.00	157-197	48.23	36.09	-12.14
G-14	9/1/2015	1768041.00	6471293.00	155-195	52.09	40.62	-11.47
G-15	9/1/2015	1766709.00	6469946.00	142-182	59.64	48.71	-10.93
G-16	9/1/2015	1765630.00	6471050.00	145-185	48.94	37.1	-11.84
G-17	9/1/2015	1766923.00	6472314.00	172-212	48.18	35.95	-12.23
G-18	9/1/2015	1764836.00	6473238.00	161-201	34.49	21.7	-12.79
G-19A	9/1/2015	1764936.00	6472417.00	160-200	47.7	35.23	-12.47
G-20	9/1/2015	1767698.00	6469488.00	155-175	66.05	55.33	-10.72
G-21	9/1/2015	1768012.00	6470519.00	149-169	58.9	47.67	-11.23
G-22	9/1/2015	1763886.00	6473268.00	152-192	36.74	24.22	-12.52
G-23	9/1/2015	1763657.00	6472398.00	148-178	47.19	34.83	-12.36
G-24	9/1/2015	1764757.00	6470681.00	138.3-178.3	51.93	40.4	-11.53
G-25	9/1/2015	1765603.00	6469340.00	124-163.5	56.59	46.06	-10.53
G-26	9/1/2015	1763544.00	6470301.00	132-172	46.73	35.72	-11.01
G-27	9/1/2015	1762885.00	6471795.00	124-164	36.39	24.52	-11.87
G-28	9/1/2015	1762189.00	6473638.00	148-188	48.51	35.54	-12.97
G-29	9/1/2015	1762931.00	6474905.00	157-197	49.74	35.42	-14.32
G-30	9/9/2015	1763761.00	6468585.00	135-165	55.15	44.96	-10.19
G-31	9/9/2015	1760760.00	6476041.00	145-175	52.69	36.6	-16.09
G-32	9/1/2015	1762108.00	6476388.00	160-190	49.48	32.68	-16.80
G-33	9/1/2015	1765698.00	6468401.00	143-173	60.61	50.14	-10.47
G-34	9/1/2015	1760638.00	6473574.00	147-187	52.47	39.44	-13.03
G-35	9/1/2015	1763463.00	6473727.90	150-190	44.38	32.07	-12.31
G-EW-1	9/1/2015	1766669.83	6470892.99	144-154	47.6	35.89	-11.71
G-EW-2	9/1/2015	1763875.89	6473280.74	146.7-176.7	31.6	19.42	-12.18
G-EW-3	9/1/2015	1764291.03	6470595.17	135-173	47.2	36.3	-10.90
G-EW-4	9/1/2015	1765619.65	6472157.26	160-200	NM	33.19	NM
G-IW-1	9/1/2015	1767186.41	6468136.55	138-163.5	60.2	49.8	-10.40
G-IW-2	9/1/2015	1766760.90	6473364.59	173-214	41	28.18	-12.82
G-IW-3	9/1/2015	1767693.65	6468014.77	144.02-194.02	57.2	46.76	-10.44
G-IW-4	9/1/2015	1766816.89	6473296.55	175-215	41.6	28.6	-13.00
G-IW-5	9/1/2015	1766643.27	6473398.45	170-210	40.8	27.24	-13.56
G-IW-6	9/1/2015	1766579.00	6473197.00	177-217	38.4	25.17	-13.23
G-IW-7	9/1/2015	1767503.52	6468137.54	140-195	60.1	49.61	-10.49
G-OW-1	9/1/2015	1767110.00	6468135.00	140-185	64.94	54.8	-10.14
G-OW-3	9/1/2015	1764310.00	6472153.00	145-155	41.54	29.32	-12.22
G-OW-4	9/1/2015	1764290.00	6470639.00	138-173	52.38	41.2	-11.18
LG-01	9/1/2015	1767038.00	6470673.00	188.5-209	54.24	43.26	-10.98
LG-02	9/1/2015	1767319.00	6470380.00	185-205	55.6	44.61	-10.99

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Well	Date	Northing	Easting	Screened Interval (Feet bgs)	Depth to Water from Reference Elevation (Feet)	Reference Elevation (Feet MSL)	Water Level Elevation (Feet MSL)
Gage Aquifer ILM Owned Wells							
BL-10C	9/1/2015	1769073.01	6469281.89	145-155	65.71	55.28	-10.43
BL-11C	9/1/2015	1767989.00	6469178.62	145-155	65.71	55.28	-10.43
BL-12C	9/1/2015	1768176.82	6469037.57	145-155	66	55.44	-10.56
BL-13C	9/1/2015	1767249.00	6469539.00	154-164	63.96	53.26	-10.70
BL-14C	10/5/2015	1767750.21	6468461.89	149.5-164.5	64.93	54.41	-10.52
BL-9C	9/1/2015	1769952.43	6469399.81	156.5-171.5	63.88	53.68	-10.20
ILM__P-12C	9/1/2015	1770881.51	6468108.67	167.5-182.5	66.6	56.98	-9.62
ILM__P-1C	9/1/2015	1769681.05	6468895.83	156.5-171.5	65.56	55.43	-10.13
ILM__P-26C	9/1/2015	1769537.71	6468421.44	157-172	66.34	56.35	-9.99
Gage Aquifer Del Amo Owned Wells							
SWL0020	9/1/2015	1765953.00	6474518.00	180.6-196.4	37.43	23.73	-13.70
SWL0022	9/1/2015	1766959.00	6473599.00	179.5-195.3	45.26	32.23	-13.03
SWL0025	9/1/2015	1767155.00	6475377.00	195-210.8	35.62	22.34	-13.28
SWL0026	9/1/2015	1765085.00	6473735.00	159.8-175.5	35.49	22.47	-13.02
SWL0034	9/1/2015	1766291.00	6472041.00	160-175.8	47.37	35.49	-11.88
SWL0036	9/1/2015	1767789.00	6473037.00	178-194	45.58	32.54	-13.04
SWL0063	9/1/2015	1767683.28	6472309.21	172.7-187	50.72	38.54	-12.18
SWL0066	9/1/2015	1767826.13	6471832.98	172-187	52.32	40.29	-12.03
Gage Aquifer Boeing Owned Wells							
EWG001	9/1/2015	1769344.00	6470688.00	155-195	112.49	52.8	-62.14
EWG002	9/1/2015	1768403.00	6470705.00	165-200	65.7	52.67	-15.48
MWG001	9/1/2015	1769149.00	6470706.00	156-186	62.89	54.13	-11.21
MWG002	9/1/2015	1768452.00	6470705.00	162-192	64.37	54.78	-12.04
MWG003	9/1/2015	1768915.00	6470056.00	154.5-184.5	61.54	53.079	-10.91
MWG004	9/1/2015	1768389.00	6470230.00	155-185	60.77	52.04	-11.18
Lynwood Aquifer Montrose Owned Wells							
LW-01	9/1/2015	1767335.00	6470378.00	230-250	64.58	45.02	-19.56
LW-02	9/1/2015	1766917.04	6471244.21	232-252	61.92	42.07	-19.85
LW-03	9/1/2015	1768041.00	6471311.00	238-259	60.13	40.33	-19.80
LW-04	9/1/2015	1766623.24	6470873.22	225-245	62.34	42.64	-19.70
LW-05	9/1/2015	1767687.77	6470127.71	230-250	66	46.25	-19.75
LW-06	9/1/2015	1767580.00	6470682.00	235-255	66.28	46.57	-19.71
LW-07	9/1/2015	1767188.00	6470176.00	230-250	68.25	48.68	-19.57

Notes:

bgs = below ground surface

msl = mean sea level

TOC = Top of Casing

UNK = Data Unknonw and/or Unavailable

Horizontal Datum: CA State Plane Zone V: North American Datum 1983

Vertical Datum: National Geodetic Vertical Datum of 1929 (NGVD29)

Table 2
Summary of Key VOC Laboratory Results
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Date Created: 3/17/2016

		Sample Date	Ethylbenzene	Chlorobenzene	Tetrachloroethene	Chloroform	Benzene	tert-Butyl Alcohol	Trichloroethene
		Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		CAS	100-41-4	108-90-7	127-18-4	67-66-3	71-43-2	75-65-0	79-01-6
Well	**Sample ID**	**ISGS**	**700**	**70**	**5**	**100**	**1**	**--**	**5**
Water Table Montrose- Owned Wells									
MBFB-EW-1	MBFB-EW-0100-20151102	11/2/2015 11:40	**310**	**10000**	**170**	**12 J**	**1900**	200 U	**120**
MBFB-EW-1	MBFB-EW-01-20151102	11/2/2015 11:35	**320**	**11000**	**180**	**12 J**	**2000**	200 U	**130**
MBFB-OW-1	MBFB-OW-01-N-20150826	8/26/2015 11:43	**470**	**63 J**	100 U	**230**	**8600**	--	100 U
MW-01	MW-01-20150928	9/28/2015 10:20	**15 J**	**91000**	**550**	**20000**	**2100**	**190 J**	**81**
MW-02	MW-0200-20150930	9/30/2015 12:05	1000 U	**210000**	1000 UJ	**33000**	**280 J**	10000 U	1000 U
MW-02	MW-02-20150930	9/30/2015 12:05	2000 U	**230000 B**	2000 UJ	**30000**	1000 U	20000 U	2000 U
MW-03	MW-03-N-20150825	8/25/2015 14:08	2.0 U	2.0 U	**160**	**270**	**0.42 J**	--	**180**
MW-04	MW-04-20150928	9/28/2015 11:30	25 U	**3700**	**58**	**400**	**8.7 J**	250 U	**930**
MW-05	MW-0500-20150928	9/28/2015 12:45	10 U	**18**	**83**	**990**	5.0 U	100 U	**4.9 J**
MW-05	MW-05-20150928	9/28/2015 12:45	5.0 U	**18 B**	**120**	**860**	2.5 U	50 U	**2.7 J**
MW-06	MW-6-20151002	10/2/2015 10:55	50 U	50 U	**8200**	**850**	25 U	500 U	**260**
MW-07	MW-07-N-20150826	8/26/2015 13:29	**1400**	**110 J**	200 U	**370**	**17000**	--	200 U
MW-08	MW-08-N-20150826	8/26/2015 11:10	1.0 U	**0.32 J**	1.0 U	**1.1**	0.50 U	--	**3.8**
MW-09	MW-09-20150929	9/29/2015 8:25	1.0 U	**2.3**	**29**	**2900**	0.50 U	10 U	**3.4**
MW-10	MW-10-20150928	9/28/2015 15:00	1.0 U	**0.28 J**	**2.3**	**7.1**	0.50 U	10 U	**7.5**
MW-11	MW-11-20150929	9/29/2015 8:05	2.0 U	**790**	**38**	2.0 U	**0.89 J**	20 U	**3**
MW-12	MW-12-20150928	9/28/2015 13:55	10 U	**1100 B**	10 U	10 U	**5.3**	100 U	10 U
MW-13	MW-13-20151002	10/2/2015 12:00	**9.4 J**	**3000**	25 U	25 U	**810**	**220 J**	**230**
MW-14	GWS02544	10/1/2015 0:00	**840**	**170**	10 U	10 U	**7500**	--	**13**
MW-16	MW-16-20151002	10/2/2015 9:10	2.5 U	**0.66 J**	5.1 UJ	**1.3 J**	1.2 U	25 U	**140**
MW-17	MW-17-N-20150826	8/26/2015 12:38	1.0 U	**3.7**	1.0 U	1.0 U	**0.62**	--	1.0 U
MW-19	MW-19-20150929	9/29/2015 10:05	1.0 U	1.0 U	**1.9**	**89**	0.50 U	10 U	**2.1**
MW-21	GWS02598	9/30/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	**0.82**	--	**0.40 J**
MW-22	MW-22-20150930	9/30/2015 13:25	1.0 U	1 U	**0.84 J**	**21**	0.50 U	10 U	**8.4**
MW-23	MW-23-20150928	9/28/2015 14:00	1.0 U	1 U	**0.40 J**	**1.6**	0.50 U	10 U	1.0 U
MW-24	MW-24-20150928	9/28/2015 10:40	1.0 U	1.0 U	1.0 U	**1.5**	0.50 U	10 U	1.0 U
MW-25	MW-25-20151007	10/7/2015 12:55	1.0 U	**2.2**	1.0 UJ	1.0 U	**4.9**	**5.8 J**	1.0 U
MW-26	MW-26-20150928	9/28/2015 11:30	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
MW-27	GWS02545	9/30/2015 0:00	1.0 U	1.0 U	**0.85 J**	1.0 U	0.50 U	--	**17**
MW-28	GWS02546	10/2/2015 0:00	200 U	200 U	200 U	200 U	**28000**	--	200 U
MW-29	GWS02547	10/2/2015 0:00	200 U	200 U	200 U	200 U	**32000**	--	200 U
MW-30	MW-30-20150928	9/28/2015 14:05	1.0 U	1.1 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
MW-31	MW-31-N-20150825	8/25/2015 11:41	1.0 U	**2.4**	**1.7**	**3.8**	**1.4**	--	1.0 U
UBA-EW-1	UBA-EW-1_20151120	11/20/2015 14:05	--	**140000**	**300**	**46000**	--	--	--
UBA-EW-3	UBA-EW-3-20150312	3/12/2015 14:09	--	**4500**	**3500**	10 U	--	--	--
Water Table ILM- Owned Wells									
BL-10A	BL-10A-N-20150828	8/28/2015 9:08	1.0 U	1.0 U	1.0 U	**1.6**	0.50 U	--	**16**
BL-11A	BL-11A-N-20150903	9/3/2015 10:14	**0.19 J**	1.0 U	1.0 U	**0.95 J**	0.50 U	--	**230**
BL-12A	BL-12A-N-20150828	8/28/2015 10:55	10 U	10 U	10 U	**5.2 J**	5.0 U	--	**1200**
BL-13A	BL-13A-N-20150825	8/25/2015 12:03	1.0 U	**0.32 J**	**47**	**3.3**	**0.76**	--	**5.7**
BL-14A	BL-14A-N-20151005	10/5/2015 10:13	1.0 U	1.0 U	**0.41 J**	**1.2**	0.50 U	--	**51**
BL-3	BL-03-N-20180828	8/28/2015 12:18	5.0 U	5.0 U	**8.6**	5.0 U	2.5 U	--	**530**
BL-9A	BL-09A-N-20150902	9/2/2015 10:59	1.0 U	1.0 U	1.0 U	**4.9**	0.50 U	--	**110**
ILM__P-1	P-01-N-20150828	8/28/2015 13:40	25 U	25 U	**11 J**	25 U	12 U	--	**4600**
ILM__P-10	P-10-N-20150827	8/27/2015 9:21	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	**2**
ILM__P-12	P-12-N-20150831	8/31/2015 11:36	5.0 U	5.0 U	5.0 U	**44**	2.5 U	--	**2800**
ILM__P-16A	P-16A-FD-20150827	8/27/2015 12:50	5.0 U	5.0 U	**17**	**2.5 J**	2.5 U	--	**440**
ILM__P-16A	P-16A-N-20150827	8/27/2015 12:50	2.5 U	2.5 U	**17**	**2.0 J**	1.2 U	--	**430**
ILM__P-17	P-17-N-20150827	8/27/2015 14:03	25 U	25 U	**470**	**13 J**	12 U	--	**2600**
ILM__P-20	P-20-N-20150831	8/31/2015 9:08	1.0 U	1.0 U	**13**	**13**	**0.98**	--	**6500**
ILM__P-22	P-22-N-20150827	8/27/2015 13:03	10 U	10 U	**28**	**11**	5.0 U	--	**2000**
ILM__P-24	P-24-N-20150902	9/2/2015 12:40	1.0 U	1.0 U	**0.65 J**	**1.4**	0.50 U	--	**38**
ILM__P-26A	P-26A-FD-20150828	8/28/2015 13:42	10 U	10 U	**300**	**6.2 J**	5.0 U	--	**1600**
ILM__P-26A	P-26A-N-20150828	8/28/2015 13:42	10 U	10 U	**310**	**6.4 J**	5.0 U	--	**1700**
ILM__P-3	P-03-N-20150903	9/3/2015 9:27	1.0 U	1.0 U	1.0 U	**0.52 J**	0.50 U	--	**91**
ILM__P-5	P-05-N-20150831	8/31/2015 12:13	**0.22 J**	1.0 U	1.0 U	1.0 U	**0.48 J**	--	**13**
ILM__P-6B	P-06B-N-20150828	8/28/2015 12:48	5.0 U	5.0 U	**6.3**	**2.9 J**	2.5 U	--	**800**
ILM__P-7	P-07-N-20150828	8/28/2015 12:01	10 U	10 U	**11**	**16**	5.0 U	--	**1700**
ILM__P-9B	P-09B-N-20150831	8/31/2015 12:44	1.0 U	1.0 U	**0.53 J**	**1.6**	0.50 U	--	**120**
ILM__P-2	P-02-N-20150902	9/2/2015 8:35	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	--	2.0 U
ILM__P-27A	P-27A-N-20150902	9/2/2015 10:43	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
Water Table Del Amo- Owned Wells									
PZL0001	GWS02503	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	**14**	1.0 U
PZL0006	GWS02504	10/2/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
PZL0007	GWS02505	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U

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		Sample Date	Ethylbenzene	Chlorobenzene	Tetrachloroethene	Chloroform	Benzene	tert-Butyl Alcohol	Trichloroethene
		Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		CAS	100-41-4	108-90-7	127-18-4	67-66-3	71-43-2	75-65-0	79-01-6
Well	**Sample ID**	**ISGS**	**700**	**70**	**5**	**100**	**1**	**--**	**5**
Water Table Del Amo- Owned Wells, continued									
PZL0009	GWS02506	9/30/2015 0:00	**0.94 J**	**0.27 J**	1.0 U	1.0 U	**9.1**	--	**5.9**
PZL0010	GWS02507	9/30/2015 0:00	1.0 U	1.0 U	1.0 U	**1**	0.50 U	--	1.0 U
PZL0011	GWS02508	10/1/2015 0:00	**42**	5.0 U	5.0 U	5.0 U	**460**	**960**	5.0 U
PZL0012	GWS02509	10/2/2015 0:00	10 U	10 U	10 U	10 U	5.0 U	**6700**	10 U
PZL0013	GWS02510	10/2/2015 0:00	5000 U	5000 U	5000 U	5000 U	**450000**	--	5000 U
PZL0014	GWS02511	9/30/2015 0:00	1.0 U	1.0 U	1.0 U	**0.49 J**	0.50 U	--	1.0 U
PZL0016	GWS02512	10/2/2015 0:00	10 U	10 U	**300**	**8.6 J**	5.0 U	--	**380**
PZL0018	GWS02513	10/1/2015 0:00	1.0 U	1.0 U	**1.3**	1.0 U	0.50 U	--	1.0 U
PZL0020	GWS02515	10/2/2015 0:00	**16000**	5000 U	5000 U	5000 U	**470000**	50000 U	5000 U
PZL0022	GWS02516	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
PZL0024	GWS02517	10/2/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
PZL0025	GWS02518	9/30/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
PZL0026	GWS02519	9/30/2015 0:00	50 U	**14 J**	50 U	50 U	**44**	**49000**	50 U
SWL0002	GWS02520	10/5/2015 0:00	1.0 U	1.0 U	**200**	**0.65 J**	**1.3**	--	**57**
SWL0003	GWS02602	10/6/2015 0:00	**0.30 J**	2.0 U	**87**	2.0 U	**4.7**	--	**150**
SWL0004	GWS02522	10/1/2015 0:00	500 U	500 U	500 U	500 U	**49000**	--	500 U
SWL0005	GWS02523	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0006	GWS02524	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0007	GWS02525	10/2/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	**0.9**	--	**1.5**
SWL0008	GWS02526	9/30/2015 0:00	**0.16 J**	1.0 U	1.0 U	1.0 U	**3.9**	**27**	**2.4**
SWL0009	GWS02527	10/1/2015 0:00	1.0 U	1.0 U	**10**	1.0 U	0.50 U	--	**7.7**
SWL0015	GWS02594	10/2/2015 0:00	**0.23 J**	**11**	1.0 U	1.0 U	**2.9**	**22**	1.0 U
SWL0016	GWS02528	10/2/2015 0:00	1.0 U	1.0 U	**8.5**	1.0 U	0.50 U	--	**0.97 J**
SWL0017	GWS02529	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0021	GWS02530	10/2/2015 0:00	1.0 U	**14**	1.0 U	1.0 U	**0.47 J**	**460**	**1.8**
SWL0024	GWS02531	10/2/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	**14**
SWL0038	GWS02533	10/2/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0042	GWS02534	10/5/2015 0:00	**0.14 J**	**2.1**	**0.60 J**	1.0 U	**1.3**	**45**	**4.8**
SWL0044	GWS02535	10/5/2015 0:00	**0.52 J**	1.0 U	1.0 U	1.0 U	**3.2**	--	1.0 U
SWL0046	GWS02536	10/2/2015 0:00	1.0 U	1.0 U	**0.60 J**	1.0 U	0.50 U	--	1.0 U
SWL0049	SWL004900-20150928	9/28/2015 15:55	5.0 U	**2100**	**7.4**	5.0 U	**6.2**	**71**	**53**
SWL0049	SWL0049-20150928	9/28/2015 15:40	5.0 U	**1800**	**7.5**	5.0 U	**6**	**61**	**52**
SWL0051	GWS02595	10/2/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	**7.2**
SWL0057	GWS02537	9/30/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0059	GWS02538	10/2/2015 0:00	10 U	10 U	**280**	**15**	**4.0 J**	--	**1800**
SWL0068	GWS02539	10/2/2015 0:00	**4300**	2000 U	2000 U	2000 U	**170000**	**32000**	2000 U
GW-07A	GWS02596	10/2/2015 0:00	1.0 U	**0.38 J**	**0.39 J**	1.0 U	0.50 U	10 U	**1**
MW-01HD	GWS02540	10/1/2015 0:00	5.0 U	5.0 U	5.0 U	5.0 U	**100**	--	5.0 U
MW-02HD	GWS02541	10/2/2015 0:00	10 U	10 U	10 U	10 U	5.0 U	--	**8.8 J**
MW-03HD	GWS02542	10/2/2015 0:00	20 U	20 U	20 U	20 U	10 U	--	20 U
MW-04HD	GWS02543	10/2/2015 0:00	2500 U	2500 U	2500 U	2500 U	**350000**	--	2500 U
XP-02	GWS02563	10/2/2015 0:00	1.0 U	1.0 U	**1.8**	1.0 U	**0.46 J**	--	**1.7**
XP-03	GWS02564	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
Water Table Boeing- Owned Wells									
AW0051UB	AW0051UB_WG20150902_01	9/2/2015 9:33	4.0 U	4.0 U	4.0 U	**12**	**14**	100 U	**1900**
AW0055UB	AW0055UB_WG20150902_01	9/2/2015 11:19	**3.5 J**	10 U	10 U	10 U	**33**	250 U	**15**
AW0074UB	AW0074UB_WG20150902_01	9/2/2015 10:26	10 U	10 U	10 U	**5.1 J**	**3.4 J**	250 U	**2300**
DAC-P1	DAC-P1_WG20150902_01	9/2/2015 13:18	25 U	25 U	25 U	**24 J**	13 U	630 U	**7700**
EWB002	EWB002_WG20150902_01	9/2/2015 8:21	**5.4**	1.0 U	1.0 U	1.0 U	**34**	**65**	**1.7**
EWB003	EWB003_WG20150901_01	9/1/2015 14:00	4.0 U	4.0 U	**3.5 J**	**7.5**	2.0 U	100 U	**1600**
IRZMW001A	IRZMW001A_WG20150904_01	9/4/2015 11:10	20 U	20 U	20 U	20 U	10 U	500 U	**9600**
IRZMW001B	IRZMW001B_WG20150904_01	9/4/2015 10:26	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	50 U	**520**
IRZMW004	IRZMW004_WG20150904_01	9/4/2015 9:12	4.0 U	4.0 U	**27**	**22**	2.0 U	100 U	**1600**
IRZMW004	IRZMW004_WG20150904_02	9/4/2015 9:12	4.0 U	4.0 U	**30**	**23**	2.0 U	100 U	**1700**
IWB001	IWB001_WG20150904_01	9/4/2015 8:30	1.0 U	1.0 U	1.0 U	**0.69 J**	0.50 U	25 U	**120**
IWB002	IWB002_WG20150904_01	9/4/2015 10:16	4.0 U	4.0 U	4.0 U	**2.5 J**	2.0 U	100 U	**960**
MW0005	MW0005_WG20150901_01	9/1/2015 13:31	2.0 U	2.0 U	**1.9 J**	**15**	1.0 U	50 U	**760**
MWB003	MWB003_WG20150904_01	9/4/2015 11:20	20 U	20 U	20 U	**13 J**	10 U	500 U	**2900**
MWB006	MWB006_WG20150902_01	9/2/2015 14:26	500 U	500 U	500 U	500 U	250 U	13000 U	500 U
MWB007	MWB007_WG20150904_01	9/4/2015 11:08	10 U	10 U	10 U	**3.8 J**	5.0 U	250 U	**1600**
MWB012	MWB012_WG20150904_01	9/4/2015 8:15	2.0 U	2.0 U	**0.93 J**	**0.61 J**	1.0 U	50 U	**740**
MWB013	MWB013_WG20150902_01	9/2/2015 14:03	1.0 U	1.0 U	1.0 U	**0.26 J**	0.50 U	25 U	**2.8**
MWB014	MWB014_WG20150903_01	9/3/2015 14:09	2.0 U	2.0 U	**0.85 J**	**540**	1.0 U	50 U	**37**

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		Sample Date	Ethylbenzene	Chlorobenzene	Tetrachloroethene	Chloroform	Benzene	tert-Butyl Alcohol	Trichloroethene
		Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		CAS	100-41-4	108-90-7	127-18-4	67-66-3	71-43-2	75-65-0	79-01-6
Well	**Sample ID**	**ISGS**	**700**	**70**	**5**	**100**	**1**	**--**	**5**
Water Table Boeing- Owned Wells, continued									
MWB020	MWB020__WG20150903_01	9/3/2015 13:46	1.0 U	1.0 U	1.0 U	**0.56 J**	0.50 U	25 U	**3.6**
MWB027	MWB027_WG20150902_01	9/2/2015 9:29	4.0 U	4.0 U	**8.9**	**4.7**	2.0 U	100 U	**1000**
MWB027	MWB027_WG20150902_02	9/2/2015 9:29	4.0 U	**2.9 J**	**11**	**5.5**	2.0 U	100 U	**1100**
MWB028	MWB028_WG20150903_01	9/3/2015 8:45	1.0 U	1.0 U	**11**	**2.9**	0.50 U	25 U	**360**
MWB029	MWB029_WG20150902_01	9/2/2015 9:58	10 U	10 U	**160**	**3100**	5.0 U	250 U	**130**
MWB030	MWB030_WG20150902_01	9/2/2015 13:11	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	25 U	**5.3**
TMW_06	TMW_06_WG20150903_01	9/3/2015 10:01	1.0 U	1.0 U	**0.72 J**	**96**	0.50 U	25 U	**22**
TMW_07	TMW_07_WG20150903_01	9/3/2015 14:31	1.0 U	1.0 U	1.0 U	**0.62 J**	0.50 U	25 U	**75**
TMW_08	TMW_08_WG20150902_01	9/2/2015 11:23	2.0 U	2.0 U	**0.77 J**	**1.5 J**	1.0 U	50 U	**350**
TMW_10	TMW_10_WG20150903_01	9/3/2015 10:14	1.0 U	1.0 U	**1.4**	**0.58 J**	0.50 U	25 U	**13**
TMW_11	TMW_11_WG20150903_01	9/3/2015 11:21	1.0 U	1.0 U	**3**	**80**	0.50 U	25 U	**1.4**
TMW_14	TMW_14_WG20150902_01	9/2/2015 11:16	1.0 U	1.0 U	**0.41 J**	**3.2**	0.50 U	25 U	**1.5**
TMW_15	TMW_15_WG20150902_01	9/2/2015 13:13	1.0 U	1.0 U	**0.41 J**	**1.5**	0.50 U	25 U	**16**
WCC_03S	WCC_03S_WG20150902_01	9/2/2015 13:52	50 U	50 U	50 U	50 U	**130**	1300 U	**260**
WCC_04S	WCC_04S_WG20150904_01	9/4/2015 10:22	5.0 U	5.0 U	5.0 U	**5.9**	2.5 U	130 U	**780**
WCC_05S	WCC_05S_WG20150903_01	9/3/2015 11:07	1.0 U	1.0 U	**0.26 J**	**0.48 J**	0.50 U	25 U	**1.2**
WCC_07S	WCC_07S_WG20150901_01	9/1/2015 8:30	2.0 U	2.0 U	**0.55 J**	**1.7 J**	**1.7**	50 U	**430**
WCC_07S	WCC_07S_WG20150901_02	9/1/2015 8:03	2.0 U	2.0 U	2.0 U	**1.7 J**	**1.7**	50 U	**470**
WCC_09S	WCC_09S_WG20150903_01	9/3/2015 12:54	1.0 U	1.0 U	1.0 U	**3.4**	0.50 U	25 U	**1.4**
WCC_12S	WCC_12S_WG20150903_01	9/3/2015 8:15	1.0 U	1.0 U	1.0 U	**2.5**	0.50 U	25 U	**3.5**
Water Table Jones- Owned Wells									
JMWD-01	JMWD-01	9/1/2015 10:45	10 U	**510**	**1300 J**	**320**	5.0 U	--	**900**
JMWD-02	JMWD-02	9/1/2015 11:12	20 U	**20 J**	R	**3600**	**12**	--	**710**
JMWD-03	DUP-1	9/1/2015 9:38	**200**	**53**	**2400 J**	**11 J**	**320**	--	**120**
JMWD-03	JMWD-03	9/1/2015 9:28	**210**	**55**	**2400 J**	**13 J**	**310**	--	**130**
Water Table/MBFC Montrose- Owned Wells									
BF-32A	BF-32A-20150930	9/30/2015 8:05	1.0 U	1.0 U	1.0 UJ	**0.63 J**	0.50 U	10 U	1.0 U
BF-33	BF-33-20150930	9/30/2015 16:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
MBFC Montrose Owned Wells									
BF-01	BF-01-N-20150826	8/26/2015 9:18	1.0 U	**100**	**10**	**0.99 J**	0.50 U	--	**30**
BF-02	BF-02-20150930	9/30/2015 9:15	500 U	**45000**	500 UJ	500 U	250 U	5000 U	500 U
BF-03	BF-03-20150930	9/30/2015 14:10	**1.1**	**7800**	2.0 UJ	**1.4**	**38**	10 U	**560**
BF-04	BF-04-20151001	10/1/2015 13:05	100 U	**9200**	100 U	100 U	**43 J**	1000 U	100 U
BF-05	BF-05-20150928	9/28/2015 14:45	1.0 U	**0.25 J**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
BF-06	GWS02577	10/2/2015 0:00	25 U	**3800**	25 U	25 U	**15**	--	25 U
BF-09	BF-09-20150930	9/30/2015 10:50	500 U	**72000 B**	500 UJ	**4900**	**160 J**	5000 U	500 U
BF-10	BF-10-20150929	9/29/2015 9:20	1.0 U	**3.8**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
BF-11	BF-11-20151007	10/7/2015 10:35	1.0 U	**1.5**	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
BF-12	BF-1200-20150929	9/29/2015 15:10	20 U	**2100**	20 UJ	20 U	**3.2 J**	200 U	20 U
BF-12	BF-12-20150929	9/29/2015 15:05	20 U	**2000 B**	20 UJ	20 U	**3.9 J**	200 U	20 U
BF-13	GWS02578	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	**0.53**	**32**	1.0 U
BF-14	BF-14-20150928	9/28/2015 13:00	1.0 U	**21**	**0.70 J**	**0.56 J**	0.50 U	10 U	**0.86 J**
BF-15	BF-15-20150928	9/28/2015 9:35	**1.3 J**	**4000**	**13**	5.0 U	**12**	50 U	**15**
BF-16	BF-16-20150929	9/29/2015 13:27	10 U	**3100**	10 U	10 U	**7.7**	100 U	10 U
BF-17	BF-17-20151007	10/7/2015 9:40	50 U	**5100**	50 UJ	50 U	**9.7 J**	500 U	50 U
BF-19	BF-19-20151001	10/1/2015 9:00	1.0 U	**1.5**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
BF-20	BF-20-N-20150826	8/26/2015 13:39	5.0 U	**1500**	5.0 U	5.0 U	**1.1 J**	--	**48**
BF-21	BF-21-20150929	9/29/2015 15:15	2.5 U	**390 B**	2.5 UJ	2.5 U	**1.2 J**	25 U	2.5 U
BF-22	BF-22-20150929	9/29/2015 12:30	1.0 U	**2**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
BF-23	BF-23-20151007	10/7/2015 11:45	1.0 U	1.0 U	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
BF-24	BF-24-20150929	9/29/2015 11:55	**43**	**4800**	25 U	25 U	**27**	250 U	25 U
BF-25	BF-25-20151007	10/7/2015 8:20	1.0 U	1.0 U	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
BF-27	BF-27-20150930	9/30/2015 10:05	1.0 U	**3.7 B**	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
BF-28	BF-28-20150930	9/30/2015 9:25	1.0 U	1 U	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
BF-29	BF-29-20150930	9/30/2015 15:10	1.0 U	**49**	1.0 U	1.0 U	**0.15 J**	10 U	1.0 U
BF-30	BF-30-20150929	9/29/2015 11:25	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
BF-31	BF-31-20150930	9/30/2015 11:02	1.0 U	1 U	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
BF-34	BF-34-N-20150825	8/25/2015 12:51	2.0 U	2.0 U	2.0 U	**2.2**	1.0 U	--	**570**
BF-35	BF-35-20151001	10/1/2015 14:55	20 U	**3100**	20 U	20 U	10 U	200 U	**2000**
BF-36	BF-36-20150930	9/30/2015 11:10	1.0 U	1 U	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
BF-OW-1	BF-OW-01-N-20150826	8/26/2015 10:39	1.0 U	**43**	1.0 U	1.0 U	**0.41 J**	--	**1.8**
BF-OW-4	BF-OW-4-20150929	9/29/2015 16:05	25 U	**3700 B**	25 UJ	25 U	12 U	250 U	25 U
BF-EW-1	BF-EW-1_20151120	11/20/2015 0:00	--	**29000**	50 U	**99**	--	--	--
BF-EW-2	BF-EW-2-20150311	3/11/2015 0:00	--	**8700**	20 U	20 U	--	--	--
BF-EW-3	BF-EW-3-20150312	3/12/2015 10:30	--	**2100**	5.0 U	5.0 U	--	--	--
BF-EW-4	BF-EW-4-20150311	3/11/2015 10:20	--	**1800**	5.0 U	5.0 U	--	--	--
BF-EW-5	BF-EW-5-20151120	11/20/2015 9:30	--	N/S	50 U	50 U	--	--	--

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		Sample Date	Ethylbenzene	Chlorobenzene	Tetrachloroethene	Chloroform	Benzene	tert-Butyl Alcohol	Trichloroethene
		Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		CAS	100-41-4	108-90-7	127-18-4	67-66-3	71-43-2	75-65-0	79-01-6
Well	**Sample ID**	**ISGS**	**700**	**70**	**5**	**100**	**1**	**--**	**5**
MBFC ILM Owned Wells									
BL-10B	BL-10B-N-20150828	8/28/2015 10:08	2.0 U	2.0 U	2.0 U	**1.6 J**	1.0 U	--	**430**
BL-11B	BL-11B-N-20150903	9/3/2015 10:57	**0.40 J**	1.0 U	**1.6**	**3.6**	**0.38 J**	--	**800**
BL-12B	BL-12B-N-20150828	8/28/2015 10:13	20 U	20 U	20 U	20 U	10 U	--	**1900**
BL-13BD	BL-13BD-N-20150825	8/25/2015 13:37	2.5 U	**57**	2.5 U	2.5 U	1.2 U	--	**350**
BL-14B	BL-14B-N-20151005	10/5/2015 11:00	1.0 U	**16**	1.0 U	1.0 U	0.50 U	--	**28**
BL-9B	BL-09B-N-20150902	9/2/2015 10:07	1.0 U	1.0 U	1.0 U	**0.51 J**	0.50 U	--	**250**
ILM__P-12B	P-12B-FD-20150831	8/31/2015 10:01	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	**5**
ILM__P-12B	P-12B-N-20150831	8/31/2015 10:01	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	**3.5**
ILM__P-16C	P-16C-N-20150827	8/27/2015 11:40	2.0 U	2.0 U	2.0 U	**1.9 J**	1.0 U	--	**260**
ILM__P-26B	P-26B-N-20150902	9/2/2015 12:28	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	**330**
ILM__P-27B	P-27B-N-20150902	9/2/2015 9:45	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	**0.70 J**
MBFC Del Amo Owned Wells									
SWL0013	GWS02565	9/30/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0018	GWS02566	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0027	SWL0027-20150929	9/29/2015 9:20	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
SWL0033	GWS02593	10/1/2015 0:00	10 U	**3400**	**12**	10 U	**3.3 J**	--	**74**
SWL0035	GWS02568	9/30/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0040	GWS02569	10/1/2015 0:00	**1.1**	1.0 U	1.0 U	1.0 U	**140**	**10**	1.0 U
SWL0053	GWS02570	10/2/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0054	GWS02571	10/2/2015 0:00	5.0 U	5.0 U	**35**	5.0 U	**1.1 J**	--	**980**
SWL0055	GWS02572	10/1/2015 0:00	**0.74 J**	1.0 U	1.0 U	1.0 U	0.50 U	**280**	1.0 U
SWL0058	GWS02573	10/1/2015 0:00	1.0 U	**28**	**2.5**	1.0 U	0.50 U	--	**25**
SWL0061	GWS02574	10/2/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	**68**	--	**0.65 J**
SWL0064	GWS02575	10/2/2015 0:00	5.0 U	**680**	**10**	5.0 U	**3.5**	--	**110**
SWL0065	GWS02576	10/1/2015 0:00	5.0 U	5.0 U	5.0 U	5.0 U	2.5 U	--	5.0 U
MBFC Boeing Owned Wells									
CMW001	CMW001_WG20150902_01	9/2/2015 9:25	40 U	**9000**	40 U	40 U	**39**	1000 U	40 U
CMW002	CMW002_WG20150902_01	9/2/2015 10:33	100 U	**55000**	100 U	**2200**	**160**	2500 U	**59 J**
CMW026	CMW026_WG20150904_01	9/4/2015 13:03	4.0 U	4.0 U	4.0 U	4.0 U	2.0 U	100 U	**2.9 J**
EWC001	EWC001_WG20150902_01	9/2/2015 10:24	10 U	10 U	10 U	**3.3 J**	**51**	250 U	**130**
EWC003	EWC003_WG20150901_01	9/1/2015 12:30	2.0 U	2.0 U	2.0 U	**1.2 J**	**5.5**	50 U	**310**
EWC004	EWC004_WG20150904_01	9/4/2015 13:38	4.0 U	4.0 U	4.0 U	**9.7**	2.0 U	100 U	**1300**
EWC005	EWC005_WG20150901_01	9/1/2015 13:04	4.0 U	**13**	4.0 U	**3.2 J**	2.0 U	100 U	**1700**
IRZCMW001	IRZCMW001_WG20150904_01	9/4/2015 11:04	1.0 U	1.0 U	**1.6**	**0.50 J**	0.50 U	25 U	**220**
IRZCMW002	IRZCMW002_WG20150903_01	9/3/2015 8:16	1.0 U	**1.8**	**0.54 J**	**0.55 J**	**0.33 J**	25 U	**12**
IRZCMW003	IRZCMW003_WG20150904_01	9/4/2015 13:09	4.0 U	4.0 U	4.0 U	4.0 U	2.0 U	100 U	**13**
IWC001	IWC001__WG20150903_01	9/3/2015 11:12	1.0 U	1.0 U	**0.40 J**	**110**	0.50 U	25 U	**560**
IWC003	IWC003_WG20150903_01	9/3/2015 9:36	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	25 U	**5.9**
IWC004	IWC004_WG20150903_01	9/3/2015 13:50	1.0 U	1.0 U	**0.35 J**	**1.2**	0.50 U	25 U	**850**
MWC004	MWC004_WG20150904_01	9/4/2015 8:20	2.0 U	2.0 U	2.0 U	**1.1 J**	**1.2**	50 U	**330**
MWC007	MWC007__WG20150903_01	9/3/2015 9:14	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	25 U	**45**
MWC009	MWC009__WG20150903_01	9/3/2015 13:02	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	25 U	**16**
MWC011	MWC011_WG20150902_01	9/2/2015 8:32	1.0 U	1.0 U	1.0 U	1.0 U	**0.65**	25 U	**67**
MWC016	MWC016_WG20150903_01	9/3/2015 13:13	1.0 U	1.0 U	1.0 U	**0.95 J**	0.50 U	25 U	**160**
MWC017	MWC017_WG20150902_01	9/2/2015 8:47	1.0 U	**7**	1.0 U	1.0 U	0.50 U	25 U	**31**
MWC017	MWC017_WG20150902_02	9/2/2015 8:47	1.0 U	**7.1**	1.0 U	1.0 U	0.50 U	25 U	**29**
MWC021	MWC021_WG20150902_01	9/2/2015 8:11	1.0 U	1.0 U	**0.56 J**	**0.45 J**	0.50 U	25 U	**14**
MWC022	MWC022__WG20150903_01	9/3/2015 10:24	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	25 U	**17**
MWC023	MWC023_WG20150904_01	9/4/2015 12:58	10 U	10 U	10 U	10 U	**13**	250 U	**790**
MWC024	MWC024_WG20150904_01	9/4/2015 13:00	10 U	10 U	10 U	10 U	5.0 U	250 U	**2000**
MWC025	MWC025_WG20150904_01	9/4/2015 9:20	5.0 U	5.0 U	5.0 U	**3.4 J**	**7.9**	130 U	**370**
MWC026	MWC026_WG20150904_01	9/4/2015 9:31	1.0 U	1.0 U	1.0 U	1.0 U	**0.29 J**	25 U	**35**
MWC027	MWC027_WG20150904_01	9/4/2015 8:41	2.0 U	2.0 U	2.0 U	**1.4 J**	**1.5**	50 U	**260**
EWC006	EWC006_WG20150902_01	9/2/2015 14:21	1.0 U	1.0 U	**0.40 J**	**0.69 J**	**0.43 J**	25 U	**20**
MWC028	MWC028_WG20150901_01	9/1/2015 10:07	1.0 U	1.0 U	1.0 U	**0.41 J**	**1.1**	25 U	**62**
MBFB Del Amo Owned Wells									
G-01WC	GWS02561	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
G-02WC	GWS02562	10/1/2015 0:00	1.0 U	**310**	1.0 U	1.0 U	0.59 U	--	1.0 U
GW-07C	GWS02597	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
SWL0010	GWS02548	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0011	SWL0011-20151007	10/7/2015 11:00	1.0 U	1.0 U	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
SWL0019	GWS02549	10/2/2015 0:00	1.0 U	**1.8**	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0023	GWS02550	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	**160**	1.0 U

Table 2
Summary of Key VOC Laboratory Results
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Date Created: 3/17/2016

		Sample Date	Ethylbenzene	Chlorobenzene	Tetrachloroethene	Chloroform	Benzene	tert-Butyl Alcohol	Trichloroethene
		Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		CAS	100-41-4	108-90-7	127-18-4	67-66-3	71-43-2	75-65-0	79-01-6
Well	**Sample ID**	**ISGS**	**700**	**70**	**5**	**100**	**1**	**--**	**5**
MBFB Del Amo Owned Wells, continued									
SWL0037	GWS02553	9/30/2015 0:00	1.0 U	1.0 U	**2.5**	1.0 U	0.50 U	--	**0.95 J**
SWL0041	GWS02554	10/2/2015 0:00	**20**	1.0 U	1.0 U	1.0 U	**23**	**24**	1.0 U
SWL0047	GWS02555	9/30/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	**15**	--	1.0 U
SWL0048	GWS02556	10/2/2015 0:00	**14000**	1000 U	1000 U	1000 U	**140000**	--	1000 U
SWL0050	GWS02557	10/1/2015 0:00	**76**	10 U	10 U	10 U	**1900**	--	10 U
SWL0056	GWS02559	9/30/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0052	GWS02558	10/5/2015 0:00	1.0 U	1.0 U	**1.4**	1.0 U	0.50 U	--	1.0 U
SWL0060	GWS02560	10/1/2015 0:00	50 U	50 U	50 U	50 U	**240**	**200000**	50 U
Gage Aquifer Montrose Owned Wells									
G-01	G-01-20151001	10/1/2015 10:55	1.0 U	**7.9**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
G-02	G-02-20151001	10/1/2015 12:54	50 U	**8100**	50 U	50 U	**7.5 J**	500 U	50 U
G-03	G-03-20151007	10/7/2015 12:40	1.0 U	**24**	0.90 UJ	1.0 U	0.50 U	**4.8 J**	1.0 U
G-04	G-04-20151007	10/7/2015 13:55	1.0 U	**51**	1.0 UJ	1.0 U	0.50 U	10 U	**3.7**
G-05	G-05-20151002	10/2/2015 13:20	25 U	**4800**	25 UJ	25 U	**13**	250 U	25 U
G-08	G-08-20150928	9/28/2015 11:05	1.0 U	**140**	1.0 U	1.0 U	**0.16 J**	10 U	1.0 U
G-09	G-09-20150929	9/29/2015 10:05	**0.57 J**	**720**	2.0 U	2.0 U	**2.9**	20 U	2.0 U
G-12	G-12-20151001	10/1/2015 13:00	25 U	**4000**	25 U	25 U	**30**	250 U	25 U
G-13	G-1300-20150928	9/28/2015 12:15	20 U	**1900 B**	20 U	20 U	10 U	200 U	20 U
G-13	G-13-20150928	9/28/2015 12:00	20 U	**1800 B**	20 U	20 U	10 U	200 U	20 U
G-14	G-14-20150930	9/30/2015 16:10	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	**1**
G-15	G-15-20150930	9/30/2015 13:50	1.0 U	**7.3 B**	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
G-16	G-16-20150928	9/28/2015 12:15	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
G-17	GWS02601	10/1/2015 0:00	1.0 U	**110**	1.0 U	1.0 U	1.6 U	--	**20**
G-18	G-18-20150929	9/29/2015 9:55	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
G-19A	G-19A-20150929	9/29/2015 11:05	1.0 U	**250**	1.0 U	1.0 U	**0.88**	10 U	1.0 U
G-20	G-20-N-20150824	8/25/2015 10:15	1.0 U	**2.1**	1.0 U	1.0 U	0.50 U	--	1.0 U
G-21	G-21-20151001	10/1/2015 11:50	2.5 U	**35**	2.5 U	2.5 U	1.2 U	25 U	**380**
G-23	G-23-20150929	9/29/2015 14:05	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
G-24	G-24-20150929	9/29/2015 14:20	5.0 U	**1500**	5.0 U	5.0 U	**3**	50 U	5.0 U
G-25	G-25-20151001	10/1/2015 10:40	**1.6 J**	**1600**	10 U	10 U	**3.1 J**	100 U	10 U
G-26	G-2600-20150930	9/30/2015 12:25	1.0 U	**79**	1.0 UJ	1.0 U	**0.22 J**	10 U	1.0 U
G-26	G-26-20150930	9/30/2015 12:10	1.0 U	**76 B**	1.0 UJ	1.0 U	**0.23 J**	10 U	1.0 U
G-27	G-27-20150929	9/29/2015 11:50	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
G-28	G-28-20151001	10/1/2015 8:55	1.0 U	**0.63 J**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
G-29	G-29-20151002	10/2/2015 9:45	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
G-30	G-30-20150930	9/30/2015 9:52	1.0 U	1.0 U	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
G-31	G-31-20151002	10/2/2015 11:00	1.0 U	1.0 U	1.0 U	**1.9**	0.50 U	10 U	1.0 U
G-32	G-32-20150930	9/30/2015 12:25	1.0 U	1 U	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
G-33	G-33-20150930	9/30/2015 8:55	**0.38 J**	**2.6 B**	1.0 UJ	1.0 U	**0.15 J**	10 U	1.0 U
G-34	G-34-20151001	10/1/2015 9:40	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
G-35	G-35-20150930	9/30/2015 8:35	1.0 U	1 U	1.0 UJ	1.0 U	0.50 U	10 U	1.0 U
G-OW-1	G-OW-01-N-20150826	8/26/2015 9:29	1.0 U	**1.5**	1.0 U	1.0 U	0.50 U	--	1.0 U
G-OW-3	G-OW-3-20150929	9/29/2015 12:35	1.0 U	**390**	1.0 U	1.0 U	**7.6**	10 U	1.0 U
LG-01	LG-01-20151001	10/1/2015 10:58	1.0 U	**0.47 J**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
LG-02	LG-0200-20151001	10/1/2015 14:20	50 U	**7600**	50 U	50 U	25 U	500 U	50 U
LG-02	LG-02-20151001	10/1/2015 14:05	50 U	**7800**	50 U	50 U	25 U	500 U	50 U
G-EW-1	G-EW-1-20150326	3/26/2015 0:00	--	**1100**	2.0 U	2.0 U	--	--	--
G-EW-2	G-EW-2-20150311	3/11/2015 0:00	--	**2900**	5.0 U	2.0 U	--	--	--
G-EW-3	G-EW-3-20150311	3/11/2015 0:00	--	**640**	2.0 U	5.0 U	--	--	--
G-EW-4	G-EW-4-20150311	3/11/2015 0:00	--	**2000**	5.0 U	5.0 U	--	--	--
Gage Aquifer ILM Owned Wells									
BL-10C	BL-10C-N-20150828	8/28/2015 11:05	2.5 U	2.5 U	2.5 U	2.5 U	1.2 U	--	**300**
BL-11C	BL-11C-N-20150904	9/3/2015 11:53	1.0 U	**200**	1.0 U	1.0 U	**0.18 J**	--	**3**
BL-12C	BL-12C-N-20150828	8/28/2015 9:27	1.0 U	**160**	1.0 U	1.0 U	**0.23 J**	--	**5.4**
BL-13C	BL-13C-N-20150827	8/27/2015 9:14	2.0 U	**340**	2.0 U	2.0 U	**0.35 J**	--	2.0 U
BL-14C	BL-14C-N-20151005	10/5/2015 11:50	**0.17 J**	1.0 U	1.0 U	1.0 U	**0.28 J**	--	1.0 U
BL-9C	BL-09C-N-20150902	9/2/2015 8:37	1.0 U	1.0 U	1.0 U	1.0 U	**0.27 J**	--	**0.81 J**
ILM__P-12C	P-12C-N-20150831	8/31/2015 9:07	1.0 U	1.0 U	1.0 U	1.0 U	**0.16 J**	--	1.0 U
ILM__P-1C	P-01C-N-20150831	8/31/2015 10:22	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	**18**
ILM__P-26C	P-26C-N-20150827	8/27/2015 11:09	1.0 U	**0.91 J**	1.0 U	1.0 U	0.50 U	--	**140**
Gage Aquifer Del Amo Owned Wells									
SWL0022	GWS02579	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0025	GWS02580	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	1.0 U
SWL0026	SWL0026-20150929	9/29/2015 8:10	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
SWL0034	SWL0034-20151001	10/1/2015 11:55	**12 J**	**7700**	50 U	50 U	**34**	500 U	50 U
SWL0036	GWS02581	10/1/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	--	**1.2**
SWL0063	GWS02582	10/2/2015 0:00	1.0 U	1.0 U	1.0 U	1.0 U	**41**	--	**69**

Table 2
Summary of Key VOC Laboratory Results
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Date Created: 3/17/2016

		Sample Date	Ethylbenzene	Chlorobenzene	Tetrachloroethene	Chloroform	Benzene	tert-Butyl Alcohol	Trichloroethene
		Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		CAS	100-41-4	108-90-7	127-18-4	67-66-3	71-43-2	75-65-0	79-01-6
Well	**Sample ID**	**ISGS**	**700**	**70**	**5**	**100**	**1**	**--**	**5**
Gage Aquifer Del Amo Owned Wells, continued									
SWL0066	GWS02583	10/1/2015 0:00	1.0 U	1.0 U	**0.62 J**	1.0 U	0.50 U	--	**18**
Gage Aquifer Boeing Owned Wells									
EWG001	EWG001_WG20150901_01	9/1/2015 9:20	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	25 U	**9.2**
EWG002	EWG002_WG20150901_01	9/1/2015 10:42	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	25 U	**310**
MWG001	MWG001_WG20150904_01	9/4/2015 8:05	2.0 U	2.0 U	2.0 U	**1.4 J**	**2.8**	50 U	**140**
MWG002	MWG002_WG20150903_01	9/3/2015 10:51	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	25 U	**0.96 J**
MWG003	MWG003_WG20150904_01	9/4/2015 9:30	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	25 U	**43**
MWG004	MWG004_WG20150904_01	9/4/2015 10:21	1.0 U	**7.8**	**0.25 J**	**1**	0.50 U	25 U	**1300**
Lynwood Aquifer Montrose Owned Wells									
LW-01	LW-01-20151001	10/1/2015 14:05	1.0 U	**4.9**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
LW-02	LW-2-20151002	10/2/2015 13:15	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
LW-04	LW-0400-20150930	9/30/2015 14:55	1.0 U	**5.1**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
LW-04	LW-04-20150930	9/30/2015 14:50	1.0 U	**5**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
LW-05	LW-05-20151001	10/1/2015 9:20	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	10 U	1.0 U
LW-06	LW-06-20150929	9/29/2015 13:45	1.0 U	**0.22 J**	1.0 U	1.0 U	0.50 U	10 U	1.0 U
LW-07	LW-07-20150929	9/29/2015 12:10	1.0 U	**0.41 J**	1.0 U	1.0 U	0.50 U	10 U	1.0 U

Notes:

Samples were analyzed using EPA Method 8260B.

Result equals or Exceeds ISGS

Bold Result = Result equal to or above lab reporting dection limit

ug/L =micrograms per liter

ISGS = In Situ Groundwater Standard as listed as Table 9-1 in the Record of Decision for the Dual Groundwater Operable Unit, Montrose and Del Amo Superfund Sites (EPA, 1999)

Laboratory-Assigned Qualifier:

U = Analyte not detected above the reporting limit

J = Estimated value. Analyte detected at a level less than the RL and greater than or equal to the MDL.

B = Analyte was present in the associated method blank

R = The results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

Extraction wells were sampled in either March, October, or November 2015. See indiviudal well records in Table 2 and Table 3

Table 3
Summary of pCBSA Sample Laboratory Results
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Date Created: 3/17/2016

			pCBSA
			98-66-8
Well	**Sample ID**	**Sample Date**	ug/L
Water Table Boeing-Owned Wells			
MWB029	MWB029-090215	9/2/2015 9:58	5.0 U
Water Table-Del Amo Owned Wells			
PZL0025	PZL0025-093015	9/30/2015 12:34	5.0 U
SWL0049	SWL004900-20150928	9/28/2015 15:55	**3200**
SWL0049	SWL0049-20150928	9/28/2015 15:40	**3600**
SWL0052	SWL0052-100515	10/5/2015 11:11	5.0 U
SWL0057	SWL0057-093015	9/30/2015 12:53	5.0 U
Water Table-ILM Owned Wells			
ILM__P-10	P10-082715	8/27/2015 9:21	5.0 U
ILM__P-22	P22-082715	8/27/2015 13:03	5.0 U
Water Table-Jones Owned Wells			
JMWD-01	JMWD-01	9/1/2015 10:45	**280**
JMWD-02	JMWD-02	9/1/2015 11:12	**390**
JMWD-03	JMWD-03	9/1/2015 9:28	5.0 U
Water Table -Montrose Owned Wells			
MBFB-EW-1	MBFB-EW-0100-20151102	11/2/2015 11:40	**52000 J**
MBFB-EW-1	MBFB-EW-01-20151102	11/2/2015 11:35	**65000 J**
MBFB-OW-1	MBFBOW01-082615	8/26/2015 11:43	**19000**
MW-01	MW-01-20150928	9/28/2015 10:20	**670000 H**
MW-02	MW-0200-20150930	9/30/2015 12:05	5.0 U
MW-02	MW-02-20150930	9/30/2015 12:05	**540000**
MW-03	MW03-082515	8/25/2015 14:08	5.0 U
MW-04	MW-04-20150928	9/28/2015 11:30	**8900 J**
MW-05	MW-0500-20150928	9/28/2015 12:45	**39 J**
MW-05	MW-05-20150928	9/28/2015 12:45	**25 J**
MW-06	MW-6-20151002	10/2/2015 10:55	25 U
MW-07	MW07-082615	8/26/2015 13:29	**6100**
MW-08	MW08-082615	8/26/2015 11:10	5.0 U
MW-09	MW-09-20150929	9/29/2015 8:25	**15**
MW-10	MW-10-20150928	9/28/2015 15:00	5.0 U
MW-11	MW-11-20150929	9/29/2015 8:05	**390**
MW-12	MW-12-20150928	9/28/2015 13:55	5.0 UJ
MW-13	MW-13-20151002	10/2/2015 12:00	**7700**
MW-14	XMW1400-100115	10/1/2015 15:02	**22000 J**
MW-14	XMW14-100115	10/1/2015 15:02	**23000 J**
MW-16	MW-16-20151002	10/2/2015 9:10	5.0 U
MW-17	MW17-082615	8/26/2015 12:38	5.0 U
MW-19	MW-19-20150929	9/29/2015 10:05	5.0 U
MW-21	XMW21-093015	9/30/2015 15:35	5.0 U
MW-22	MW-22-20150930	9/30/2015 13:25	**3.5 J**
MW-23	MW-23-20150928	9/28/2015 14:00	5.0 UJ
MW-24	MW-24-20150928	9/28/2015 10:40	5.0 UJ
MW-25	MW-25-20151007	10/7/2015 12:55	**13**
MW-26	MW-26-20150928	9/28/2015 11:30	5.0 UJ
MW-27	XMW27-093015	9/30/2015 14:20	5.0 U
MW-28	XMW28-100215	10/2/2015 8:25	5.0 U
MW-29	XMW29-100215	10/2/2015 9:37	5.0 U
MW-30	MW-30-20150928	9/28/2015 14:05	5.0 UJ
MW-31	MW31-082515	8/25/2015 11:41	5.0 U

Table 3
Summary of pCBSA Sample Laboratory Results
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Date Created: 3/17/2016

			pCBSA
			98-66-8
Well	**Sample ID**	**Sample Date**	ug/L
Water Table/MBFC Montrose-Owned Wells			
BF-32A	BF-32A-20150930	9/30/2015 8:05	**6.7**
BF-33	BF-33-20150930	9/30/2015 16:00	5.0 U
Unknown	DUP-2	9/1/2015 10:55	**290**
UBA-EW-1	UBA-EW-1_20151120	11/20/2015 14:05	**530000**
UBA-EW-3	UBA-EW-3-20150312	3/12/2015 14:09	**13000**
MBFC Boeing-Owned Wells			
CMW001	CMW001-090215	9/2/2015 9:25	**31000**
CMW002	CMW002-090215	9/2/2015 10:33	**74000**
MWC017	MWC017-090215	9/2/2015 8:47	**95**
MWC021	MWC021-090215	9/2/2015 8:11	5.0 U
MBFC Del Amo-Owned Wells			
SWL0010	SWL0010-100115	10/1/2015 9:28	5.0 U
SWL0013	SWL0013-093015	9/30/2015 15:18	**4.3 J**
SWL0027	SWL0027-20150929	9/29/2015 9:20	**70**
SWL0033	SWL003300-100115	10/1/2015 13:52	**23000 J**
SWL0033	SWL0033-100115	10/1/2015 13:52	**25000 J**
SWL0035	SWL0035-093015	9/30/2015 14:48	5.0 U
SWL0053	SWL0053-100215	10/2/2015 8:22	5.0 U
SWL0058	SWL0058-100115	10/1/2015 8:35	**760 J**
G-02WC	XG02WC00-100115	10/1/2015 11:16	**3200 J**
G-02WC	XG02WC-100115	10/1/2015 11:16	**3800 J**
MBFC ILM-Owned Wells			
ILM__P-16C	P16C-082715	8/27/2015 11:40	5.0 U
MBFC Montrose-Owned Wells			
BF-01	BF01-082615	8/26/2015 9:18	**2000**
BF-02	BF-02-20150930	9/30/2015 9:15	**70000**
BF-03	BF-03-20150930	9/30/2015 14:10	**44000**
BF-04	BF-04-20151001	10/1/2015 13:05	**110000**
BF-05	BF-05-20150928	9/28/2015 14:45	5.0 UJ
BF-06	XBF0600-100215	10/2/2015 10:19	**12000**
BF-06	XBF06-100215	10/2/2015 10:19	**21000**
BF-09	BF-09-20150930	9/30/2015 10:50	**380000 H**
BF-10	BF-10-20150929	9/29/2015 9:20	**79**
BF-11	BF-11-20151007	10/7/2015 10:35	**7.4 J**
BF-12	BF-1200-20150929	9/29/2015 15:10	**28000**
BF-12	BF-12-20150929	9/29/2015 15:05	**29000**
BF-13	XBF13-100115	10/1/2015 12:02	5.0 U
BF-14	BF-14-20150928	9/28/2015 13:00	**280 J**
BF-15	BF-15-20150928	9/28/2015 9:35	**24000 J**
BF-16	BF-16-20150929	9/29/2015 13:27	**30000**
BF-17	BF-17-20151007	10/7/2015 9:40	**24000**
BF-19	BF-19-20151001	10/1/2015 9:00	**8.4**
BF-20	BF20-082615	8/26/2015 13:39	**13000**
BF-21	BF-21-20150929	9/29/2015 15:15	**33000**
BF-22	BF-22-20150929	9/29/2015 12:30	**12000**
BF-23	BF-23-20151007	10/7/2015 11:45	5.0 U
BF-24	BF-24-20150929	9/29/2015 11:55	**33000**
BF-25	BF-25-20151007	10/7/2015 8:20	**820**
BF-27	BF-27-20150930	9/30/2015 10:05	5.0 U
BF-28	BF-28-20150930	9/30/2015 9:25	**300**
BF-29	BF-29-20150930	9/30/2015 15:10	**6300**
BF-30	BF-30-20150929	9/29/2015 11:25	**18**
BF-31	BF-31-20150930	9/30/2015 11:02	**290**
BF-34	BF34-082515	8/25/2015 12:51	5.0 U
BF-35	BF-35-20151001	10/1/2015 14:55	**19000**
BF-36	BF-36-20150930	9/30/2015 11:10	5.0 U
BF-OW-1	BFOW01-082615	8/26/2015 10:39	**500**
BF-OW-4	BF-OW-4-20150929	9/29/2015 16:05	**41000**
BF-EW-1	BF-EW-1_20151120	11/20/2015 0:00	**100000**
BF-EW-2	BF-EW-2-20150311	3/11/2015 0:00	**56000**
BF-EW-3	BF-EW-3-20150312	3/12/2015 10:30	**15000**
BF-EW-4	BF-EW-4-20150311	3/11/2015 10:20	**25000**
BF-EW-5	BF-EW-5-20151120	11/20/2015 9:30	**130000**

Table 3
Summary of pCBSA Sample Laboratory Results
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Date Created: 3/17/2016

			pCBSA
			98-66-8
Well	**Sample ID**	**Sample Date**	ug/L
MBFB Del Amo Owned Wells			
G-OW-1	GOW01-082615	8/26/2015 9:29	**18**
SWL0011	SWL0011-20151007	10/7/2015 11:00	5.0 U
SWL0023	SWL0023-100115	10/1/2015 12:09	5.0 U
SWL0037	SWL0037-093015	9/30/2015 14:02	5.0 U

Table 3
Summary of pCBSA Sample Laboratory Results
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Date Created: 3/17/2016

			pCBSA
			98-66-8
Well	**Sample ID**	**Sample Date**	ug/L
Gage Aquifer Del Amo-Owned Wells			
SWL0022	SWL002200-100115	10/1/2015 8:38	**740 J**
SWL0022	SWL0022-100115	10/1/2015 8:38	**780 J**
SWL0025	SWL0025-100115	10/1/2015 10:18	5.0 U
SWL0026	SWL0026-20150929	9/29/2015 8:10	**82**
SWL0034	SWL0034-20151001	10/1/2015 11:55	**37000**
SWL0036	SWL0036-100115	10/1/2015 9:46	5.0 U
SWL0063	SWL0063-100215	10/2/2015 10:42	5.0 U
Gage Aquifer ILM-Owned Wells			
BL-13C	BL13C-082715	8/27/2015 9:14	**4600**
ILM__P-26C	P26C-082715	8/27/2015 11:09	5.0 U
Gage Aquifer Montrose-Owned Wells			
G-01	G-01-20151001	10/1/2015 10:55	**60**
G-02	G-02-20151001	10/1/2015 12:54	**13000**
G-03	G-03-20151007	10/7/2015 12:40	**120**
G-04	G-04-20151007	10/7/2015 13:55	**1300**
G-05	G-05-20151002	10/2/2015 13:20	**27000**
G-08	G-08-20150928	9/28/2015 11:05	**4200 J**
G-09	G-09-20150929	9/29/2015 10:05	**21000**
G-12	G-12-20151001	10/1/2015 13:00	**27000**
G-13	G-1300-20150928	9/28/2015 12:15	**22000 J**
G-13	G-13-20150928	9/28/2015 12:00	**30000 J**
G-14	G-14-20150930	9/30/2015 16:10	5.0 U
G-15	G-15-20150930	9/30/2015 13:50	5.0 U
G-16	G-16-20150928	9/28/2015 12:15	**14 J**
G-17	XG17-100115	10/1/2015 13:55	**4400 J**
G-18	G-18-20150929	9/29/2015 9:55	**1700**
G-19A	G-19A-20150929	9/29/2015 11:05	**6100**
G-20	G20-082515	8/25/2015 10:15	5.0 U
G-21	G-21-20151001	10/1/2015 11:50	**210**
G-23	G-23-20150929	9/29/2015 14:05	**99**
G-24	G-24-20150929	9/29/2015 14:20	**9000**
G-25	G-25-20151001	10/1/2015 10:40	**3800**
G-26	G-2600-20150930	9/30/2015 12:25	**700**
G-26	G-26-20150930	9/30/2015 12:10	**730**
G-27	G-27-20150929	9/29/2015 11:50	5.0 U
G-28	G-28-20151001	10/1/2015 8:55	**1300**
G-29	G-29-20151002	10/2/2015 9:45	**8600**
G-30	G-30-20150930	9/30/2015 9:52	5.0 U
G-31	G-31-20151002	10/2/2015 11:00	**8600**
G-32	G-32-20150930	9/30/2015 12:25	5.0 U
G-33	G-33-20150930	9/30/2015 8:55	**190**
G-34	G-34-20151001	10/1/2015 9:40	5.0 U
G-35	G-35-20150930	9/30/2015 8:35	**3900**
G-OW-3	G-OW-3-20150929	9/29/2015 12:35	**7200**
LG-01	LG-01-20151001	10/1/2015 10:58	**170**
LG-02	LG-0200-20151001	10/1/2015 14:20	**26000**
LG-02	LG-02-20151001	10/1/2015 14:05	**27000**

Table 3
Summary of pCBSA Sample Laboratory Results
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Date Created: 3/17/2016

			pCBSA
			98-66-8
Well	**Sample ID**	**Sample Date**	ug/L
Lynwood Aquifer Montrose-Owned Wells			
LW-01	LW-01-20151001	10/1/2015 14:05	**11**
LW-02	LW-2-20151002	10/2/2015 13:15	**21**
LW-04	LW-0400-20150930	9/30/2015 14:55	**230**
LW-04	LW-04-20150930	9/30/2015 14:50	**220**
LW-05	LW-05-20151001	10/1/2015 9:20	**8.1**
LW-06	LW-06-20150929	9/29/2015 13:45	5.0 U
LW-07	LW-07-20150929	9/29/2015 12:10	5.0 U

Notes :

pCBSA = 4-chlorobenzenesulfonic acid

Bold Result = Result equal to or above lab reporting dection limit

ug/L = micrograms per liter

Laboratory-Assigned Qualifier:

U = Analyte not detected above the reporting limit

J = Estimated value. Analyte detected at a level less than the RL and greater than or equal to the MDL.

H = Sample analyzed past the recommended holding time

Extraction wells were sampled in either March, October, or November 2015. See indiviudal well records in Table 2 and Table 3

Table 4
Summary of QA/QC Sample Laboratory Results
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Date Created: 3/17/2016

Sample Date	Sample ID	VOCs	pCBSAs
Laboratory Method		(EPA 8260B)	(EPA 314.0 Modified)
Units		(ug/L)	(ug/L)
Equipment Blank-Collected by Avocet Environmental, Inc.			
9/2/2015 10:45	EB_AV20150902_01	ND	ND
9/3/2015 9:15	EB_AV20150903_01	ND	ND
9/4/2015 9:45	EB_AV20150904_01	ND	ND
Equipment Blank-Collected by Jacob & Hefner Associates, Inc.			
9/28/2015 14:30	EB-20150928	ND	ND
9/29/2015 14:30	EB-20150929	ND	ND
9/30/2015 14:30	EB-20150930	ND	ND
10/1/2015 14:30	EB-20151001	ND	ND
10/2/2015 14:00	EB-20151002	ND	ND
10/7/2015 14:30	EB-20151007	ND	ND
Equipment Blank-Collected by Tetra Tech			
8/25/2015 7:30	LEB-20150825-BP-RS	ND	ND
8/25/2015 7:45	LEB-082515-BP-VC	ND	ND
10/5/2015 9:00	LEB-20151005-BP	Acetone- 15 J Methyl Ethyl Ketone-58	ND
Equipment Blank-Collected by URS			
10/1/2015 0:00	FBS02080	ND	ND
10/6/2015 0:00	FBS02107	ND	ND
Trip Blank-Collected by Avocet Environmental, Inc.			
9/1/2015 0:01	TB_AV20150901_01	ND	ND
9/2/2015 0:01	TB_AV20150902_01	ND	ND
9/2/2015 0:01	TB_AV20150902_02	ND	ND
9/3/2015 0:01	TB_AV20150903_01	ND	ND
9/4/2015 0:01	TB_AV20150904_01	ND	ND
Trip Blank-Collected by BLAINE			
9/1/2015 9:00	TB-1	ND	ND
Trip Blank-Collected by Jacob & Hefner Associates, Inc.			
9/28/2015 7:00	TB-20150928	ND	ND
9/29/2015 7:30	TB-20150929	ND	ND
9/30/2015 7:30	TB-20150930	ND	ND
10/1/2015 7:00	TB-20151001	ND	ND
10/2/2015 7:00	TB-20151002	ND	ND
10/7/2015 7:00	TB-20151007	ND	ND
11/2/2015 11:00	TB-20151102	ND	ND
Trip Blank-Collected by Tetra Tech			
8/25/2015 7:30	LTB-20150825	ND	ND
9/2/2015 8:00	LTB-20150902	ND	ND
10/5/2015 8:00	LTB-20151005	Methylene Chloride-0.92 J	ND
Trip Blank-Collected by URS			
9/30/2015 0:00	FBS02062	ND	ND
9/30/2015 0:00	FBS02063	ND	ND
9/30/2015 0:00	FBS02064	ND	ND
9/30/2015 0:00	FBS02065	ND	ND
9/30/2015 0:00	FBS02066	ND	ND
9/30/2015 0:00	FBS02072	ND	ND
9/30/2015 0:00	FBS02073	ND	ND
9/30/2015 0:00	FBS02074	ND	ND
9/30/2015 0:00	FBS02075	ND	ND
9/30/2015 0:00	FBS02076	ND	ND
10/1/2015 0:00	FBS02067	ND	ND

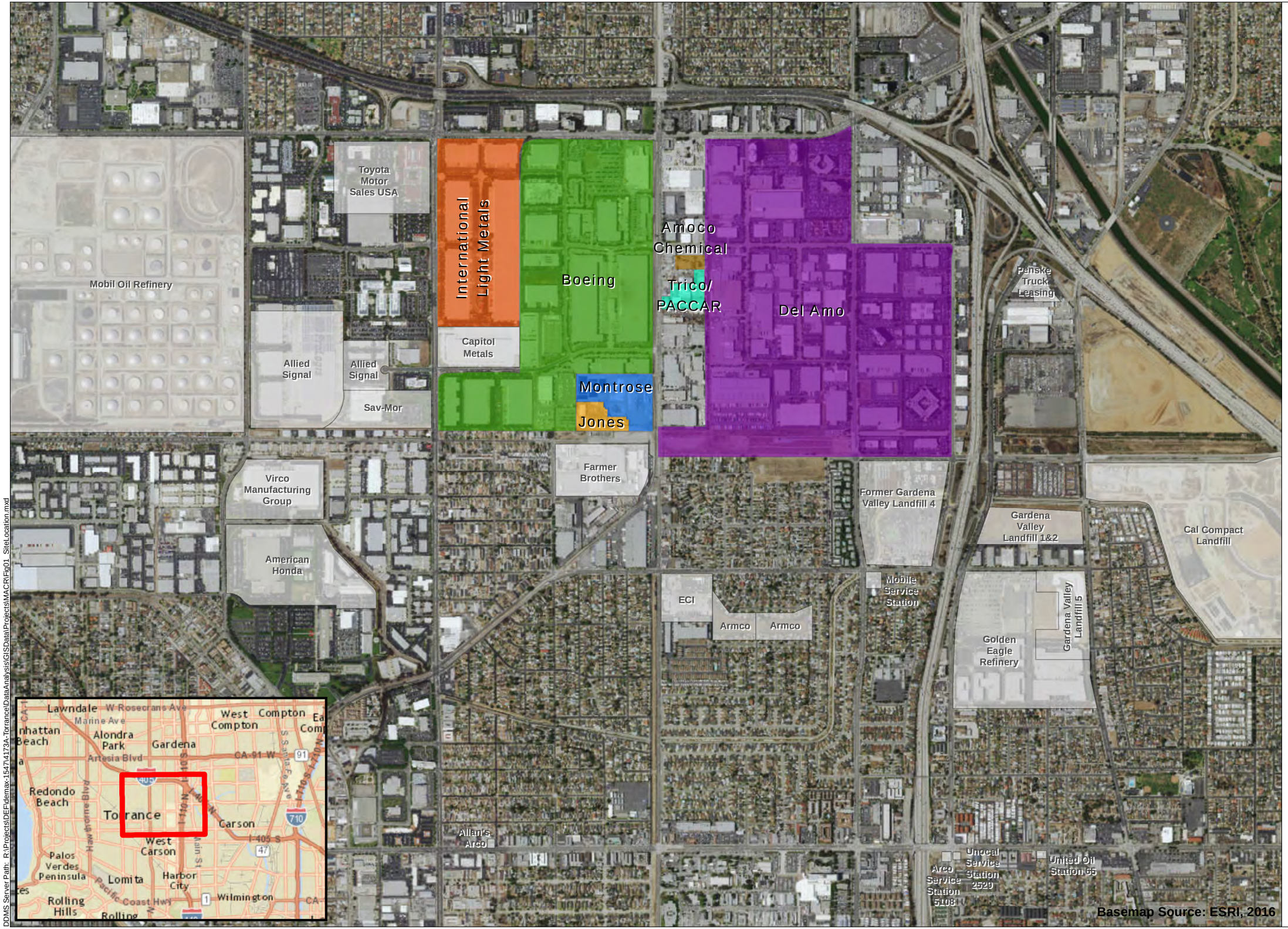
FIGURES

Figure 1

Site Location Map

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016



Key Dual Site OU Facilities

- Montrose
- Del Amo
- Former Boeing Corp
- International Light Metals
- Jones Chemical
- Trico/PACCAR
- Amoco Chemical
- Other Facility as Labeled

N

0 600 1,200 Feet

1 inch = 1,216 feet

Figure generated by ddms

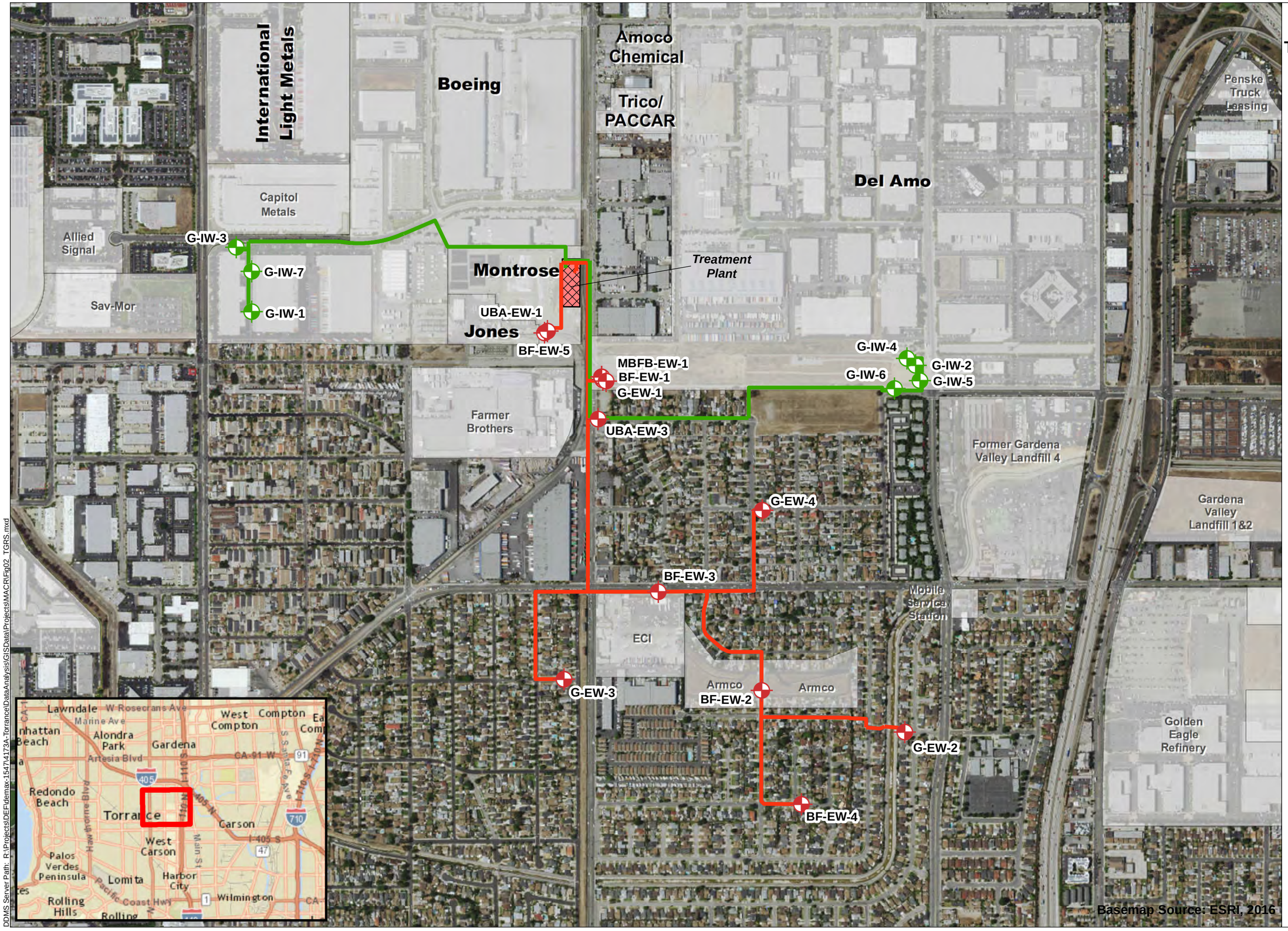
DDMS Server Path: R:\Projects\DEF\dimax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig01_SiteLocation.mxd

Figure 2

Torrance Groundwater Remediation System Infrastructure Map

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016



Basemap Source: ESRI, 2016

TGRS Extraction Well
TGRS Injection Well
Extraction Piping
Injection Piping
Treatment Plant
Facility as Labeled

N

0 350 700 Feet

1 inch = 700 feet

Figure generated by ddms

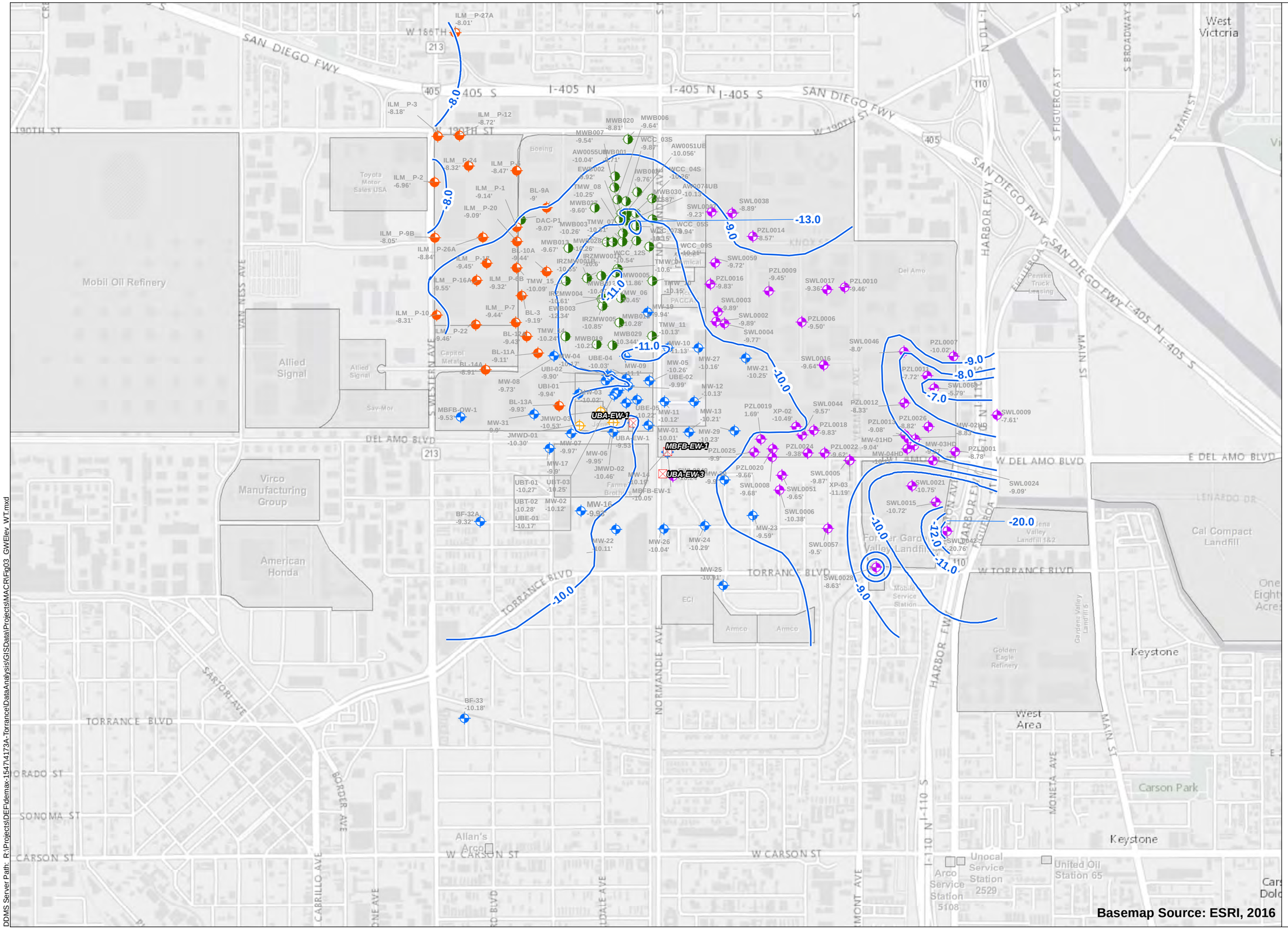
DDMS Server Path: R:\Projects\DEF\demax-15477\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig02_TGRS.mxd

Figure 3

Groundwater Elevation Water Table 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



Groundwater Elevation Contour (ft MSL)

Montrose Well

Del Amo Well

Boeing Well

ILM Well

Jones Well

TGRS Extraction Well

TGRS Injection Well

Facility as Labeled

Notes:
1) Groundwater elevations in feet MSL

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

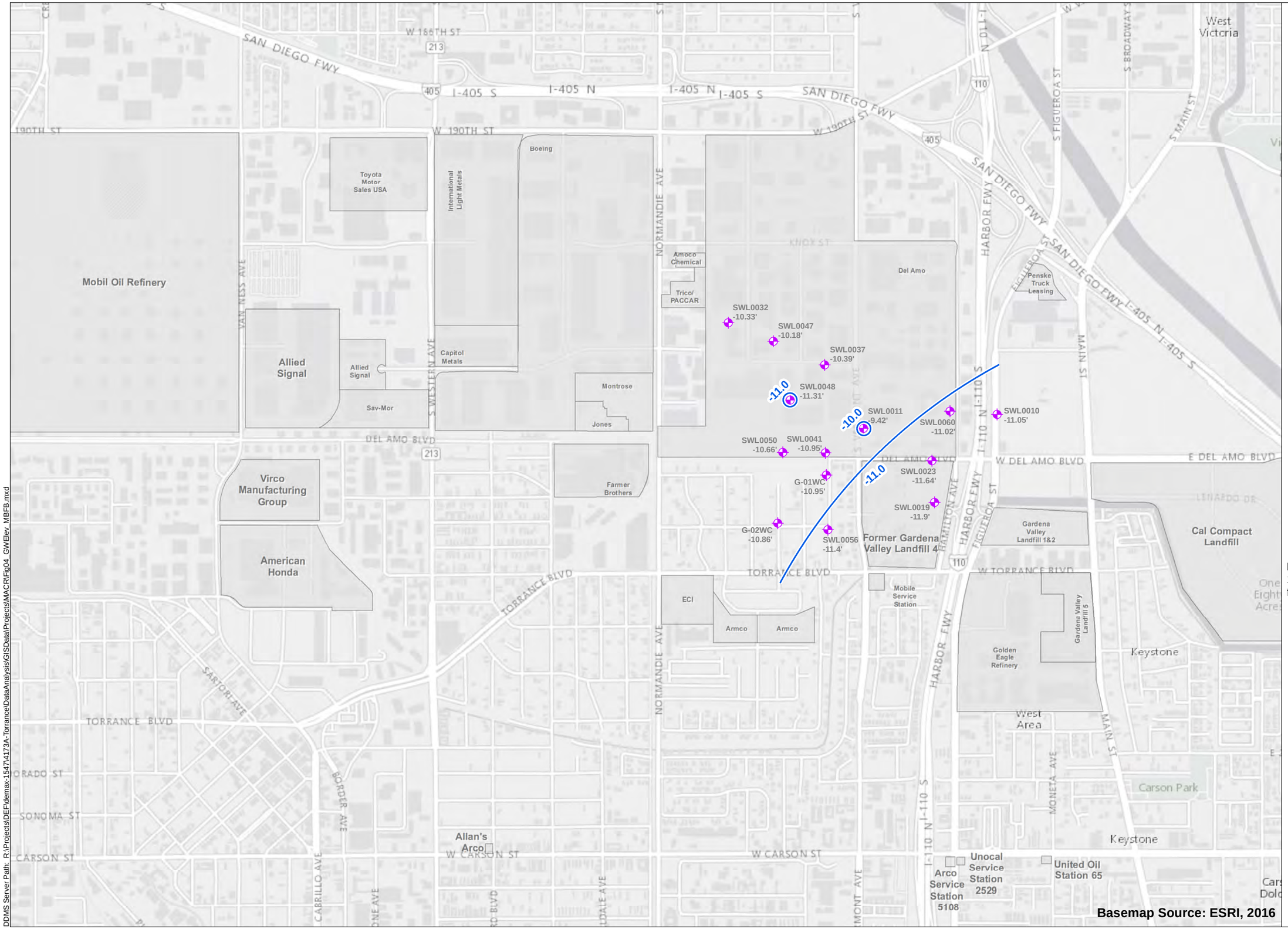
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig03_GWElev_WT.mxd

Figure 4

Groundwater Elevation MBFB 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



Groundwater Elevation Contour (ft MSL)

Montrose Well

Del Amo Well

Boeing Well

ILM Well

Jones Well

Facility as Labeled

Notes:
1) Groundwater elevations in feet MSL

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

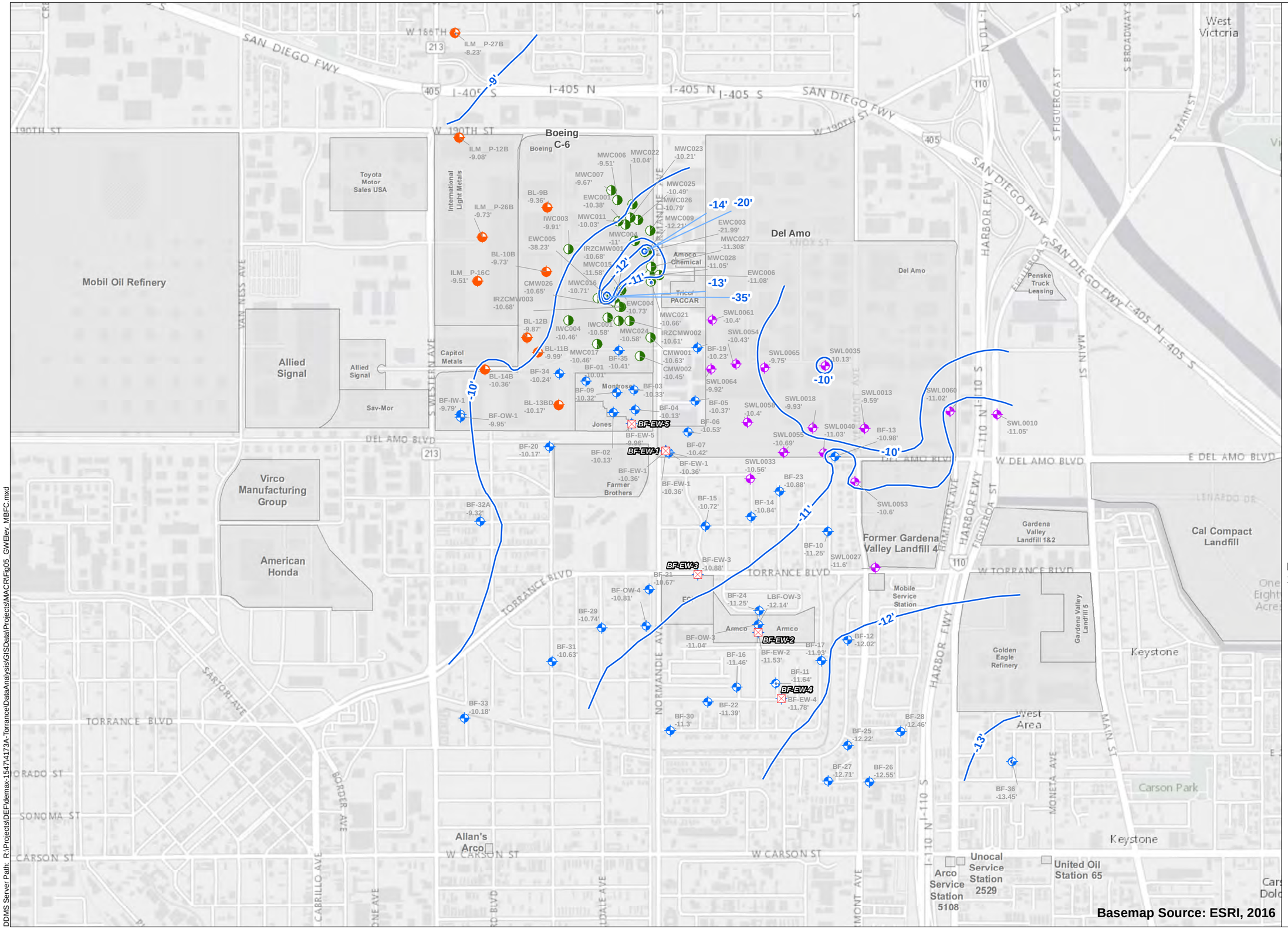
DDMS Server Path: R:\Projects\DEFvdemax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig04_GWElev_MBFB.mxd

Figure 5

Groundwater Elevation MBFC 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



Groundwater Elevation Contour (ft MSL)

Montrose Well

Del Amo Well

Boeing Well

ILM Well

Jones Well

TGRS Extraction Well

TGRS Injection Well

Facility as Labeled

Notes:
1) Groundwater elevations in feet MSL

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

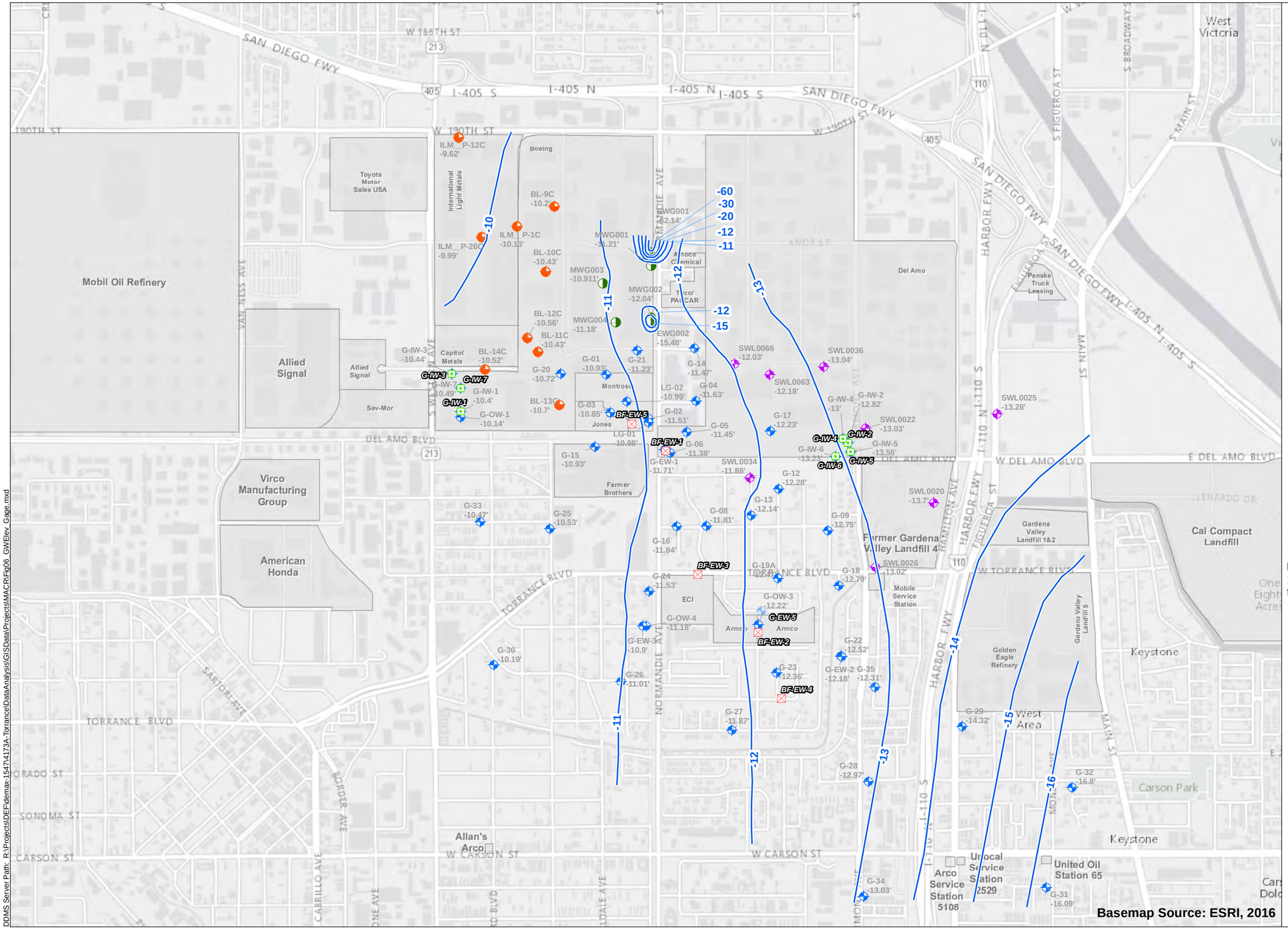
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig05_GWElev_MBFC.mxd

Figure 6

Groundwater Elevation Gage 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



Groundwater Elevation Contour (ft MSL)

Montrose Well

Del Amo Well

Boeing Well

ILM Well

Jones Well

TGRS Extraction Well

TGRS Injection Well

Facility as Labeled

Notes:
1) Groundwater elevations in feet MSL

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

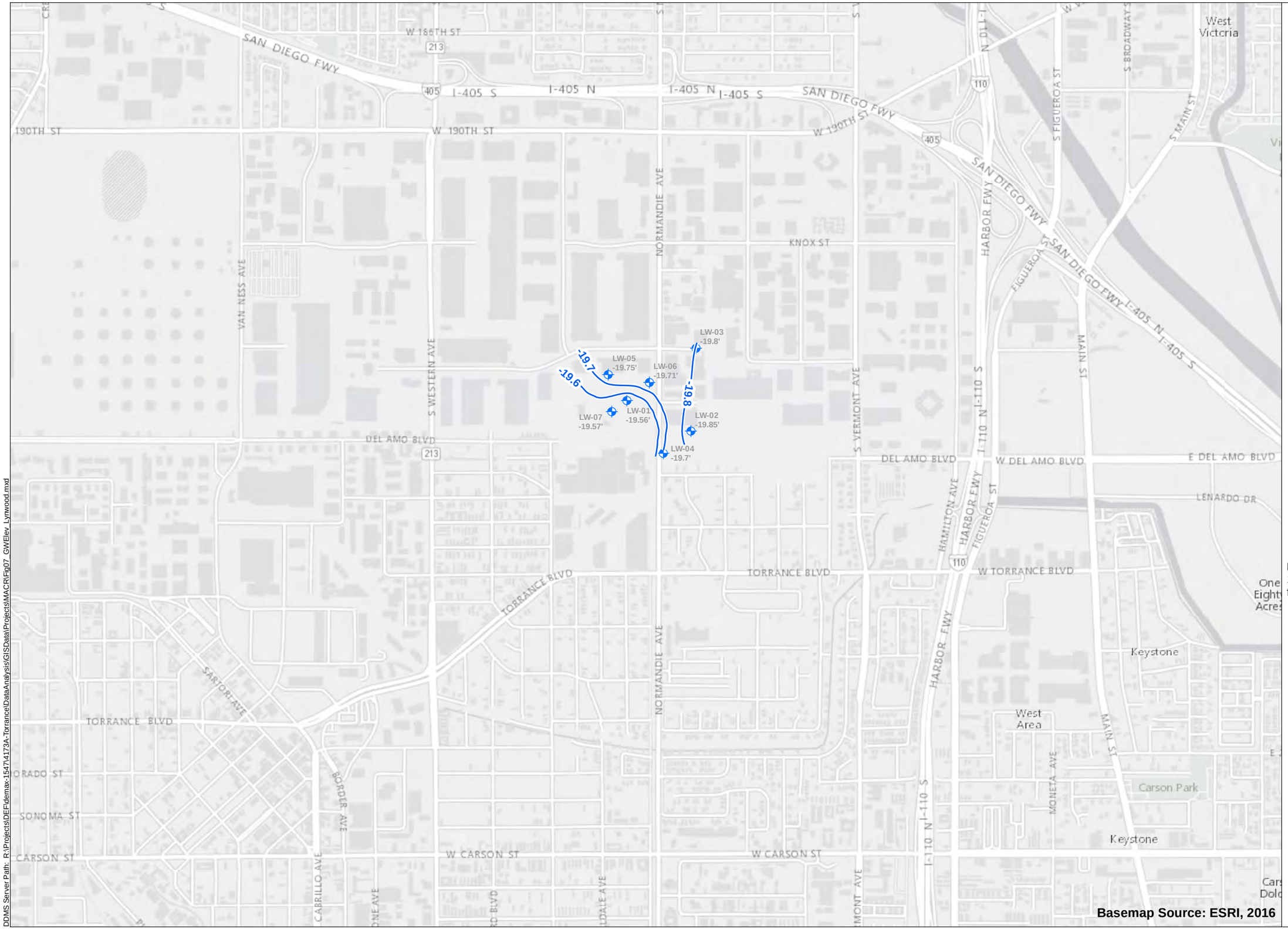
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig06_GWElev_Gage.mxd

Figure 7

Groundwater Elevation Lynwood 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



- Montrose Well
- Del Amo Well
- Boeing Well
- ILM Well
- Jones Well
- Groundwater Elevation Contour (ft MSL)
- Facility as Labeled

Notes:
1) Groundwater elevations in feet MSL

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig07_GWElev_Lynwood.mxd

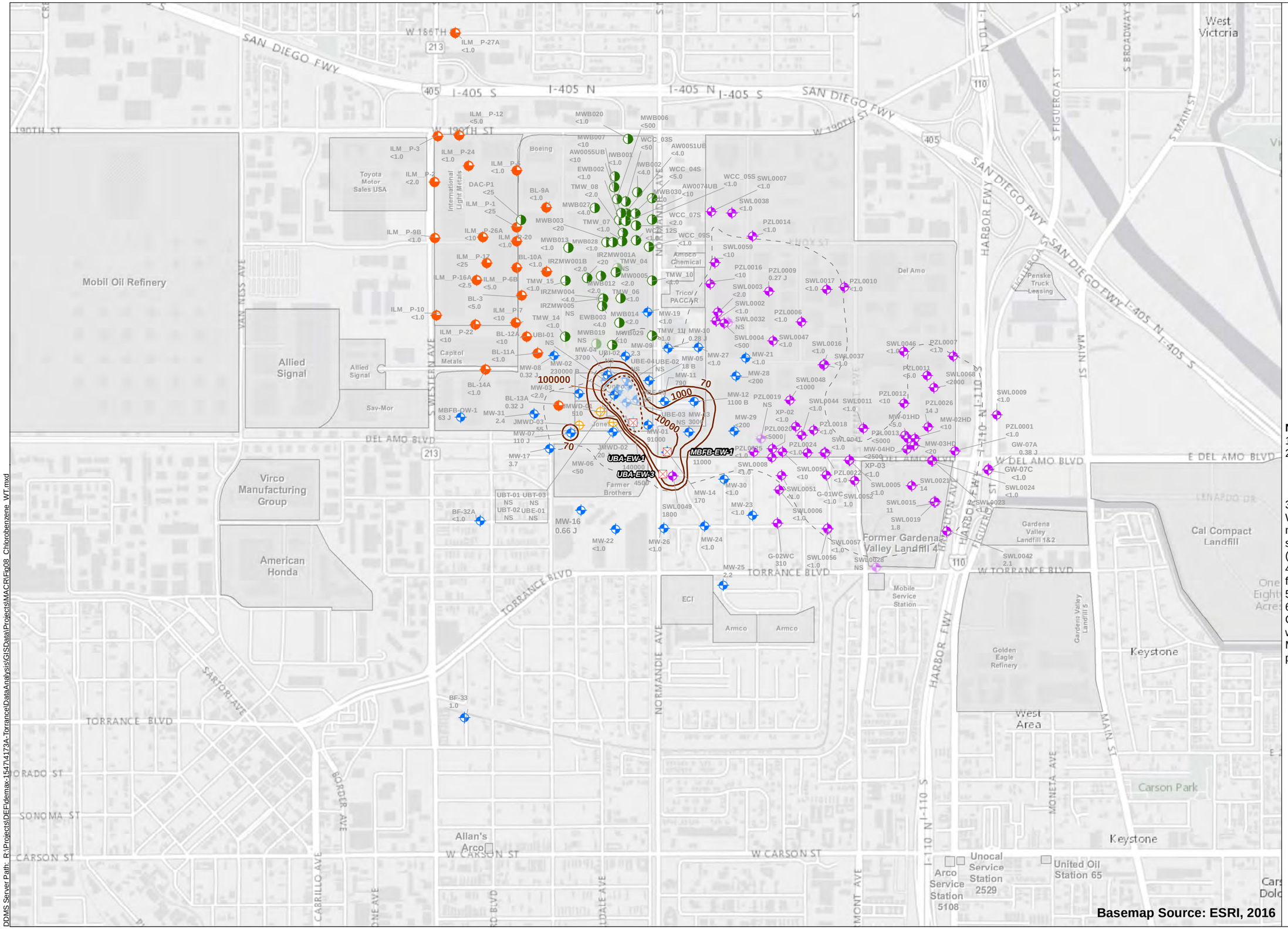


Figure 8

Dissolved Chlorobenzene Distribution Water Table 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Chlorobenzene Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL is 100 ug/l and State MCL is 70 ug/L for Chlorobenzene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) UBA-EW-3 sampled 3/12/2015
6) This Water Table Isoconcentration Contour map presents data from wells screened in the UBF and in the MBFB. Data from the MBFB is presented but not contoured.

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig08_Chlorobenzene_WT.mxd

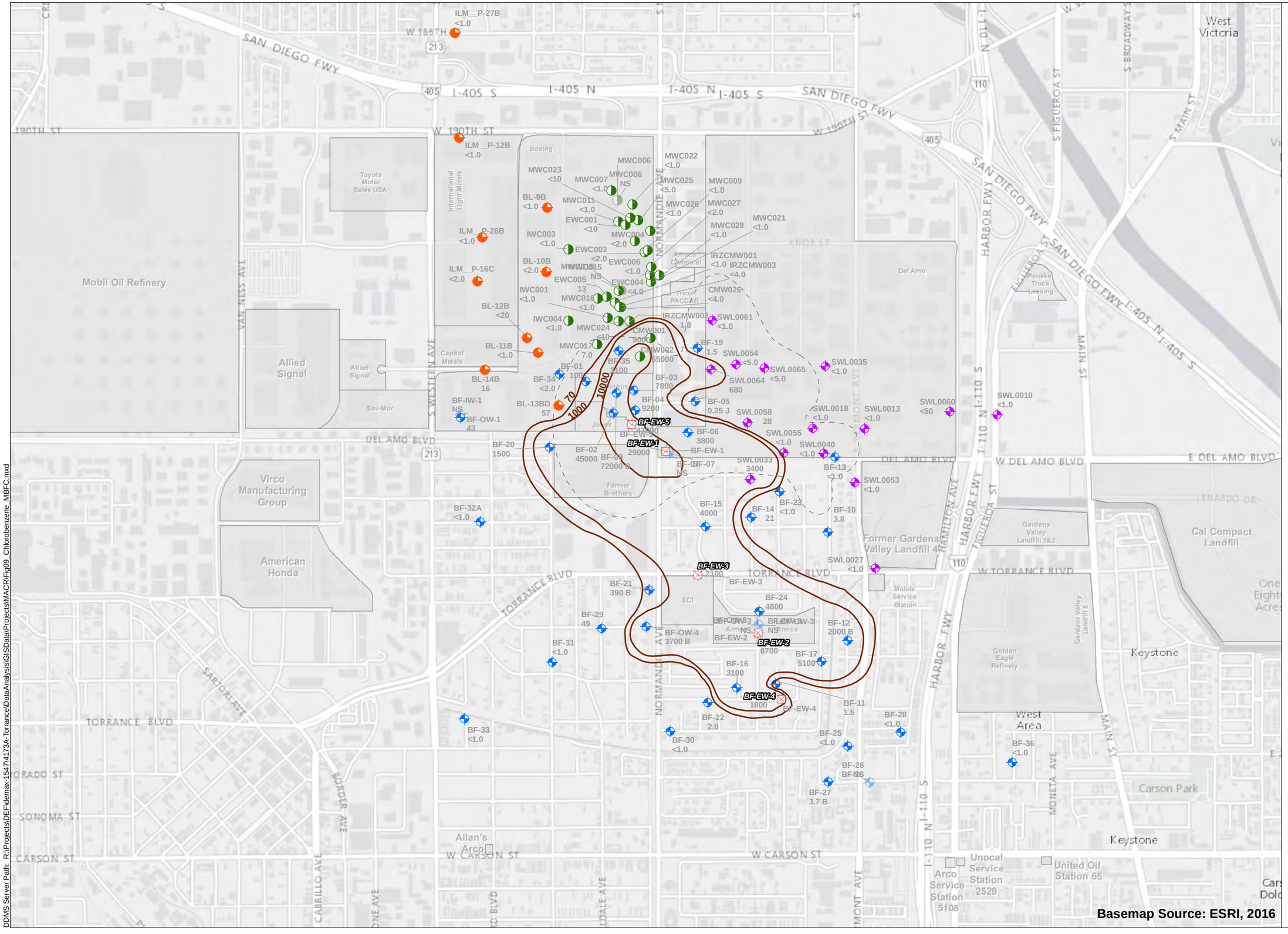


Figure 9

Dissolved Chlorobenzene Distribution MBFC 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016

- Chlorobenzene Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL is 100 ug/l and State MCL is 70 ug/L for Chlorobenzene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) BF-EW-1 and BF-EW-3 sampled 11/20/2015; BF-EW-2, and BF-EW-3, BF-EW-4 sampled 3/11/2015

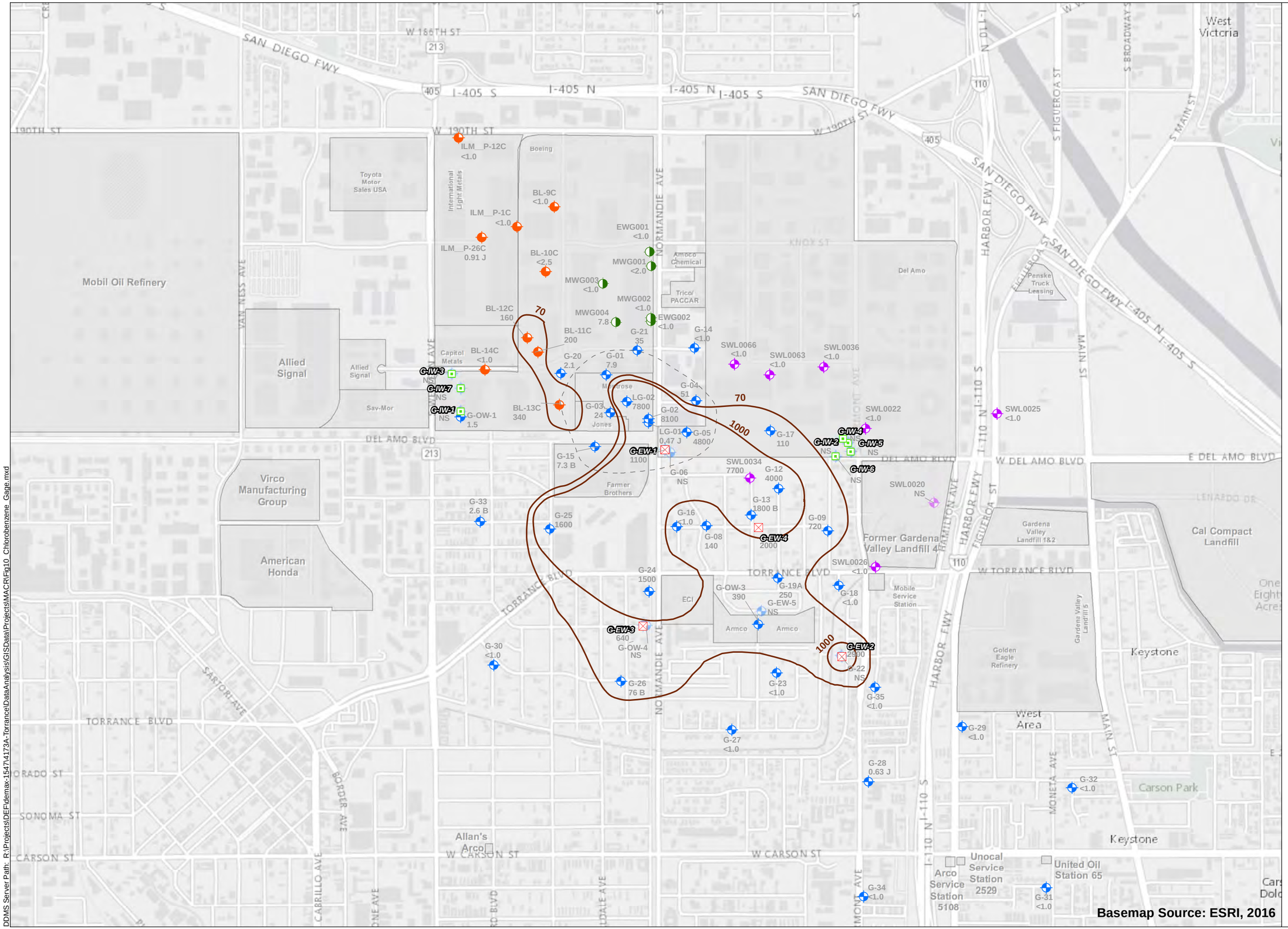
N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig09_Chlorobenzene_MBFC.mxd



Basemap Source: ESRI, 2016

Figure 10

Dissolved Chlorobenzene Distribution Gage 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/18/2016

- Chlorobenzene Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL is 100 ug/l and State MCL is 70 ug/L for Chlorobenzene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

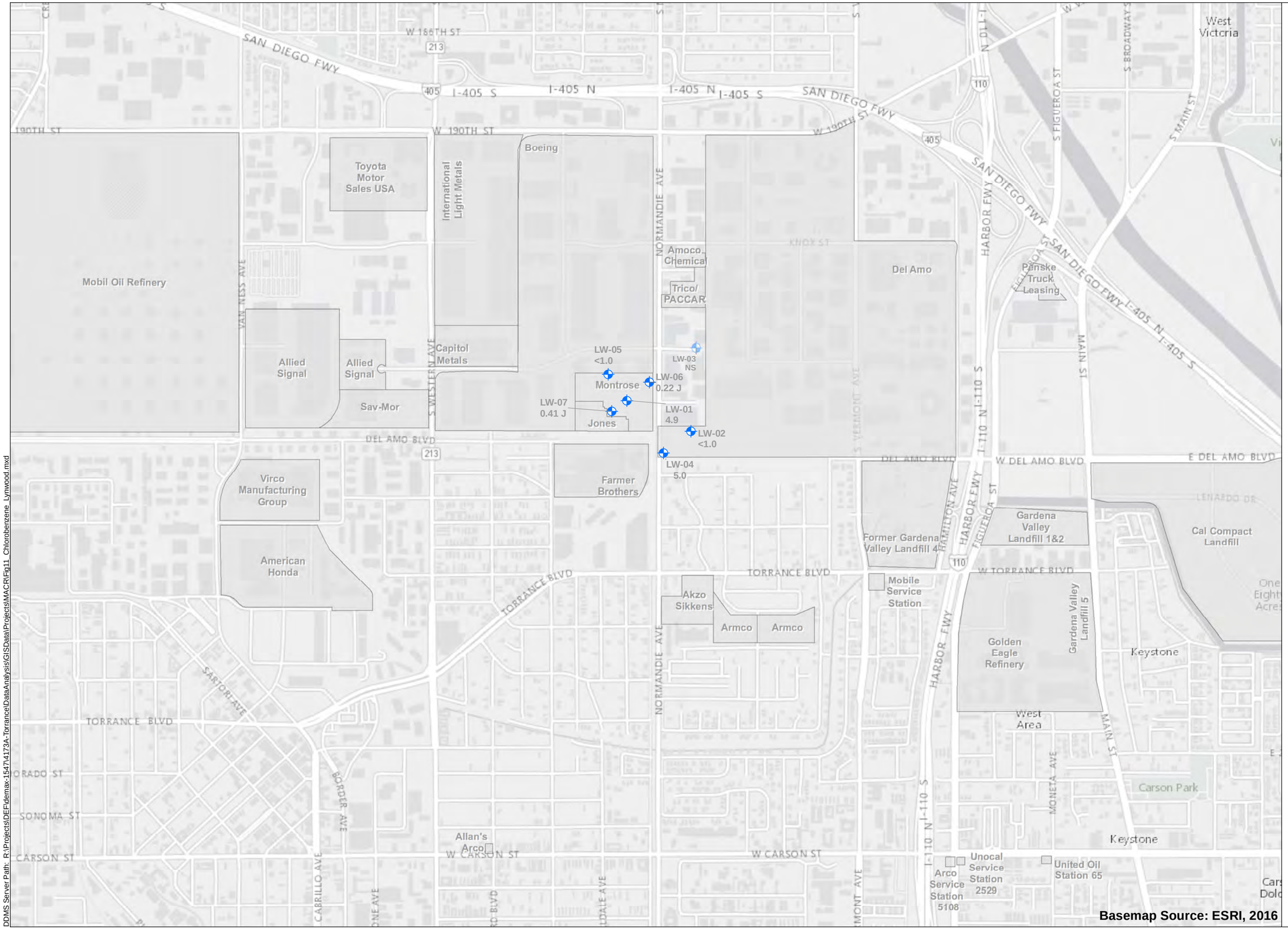
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig10_Chlorobenzene_Gage.mxd

Figure 11

Dissolved Chlorobenzene Distribution Lynwood 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/1/2016



Basemap Source: ESRI, 2016

- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL is 100 ug/l and State MCL is 70 ug/L for Chlorobenzene, Source: Montrose Superfund Site ROD (EPA, 1999)

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig11_Chlorobenzene_Lynwood.mxd

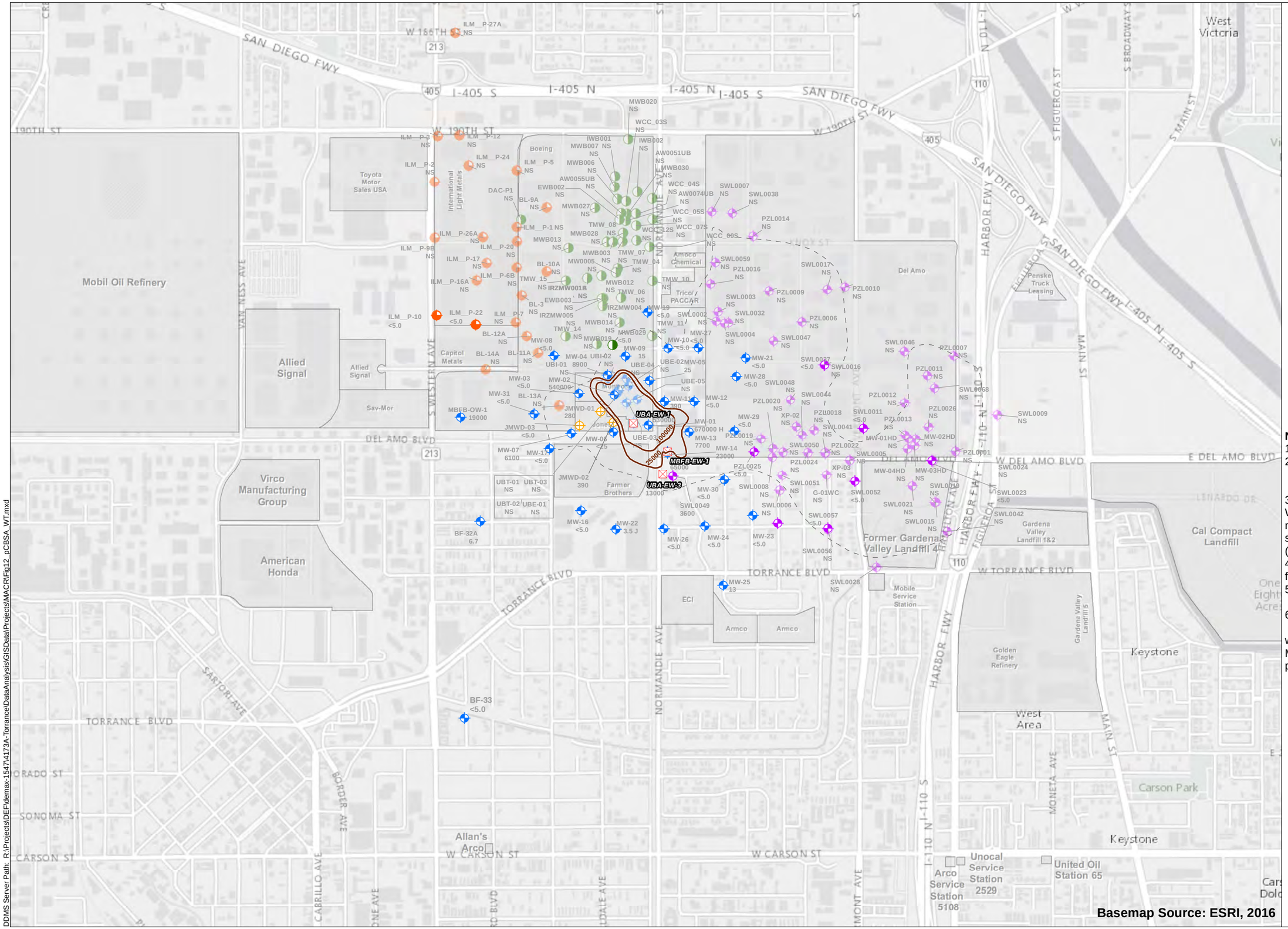


Figure 12

Dissolved pCBSA Distribution Water Table 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016

- pCBSA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL injection limit is 25,000 ug/L for pCBSA, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) UBA-EW-3 sampled on 3/12/2015
6) This Water Table Isoconcentration Contour map presents data from wells screened in the UBF and in the MBFB. Data from the MBFB is presented but not contoured.

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig12_pCBSA_WT.mxd

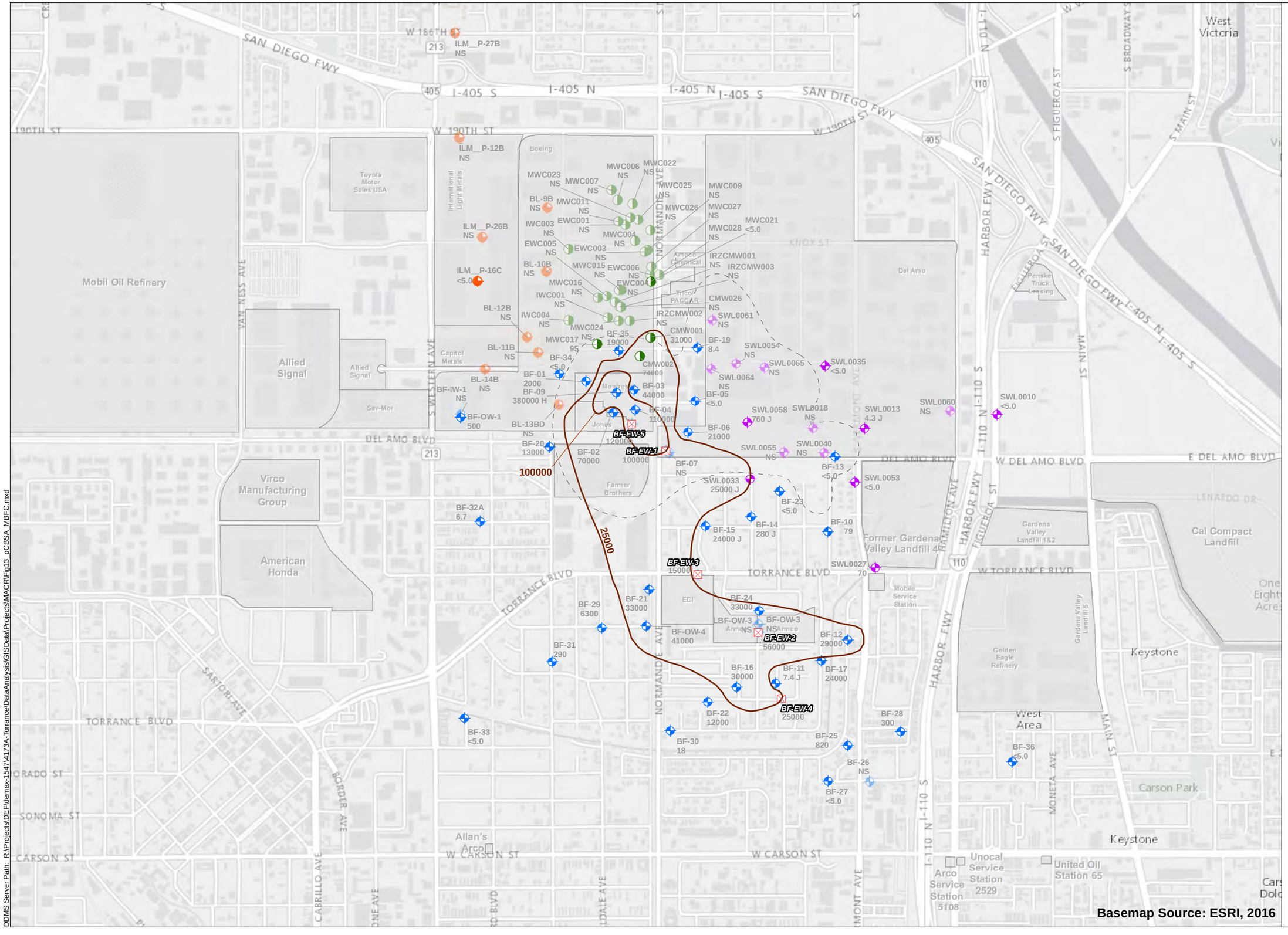


Figure 13

Dissolved pCBSA Distribution MBFC 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016

- pCBSA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL injection limit is 25,000 ug/L for pCBSA, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) BF-EW-1 and BF-EW-5 sampled 11/20/2015; BF-EW-2 and BF-EW-4 sampled 3/11/2015; BF-EW-3 sampled 3/12/2015

N

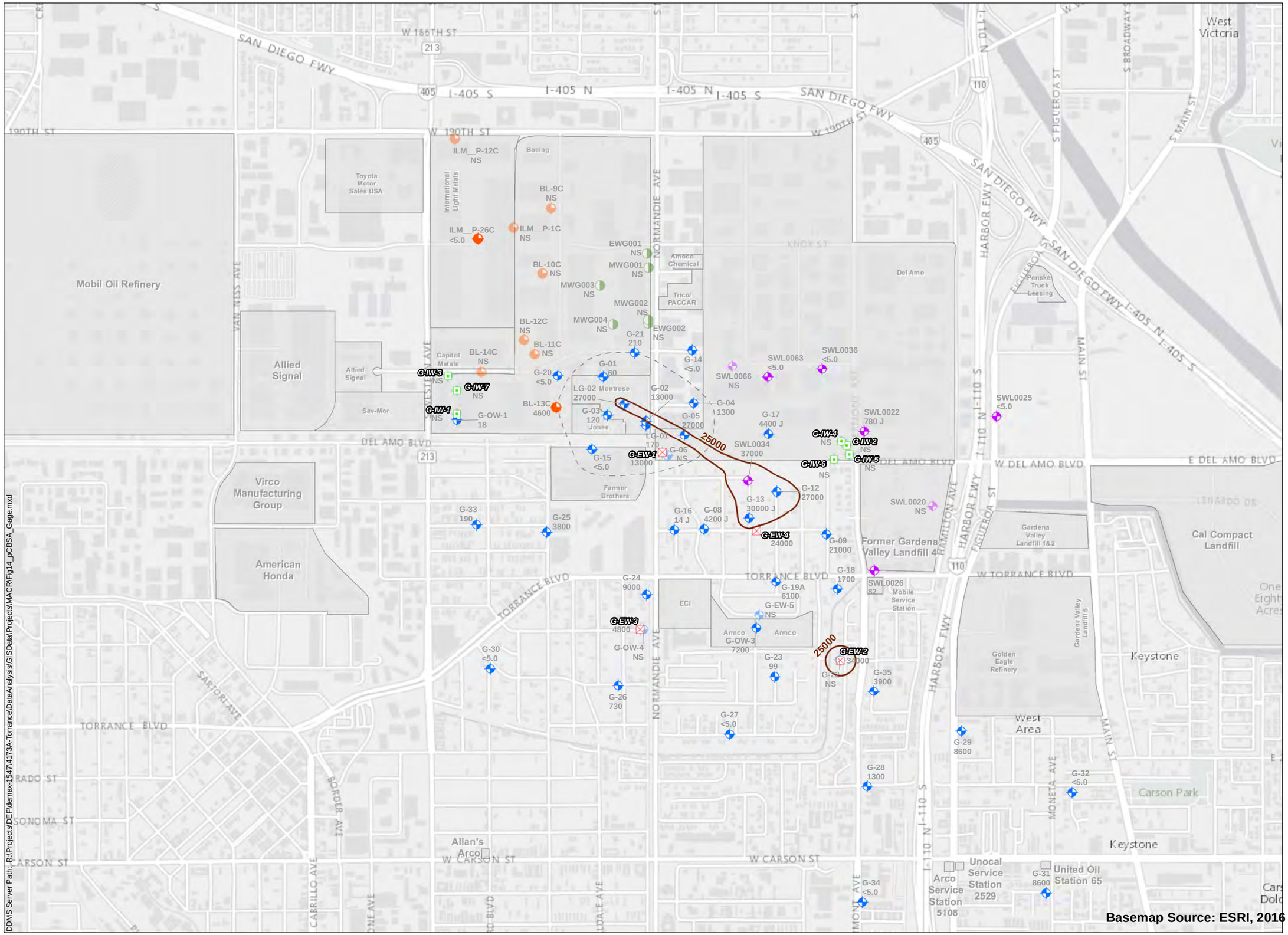
0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig13_pCBSA_MBFC.mxd



DDMS Server Path: R:\Projects\DEF\demax-15471\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig14_pCBSA_Gage.mxd

Figure 14

Dissolved pCBSA Distribution Gage 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- pCBSA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL injection limit is 25,000 ug/L for pCBSA, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

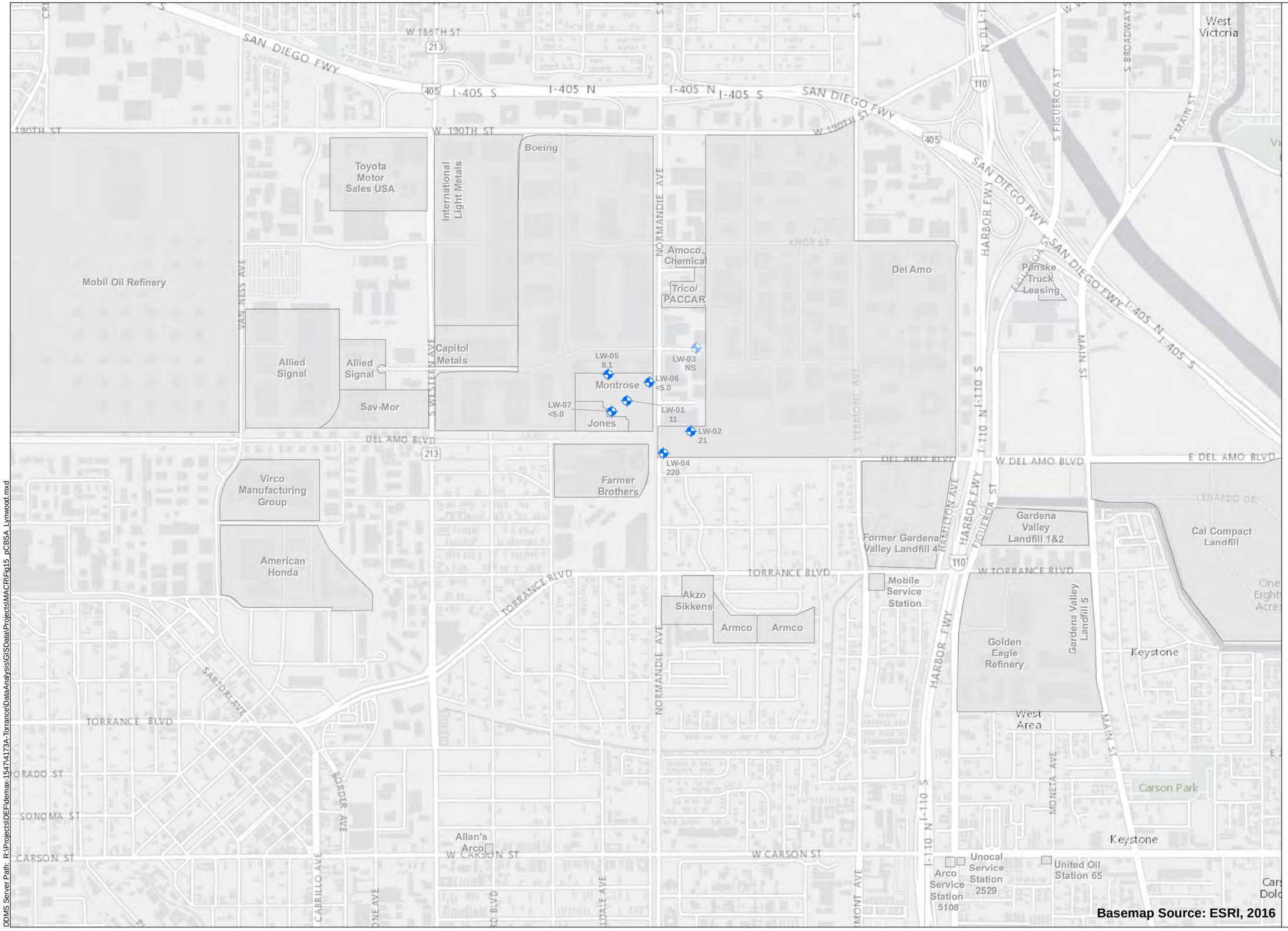
Figure generated by ddms

Figure 15

Dissolved pCBSA Distribution Lynwood 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/1/2016



- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL injection limit is 25,000 ug/L for pCBSA, Source: Montrose Superfund Site ROD (EPA, 1999)

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig15_pCBSA_Lynwood.mxd

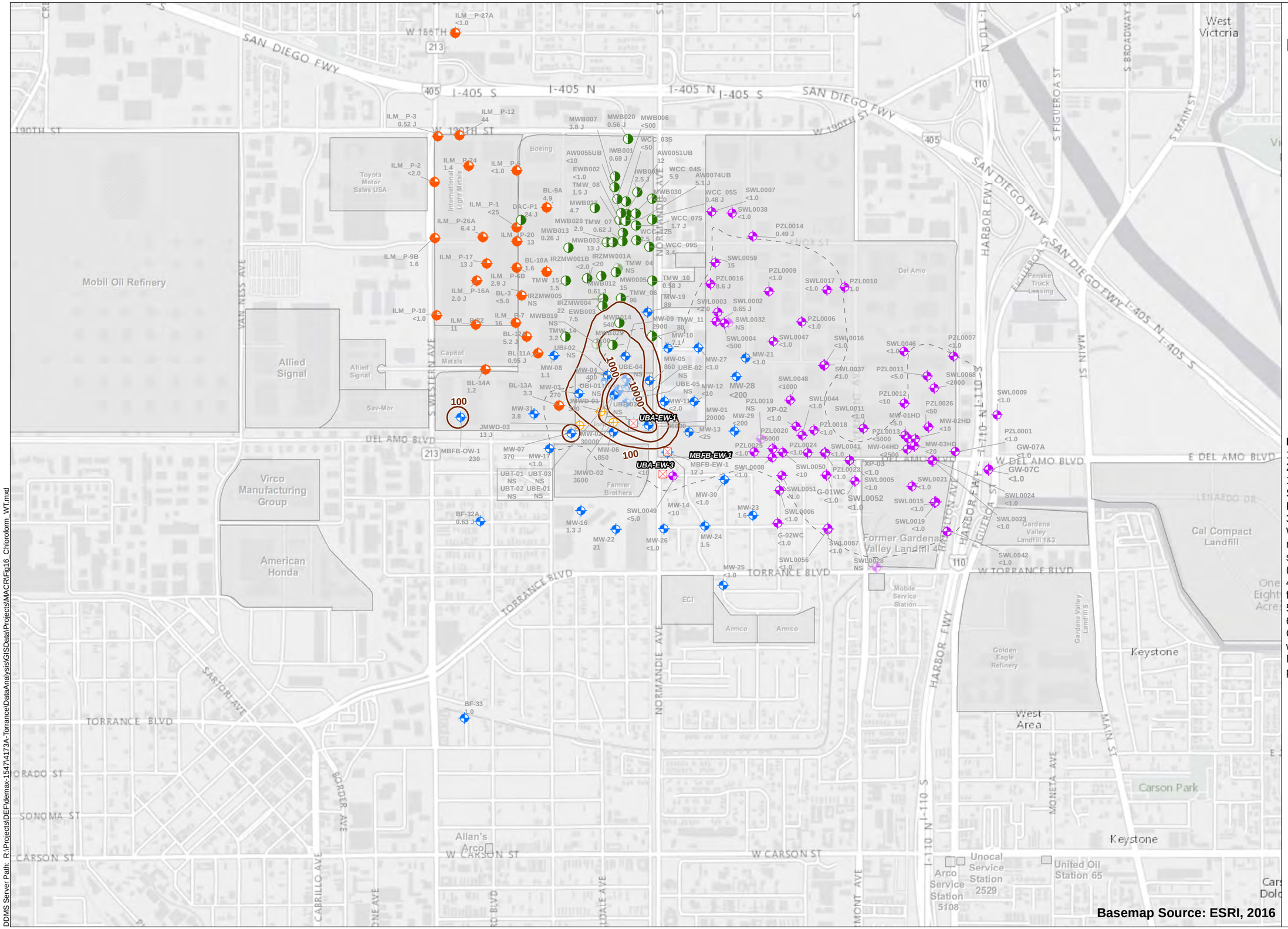


Figure 16

Dissolved Chloroform Distribution Water Table 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Chloroform Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL and State MCL is 100 ug/L for Chloroform, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) UBA-EW-3 sampled 3/12/2015
6) This Water Table Isoconcentration Contour map presents data from wells screened in the UBF and in the MBFB. Data from the MBFB is presented but not contoured.

N

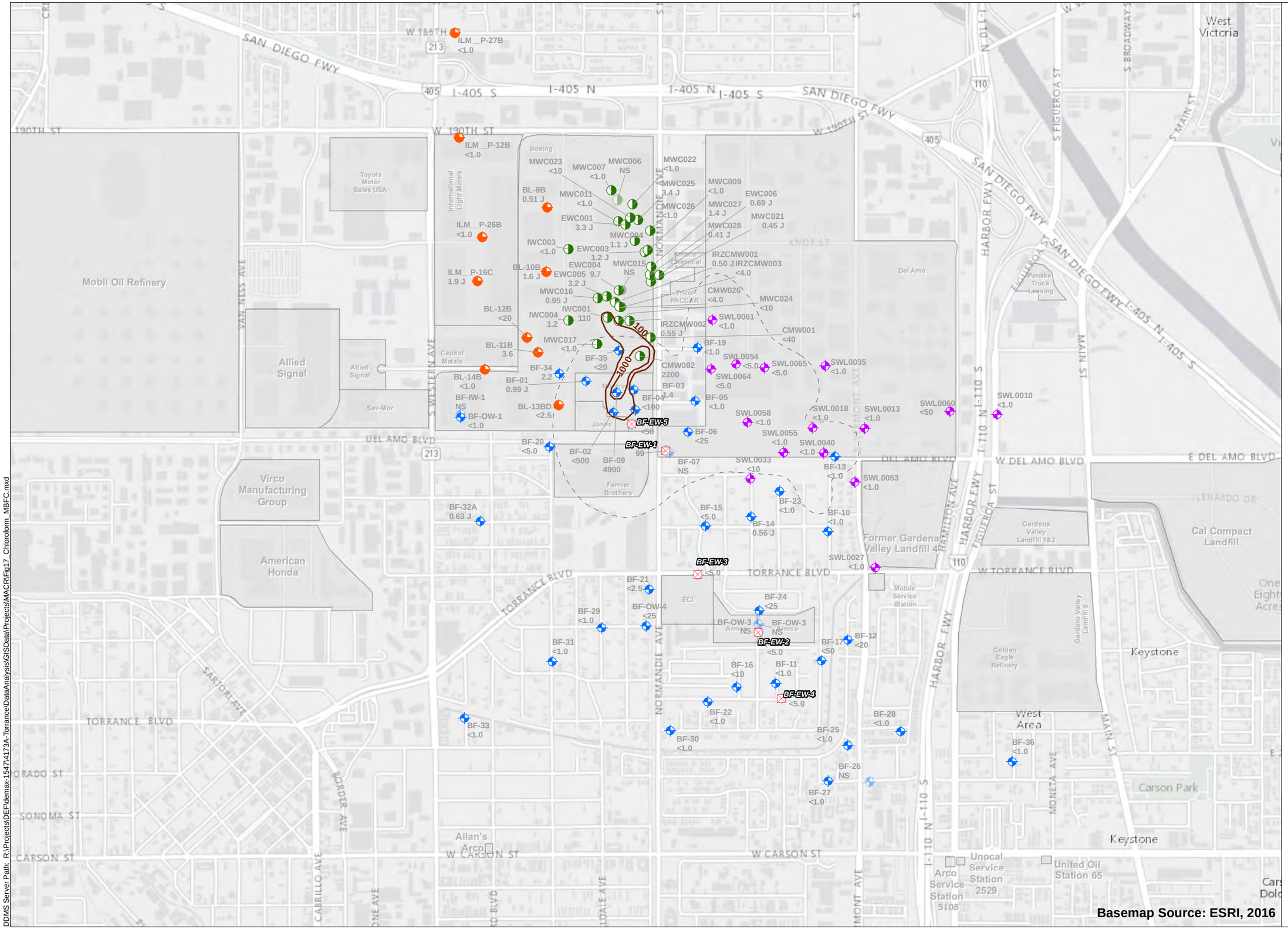
0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig16_Chloroform_WT.mxd



Basemap Source: ESRI, 2016

Figure 17

Dissolved Chloroform Distribution MBFC 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Chloroform Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL and State MCL is 100 ug/L for Chloroform, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) BF-EW-1 and BF-EW-3 sampled 11/20/2015; BF-EW-2, and BF-EW-3, BF-EW-4 sampled 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

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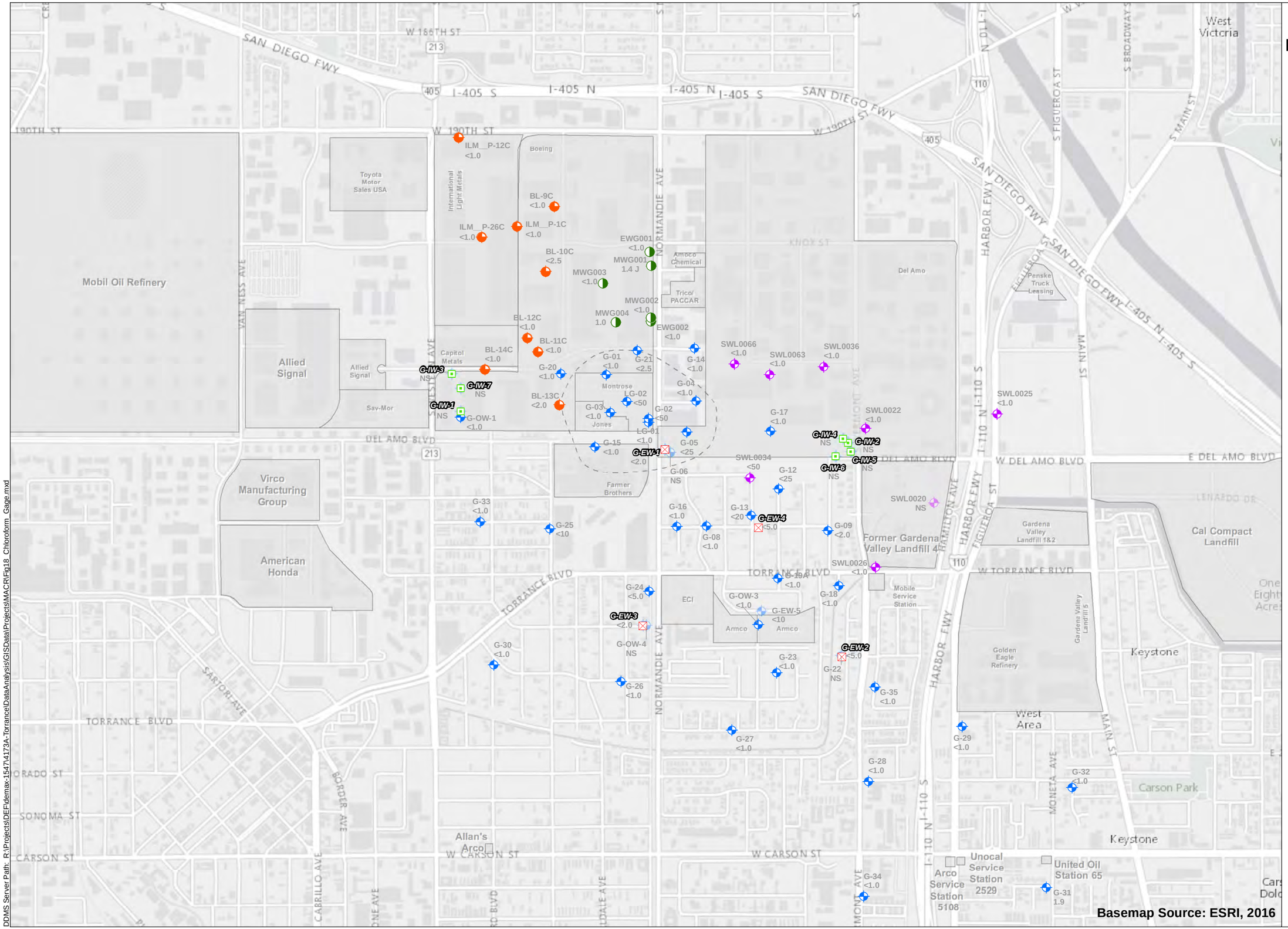


Figure 18

Dissolved Chloroform Distribution Gage 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL and State MCL is 100 ug/L for Chloroform, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

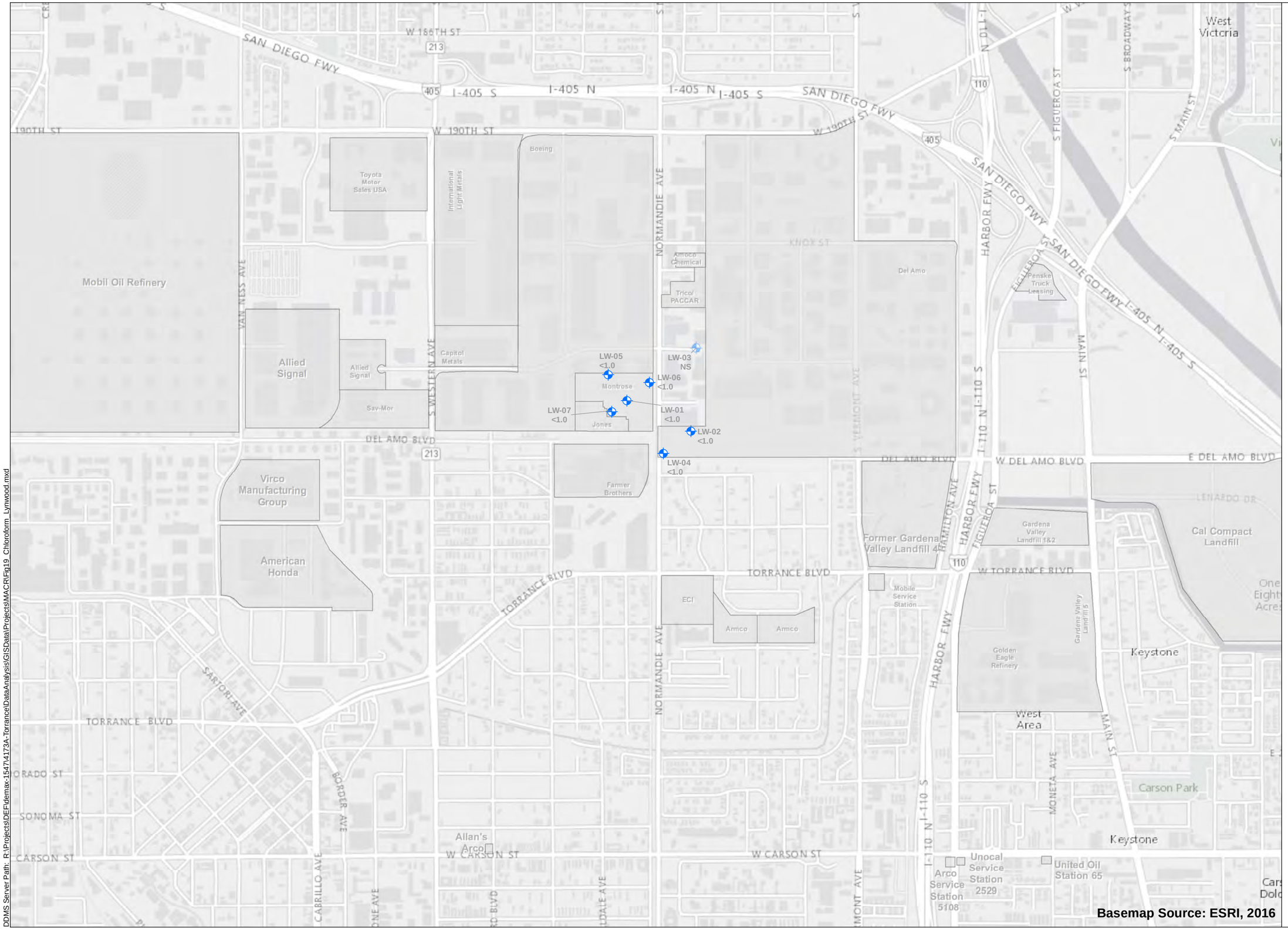
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig18_Chloroform_Gage.mxd

Figure 19

Dissolved Chloroform Distribution Lynwood 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL and State MCL is 100 ug/L for Chloroform,
Source: Montrose Superfund Site ROD (EPA, 1999)

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig19_Chloroform_Lynwood.mxd

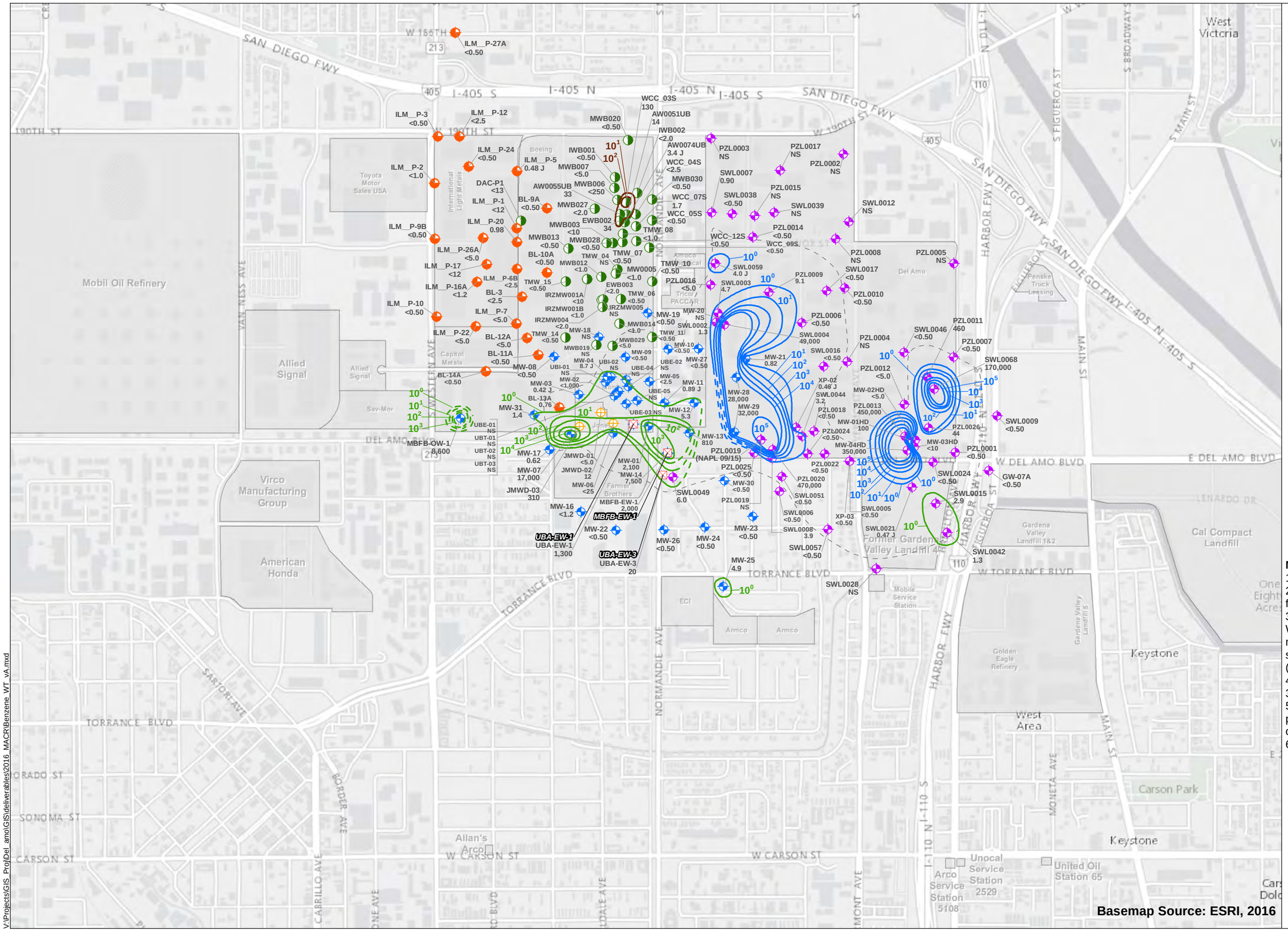


Figure 20

Dissolved Benzene Distribution Water Table

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) UBA-EW-3 sampled on 3/12/2015
5) (NAPL 09/15): Non-aqueous phase liquid present, and date of observation.
6) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

V:\Projects\GIS_Proj\Del_amo\GIS\deliverables\2016_MACR\Benzene_WT_vA.mxd

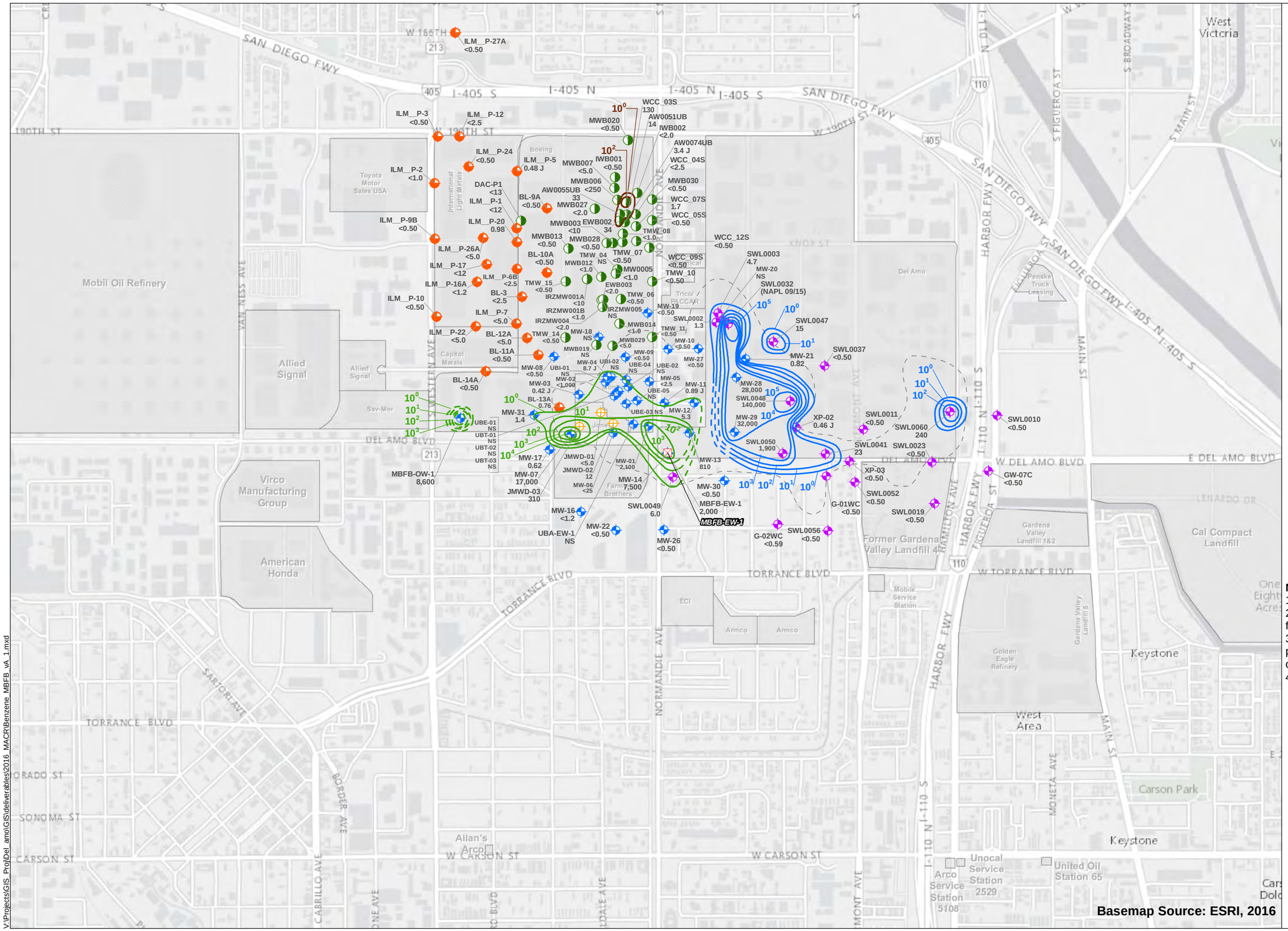


Figure 21

Dissolved Benzene Distribution MBFB

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFB TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) (NAPL 09/15): Non-aqueous phase liquid present, and date of observation.
4) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

V:\Projects\GIS_Proj\Del_amo\GIS\deliverables\2016_MACR\Benzene_MBFB_vA_1.mxd

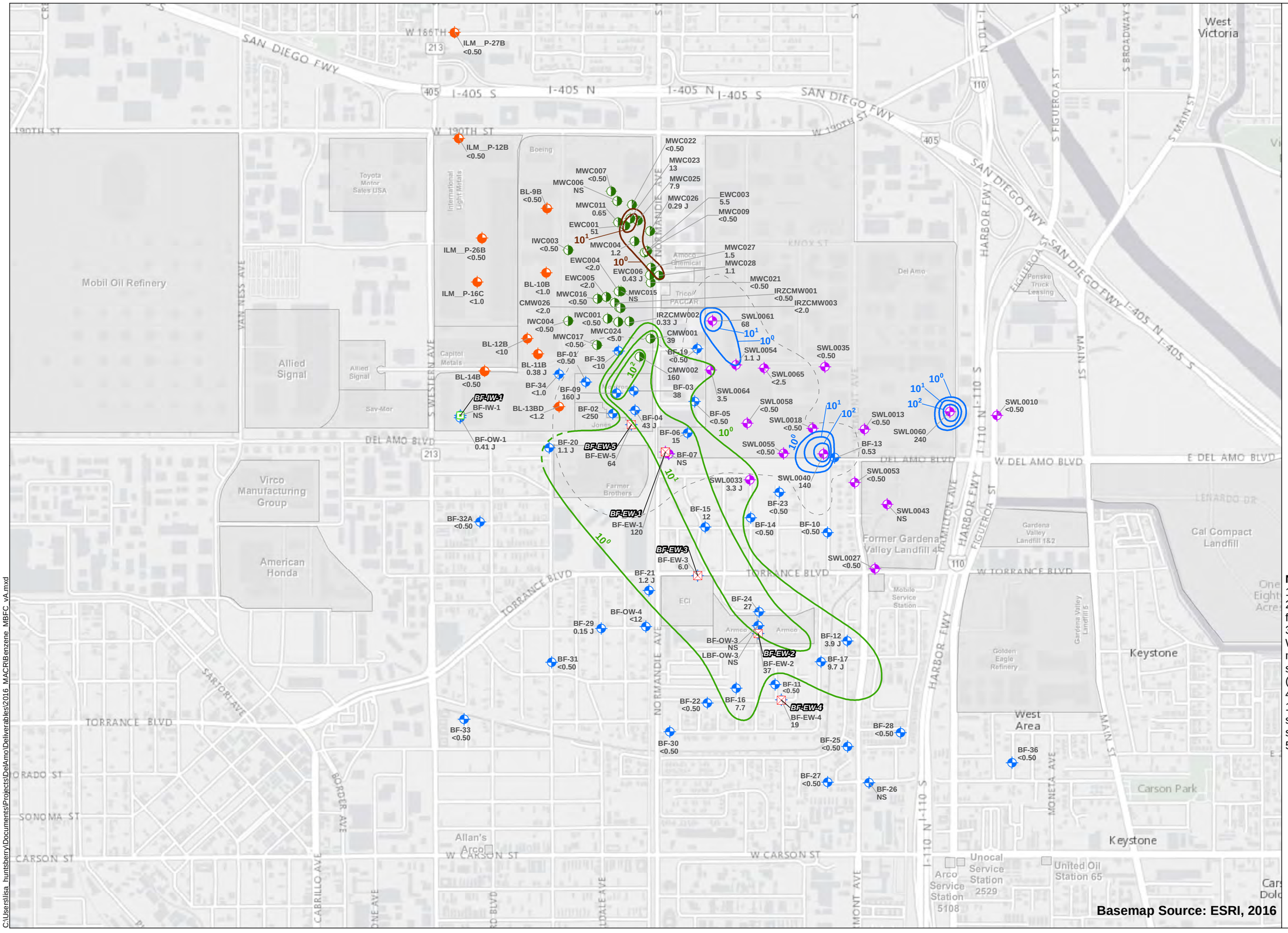


Figure 22

Dissolved Benzene Distribution MBFC

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-EW-1 and BF-EW-5 sampled 11/20/2015; BF-EW-2 and BF-EW-4 sampled 3/11/2015; BF-EW-3 sampled 3/12/2015
5) NS = Well Not Sampled

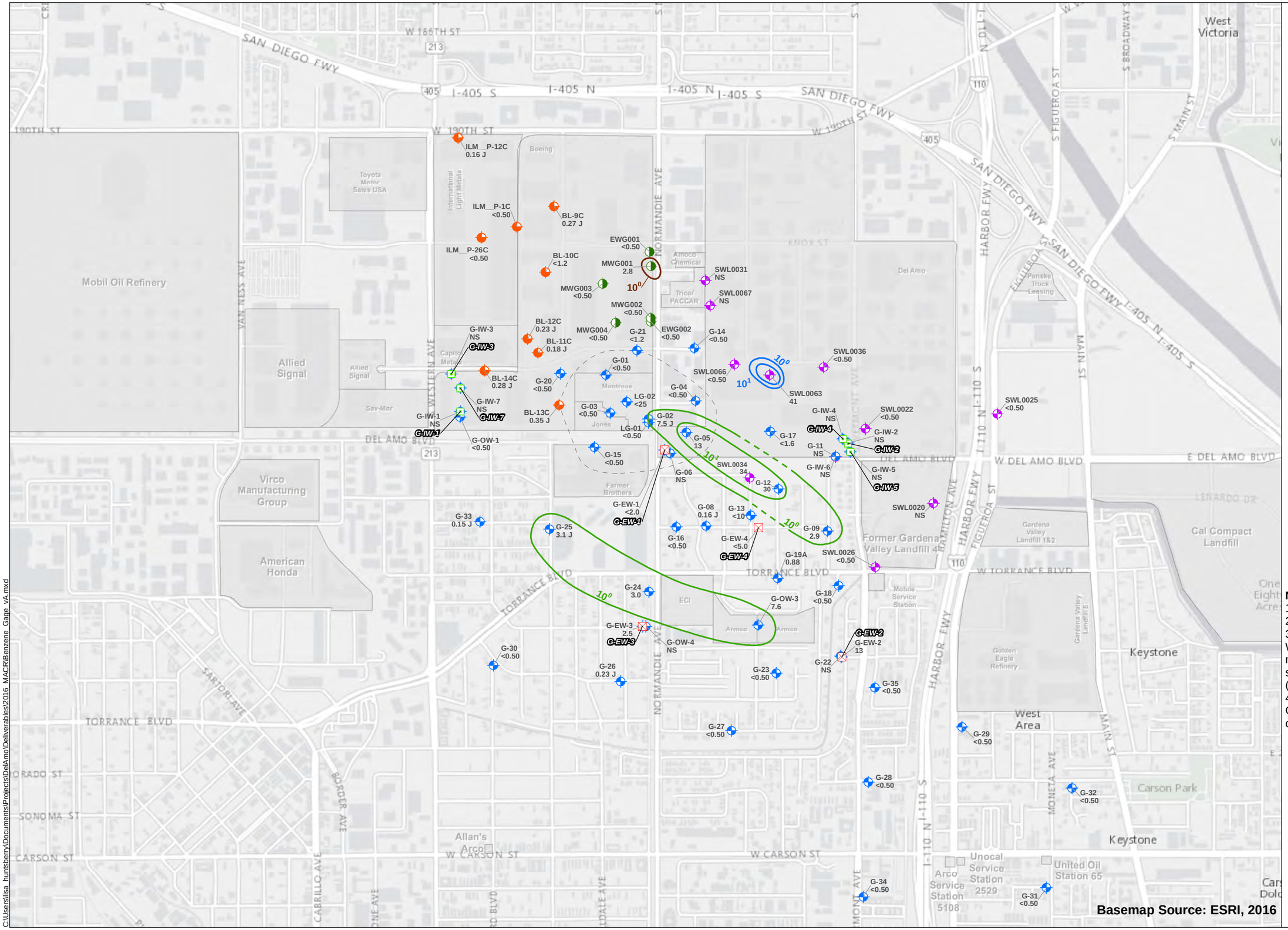
N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\Benzene_MBFC_vA.mxd



Basemap Source: ESRI, 2016

Figure 23

Dissolved Benzene Distribution Gage

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) NS = Well Not Sampled
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

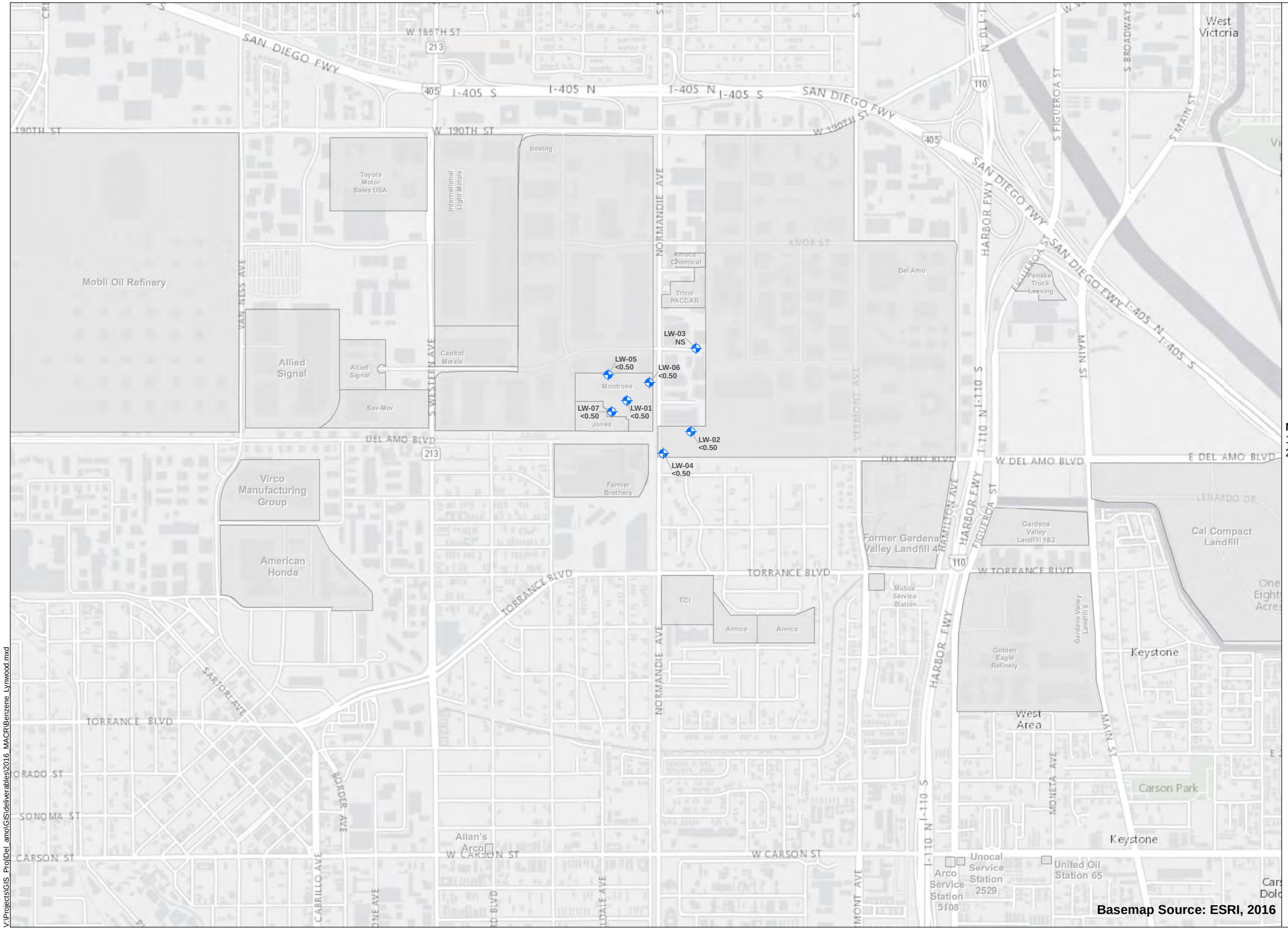
C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\Benzene_Gage_vA.mxd

Figure 24

Dissolved Benzene Distribution Lynwood

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR



- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

V:\Projects\GIS_Proj\Del_amo\GIS\deliverables\2016_MACR\Benzene_Lynwood.mxd

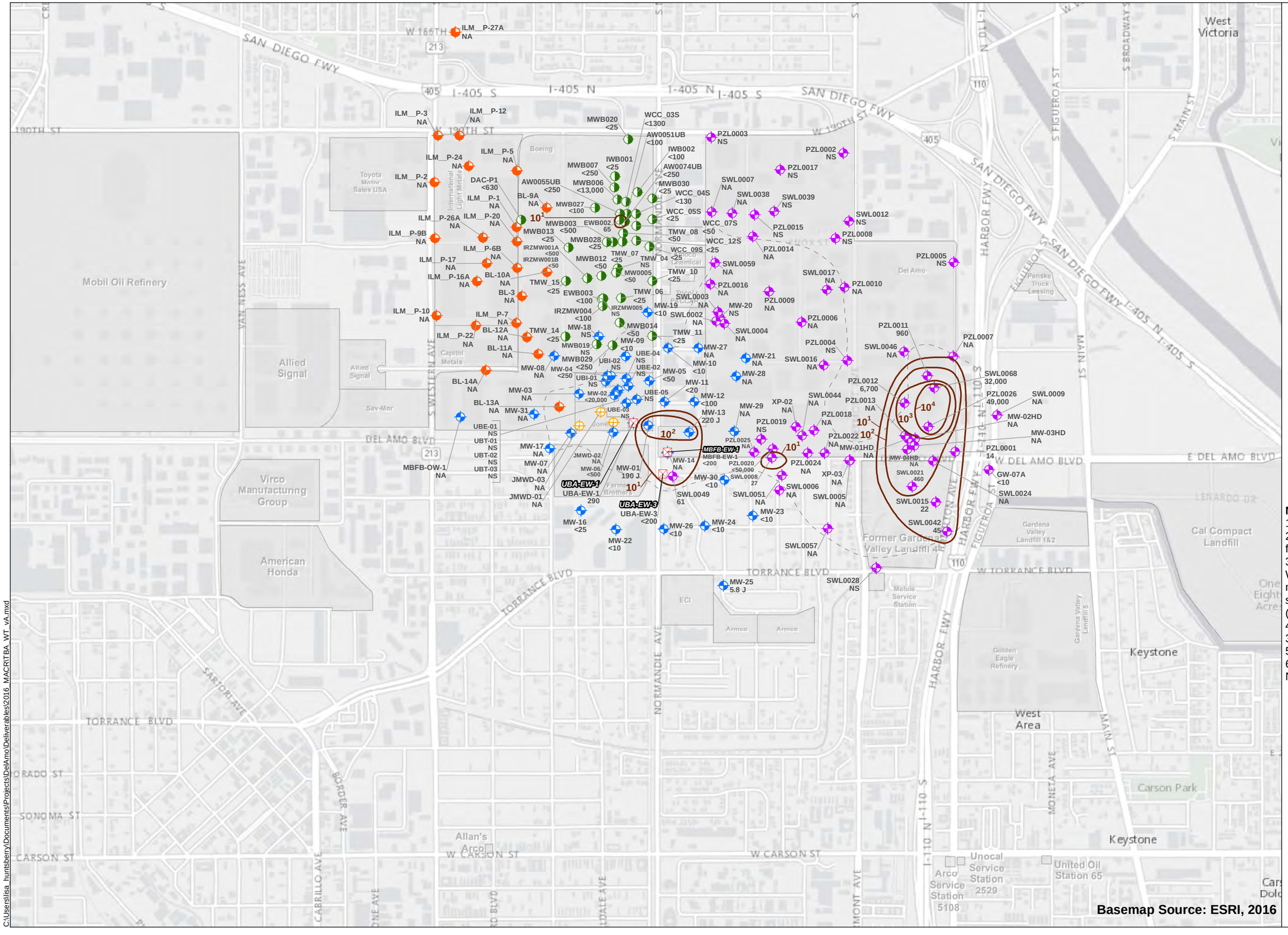


Figure 25

Dissolved TBA Distribution Water Table

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TBA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) UBA-EW-3 sampled on 3/12/2015
5) NS = Well Not Sampled
6) NA = Well Sampled, but Not Analyzed for TBA

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\TBA_WT_vA.mxd

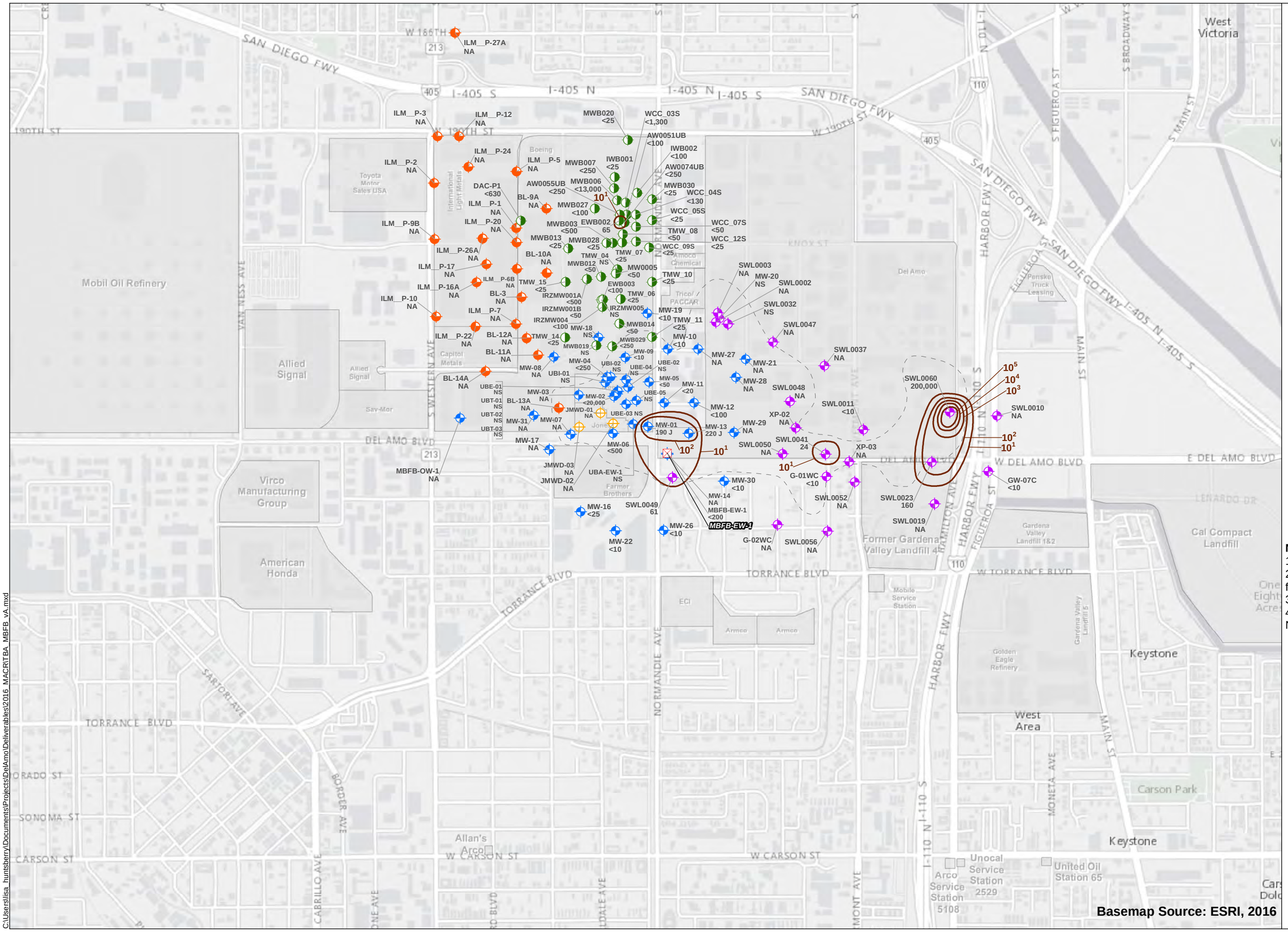


Figure 26

Dissolved TBA Distribution MBFB

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TBA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFB TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) NS = Well Not Sampled
4) NA = Well Sampled, but Not Analyzed for TBA

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\TBA_MBFB_v4.mxd

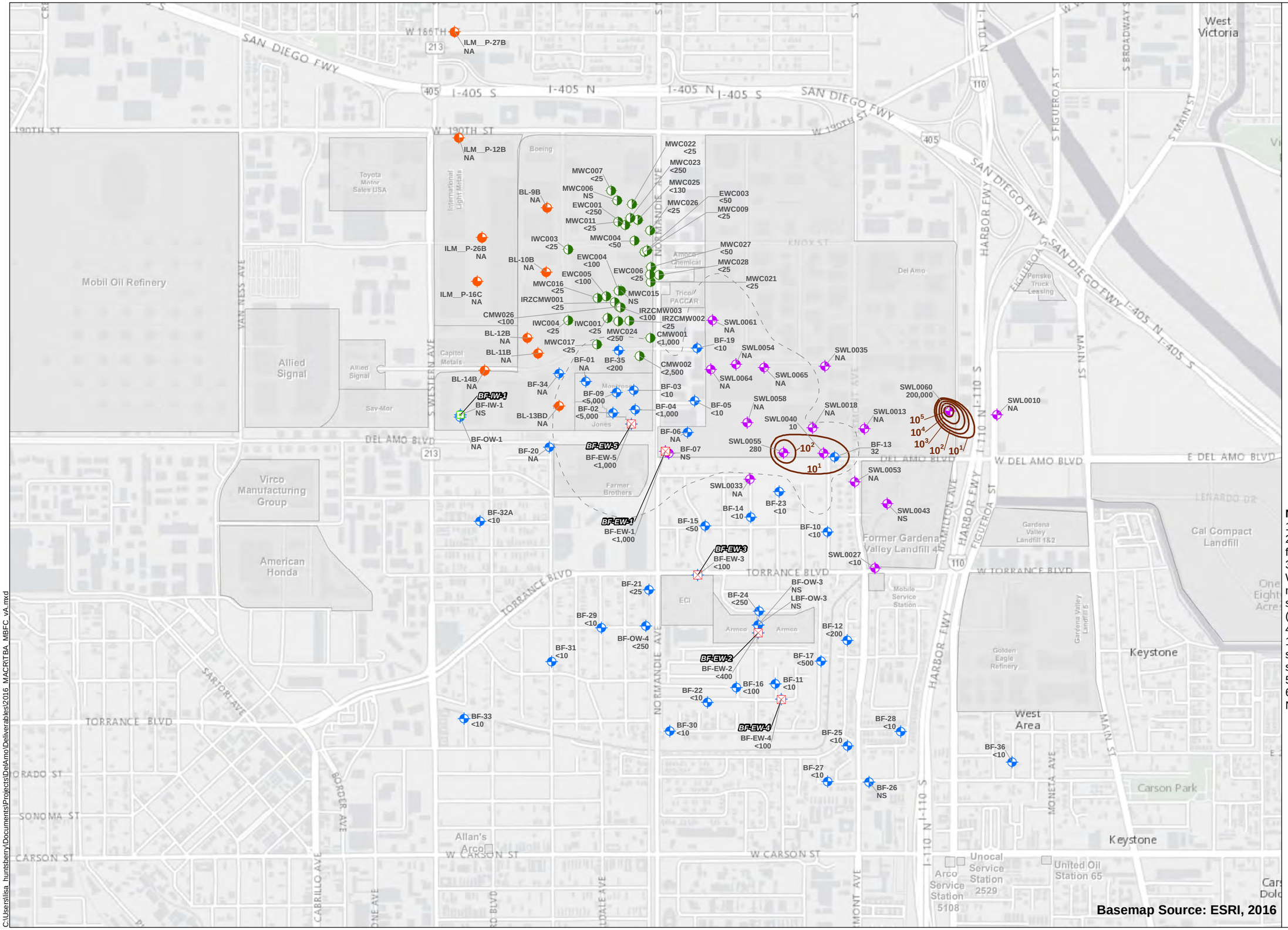


Figure 27

Dissolved TBA Distribution MBFC

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TBA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled

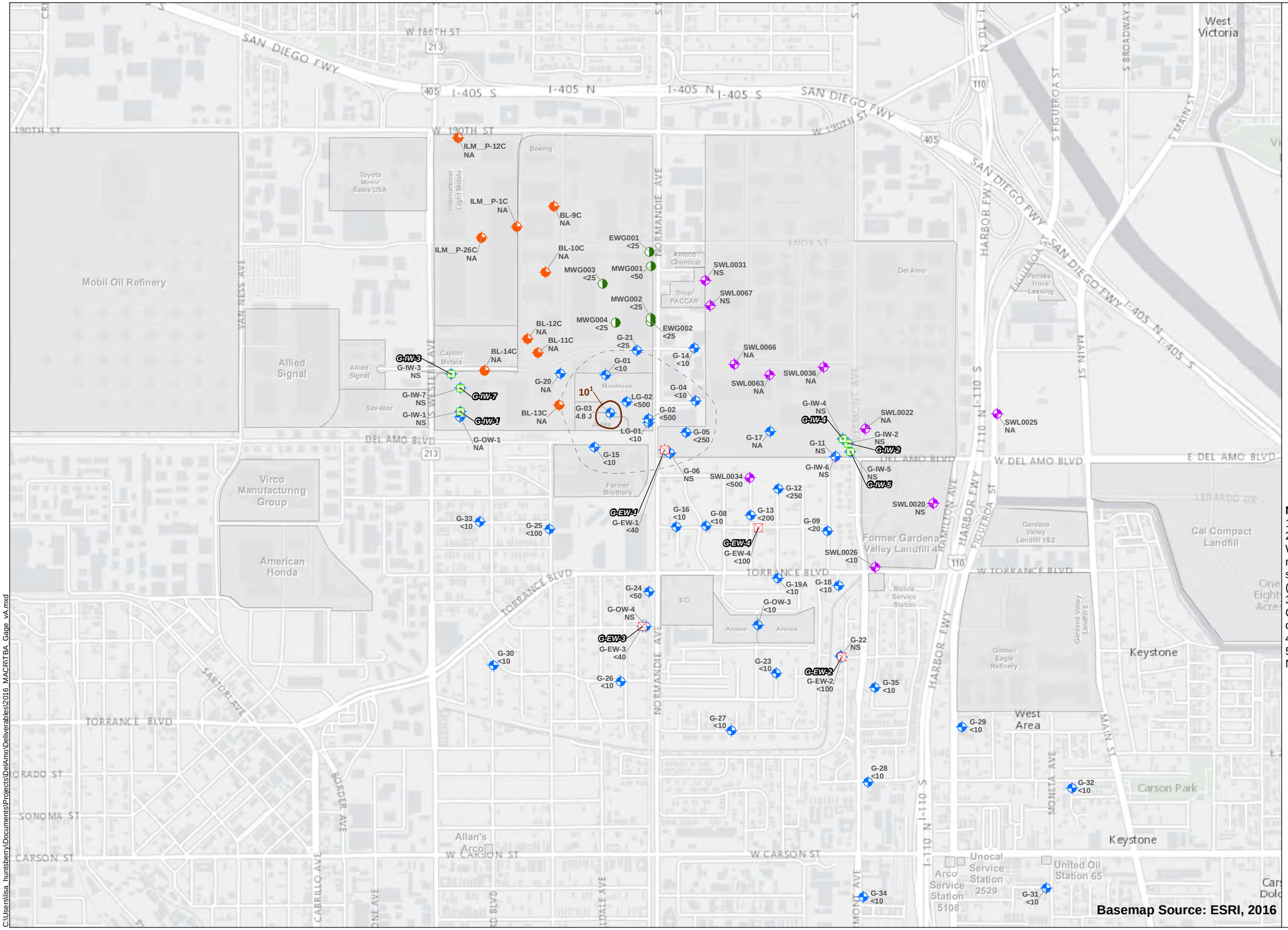
Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-EW-1 and BF-EW-5 sampled 11/20/2015; BF-EW-2 and BF-EW-4 sampled 3/11/2015; BF-EW-3 sampled 3/12/2015
5) NS = Well Not Sampled
6) NA = Well Sampled, but Not Analyzed for TBA

N

0 600 1,200 Feet

1 inch = 1,200 feet

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\TBA_MBFC_vA.mxd



Basemap Source: ESRI, 2016

Figure 28

Dissolved TBA Distribution Gage

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TBA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
3) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015
4) NS = Well Not Sampled
5) NA = Well Sampled, but Not Analyzed for TBA

N

0 600 1,200 Feet

1 inch = 1,200 feet

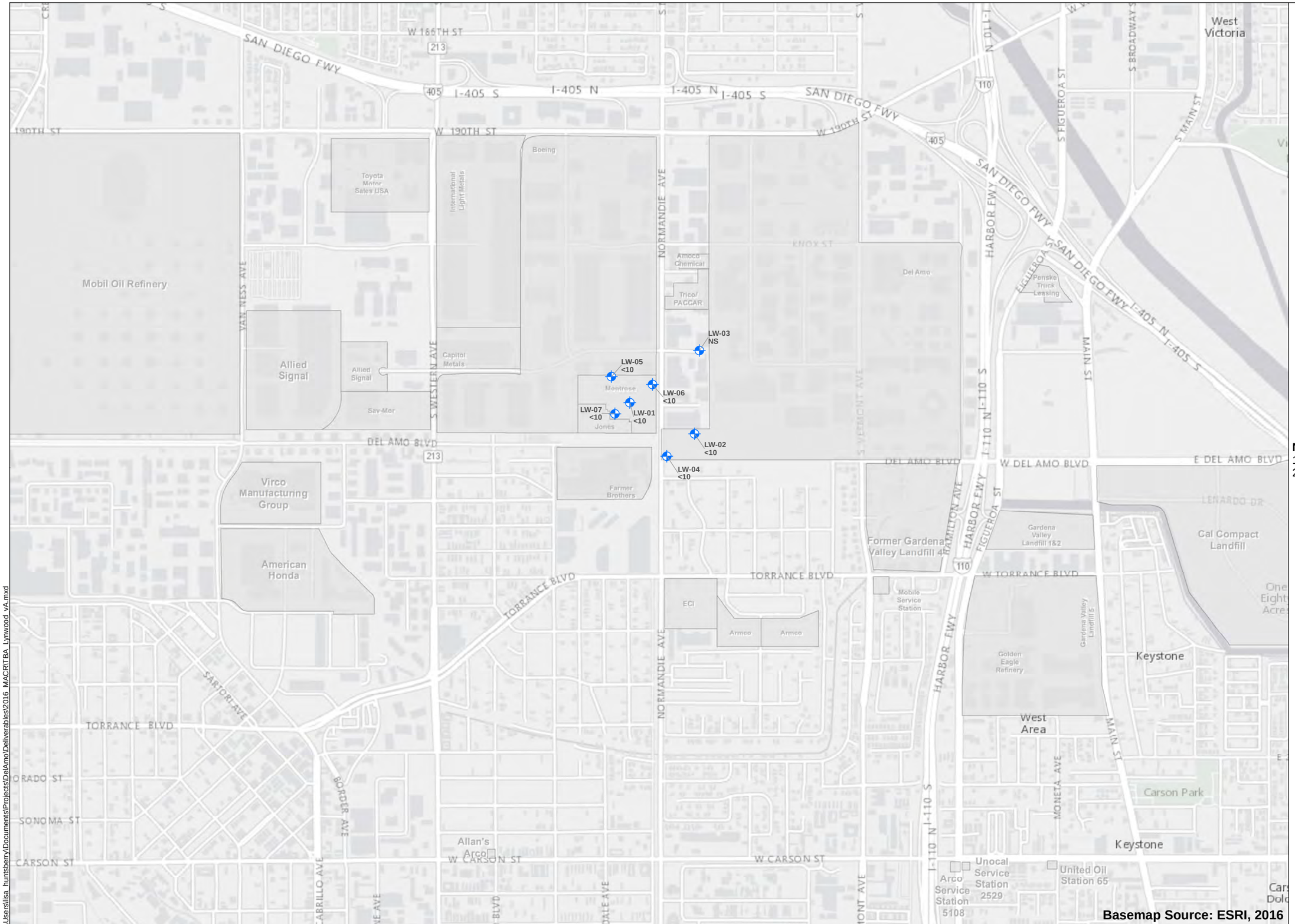
C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\TBA_Gage_vA.mxd

Figure 29

Dissolved TBA Distribution Lynwood

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR



Notes:
1) Concentration units in ug/L
2) NS = Well Not Sampled

- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\TBA_Lynwood_vA.mxd

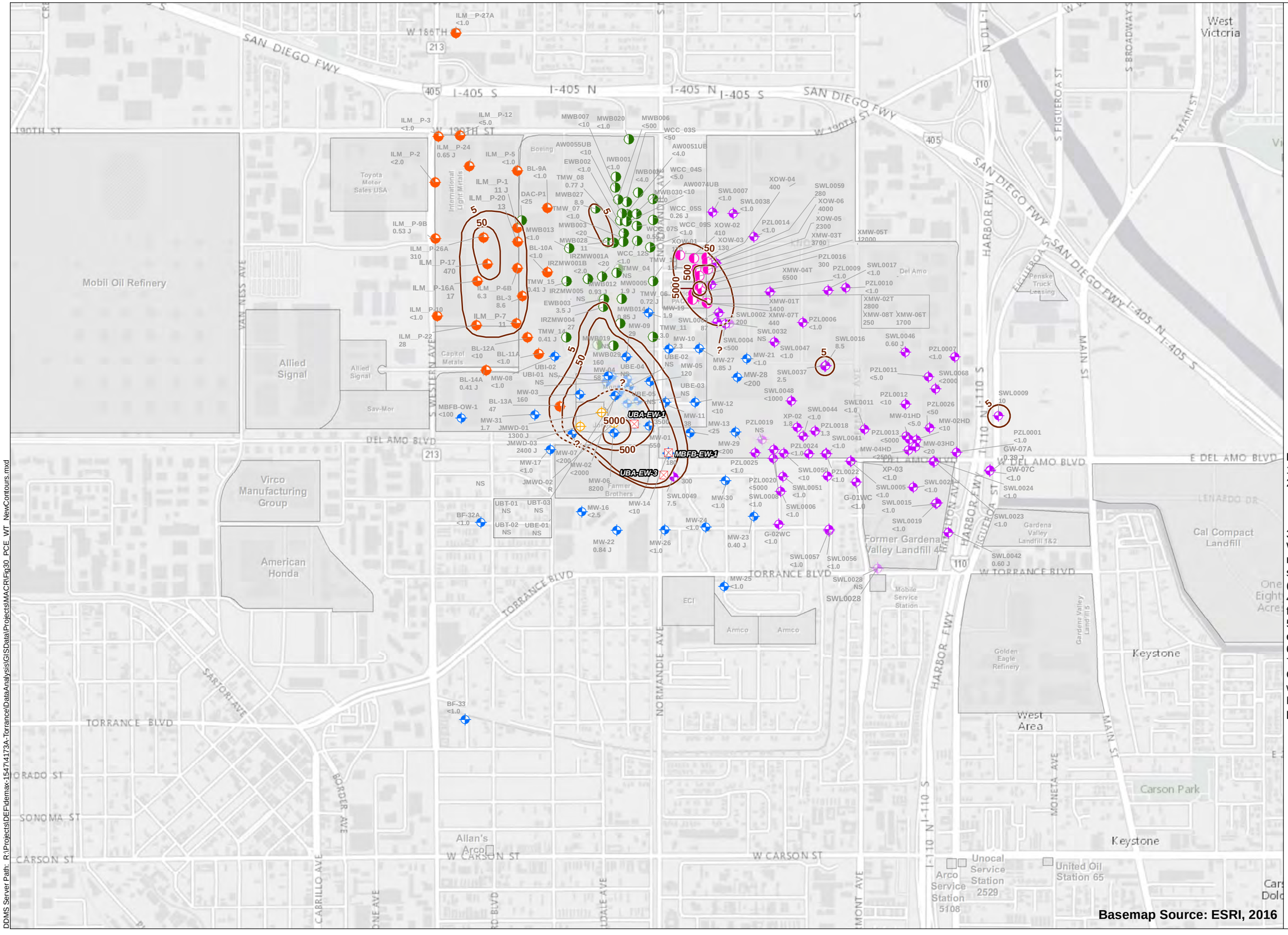


Figure 30

Dissolved Tetrachloroethene Distribution Water Table 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Tetrachloroethene Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Amoco/Trico Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL and State MCL is 5 ug/L for Tetrachloroethene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) Amoco/Trico results from sampling events between 1998-2004
6) UBA-EW-3 sampled 3/12/2015
7) This Water Table Isoconcentration Contour map presents data from wells screened in the UBF and in the MBFB. Data from the MBFB is presented but not contoured.

N

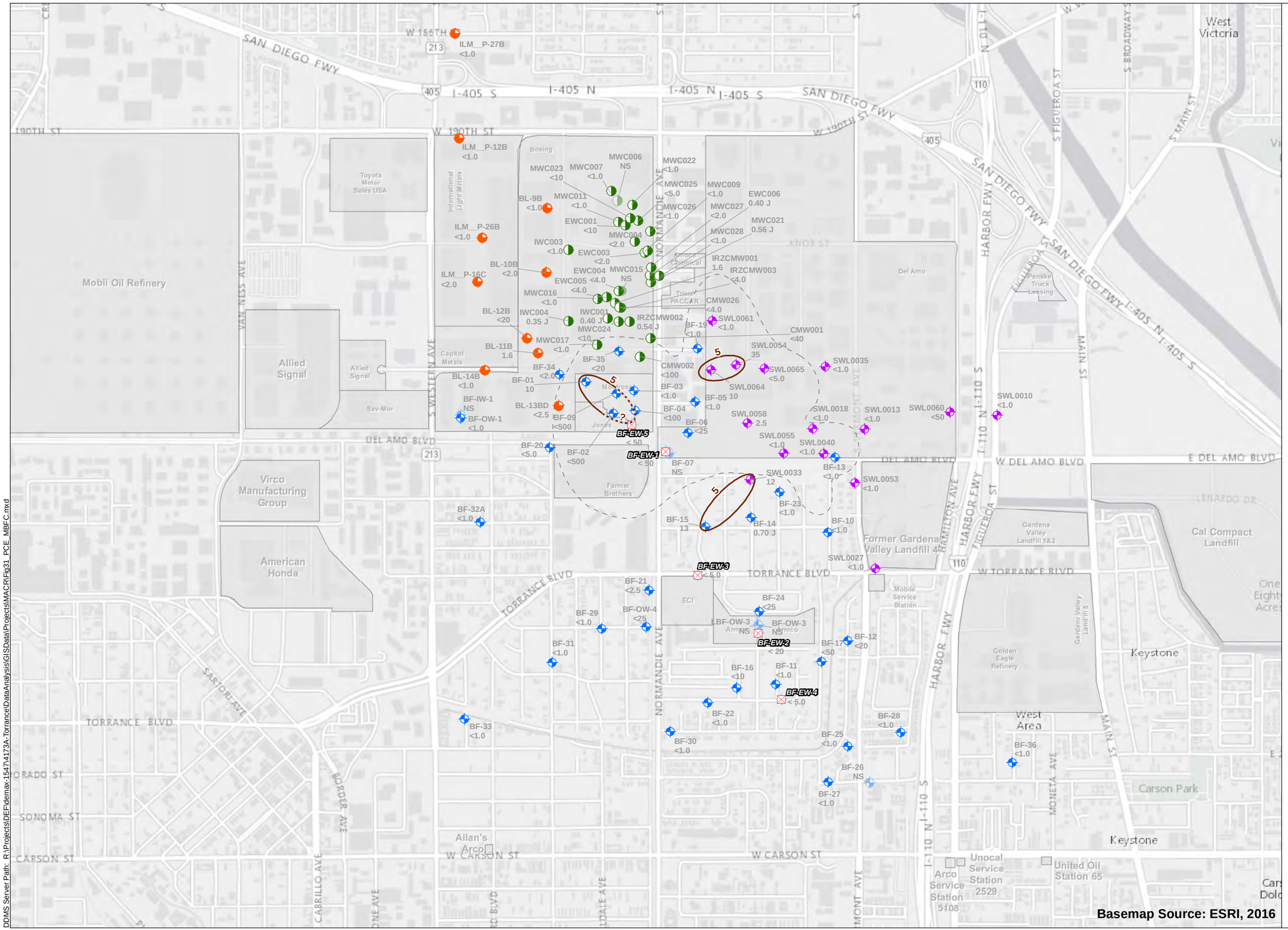
0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig30_PCE_WT_NewContours.mxd



Basemap Source: ESRI, 2016

Figure 31

Dissolved Tetrachloroethene Distribution MBFC 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016

- Tetrachloroethene Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL and State MCL is 5 ug/L for Tetrachloroethene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) BF-EW-1 and BF-EW-5 sampled 11/20/2015; BF-EW-3 sampled 3/12/2015; BF-EW-2 and BF-EW-4 sampled 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-15477\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig31_PCE_MBFC.mxd

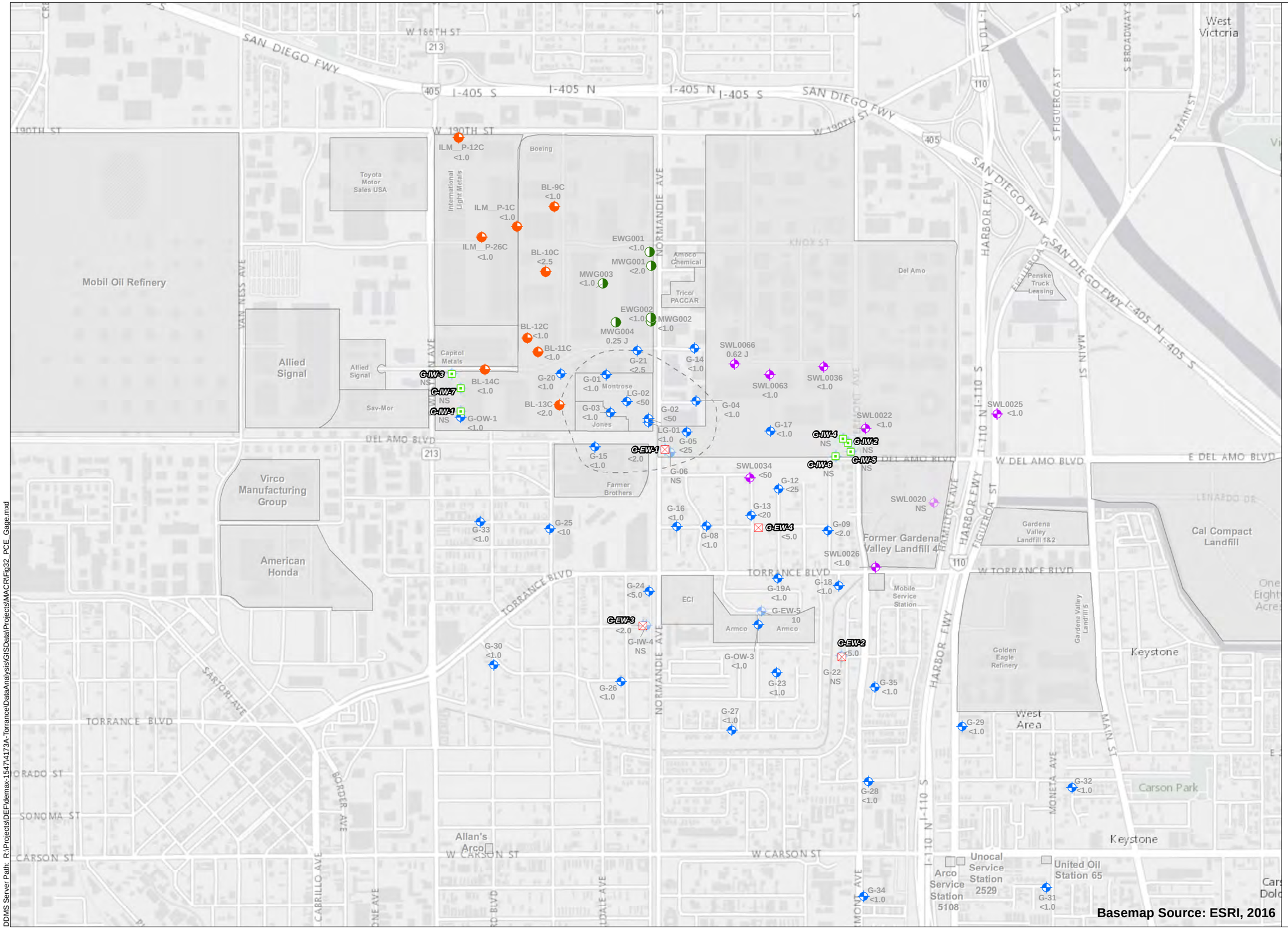


Figure 32

Dissolved Tetrachloroethene Distribution Gage 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL and State MCL is 5 ug/L for Tetrachloroethene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

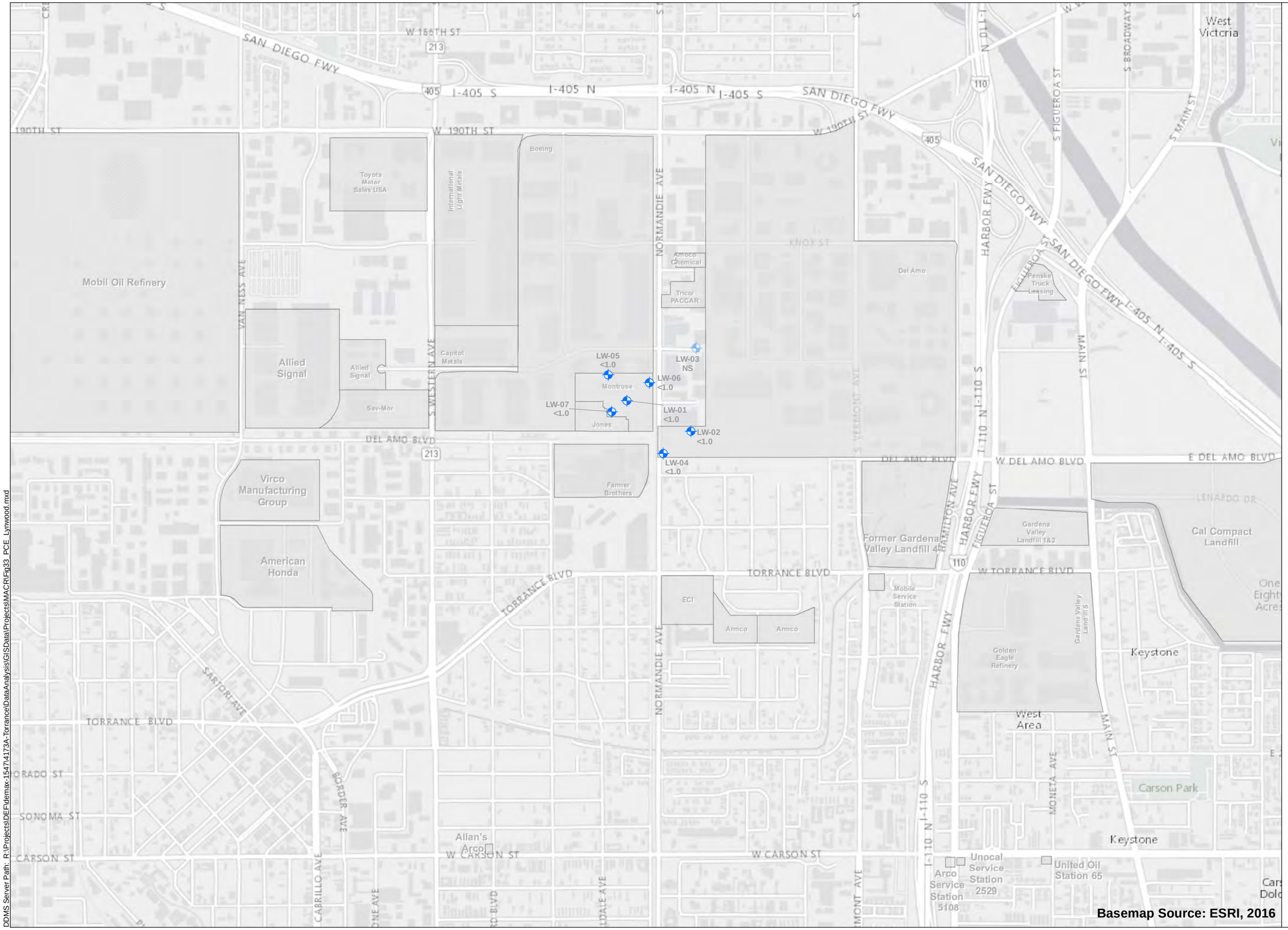
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig32_PCE_Gage.mxd

Figure 33

Dissolved Tetrachloroethene Distribution Lynwood 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL and State MCL is 5 ug/L for Tetrachloroethene, Source: Montrose Superfund Site ROD (EPA, 1999)

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

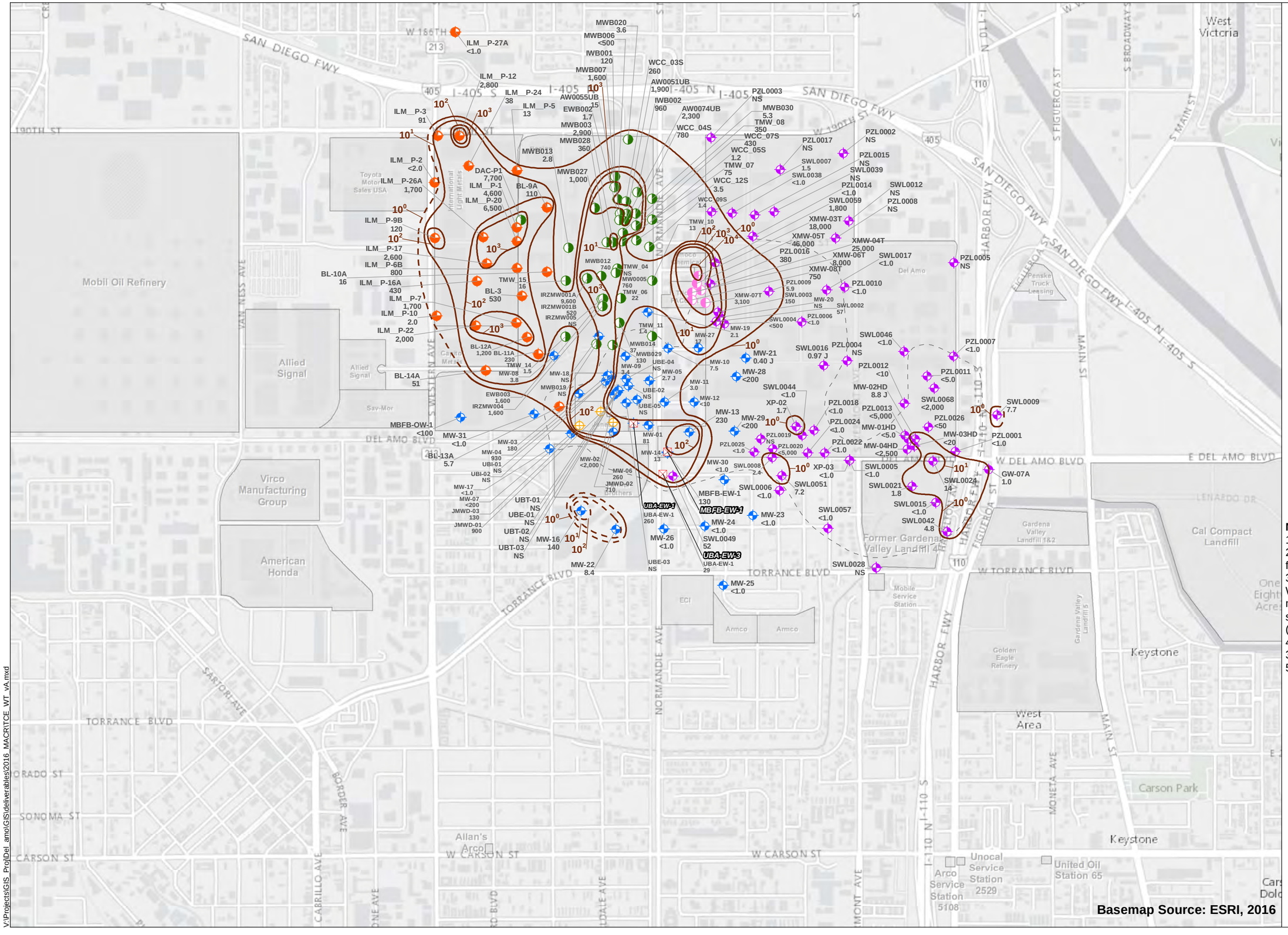
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig33_PCE_Lynwood.mxd

Figure 34

Dissolved TCE Distribution Water Table

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR



Basemap Source: ESRI, 2016

- TCE Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Monitoring Well Not Sampled in 2015, Historical Benzene Concentration (ug/L), January 2003
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) UBA-EW-3 sampled on 3/12/2015
5) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

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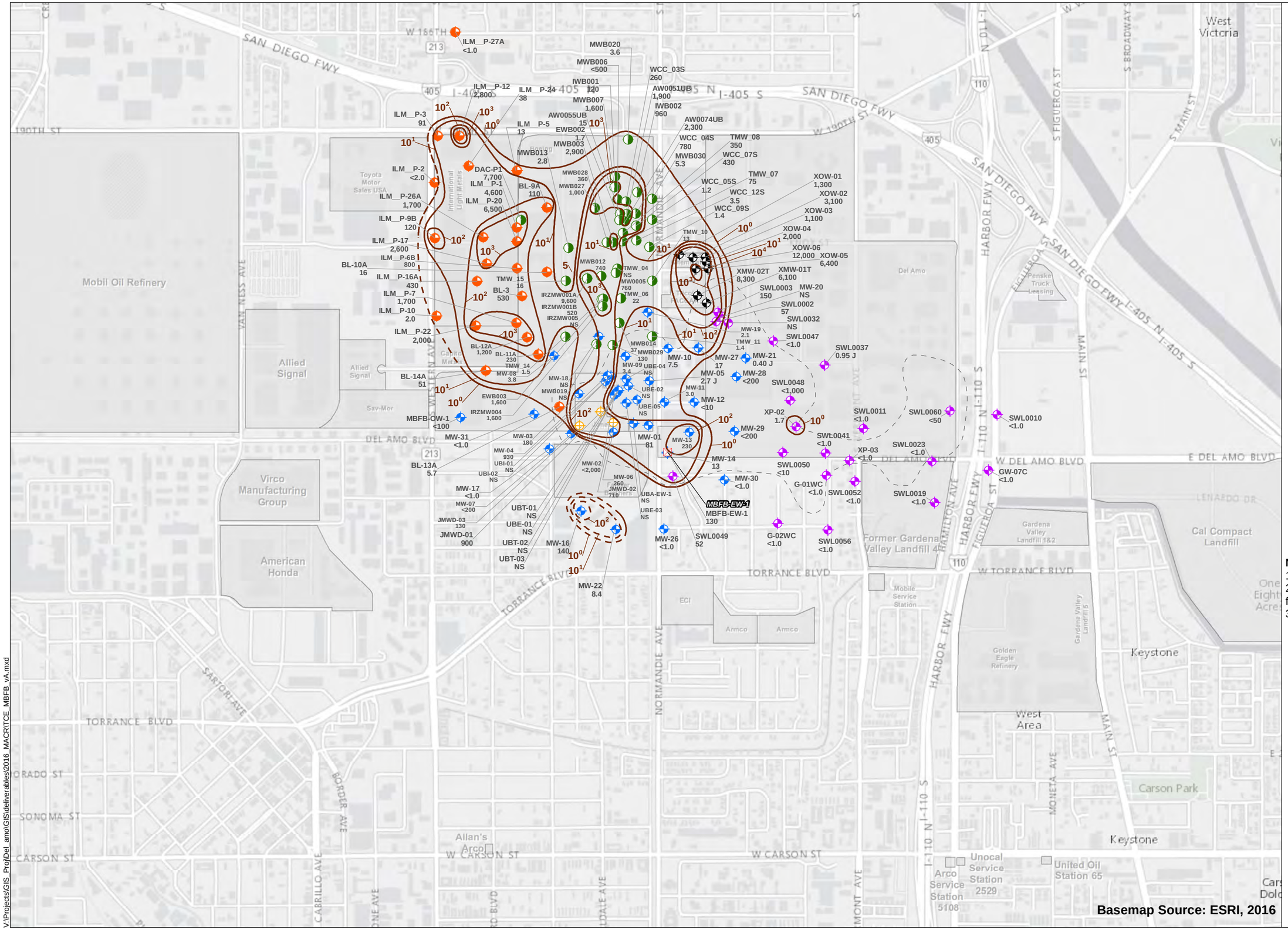

Figure 35

Dissolved TCE Distribution MBFB

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TCE Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Monitoring Well Not Sampled in 2015, Historical Benzene Concentration (ug/L), January 1998, 2004
- TGRS Extraction Well
- TGRS Injection Well
- MBFB TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

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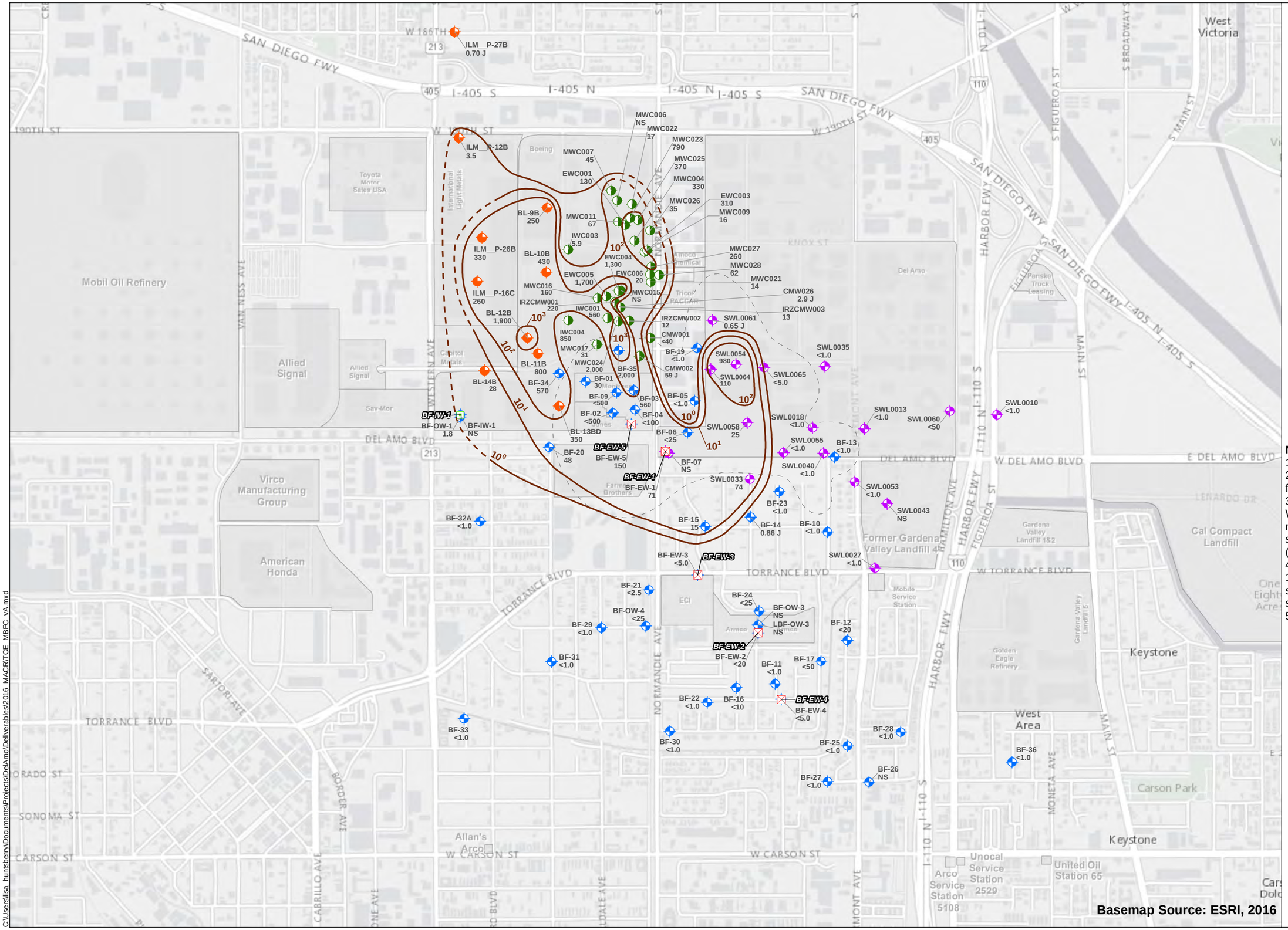

Figure 36

Dissolved TCE Distribution MBFC

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TCE Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-EW-1 and BF-EW-5 sampled 11/20/2015; BF-EW-2 and BF-EW-4 sampled 3/11/2015; BF-EW-3 sampled 3/12/2015
5) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

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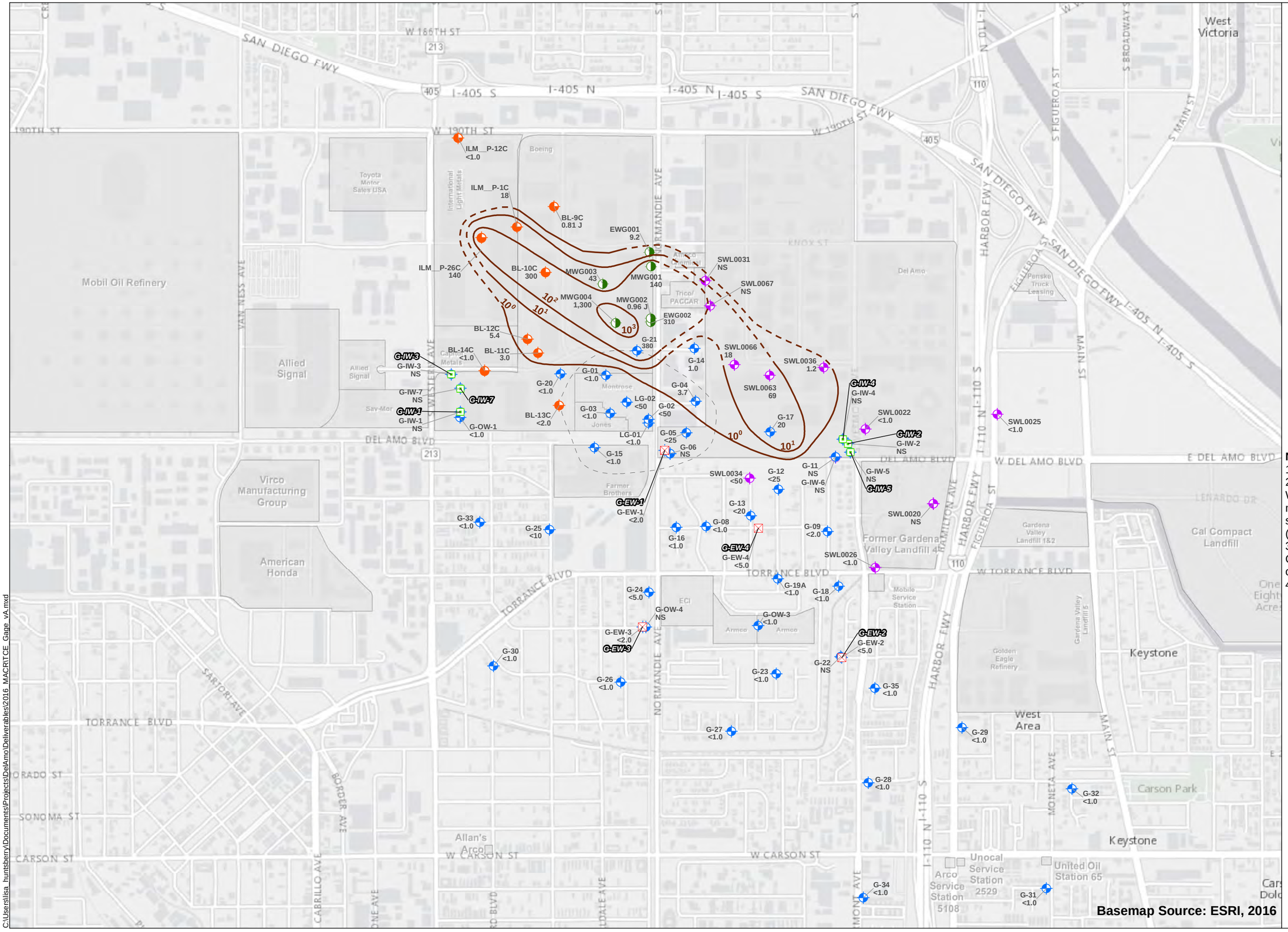

Figure 37

Dissolved TCE Distribution Gage

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TCE Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
3) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015
4) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\TCE_Gage_vA.mxd

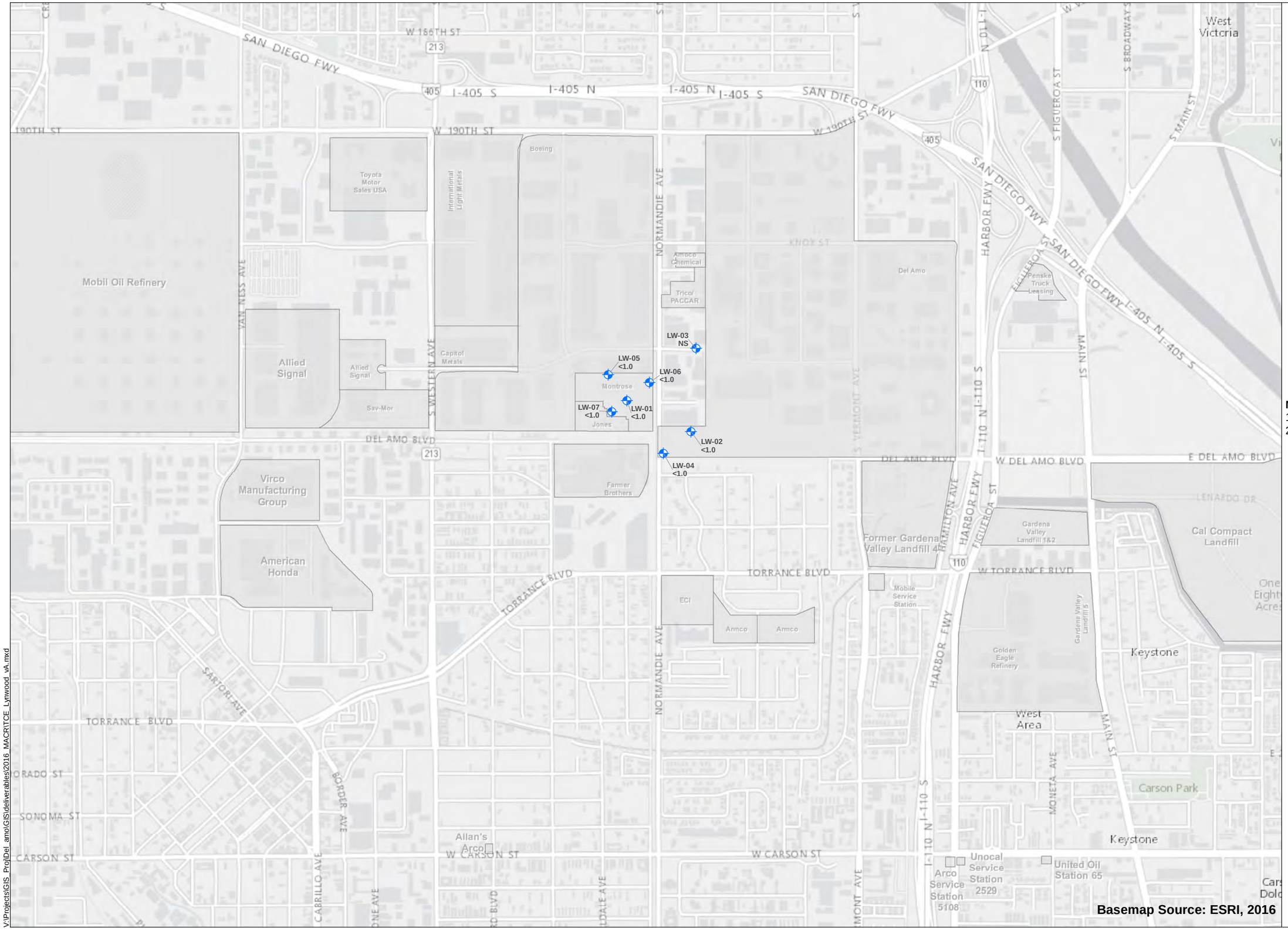

Figure 38

Dissolved TCE Distribution Lynwood

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

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DEL AMO

FIELD SAMPLING PROCEDURES/LOGS

DEL AMO SUPERFUND GAUGING DATA

TECHNICIAN: SR DATE: 9-1-15 CLIENT: AECOM

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
PZL0001	4	1430					35.39	Ded Pump	
PZL0006	—	Paved Over							
PZL0007	2	0832					29.50	60.36	TOC
PZL0009	2	1430					50.25	57.70	
PZL0010	2	1505					44.28	68.59	
PZL0011	2	1300					31.31	52.30	
PZL0012	2	1150					38.00	Ded Pump	
PZL0013	2	1350					41.00	Ded Pump	
PZL0014	2	1445					43.81	64.62	
PZL0016	2	0953					47.33	64.41	
PZL0018	2	0830					44.11	—	TOC Ded Pump
PZL0019	4	1030					50.34	Ded Pump	TOC
PZL0020	4	0950					46.51	Ded Pump	
~~PZL0022~~ SWL0022	4	1135					45.24	194.01	
PZL0024	4	0935					46.01	Ded Pump	
PZL0025	4	0955					48.56	Ded Pump	
PZL0026	2	1325					37.49	Ded Pump	
SWL0002	4	0910					49.69	68.00	
SWL0003	4	1033					50.85	77.35	
SWL0004	4	0820					47.31	—	Ded Pump TOC
SWL0005	4	0900					38.80	Ded Pump	TOC
SWL0006	4	0933					36.86	Ded Pump	
SWL0007	4	1503					50.32	71.33	
SWL0008	4	1005					42.02	Ded Pump	

DEL AMO SUPERFUND GAUGING DATA

TECHNICIAN: ~~SMA~~ SR DATE: 9/1/15 CLIENT: AECOM

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
SWL0009	4	1001					30.16	Ded Pump	
SWL0015	4	1105					34.61	Ded Pump	
SWL0016	4	1455					42.83	~~62.05~~	Ded Pump
SWL0017	4	1520					45.88	Ded Pump	TOC
SWL0021	4	1055					39.25	Ded Pump	
SWL0024	4	1045					36.64	Ded Pump	
SWL0028	4	1130					30.96	Ded Pump	
SWL0038	4	1455					47.51	70.71	
SWL0042	4	0920					45.04	Ded Pump ~~62.20~~	
SWL0044	4	0820					47.31	Ded Pump	
SWL0046	4	1155					36.88	Ded Pump	
SWL0051	4	1015					37.78	Ded Pump	
SWL0057	4	1148					37.79	Ded Pump	
SWL0059	4	0930					51.89	66.01	
SWL0068	4	1310					30.48	40.11	
XGW-07A	-	Unable to Locate —							
XMW-01HD	4	1340					39.88	59.42	TOC
XMW-02HD	4	1335					39.41	Ded Pump	
XMW-03HD	4	1330					38.94	Ded Pump	
XMW-04HD	4	1405					40.34	Ded Pump	
XMW-14	4	0900					53.19	72.81	
XMW-21	4	1030					46.79	67.79	
XMW-27	4	1206					50.70	Ded Pump	
~~XMW-28~~									
XMW-29	4	1040					49.02	72.79	TOC
XP-02	4	1200					45.80	76.15	
SWL0010	4	1014					33.64	116.08	

DEL AMO SUPERFUND GAUGING DATA

TECHNICIAN: SR DATE: 9/1/15 CLIENT: AECOM

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
SWL0019	4	1110					35.67	89.81	
SWL0023	4	1056					39.20	Ded Pump	
~~SWL0029~~		WELL		ABANDONED					
SWL0032	4	0840		51.55	2.15		53.70	88.40	TOC
SWL0037	4	1440					43.48	Ded Pump ~~48.65~~	
SWL0041	4	0920					45.04	Ded Pump	
SWL0047	4	1600					46.20	91.90	
SWL0048	4	1130					47.60	70.30	
SWL0050	4	0945					48.04	Ded Pump	
SWL0052		—	Parked	Over	—				
SWL0056	4	1155					39.92	84.66	TOC
SWL0060	~~1320~~ 4	1320					35.91	112.01	
XG-01WC	4	1249					37.78	Ded Pump	
XG-02WC	4	1350					44.78	Ded Pump	
XGW-07C	—	Unable	to	Locate	—				
XP-03	4	0914					40.18	Ded Pump	TOC
SWL0013	4	1130					43.03	Ded Pump	
SWL0018	4	1150					44.03	82.40	
~~SWL0030~~		WELL		ABANDONED					
SWL0033	4	1029					46.26	140.14	TOC
SWL0035	4	1448					42.52	~~135.42~~	Ded Pump
SWL0040	4	0930					44.79	Ded Pump	TOC
SWL0053	4	1310					33.77	Ded Pump	
SWL0054	4	1310					50.33	129.29	
SWL0055	4	0940					47.82	Ded Pump	
SWL0058	4	1345					51.05	67.41	
SWL0061	4	0900					51.02	136.31	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/01/15
Well I.D.: PZL0001	Well Diameter (in.): (2) 3 ~~4~~ 6 8 ____
Total Well Depth (ft.): 60.30	Depth to Water (ft.): 35.49
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1010 Flow Rate: 200 mL/min/sys vol: 2500 mL Pump Depth: 55'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1013	23.6	7.04	1017	108	2.06	-56.6	600	35.66
1016	23.8	7.04	1026	63	2.07	-65.4	1200	35.66
1019	24.1	7.04	1042	32	2.06	-74.3	1800	35.66
1022	24.5	7.03	1026	17	1.96	-80.5	2400	35.66
1025	24.6	7.03	1018	12	1.95	-81.5	3000	35.66
1028	24.8	7.03	1018	12	1.96	-84.4	3600	35.66
1031	24.9	7.03	1020	11	1.96	-86.4	4200	35.66

Did well dewater? Yes (No)	Amount actually evacuated: 4200
Sampling Time: 1032	Sampling Date: 10/01/15
Sample I.D.: GW502503	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: ~~SE~~ C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930 RD-1	Client: AECOM @ Dublin
Sampler: JR	Gauging Date: 10/2/15
Well I.D.: DZL 006	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): —	Depth to Water (ft.): 43.90 To Port
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump Dedicated) Peristaltic Pump Bladder Pump System volume = 2277 mL
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1407 Flow Rate: 300 ml/min Pump Depth: 59'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1410	23.48	6.59	1837	80	0.20	-228.3	900	44.30
1413	23.69	6.51	1832	10	0.36	-201.4	1800	44.30
1416	24.03	6.52	1828	8	0.42	-170.2	2700	44.30
1419	24.09	6.53	1827	8	0.36	-173.5	3600	44.30
1422	24.10	6.54	1828	8	0.35	-175.3	4500	44.30

Did well dewater? Yes (No)	Amount actually evacuated: 4.5 L
Sampling Time: 1423	Sampling Date: 10/2/15
Sample I.D.: GW502504	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: 8260B
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-R01	Client: AECOM
Sampler: ETB	Gauging Date: 10/01/15
Well I.D.: PZL0007	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 63.00	Depth to Water (ft.): 29.34 TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" (Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 1307 Flow Rate: 200 mL/min / SYS Vol: 2480 mL Pump Depth: 54.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1310	23.5	7.19	1300	71000	1.88	-128.1	600	29.54
1313	24.0	7.12	1334	272	1.76	-106.9	1200	29.54
1316	24.7	7.10	1339	131	1.75	-94.3	1800	29.54
1319	24.2	7.07	1351	106	1.76	-91.0	2400	29.54
1322	24.6	7.07	1349	44	1.75	-87.6	3000	29.54
1325	24.8	7.06	1349	45	1.74	-86.6	3600	29.54
1328	24.9	7.06	1351	43	1.74	-85.7	4200	29.54

Did well dewater? Yes (No) Amount actually evacuated: 4200

Sampling Time: 1329 Sampling Date: 10/01/15

Sample I.D.: GWS02505 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See C.O.C.

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECom
Sampler: JF	Gauging Date: 9/30/15
Well I.D.: PZL0009	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 57.70	Depth to Water (ft.): 49.90
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other (dedicated pump)

Start Purge Time: 1241 Flow Rate: 200 mL/min Pump Depth: 61

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1244	23.5	6.39	2962	75	0.46	-98.2	600	50.00
1247	23.5	6.45	2918	52	0.41	-98.3	1200	50.00
1250	23.5	6.46	2955	35	0.44	-99.9	1800	50.00
1253	23.6	6.47	2970	29	0.50	-99.9	2400	50.00
1256	24.5	6.50	2999	16	0.49	-103.5	3000	50.00
1259	24.8	6.50	3059	3	0.44	-103.4	3600	50.00
1302	24.9	6.51	3082	2	0.44	-103.9	4200	50.00
1305	24.8	6.51	3086	2	0.45	-103.9	4800	50.00

Did well dewater? Yes (No)	Amount actually evacuated: 4800 mL
Sampling Time: 1306	Sampling Date: 9/30/15
Sample I.D.: GWS02506	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CoC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: ETB	Gauging Date: 09/30/15
Well I.D.: PZL0010	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 68-84	Depth to Water (ft.): 44.33
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other_____

Start Purge Time: 1256 Flow Rate: 200 µL/min sys vol: 2680 mL Pump Depth: 59.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1259	24.5	6.11	2799	41	2.50	161.0	600	44.44
1302	25.3	6.12	2926	32	2.46	144.4	1200	44.44
1305	26.2	6.13	2978	32	2.33	133.3	1800	44.44
1308	26.3	6.14	2970	31	2.32	134.8	2400	44.44
1311	26.2	6.15	2984	32	2.33	134.7	3000	44.44
1314	26.2	6.15	2987	31	2.33	131.7	3600	44.44
1317	26.3	6.16	2969	31	2.32	130.9	4200	44.44

Did well dewater? Yes (No)	Amount actually evacuated: 4200
Sampling Time: 1318	Sampling Date: 09/30/15
Sample I.D.: GWS02507	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See C.O.C.
Equipment Blank I.D.: FBS02073 @ Time 1150	Duplicate I.D.:

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TB: FBS02063 @1145

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JF	Gauging Date: 09/14/15
Well I.D.: PZL0011	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 52.30	Depth to Water (ft.): 31.50
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 0917 Flow Rate: 500 mL/min Pump Depth: 45

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0920	24.4	6.65	2003	90	0.38	-50.9	1500	33.01
0923	25.5	6.65	2067	89	0.18	-42.4	3000	33.05
0926	26.2	6.65	2104	68	0.14	-39.5	4500	33.05
0929	26.4	6.65	2120	57	0.13	-37.5	6000	33.05
0932	26.6	6.64	2121	49	0.12	-37.5	7500	33.05
0935	26.7	6.64	2125	47	0.11	-37.0	9000	33.05
0938	26.7	6.64	2130	48	0.12	-36.8	10500	33.05

Did well dewater? Yes (No)	Amount actually evacuated: 10500 mL
Sampling Time: 0939	Sampling Date: 10/1/15
Sample I.D.: GW502508	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CoC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: ETB	Gauging Date: 10/02/15
Well I.D.: PZL0012	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 58.50	Depth to Water (ft.): 38.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" (Grundfos) Pump Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 1444 Flow Rate: 200 mL/min / SYS VOL: 2180 mL Pump Depth: 47'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1447	24.4	6.15	2597	4	2.21	-35.1	600	38.75
1450	24.5	6.15	2595	1	2.21	-35.1	1200	38.76
1453	24.5	6.15	2595	1	2.21	-35.2	1800	38.76
1456	24.6	6.15	2591	1	2.20	-35.2	2400	38.76
1459	24.6	6.15	2593	1	2.16	-35.2	3000	38.76
1502	24.7	6.15	2592	1	2.15	-35.3	3600	38.76
1505	24.5	6.14	2583	1	2.15	-34.9	4200	38.76

Did well dewater? Yes (No)	Amount actually evacuated: 4200
Sampling Time: 1506	Sampling Date: 10/02/15
Sample I.D.: GWS02509	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other): See C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: ~~PLZ~~ PZL0013	Well Diameter (in.): (2) 3 ~~(4)~~ 6 8 ____
Total Well Depth (ft.): pump in well	Depth to Water (ft.): 40.75
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump

Sampling Method: ~~Dedicated Tubing~~ New Tubing Other Dedicated pump

Start Purge Time: 1308 Flow Rate: 500 mL/min Pump Depth: 51

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1311	23.6	6.50	2633	108	3.68	-144.6	1500	40.79
1314	23.8	6.51	2652	29	2.53	-131.6	3000	40.79
1317	24.8	6.54	2699	19	1.50	-130.0	4500	40.79
1320	25.2	6.55	2775	1	1.30	-140.4	6000	40.79
1323	25.2	6.54	2780	0	1.20	-140.9	7500	40.79
1326	25.3	6.54	2794	0	1.12	-145.0	9000	40.79
1329	25.3	6.54	2805	0	1.10	-170.1	10500	40.79
1332	25.3	6.54	2810	0	1.09	-176.2	12000	40.79
1335	25.3	6.54	2814	0	1.11	-176.9	13500	40.79

Did well dewater? Yes (No) Amount actually evacuated: 13500 mL

Sampling Time: 1336 Sampling Date: 10/2/15

Sample I.D.: GWS02510 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See CoC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 09/30/15
Well I.D.: PZL0014	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 43.84
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" (Grundfos) Pump Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated) Tubing New Tubing Other ___

Start Purge Time: 1355 Flow Rate: 200 mL/min / SYS VOL: 2640 mL Pump Depth: 58.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1358	25.5	6.51	2090	44	3.34	150.1	600	43.85
1401	25.7	6.49	2112	44	3.26	122.5	1200	43.85
1404	27.3	6.46	2158	42	3.23	111.0	1800	43.85
1407	27.8	6.46	2157	89	3.26	113.8	2400	43.85
1410	28.1	6.47	2165	123	3.34	119.2	3000	43.85
1413	28.7	6.47	2180	141	3.26	126.1	3600	43.85
1416	28.9	6.47	2189	124	3.27	126.8	4200	43.85
1419	29.0	6.47	2188	102	3.21	124.3	4800	43.85
1422	29.3	6.47	2187	101	3.22	120.1	5400	43.85
1425	29.4	6.47	2187	102	3.21	117.0	6000	43.85

Did well dewater? Yes (No) Amount actually evacuated: 6000

Sampling Time: 1426 Sampling Date: 09/30/15

Sample I.D.: GWS02511 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D (Other): SEE C.O.C.

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/02/15
Well I.D.: PZL0016	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 67.50	Depth to Water (ft.): 47.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1351 Flow Rate: 300 mL/min Pump Depth: 57'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1354	24.3	6.70	1570	412	4.25	108.6	900	47.35
1357	24.9	6.70	1571	218	4.13	108.9	1800	47.35
1400	25.1	6.70	1571	192	4.12	111.7	2700	47.35
1402	25.0	6.70	1575	179	4.00	111.9	3600	47.35
1405	25.1	6.70	1573	175	3.94	114.3	4500	47.35
1408	25.2	6.70	1576	177	3.91	114.7	5400	47.35
1411	25.2	6.69	1573	177	3.90	115.1	6300	47.35

Did well dewater? Yes (No)	Amount actually evacuated: 6300
Sampling Time: 1412	Sampling Date: 10/02/15
Sample I.D.: GWS02512	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other):
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: ES	Gauging Date: 10/01/15
Well I.D.: PZL0018	Well Diameter (in.): 2 3 4 6 8 ____
Total Well Depth (ft.): 68.00	Depth to Water (ft.): 44.08
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 0915 Flow Rate: 200 mL/min/sys vol: 2620 mL Pump Depth: 58'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0918	22.2	6.78	2310	6	4.40	90.1	600	44.25
0921	22.1	6.53	2185	61	2.75	174.5	1200	44.26
0924	22.3	6.47	1981	40	2.64	160.1	1800	44.26
0927	22.9	6.43	2019	17	2.48	127.6	2400	44.26
0930	23.2	6.43	2018	10	2.49	120.0	3000	44.26
0933	23.5	6.42	1970	7	2.39	101.1	3600	44.26
0936	23.7	6.41	1969	7	2.38	96.3	4200	44.26
0939	23.8	6.41	1971	6	2.38	95.4	4800	44.26

Did well dewater? Yes No	Amount actually evacuated: 4800
Sampling Time: 0940	Sampling Date: 10/01/15
Sample I.D.: GWS02513	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See C.O.C.
Equipment Blank I.D.: FBS02080 @ Time 0715	Duplicate I.D.:

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TB: FBS02069 @ 0710

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/06/15
Well I.D.: PZL0019	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 67.00	Depth to Water (ft.): 51.01
Depth to Free Product: 52.9	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: —

Purge Method: 2" Grundfos Pump / Peristaltic Pump / Bladder Pump / Other ___

Sampling Method: Dedicated Tubing / New Tubing

Start Purge Time: ___ Flow Rate: ___ Pump Depth: ___

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
—	15.99' OF	DNAPL	DETECTED	W/ INTERFACE PROBE				—
—	2.3	GALLONS	BAILED	W/ STAINLESS STEEL BAILER				—
—	DONNED	HALF	FACE	RESPIRATOR				—
—	~~50.50~~ 53.05	DTP						
—	53.93							
—	NO	SAMPLE	COLLECTED					—

Did well dewater? Yes / No — Amount actually evacuated:

Sampling Time: — Sampling Date:

Sample I.D.: — Laboratory:

Analyzed for: TPH-G BTEX MTBE TPH-D — Other:

Equipment Blank I.D.: @ Time — Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 15090-RD1	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: ~~PZ2~~ PZL0020	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 46.37
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other Dedicated pump

Start Purge Time: 1150 Flow Rate: 500 mL/min Pump Depth: 57

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1153	25.1	6.13	6451	0	3.07	-72.7	1500	46.55
1156	25.7	6.17	7290	0	1.54	-72.9	3000	46.55
1159	26.6	6.20	7890	0	0.86	-74.9	4500	46.55
1202	26.8	6.21	8029	0	0.70	-75.7	6000	46.55
1205	27.0	6.24	8129	0	0.58	-77.4	7500	46.55
1208	27.2	6.26	8120	0	0.56	-79.0	9000	46.55
1211	27.2	6.26	8128	0	0.57	-79.1	10500	46.55
1214	27.2	6.26	8121	0	0.56	-80.1	12000	46.55

Did well dewater? Yes (No)	Amount actually evacuated: 12000
Sampling Time: 1215	Sampling Date: 10/2/15
Sample I.D.: GW502515	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-R01	Client: AECOM
Sampler: ES	Gauging Date: 10/01/15
Well I.D.: PZL0022	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 62.00	Depth to Water (ft.): 44.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" (Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ____

Start Purge Time: 1103 Flow Rate: 200 mL/min | SYS VOL: 2350 mL Pump Depth: 52'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1106	24.6	6.14	2333	7	2.71	25.2	600	44.13
1109	24.5	6.14	2331	5	2.70	24.3	1200	44.13
1112	24.5	6.13	2333	4	2.71	24.1	1800	44.13
1115	24.5	6.12	2332	3	2.72	23.8	2400	44.13
1118	24.6	6.12	2332	2	2.73	24.4	3000	44.13
1121	24.6	6.12	2331	1	2.73	24.2	3600	44.13

Did well dewater? Yes (No)	Amount actually evacuated: 3600
Sampling Time: 1122	Sampling Date: 10/01/15
Sample I.D.: GWS025/6	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: (SEE C.O.C)
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/02/15
Well I.D.: PZL0024	Well Diameter (in.): 2 3 4 6 8 ____
Total Well Depth (ft.): 65.00	Depth to Water (ft.): 46.06 TOP OF POR
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" ~~Grundfos Pump~~ Peristaltic Pump Bladder Pump
Sampling Method: ~~Dedicated Tubing~~ New Tubing Other ____

Start Purge Time: 0750 Flow Rate: 300 mL/min / SYS VOL: 2460 mL Pump Depth: 54'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0753	22.2	5.95	2347	38	2.76	-12.3	900	46.08
0756	22.4	5.95	2368	18	2.89	-14.5	1800	46.08
0759	22.5	5.98	2402	11	2.68	-9.6	2700	46.08
0802	23.4	6.05	2416	6	2.33	-25.9	3600	46.08
0805	23.4	6.06	2410	5	2.32	-26.1	4500	46.08
0808	23.6	6.07	2408	5	2.31	-27.8	5400	46.08
0811	23.7	6.07	2410	5	2.31	-28.4	6300	46.08

Did well dewater? Yes No	Amount actually evacuated: 6300
Sampling Time: 0812	Sampling Date: 10/02/15
Sample I.D.: GWS025 17 EB	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: FBS02085 @ Time 0653	Duplicate I.D.:

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TB: FBS02105 @ 0650

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930RD-1	Client: AECOM @ Del Amo
Sampler: JA	Gauging Date: 9/30/15
Well I.D.: PZL0025	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): —	Depth to Water (ft.): 48.64 To Post
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (Ded 2" Grundfos Pump) Peristaltic Pump Bladder Pump System volume: 2065 mL
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Start Purge Time: 1234 Flow Rate: 400 mL/min Pump Depth: 53.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1237	23.67	6.18	3559	6	0.48	-167.7	1200	48.85
1240	24.39	6.24	3619	5	0.36	-155.8	2400	48.85
1243	24.80	6.30	3645	6	0.29	-173.1	3600	48.85
1246	24.88	6.32	3661	6	0.23	-196.2	4800	48.85
1249	24.92	6.34	3663	5	0.22	-199.9	6000	48.85
1252	24.98	6.36	3663	6	0.21	-203.1	7200	48.85

Did well dewater? Yes (No)	Amount actually evacuated: 7.2 L
Sampling Time: 1253	Sampling Date: 9/30/15
Sample I.D.: GW502518	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other) 8260B
Equipment Blank I.D.: FBS020975 @ Time 1100	Duplicate I.D.:

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Trip Blank: FBS02065 @ 1030

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: PZL0026	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): Pump in well	Depth to Water (ft.): 37.15
Depth to Free Product: —	Thickness of Free Product (feet): (JF) ~~43~~ —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ~~Dedicated pump~~ JF

Start Purge Time: 1456 Flow Rate: 200 mL/min Pump Depth: 43'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1459	26.3	6.61	2687	68	0.37	-40.5	600 ~~37.80~~ JF	37.80
1502	26.5	6.63	2685	46	0.33	-41.1	1200	37.85
1505	27.3	6.65	2733	34	0.25	-41.4	1800	37.85
1508	28.0	6.65	2794	22	0.27	-42.9	2400	37.85
1511	27.2	6.63	2738	17	0.19	-44.6	3000	37.85
1514	27.5	6.64	2759	16	0.19	-44.1	3600	37.85
1517	27.5	6.63	2760	16	0.19	-44.8	4200	37.85
1520	27.5	6.64	2764	15	0.19	-44.1	4800	37.85

Did well dewater? Yes (No)	Amount actually evacuated: 4800
Sampling Time: 1520	Sampling Date: 9/30/15
Sample I.D.: GW502519	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/07/15
Well I.D.: SWL0001	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 79.00	Depth to Water (ft.): ~~79~~ 51.72
Depth to Free Product: 50.45	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type:

Purge Method: 2" Grundfos Pump / Peristaltic Pump / Bladder Pump
Sampling Method: Dedicated Tubing / New Tubing / Other ___

Start Purge Time: ___ Flow Rate: ___ Pump Depth: ___

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
—	1.27	OF	SPH	DETECTED	W/	INTERFACE	PROBE	—
—	3124.5 mL	OF	SPH	REMOVED	W/	DISPOSABLE	BAILER	—
1210	DTFP	: 50.51						
	DTW	: 50.92						
—	NO	SAMPLE	TAKEN					

Did well dewater? Yes No — Amount actually evacuated:

Sampling Time: — Sampling Date:

Sample I.D.: — Laboratory:

Analyzed for: TPH-G BTEX MTBE TPH-D — Other:

Equipment Blank I.D.: @ Time — Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RDI	Client: AECOM
Sampler: ETB	Gauging Date: 10/05/15
Well I.D.: SWL0002	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 68.00	Depth to Water (ft.): 49.72 TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 0924 Flow Rate: 300 mL/MIN/SYS VOL: 2880 mL Pump Depth: 64.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0927	22.9	6.28	3431	37	2.12	13.7	900	49.73
0930	23.2	6.28	3435	36	2.31	5.5	1800	49.73
0933	23.5	6.29	3430	35	2.11	-0.2	2700	49.73
0936	23.7	6.30	3430	35	2.00	-5.9	3600	49.73
0939	23.8	6.30	3430	30	1.90	-10.7	4500	49.73
0942	24.5	6.31	3426	28	1.87	-14.2	5400	49.73
0945	24.5	6.31	3426	24	1.88	-15.9	6300	49.73
0948	24.6	6.32	3424	20	1.88	-17.7	7200	49.73
0951	24.6	6.33	3424	21	1.89	-18.7	8100	49.73
0954	24.7	6.33	3424	21	1.89	-19.6	9000	49.73

Did well dewater? Yes (No)	Amount actually evacuated: 9000
Sampling Time: 0955	Sampling Date: 10/05/15
Sample I.D.: GWS02520	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE C.O.C.
Equipment Blank I.D.: FBS02087 @ Time 0650	Duplicate I.D.: GWS02587 @ 1000

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TB: FBS02106 @ 0645

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/06/15
Well I.D.: SWL0003	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): —	Depth to Water (ft.): 50.80
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" (Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ____

Start Purge Time: 0958 Flow Rate: 200 mL/min / sys vol: 2800 mL Pump Depth: 64'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1001	22.7	6.36	1780	26	3.83	-28.7	600	50.92
1004	22.8	6.37	1779	25	3.75	-31.0	1200	50.93
1007	23.1	6.39	1778	25	3.52	-35.2	1800	50.93
1010	23.3	6.39	1780	24	3.37	-37.2	2400	50.93
1013	23.2	6.39	1784	25	3.36	-38.8	3000	50.93
1016	23.2	6.39	1786	25	3.34	-40.8	3600	50.93
1019	23.4	6.40	1780	25	3.31	-43.1	4200	50.93

Did well dewater? Yes (No)	Amount actually evacuated: 4200
Sampling Time: 1020	Sampling Date: 10/06/15
Sample I.D.: SWL0003	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See C.O.C.
Equipment Blank I.D.: EB-1 @ Time 0930	Duplicate I.D.:

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TB: TB-1 @ 0925

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: SWL0004	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): Pump in well	Depth to Water (ft.): 51.85
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump Other Dedicated pump

Sampling Method: Dedicated Tubing New Tubing

Start Purge Time: 1508 Flow Rate: 500 mL/min Pump Depth: 66.5

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or ~~µS/cm~~)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1511	25.6	6.70	3053	>1000	1.10	-150.3	1500	51.86
1514	25.0	6.71	3000	>1000	0.47	-157.2	3000	51.86
1517	24.8	6.72	3000	>1000	0.27	-176.7	4500	51.86
1520	24.7	6.72	2937	>1000	0.22	-151.1	6000	51.86
1523	24.7	6.72	2940	>1000	0.21	-143.8	7500	51.86
1526	24.8	6.73	2944	180	0.20	-140.1	9000	51.86
1529	24.8	6.73	2948	165	0.19	-136.1	10500	51.86
1532	24.9	6.73	2954	167	0.19	-137.0	12000	51.86

Did well dewater? Yes (No) Amount actually evacuated: 12000 mL

Sampling Time: 1533 Sampling Date: 10/1/15

Sample I.D.: GWS02522 Laboratory: cal science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: see COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 159930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/01/15
Well I.D.: SWL0005	Well Diameter (in.): 2 3 4 6 8 ___
Total Well Depth (ft.): 62.50	Depth to Water (ft.): 38.86 TOP OF PORT
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 1352 Flow Rate: 200mL/min / sys vol: 2300mL Pump Depth: 50'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1355	23.7	6.13	2528	48	1.95	-75.5	600	38.90
1358	23.6	6.12	2545	9	1.76	-61.6	1200	38.90
1401	23.7	6.11	2533	3	1.69	-47.8	1800	38.90
1404	23.9	6.10	2536	2	1.68	-42.7	2400	38.90
1407	24.1	6.10	2540	1	1.67	-39.8	3000	38.90
1410	24.3	6.09	2540	1	1.65	-36.4	3600	38.90
1413	24.4	6.09	2543	1	1.64	-35.1	4200	38.90

Did well dewater? Yes No	Amount actually evacuated: 4200
Sampling Time: 1414	Sampling Date: 10/01/15
Sample I.D.: GW S02523	Laboratory: OALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: ET	Gauging Date: 10/01/15
Well I.D.: SWL0096	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 60.90	Depth to Water (ft.): 36.96
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" ~~Grundfos~~ Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 1446 Flow Rate: 200 mL/MIN/SYS VOL: 2360 Pump Depth: 51.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or ~~uS/cm~~)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ~~mL~~)	Depth to Water (ft.)
1449	25.9	6.54	1548	44	1.76	92.3	600	37.09
1452	24.4	6.61	1758	12	1.91	25.0	1200	37.10
1455	24.0	6.62	1757	2	1.95	9.6	1800	37.10
1458	24.3	6.62	1759	2	1.81	4.2	2400	37.10
1502	24.4	6.62	1765	1	1.80	1.3	3000	37.11
1505	24.5	6.61	1765	1	1.78	-1.0	3600	37.11
1508	24.5	6.61	1767	1	1.78	-3.8	4200	37.11

Did well dewater? Yes (No) Amount actually evacuated: 4200

Sampling Time: 1509 Sampling Date: 10/01/15

Sample I.D.: GWS02524 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See C.O.C.

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JM	Gauging Date: 10/2/15
Well I.D.: SWLD007	Well Diameter (in.): 2 3 4 6 8 ____
Total Well Depth (ft.): 71.21	Depth to Water (ft.): 50.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump Other ____

Sampling Method: Dedicated Tubing New Tubing Pump Depth: 60'

Start Purge Time: 1349 Flow Rate: 500mL/min

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1352	23.2	6.97	1815	56	0.25	-26.4	1500	50.60
1355	23.3	6.93	1814	44	0.22	-27.8	3000	50.60
1358	23.8	6.92	1793	34	0.20	-31.1	4500	50.60
1401	24.1	6.91	1807	26	0.21	-32.0	6000	50.60
1404	24.1	6.91	1804	22	0.20	-33.8	7500	50.60
1407	24.3	6.91	1799	20	0.17	-33.3	9000	50.60
1410	24.4	6.91	1816	19	0.16	-35.6	10,500	50.60
1413	24.5	6.91	1800	19	0.14	-36.3	12,000	50.60

Amount actually evacuated: 12,000

Did well dewater? Yes No Sampling Date: 10/2/15

Sampling Time: 1414 Laboratory: Cal Science

Sample I.D.: ~~GWD~~ GWSD2525 Other: SEE COC

Analyzed for: TPH-G BTEX MTBE TPH-D

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

oject #: 150930-RD1	Client: AECOM
ampler: JF	Gauging Date: 9 / 30 / 15
Vell I.D.: SWL 0008	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): pump in well	Depth to Water (ft.): 42.00
Depth to Free Product: –	Thickness of Free Product (feet): –
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump — Peristaltic Pump — Bladder Pump — Other dedicated pump

Sampling Method: Dedicated Tubing — New Tubing

Start Purge Time: 1350 — Flow Rate: 200 mL/min — Pump Depth: 52'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1353	23.8	6.74	2439	17	0.41	-107.0	600	42.30
1356	24.1	6.73	2431	2	0.43	-109.6	1200	42.30
1359	25.1	6.71	2477	2	0.31	-113.0	1800	42.30
1402	25.2	6.71	2483	2	0.31	-113.2	2400	42.30
1405	25.2	6.71	2487	1	0.31	-112.5	3000	42.30
1408	25.1	6.71	2486	1	0.30	-114.1	3600	42.30
JF 14								

Amount actually evacuated: 3600 mL

Did well dewater? Yes (No)

Sampling Date: 9/30/15

Sampling Time: 1409

Laboratory: Cal science

Sample I.D.: GW502526

Other: See COC

Analyzed for: TPH-G BTEX MTBE TPH-D

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 189930 RD-1	Client: AECOM
Sampler: JM	Gauging Date: ~~9/13~~ 10/1/15
Well I.D.: SWL0009	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): —	Depth to Water (ft.): 30.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump

Sampling Method: Dedicated Tubing (New Tubing) Other ____

Start Purge Time: 1034 Flow Rate: 500 mL/min Pump Depth: Ded Pump

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
1037	23.3	6.56	2741	4	0.40	-59.6	1500	31.15
1040	23.3	6.53	2762	3	0.34	-71.1	3000	31.15
1043	24.0	6.53	2765	2	0.31	-65.6	4500	31.17
1046	24.0	6.53	2770	2	0.28	-69.4	6000	31.17
1049	24.0	6.53	2771	2	0.23	-67.1	7500	31.17

Did well dewater? Yes (No)	Amount actually evacuated: 7500 mL
Sampling Time: 1050	Sampling Date: 10/1/15
Sample I.D.: GWS02527	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JM	Gauging Date: 10/1/15
Well I.D.: SWL-0010	Well Diameter (in.): 2 3 4 6 8 ____
Total Well Depth (ft.): 115.45	Depth to Water (ft.): 33.74
Depth to Free Product: —	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: ~~YSI 5~~ Sipro plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 0909 Flow Rate: 500 mL/min Pump Depth: 105'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0912	22.5	7.35	1089	14	0.25	-160.2	1500	33.80
0915	22.7	7.25	1186	15	0.12	-149.3	3000	33.80
0918	22.9	7.28	1185	15	0.11	-150.3	4500	33.80
0921	23.1	7.28	1179	15	0.13	-150.8	6000	33.80
0924	23.0	7.27	1170	14	0.12	-151.9	7500	33.80
0927	23.0	7.27	1173	14	0.11	-152.7	9000	33.80

Did well dewater? Yes No	Amount actually evacuated: 9000
Sampling Time: 0928	Sampling Date: 10/1/15
Sample I.D.: GW502548	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930RD-1	Client: AECOM @ Del Amo
Sampler: JVR	Gauging Date: 9/30/15
Well I.D.: GWL0013	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): ——	Depth to Water (ft.): 43.10 TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump System volume: 5904 ml
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1456 Flow Rate: 400 ml/min Pump Depth: 140'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1459	24.21	7.39	588	5	0.34	-162.3	1200	43.23
1502	24.11	7.24	585	4	0.27	-180.4	2400	43.23
1505	23.93	7.24	587	4	0.23	-171.6	3600	43.23
1508	23.80	7.21	586	3	0.21	-193.0	4800	43.23
1511	23.67	7.22	589	3	0.16	-196.6	6000	43.23
1514	23.66	7.24	591	3	0.15	-197.5	7200	43.23
1517	23.64	7.23	592	3	0.14	-199.4	8400	42.23

Did well dewater? Yes (NO)	Amount actually evacuated: 8.4 L
Sampling Time: 1518	Sampling Date: 9/30/15
Sample I.D.: GWS02 565	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other): 8260B
Equipment Blank I.D.: @ Time	Duplicate I.D.:

removed pump from well

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-R01	Client: AECOM
Sampler: RD	Gauging Date: 10/2/15
Well I.D.: SWL001S	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 56.50	Depth to Water (ft.): 34.56
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI ProPlus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) (Bladder Pump)
Sampling Method: (Dedicated) Tubing (New Tubing) Other ____

Start Purge Time: 0846 Flow Rate: 300 mL/min Pump Depth: 43.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0849	22.7	6.06	2262	6	0.64	-100.6	900	35.43
0852	23.4	6.04	2271	5	0.56	-97.6	1800	35.45
0855	23.6	6.04	2272	4	0.56	-96.5	2700	35.45
0858	23.7	6.04	2274	4	0.54	-95.2	3600	35.45
0901	23.8	6.04	2276	3	0.52	-94.8	4500	35.46
0904	23.9	6.04	2279	3	0.50	-95.0	5400	35.47

Did well dewater? Yes (No)	Amount actually evacuated: 5400 mL
Sampling Time: 0905	Sampling Date: 10/2/15
Sample I.D.: GWS02594	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-R01	Client: AECOM
Sampler: SM	Gauging Date: 10/2/15
Well I.D.: SWL001b	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): —	Depth to Water (ft.): 42.84
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1123 Flow Rate: 500 mL/min Pump Depth: Ded pump

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1126	22.2	6.60	2350	16	0.30	-74.7	1500	43.10
1129	23.0	6.59	2425	9	0.34	-47.8	3000	43.10
1132	23.3	6.60	2427	5	0.25	-44.9	4500	43.10
1135	23.5	6.60	2442	5	0.19	-42.9	6000	43.10
1138	23.6	6.60	2434	4	0.18	-42.9	7500	43.10
1141	23.7	6.60	2440	4	0.18	-43.3	9000	43.10

Did well dewater? Yes (No)	Amount actually evacuated: 9000 mL
Sampling Time: 1142	Sampling Date: 10/2/15
Sample I.D.: ~~GWS~~ GWS 025 28	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930 RD-1	Client: AECOM @ Del Amo
Sampler: JA	Gauging Date: 10/1/15
Well I.D.: SWL0017	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 45.93 To Port
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Dedicated — Peristaltic Pump — Bladder Pump System volume = 2 Loome

Sampling Method: Dedicated Tubing — New Tubing — Other ___

Start Purge Time: 1502 Flow Rate: 500 ml/min Pump Depth: 57'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
1505	22.32	6.69	2460	90	2.37	-91.8	1500	46.10
1508	22.47	6.59	2494	21	0.84	-131.5	3000	46.10
1511	22.97	6.60	2583	8	0.34	-168.5	4500	46.10
1514	23.01	6.62	2612	5	0.29	-190.6	6000	46.10
1517	23.04	6.63	2618	4	0.27	-192.1	7500	46.10
1520	23.05	6.63	2617	4	0.26	-194.5	9000	46.10

Did well dewater? Yes (No)	Amount actually evacuated: 9 L
Sampling Time: 1521	Sampling Date: 10/1/15
Sample I.D.: GWS0 2529	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: 8260B
Equipment Blank I.D.: @ Time	Duplicate I.D.: GWS02588 @ 1530

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-N1	Client: AECOM
Sampler: KN	Gauging Date: 10/1/15
Well I.D.: SWLC018	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 44.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (circled) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing (circled) New Tubing Other ___

Start Purge Time: 1254 Flow Rate: 500 mL/min Pump Depth: 1305

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1257	23.0	8.13	714	18	0.24	-167.4	1500	44.80
1300	23.0	7.80	720	25	0.19	-158.3	3000	44.80
1303	23.2	7.72	722	17	0.16	-152.9	4500	44.80
1306	23.3	7.62	726	10	0.15	-152.3	6000	44.80
1309	23.2	7.59	722	5	0.14	-148.7	7500	44.80
1312	23.2	7.58	720	5	0.13	-144.6	9000	44.80
1315	23.4	7.57	718	6	0.13	-140.2	10500	44.80

Did well dewater? Yes (No)	Amount actually evacuated: 10500 mL
Sampling Time: 1316	Sampling Date: 10/1/15
Sample I.D.: 6WS02566	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOC's
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RM	Client: AECOM
Sampler: RM	Gauging Date: 10/2/15
Well I.D.: SWL0019	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 89.81	Depth to Water (ft.): 35.69
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro PLUS

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other_____

Start Purge Time: 0759 Flow Rate: 500 mL/min Pump Depth: 81.5

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0802	22.4	6.31	1948	23	2.02	-53.8	1500	35.72
0805	22.5	6.35	2078	6	2.03	-63.6	3000	35.72
0808	22.7	6.37	2109	3	2.04	-66.0	4500	35.72
0811	22.8	6.37	2113	3	1.78	-70.7	6000	35.72
0814	22.8	6.38	2117	3	1.50	-76.0	7500	35.72
0817	22.9	6.39	2109	3	1.29	-80.6	9000	35.72
0820	23.0	6.39	2115	3	1.09	-85.4	10500	35.72
0823	23.0	6.40	2110	3	1.08	-87.4	12000	35.72
0826	23.1	6.40	2108	3	0.47	-96.5	13500	35.72
0829	23.1	6.40	2103	3	0.43	-99.2	15000	35.72
0832	23.2	6.40	2105	2	0.46	-99.4	16500	35.72

Did well dewater? Yes (No) Amount actually evacuated: 16500 mL

Sampling Time: 0833 Sampling Date: 10/2/15

Sample I.D.: GWS02549 Laboratory: CA Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's

Equipment Blank I.D.: FBS02083 @ Time 0710 ~~Duplicate~~ Trip Blank I.D.: FBS02103 @ 0700

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-201	Client: AECOM
Sampler: MJ	Gauging Date: 10/2/15
Well I.D.: SWL0021	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 63.00	Depth to Water (ft.): 39.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 1423 Flow Rate: 500 ml/min Pump Depth: 54.3

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1426	24.4	6.11	3111	6	0.72	-67.3	1500	39.46
1429	24.7	6.11	3122	3	0.65	-69.0	3000	39.46
1432	25.1	6.10	3138	3	0.57	-71.4	4500	39.46
1435	25.3	6.10	3152	2	0.49	-73.9	6000	39.46
1438	25.4	6.10	3162	2	0.43	-76.9	7500	39.46
1441	25.4	6.10	3169	2	0.41	-78.2	9000	39.46

Did well dewater? Yes (No)	Amount actually evacuated: 9000 ml
Sampling Time: 1442	Sampling Date: 10/2/15
Sample I.D.: GWS02530	Laboratory: Caiscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOC's, Bio Rep
Equipment Blank I.D.: @ Time	Duplicate I.D.: GWS02584 @ 1500

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930sa.1	Client: AECOM @ Del Amo
Sampler: JR	Gauging Date: 10/1/15
Well I.D.: SW20022	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 45.29 To TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump System volume = 7218 mL
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 0816 Flow Rate: 500 ml/min Pump Depth: 187'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0819	22.65	6.98	266	4	0.51	-139.0	1500	45.29
0822	22.80	7.11	440	4	0.43	-156.5	3000	45.29
0825	22.80	7.46	561	4	0.38	-175.8	4500	45.29
0828	22.82	7.55	582	4	0.38	-180.1	6000	45.29
0831	22.85	7.66	617	1	0.33	-187.2	7500	45.29
0834	22.85	7.68	620	1	0.32	-189.5	9000	45.29
0837	22.86	7.70	621	1	0.30	-192.1	10500	45.29

Did well dewater? Yes (No)	Amount actually evacuated: 10.5 L
Sampling Time: 0838	Sampling Date: 10/1/15
Sample I.D.: GWS02579	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other): 8260B
Equipment Blank I.D.: FBS02077 @ 0700 Time	Duplicate I.D.:

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

Trip Blank: FBS02071 @ 0600 No pump in well

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930RP-1	Client: AECOM @ Del Amo
Sampler: JR	Gauging Date: 10/1/15
Well I.D.: SWL0023	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 39.10 TO TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump — Peristaltic Pump — Bladder Pump — System volume = 3706 ml

Sampling Method: Dedicated Tubing — New Tubing — Other ___

Start Purge Time: 1150 — Flow Rate: 500 ml/min — Pump Depth: 96'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (ml))	Depth to Water (ft.)
1153	23.73	7.05	1025	5	0.37	-212.0	1500	39.36
1156	23.74	6.81	1082	8	0.24	-214.5	3000	39.36
1159	23.70	6.80	1105	7	0.22	-224.8	4500	39.36
1202	23.65	6.81	1111	6	0.18	-238.4	6000	39.36
1205	23.72	6.83	1110	6	0.16	-245.1	7500	39.36
1208	23.73	6.84	1111	6	0.17	-247.1	9000	39.36

Did well dewater? Yes (No)	Amount actually evacuated: 9 L
Sampling Time: 1209	Sampling Date: 10/1/15
Sample I.D.: GW502550	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: 8260B + TBA
Equipment Blank I.D.: @ Time	Duplicate I.D.:

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

Pump pulled WL - 0.65" from Port

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EJB	Gauging Date: 10/02/15
Well I.D.: SWL0024	Well Diameter (in.): ~~2~~ 3 4 6 8 ____
Total Well Depth (ft.): 65.00	Depth to Water (ft.): 38.40 TOP OF PORT
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 0921 Flow Rate: 200 mL/min / SYS VOL: 2160 mL Pump Depth: 54'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0924	24.0	6.16	2413	7	1.96	-37.6	600	38.59
0927	23.8	6.16	2401	2	1.82	-48.3	1200	38.59
0930	24.4	6.16	2401	2	1.71	-53.5	1800	38.59
0933	24.5	6.15	2402	1	1.67	-57.8	2400	38.59
0936	24.7	6.15	2406	1	1.66	-58.7	3000	38.59
0939	24.9	6.15	2408	1	1.65	-61.3	3600	38.59
0942	24.9	6.15	2408	1	1.65	-63.5	4200	38.59

Did well dewater? Yes No	Amount actually evacuated: 4200
Sampling Time: 0943	Sampling Date: 10/02/15
Sample I.D.: GWS02531	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD 1	Client: AECOM
Sampler: JM	Gauging Date: 10/1/15
Well I.D.: SWL0025	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 209.11	Depth to Water (ft.): 36.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" Grundfos Pump (3) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated (3) Tubing New Tubing Other ____

Start Purge Time: 0956 Flow Rate: 500 mL/min Pump Depth: 202'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0959	22.5	7.75	550	8	0.34	-158.1	1500	36.75
1002	22.5	7.63	550	32	0.19	-168.5	3000	36.75
1005	22.6	7.69	544	34	0.15	-171.3	4500	36.75
1008	22.7	7.69	553	30	0.14	-174.0	6000	36.75
1011	22.7	7.71	552	28	0.13	-178.1	7500	36.75
1014	22.7	~~7.77~~ 7.71	553	27	0.12	-179.1	9000	36.75
1017	22.7	7.71	549	27	0.11	-179.5	10500	36.75

Did well dewater? Yes (No)	Amount actually evacuated: 10,500 mL
Sampling Time: 1018	Sampling Date: 10/1/15
Sample I.D.: GWS02580	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-ED1	Client: AECOM
Sampler: ETS	Gauging Date: 10/06/15
Well I.D.: SWL0032	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): ~~51.61~~ 53.85	Depth to Water (ft.): 53.89 53.70 10/07/15
Depth to Free Product: 51.61 51.47 10/07/15	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type:

Purge Method: 2" Grundfos Pump / Peristaltic Pump / Bladder Pump
Sampling Method: Dedicated Tubing / New Tubing / Other ___

Start Purge Time: ___ Flow Rate: ___ Pump Depth: ___

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
—	2.23' OF SPH DETECTED W/ INTERFACE PROBE —							
—	5486 ML REMOVED W/ DISPOSABLE BAILER —							
1220	DTFP: 51.70							
	DTW: 51.90							
—	NO SAMPLE TAKEN							

Did well dewater? Yes / No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory:
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-K01	Client: AECom
Sampler: JM	Gauging Date: 10/1/15
Well I.D.: SWLD033	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 139.41	Depth to Water (ft.): 46.24
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump

Sampling Method: Dedicated Tubing (New Tubing) Other_____

Start Purge Time: 1330 Flow Rate: 500 ml/min Pump Depth: 132

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1333	22.9	7.10	754	5	0.42	-83.5	1500	46.30
1336	22.9	6.75	1448	5	0.28	-102.1	3000	46.30
1339	22.9	6.76	1487	3	0.29	-102.7	4500	46.30
1342	23.3	6.79	1461	3	0.26	-106.5	6000	46.30
1345	23.4	6.80	1479	3	0.33	-108.3	7500	46.30
1348	23.3	6.83	1427	3	0.29	-109.0	9000	46.30
1351	23.3	6.81	1437	3	0.28	-108.5	10,500	46.30

Did well dewater? Yes (No)	Amount actually evacuated: 10,500
Sampling Time: 1352	Sampling Date: 10/1/15
Sample I.D.: GWS02593	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-R01	Client: AECOM
Sampler: SM	Gauging Date: 9/30/15
Well I.D.: ~~SA~~ SWL 0035	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 134.51	Depth to Water (ft.): 42.27
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump Other ____

Sampling Method: Dedicated Tubing New Tubing

Start Purge Time: 1228 Flow Rate: 500 ml/min Pump Depth: 128

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
~~1231~~ 1431	22.5	7.44	618	12	0.29	-59.8	1500	42.45
~~1234~~	22.7	7.38	612	13	0.21	-77.5	3000	42.45
1437	22.8	7.40	613	12	0.18	-84.1	4500	42.45
1440	22.8	7.41	609	11	0.16	-89.3	6000	42.45
1443	22.9	7.40	615	11	0.13	-92.4	7500	42.45
1447	22.9	7.39	613	11	0.12	-91.9	9000	42.45

Did well dewater? Yes (No) Amount actually evacuated: 9000 mL

Sampling ~~Time~~ I.D.: ~~GW502558~~ GW502568 Sampling Date: 9/30/15

Sample ~~I.D.~~ Time: 1448 Laboratory: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: see COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930RD-1	Client: AECOM @ Del Amo
Sampler: JA	Gauging Date: 10/1/15
Well I.D.: SWL0036	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 45.09 TO TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump System volume: 7180 mL
Sampling Method: Dedicated (Tubing) New Tubing Other ___

Start Purge Time: 0924 Flow Rate: 500 ml/min Pump Depth: 186'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0927	22.00	7.37	501	35	0.59	-136.2	1500	45.15
0930	21.91	7.33	609	28	0.41	-169.4	3000	45.15
0933	21.85	7.29	616	22	0.35	-187.0	4500	45.15
0936	21.87	7.43	679	35	0.21	-208.3	6000	45.15
0939	21.85	7.52	684	28	0.19	-220.4	7500	45.15
0942	21.84	7.57	686	27	0.18	-222.9	9000	45.15
0945	21.85	7.58	684	27	0.17	-224.6	10500	45.15

Did well dewater? Yes (No)	Amount actually evacuated: 10.5 L
Sampling Time: 0946	Sampling Date: 10/1/15
Sample I.D.: GWS02581	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: 8260B
Equipment Blank I.D.: @ Time	Duplicate I.D.:

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

Pulled pump WL ~ ~~0.50~~ 0.65' from port

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD 1	Client: AECOM
Sampler: JM	Gauging Date: 9/30/15
Well I.D.: SWL0037	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 98.40	Depth to Water (ft.): 43.36
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other_____

Start Purge Time: 1346 Flow Rate: 500 ml/min Pump Depth: 90'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1349	23.7	7.38	895	7	0.42	1.7	1500	43.50
1352	23.4	7.29	892	7	0.30	-0.9	3000	43.50
1355	23.7	7.30	890	6	0.21	-6.3	4500	43.50
1358	23.7	7.30	892	6	0.19	-6.7	6000	43.50
1401	23.8	7.30	893	6	0.19	-7.4	7500	43.50

Did well dewater? Yes (No)	Amount actually evacuated: 7500 mL
Sampling Time: 1402	Sampling Date: 9/30/15
Sample I.D.: GWS02553	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: ETB	Gauging Date: 10/02/15
Well I.D.: GWL0038	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 75.00	Depth to Water (ft.): 47.44 TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" ~~Grundfos Pump~~ Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 0844 Flow Rate: 300 mL/min / sys vol: 2320 mL Pump Depth: 50.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0847	25.5	6.62	2265	74	1.85	4.2	900	47.61
0850	25.5	6.63	2266	66	1.85	3.6	1800	47.60
0853	25.5	6.63	2266	60	1.86	3.4	2700	47.60
0856	25.3	6.63	2263	47	1.87	6.6	3600	47.60
0859	25.2	6.64	2259	46	1.88	9.8	4500	47.60
0902	25.2	6.64	2253	45	1.88	10.3	5400	47.60
0905	25.1	6.64	2257	44	1.89	11.6	6300	47.60

Did well dewater? Yes (No) Amount actually evacuated: 6300

Sampling Time: 0906 Sampling Date: 10/02/15

Sample I.D.: GWS02533 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D ~~Other:~~ SEE C.O.C.

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-R01	Client: AECOM
Sampler: JP	Gauging Date: ~~10/1/15~~ 9/14/15
Well I.D.: SWL 0040	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): Pump in well	Depth to Water (ft.): 44.80
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other Dedicated pump

Start Purge Time: 1420 Flow Rate: 500 mL/min Pump Depth: 127

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1423	23.8	6.70	3218	16	0.58	-170.7	1500	44.98
1426	24.0	6.70	3370	0	0.41	-180.1	3000	44.98
1429	24.2	6.71	3360	0	0.39	-179.9	4500	44.98
1432	24.1	6.72	3379	0	0.32	-179.3	6000	44.98
1435	24.2	6.73	3402	0	0.36	-181.3	7500	44.98
1438	24.3	6.73	3420	0	0.39	-182.3	9000	44.98
1441	24.3	6.73	3430	0	0.36	-183.8	10500	44.98

Did well dewater? Yes (No)	Amount actually evacuated: 10500 mL
Sampling Time: 1442	Sampling Date: 1/10/15
Sample I.D.: GWS02569	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930 - RD1	Client: AECOM
Sampler: RD	Gauging Date: 10/2/15
Well I.D.: SWL0041	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 93.50	Depth to Water (ft.): 44.59
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1154 Flow Rate: 500 ml/min Pump Depth: 85.5

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1157	23.3	6.36	5911	8	0.32	-105.3	1500	45.17
1200	23.6	6.31	6193	7	0.47	-108.0	3000	45.17
1203	23.7	6.30	6205	6	0.32	-109.0	4500	45.17
1206	23.7	6.30	6201	6	0.30	-109.6	6000	45.17
1209	23.8	6.29	6153	6	0.22	-115.6	7500	45.17
1212	23.8	6.29	6122	6	0.21	-117.0	9000	45.17
1215	23.9	6.29	6118	6	0.20	-115.2	10500	45.17

Did well dewater? Yes (No)	Amount actually evacuated: 10500 mL
Sampling Time: 1216	Sampling Date: 10/2/15
Sample I.D.: GWS02554	Laboratory: CAT/Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs
Equipment Blank I.D.: @ Time	Duplicate I.D.: GWS02556 @ 1231

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930 - RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/05/15
Well I.D.: ~~SWL0042~~ SWL0042 EB	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 61.00	Depth to Water (ft.): 35.36 TOP OF PORT
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 1246 Flow Rate: 200mL/min / SYS VOL: 2740mL Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or (µS/cm))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1249	24.8	6.17	2804	3	1.75	-88.8	600	35.37
1252	25.2	6.10	3009	2	1.59	-85.7	1200	35.38
1255	26.3	6.08	3138	1	1.56	-84.8	1800	35.38
1258	25.8	6.06	3239	1	1.44	-84.1	2400	35.38
1301	25.7	6.07	3353	1	1.43	-83.6	3000	35.38
1304	25.8	6.06	3488	1	1.42	-81.3	3600	35.38
1307	25.9	6.05	3679	1	1.42	-78.3	4200	35.39
1310	26.0	6.05	3703	1	1.41	-77.7	4800	35.39
1313	26.1	6.04	3712	1	1.42	-77.2	5400	35.39

Did well dewater? Yes (No)	Amount actually evacuated: 5400
Sampling Time: 1314	Sampling Date: 10/05/15
Sample I.D.: GWS02534	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other:) SEE C.O.C. TBA
Equipment Blank I.D.: @ Time	Duplicate I.D.: GWS02592 @ 1319

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/05/15
Well I.D.: SWL0044	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 66.50	Depth to Water (ft.): 47.38 TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" (Grundfos) Pump Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated) Tubing New Tubing Other ___

Start Purge Time: 1350 Flow Rate: 300 mL/MIN / SYS VOL: 2500mL Pump Depth: 55'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1353	24.1	6.52	2232	2	2.41	-20.9	900	47.40
1356	24.3	6.42	2252	2	2.18	-9.3	1800	47.41
1359	24.9	6.34	2274	2	1.66	-1.2	2700	47.41
1402	25.1	6.33	2272	2	1.42	-2.2	3600	47.41
1405	25.5	6.32	2273	2	1.41	-3.1	4500	47.41
1408	25.5	6.31	2272	1	1.41	-4.7	5400	47.41
1411	25.6	6.31	2273	2	1.40	-6.1	6300	47.41

Did well dewater? Yes (No)	Amount actually evacuated: 6300
Sampling Time: 1412	Sampling Date: 10/05/15
Sample I.D.: GWS02535	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other): SEE C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-R01	Client: AECOM
Sampler: EB	Gauging Date: 10/02/15
Well I.D.: SWL0046	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 58.20	Depth to Water (ft.): 36.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 1010 Flow Rate: 300 mL/MIN / SYS VOL: 2220 mL Pump Depth: 48'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or ~~µS/cm~~)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1013	23.2	6.37	2118	81	2.25	83.1	900	37.04
1016	23.2	6.37	2129	35	2.24	80.0	1800	37.04
1019	23.5	6.37	2129	16	2.23	78.5	2700	37.04
1022	24.0	6.36	2138	8	2.20	78.1	3600	37.04
1025	24.2	6.36	2138	5	2.20	78.4	4500	37.04
1028	24.4	6.35	2139	5	2.21	78.8	5400	37.04
1031	24.5	6.35	2139	4	2.20	79.0	6300	37.04

Did well dewater? Yes (No)	Amount actually evacuated: 6300
Sampling Time: 1032	Sampling Date: 10/02/15
Sample I.D.: GWS02536	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other) See C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150980-RD	Client: AECOM
Sampler: RD	Gauging Date: 9/30/15
Well I.D.: SW1CO47	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 91.90	Depth to Water (ft.): 46.63
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos (Pump) Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing New (Tubing) Other ____

Start Purge Time: 1408 Flow Rate: 500 ml/min Pump Depth: 87'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1411	24.8	6.02	402.0	16	0.95	-140.4	1500	46.80
1414	25.2	6.35	450.5	13	0.77	-153.4	3000	46.80
1417	25.4	6.38	452.9	12	0.87	-154.2	4500	46.80
1420	25.5	6.42	460.4	11	0.75	-160.2	6000	46.80
1423	25.6	6.43	462.0	9	0.69	-163.6	7500	46.80
1426	25.8	6.44	460.8	9	0.72	-164.4	9000	46.80
1429	25.9	6.45	458.2	9	0.74	-164.2	10500	46.80

Did well dewater? Yes (No) Amount actually evacuated: 10500 ml

Sampling Time: 1430 Sampling Date: 9/30/15

Sample I.D.: GW502555 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's, Bio Deg

Equipment Blank I.D.: FB502072 @ Time 1345 Duplicate I.D.: FB502062 @ 1330

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: SWL0048	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): Pump in well	Depth to Water (ft.): 46.74
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other Dedicated pump

Start Purge Time: 1048 Flow Rate: 500 mL/min Pump Depth: 88

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1052	23.4	6.67	2207	10	1.04	-151.4	1500	47.41
1055	24.1	6.70	2270	7	0.86	-155.9	3000	47.43
1058	24.2	6.70	2281	0	0.83	-157.9	4500	47.43
1101	24.2	6.71	2295	0	0.64	-161.9	6000	47.43
1104	24.3	6.71	2295	0	0.58	-164.1	7500	47.43
1107	24.3	6.72	2309	0	0.54	-165.8	9000	47.43
1110	24.4	6.72	2314	0	0.56	-166.2	10500	47.43

Did well dewater? Yes (No)	Amount actually evacuated: 10500 mL
Sampling Time: 1111	Sampling Date: 10/2/15
Sample I.D.: GW502556	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CoC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: SWL0050	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): —	Depth to Water (ft.): 48.14
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ____

Start Purge Time: 1318 Flow Rate: 500 ml/min Pump Depth: 77

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or (µS/cm))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1321	24.0	7.08	2234	10	0.25	-196.6	1500	48.75
1324	24.5	7.04	2266	0	0.23	-173.0	3000	48.75
1327	24.7	7.03	2288	0	0.20	-174.0	4500	48.75
1330	24.7	7.03	2300	0	0.27	-186.8	6000	48.75
1333	24.7	7.04	2303	0	0.28	-186.4	7500	48.75
1336	24.8	7.04	2303	0	0.28	-183.9	9000	48.75

Did well dewater? Yes (No)	Amount actually evacuated: 9000 ml
Sampling Time: 1337	Sampling Date: 10/1/15
Sample I.D.: GW502591	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CoC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 100930-RDI	Client: AECOM
Sampler: ER	Gauging Date: 10/02/15
Well I.D.: GWL005 1	Well Diameter (in.): 2 3 4 6 8 ____
Total Well Depth (ft.): 56.00	Depth to Water (ft.): 37.70 TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1115 Flow Rate: 300 ml/min / SYS VOL: 2100 mL Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1118	24.7	6.55	2134	198	1.56	109.3	900	37.85
1121	25.5	6.53	2155	34	1.54	87.7	1800	37.85
1124	25.6	6.50	2165	11	1.58	83.8	2700	37.85
1127	25.6	6.50	2164	5	1.43	82.4	3600	37.85
1130	25.7	6.49	2164	3	1.42	81.6	4500	37.85
1133	25.6	6.49	2165	2	1.43	81.6	5400	37.85

Did well dewater? Yes No Amount actually evacuated: 5400

Sampling Time: 1134 Sampling Date: 10/02/15

Sample I.D.: GWS025915 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See C.O.C.

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: ETS	Gauging Date: 10/05/15
Well I.D.: SWL0052	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 95.00	Depth to Water (ft.): 34.14 TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 1037 Flow Rate: 400mL/min / sys vol: 3740 Pump Depth: 86

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1040	21.7	6.78	1795	8	2.09	-88.2	1200	34.32
1043	21.7	6.65	1938	12	2.11	-50.0	2400	34.32
1046	21.7	6.65	1974	9	2.06	-27.6	3600	34.32
1049	21.6	6.64	1940	7	2.10	-20.1	4800	34.32
1052	21.7	6.62	1895	7	2.07	-19.0	6000	34.32
1055	21.8	6.60	1892	7	1.99	-16.5	7200	34.32
1058	21.8	6.58	1892	8	1.95	-12.8	8400	34.32
1101	21.8	6.59	1906	8	1.94	-9.4	9600	34.32
1104	21.8	6.58	1906	11	1.91	-7.0	10800	34.32
1107	21.8	6.57	1906	12	1.88	-4.5	12000	34.32
1110	21.8	6.57	1905	11	1.88	-3.0	13200	34.32

Did well dewater? Yes (No)	Amount actually evacuated: 13200
Sampling Time: 1111	Sampling Date: 10/05/15
Sample I.D.: ~~SWL0052~~ GWS02558	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other: SEE C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930 RD-1	Client: AECOM @ Del Amo
Sampler: JA	Gauging Date: 10/2/15
Well I.D.: SWL0053	Well Diameter (in.): 2 3 4 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 33.82 To TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump System volume = 4798 cm
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 0800 Flow Rate: 500 mL/min Pump Depth: 123'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0803	21.36	~~3690~~ 5.95	369	4	0.47	-92.2	1500	33.82
0806	21.36	5.92	492	2	0.38	-98.9	3000	33.82
0809	21.36	6.40	1317	3	0.26	-123.1	4500	33.82
0812	21.42	6.74	1470	3	0.22	-119.4	6000	33.82
0815	21.54	6.98	1504	2	0.18	-141.8	7500	33.82
0818	21.58	7.00	1508	2	0.16	-142.0	9000	33.82
0821	21.60	7.02	1510	2	0.15	-148.9	10500	33.82

Did well dewater? Yes No	Amount actually evacuated: 10.5 L
Sampling Time: 0822	Sampling Date: 10/2/15
Sample I.D.: GWS02570	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: FBS02081 @ Time 0700	Duplicate I.D.:

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Trip Blank: FBS02101 @ 0600 Pump pulled WL - 0.65'

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RM	Client: AECOM
Sampler: RM	Gauging Date: 10/2/15
Well I.D.: SWL0054	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 131.00	Depth to Water (ft.): 50.04 TOC -5/8
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro PlUS

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 0946 Flow Rate: 500 ml/min Pump Depth: 125'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0949	23.1	8.13	1228	11	0.46	-59.8	1500	50.14
0952	23.4	6.89	1867	10	0.43	-66.6	3000	50.14
0955	23.5	6.83	1873	8	0.46	-67.7	4500	50.14
0958	23.6	6.70	1916	6	0.54	-68.9	6000	50.14
1001	23.5	6.66	1939	6	0.47	-69.5	7500	50.14
1004	23.4	6.64	1947	5	0.33	-73.9	9000	50.14
1007	23.4	6.63	1940	5	0.30	-76.1	10500	50.14
1010	23.6	6.63	1932	5	0.29	-80.7	12000	50.14

Did well dewater? Yes (No) Amount actually evacuated: 12000mL

Sampling Time: 1011 Sampling Date: 10/2/15

Sample I.D.: GWS 02571 Laboratory: CA Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-M1	Client: AECOM
Sampler: RM	Gauging Date: 10/1/15
Well I.D.: SWL005S	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 131.10	Depth to Water (ft.): 47.76 TOC -3/8"
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other____

Start Purge Time: 1458 Flow Rate: 500 Pump Depth: 125'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1501	23.8	6.76	2171	2	1.48	-102.5	1500	47.89
1504	23.6	6.67	2280	2	0.79	-102.3	3000	47.89
1507	23.7	6.66	2334	2	0.56	-106.3	4500	47.89
1510	23.7	6.66	2347	2	0.59	-108.2	6000	47.89
1513	23.8	6.66	2375	2	0.59	-109.9	7500	47.89
1516	23.8	6.66	2383	2	0.57	-110.1	9000	47.89

Did well dewater? Yes (No)	Amount actually evacuated: 9000 mL
Sampling Time: 1517	Sampling Date: 10/1/15
Sample I.D.: 6WS02572	Laboratory: CalScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOC'S
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD	Client: ACCOM
Sampler: RD	Gauging Date: 9/30/15
Well I.D.: SWL0056	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 84.66	Depth to Water (ft.): 40.01
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (circled) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing (circled) New ~~Tubing~~ RD Other_____

Start Purge Time: 1515 Flow Rate: 500 ml/min Pump Depth: 80'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1518	23.9	6.48	1509	2	1.18	-143.6	1500	40.09
1521	23.9	6.53	1574	2	1.00	-153.6	3000	40.09
1524	24.0	6.54	1580	2	0.98	-160.3	4500	40.09
1527	23.9	6.55	1592	2	0.99	-164.9	6000	40.09
1530	23.9	6.55	1592	2	1.01	-164.5	7500	40.09

Did well dewater? Yes (No)	Amount actually evacuated: 7500 mL
Sampling Time: 1531	Sampling Date: 9/30/15
Sample I.D.: 60050255 9	Laboratory: CA Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: (VOCs)
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD	Client: AECOM
Sampler: JM	Gauging Date: 9/30/15
Well I.D.: SWL0057	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 37.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (Dedicated) Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 1218 Flow Rate: 500 mL/min Pump Depth: 45' —

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1221	23.2	6.51	3446	73	0.78	-3.6	1500	38.25
1224	23.6	6.55	3456	38	0.75	-7.8	3000	38.40
1227	24.4	6.58	3466	22	0.91	-9.2	4500	38.50
1230	24.7	6.59	3471	20	0.85	-10.4	6000	38.55
1233	24.9	6.60	3472	20	0.77	-10.9	7500	38.55

Did well dewater? Yes (No)	Amount actually evacuated: 7500 mL
Sampling Time: 1234	Sampling Date: 9/30/15
Sample I.D.: GW502537	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD 1	Client: AECOM
Sampler: SM	Gauging Date: 10/1/15
Well I.D.: SWL0058	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 129.69	Depth to Water (ft.): 51.00 – 5/8" from gauging point on dedicated pump
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated) Tubing New Tubing Other ____

Start Purge Time: 0816 Flow Rate: 500 ml/min Pump Depth: 124

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0819	22.8	6.41	1939	11	0.44	-133.6	1500	51.20
0822	22.7	6.49	1963	6	0.22	-145.0	3000	51.20
0825	23.1	6.54	1940	5	0.25	-151.8	4500	51.20
0828	23.2	6.56	1949	5	0.22	-152.7	6000	51.20
0831	23.3	6.55	1972	5	0.20	-149.0	7500	51.20
0834	23.3	6.53	1973	5	0.18	-146.4	9000	51.20

Did well dewater? Yes (No)	Amount actually evacuated: 9000
Sampling Time: 0835	Sampling Date: 10/1/15
Sample I.D.: GWS02573	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JM	Gauging Date: 10/2/15
Well I.D.: SWL-0059	Well Diameter (in.): 2 3 4 6 8 ___
Total Well Depth (ft.): 66.02	Depth to Water (ft.): 51.70
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 1258 Flow Rate: 500 ml/min Pump Depth: 59'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1301	24.0	6.28	5596	231	0.33	-18.8	1500	52.10
1304	24.3	6.30	5286	255	0.31	-18.0	3000	52.15
1307	24.6	6.30	5388	254	0.24	-15.1	4500	52.15
1310	24.9	6.29	5418	247	0.20	-15.6	~~4500~~ 6000	52.15
1313	25.0	6.27	5466	239	0.20	-12.3	~~6000~~ 7500	52.15

Did well dewater? Yes No	Amount actually evacuated: 7500 mL
Sampling Time: 1314	Sampling Date: 10/2/15
Sample I.D.: GWSP2538	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-R01	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: SWL0060	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 112.01	Depth to Water (ft.): 35.91
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Start Purge Time: 1015 Flow Rate: 500 mL/min Pump Depth: 91.5

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1018	22.9	7.67	675	15	0.18	-273.9	1500	35.95
1021	23.1	7.60	724	1	0.15	-260.0	3000	35.95
1024	23.3	7.57	731	0	0.15	-255.9	4500	35.95
1027	23.5	7.59	734	0	0.14	-261.9	6000	35.95
1030	23.5	7.60	734	0	0.13	-265.0	7500	35.95
1033	23.5	7.60	734	0	0.13	-265.3	9000	35.95

Did well dewater? Yes (No)	Amount actually evacuated: 9000 mL
Sampling Time: 1034	Sampling Date: 10/1/15
Sample I.D.: GW502	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CoC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-LM1	Client: AECOM
Sampler: LM	Gauging Date: 10/2/15
Well I.D.: SWLC0061	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 136.31	Depth to Water (ft.): 51.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1052 Flow Rate: 500 ml/min Pump Depth: 117.5

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1055	23.1	7.40	536	7	1.04	-204.7	1500	51.34
1058	23.3	7.45	539	7	0.74	-219.3	3000	51.34
1101	23.3	7.48	541	7	0.67	-225.3	4500	51.34
1104	23.3	7.45	540	7	0.60	-228.7	6000	51.34
1107	23.4	7.48	540	6	0.45	-235.8	7500	51.34
1110	23.5	7.48	541	6	0.43	-238.0	9000	51.34
1113	23.5	7.46	545	6	0.44	-240.1	10500	51.34

Did well dewater? Yes (No) Amount actually evacuated: 10500 ml

Sampling Time: 1114 Sampling Date: 10/2/15

Sample I.D.: GWS02574 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD	Client: AECOM
Sampler: JM	Gauging Date: 10/2/15
Well I.D.: SWL003	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 189.19	Depth to Water (ft.): 50.69
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Start Purge Time: 1026 Flow Rate: 500 ml/min Pump Depth: 180'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1029	23.3	7.42	1088	3	0.39	-160.2	1500	50.95
1032	23.1	7.35	1114	3	0.25	-160.8	3000	50.95
1035	23.2	7.36	1108	3	0.18	-165.9	4500	50.95
1038	23.3	7.35	1126	3	0.16	-170.6	6000	50.95
1041	23.4	7.34	1149	3	0.16	-169.5	7500	50.95

Did well dewater? Yes (No)	Amount actually evacuated: 7500 mL
Sampling Time: 1042	Sampling Date: 10/2/15
Sample I.D.: GWS02582	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-201	Client: AECOM
Sampler: NO	Gauging Date: 10/2/15
Well I.D.: SW L0064	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 130.40	Depth to Water (ft.): 49.55 TOC ~ 5/8
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro PLUS

Purge Method: 2" Grundfos Pump (6) Peristaltic Pump Bladder Pump

Sampling Method: Dedicated (Tubing) New Tubing Other_____

Start Purge Time: 1303 Flow Rate: 500 mL/min Pump Depth: 122'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1306	22.5	7.40	762	23	0.91	-146.5	1500	50.08
1309	22.8	7.35	757	26	0.90	-149.1	3000	50.08
1312	22.7	7.34	756	22	0.82	-153.6	4500	50.08
1313	22.9	7.33	754	18	0.67	-160.2	6000	50.08
1316	22.9	7.33	754	18	0.65	-161.7	7500	50.08
1319	22.9	7.32	753	19	0.60	-162.9	9000	50.08

Did well dewater? Yes (No)	Amount actually evacuated: 9000 mL
Sampling Time: 1320	Sampling Date: 10/2/15
Sample I.D.: GW502575	Laboratory: CALscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOC's
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: SWL 0065	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): Pump in well	Depth to Water (ft.): 46.94
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: ~~122.5~~ YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other Dedicated pump

Start Purge Time: 1220 Flow Rate: 500 mL/min Pump Depth: 122.5

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1223	23.5	7.32	1168	24	0.25	-196.5	1500	47.44
1226	23.8	7.32	1171	2	0.15	-245.8	3000	47.40
1229	24.6	7.29	1223	0	0.13	-259.7	4500	47.40
1232	25.0	7.27	1265	0	0.12	-263.1	6000	47.40
1235	25.1	7.27	1289	0	0.12	-268.0	7500	47.40
1238	25.1	7.27	1292	0	0.12	-269.1	9000	47.40

Did well dewater? Yes (No)	Amount actually evacuated: 9000 mL
Sampling Time: 1239	Sampling Date: 10/1/15
Sample I.D.: GWS02576	Laboratory: Cal science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CoC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: SWL 006G	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): pump in well	Depth to Water (ft.): 51.84
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other Dedicated pump

Start Purge Time: 1125 Flow Rate: 500 mL/min Pump Depth: 179.5

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1128	24.0	8.08	416	17	0.53	-101.4	1500	52.50
1131	24.1	8.08	291	0	0.41	-111.6	3000	52.45
1134	24.7	8.05	284	0	0.42	-119.0	4500	52.45
1137	25.1	8.05	285	0	0.41	-124.8	6000	52.45
1140	25.2	8.06	285	0	0.43	-118.9	7500	52.45
1143	25.2	8.06	285	0	0.42	-120.8	9000	52.45

Did well dewater? Yes (No)	Amount actually evacuated: 9000 mL
Sampling Time: 1144	Sampling Date: 10/1/15
Sample I.D.: GW502583	Laboratory: Cal science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CoC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-R01	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: SWL0068	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 77.30	Depth to Water (ft.): 30.77
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other Waterra

Start Purge Time: 0913 Flow Rate: 500 ml/min Pump Depth: (27-5)

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
0916	22.9	6.56	2203	49	2.15	-122.3	1500	30.95
0919	23.2	6.62	2338	96	3.51	-140.7	3000	31.01
0922	23.0	6.62	2340	131	3.19	-149.1	4500	31.10
0925	23.0	6.63	2343	120	2.96	-152.0	6000	31.10
0928	23.1	6.64	2354	133	2.27	-146.0	7500	31.10
0931	23.1	6.64	2356	114	2.13	-145.5	9000	31.10
0934	23.2	6.64	2368	115	1.79	-145.3	10500	31.10
0937	23.9	6.64	2397	115	1.44	-146.1	12000	31.10
0940	24.0	6.64	2415	116	1.29	-147.7	13500	31.10
0943	24.0	6.64	2424	116	1.19	-150.7	15000	31.10

Did well dewater? Yes (No)	Amount actually evacuated: 15000 mL
Sampling Time: 0944	Sampling Date: 10/2/15
Sample I.D.: GW502539	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CoC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930RD-11	Client: AECOM @ Del Amo
Sampler: JR	Gauging Date: 10/2/15
Well I.D.: XBF-06	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 52.12 To TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump System volume = 4632 ml
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 1000 Flow Rate: 500 ml/min Pump Depth: 120'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
1003	22.64	7.43	660	2	0.36	-236.8	1500	52.12
1006	22.67	7.23	893	3	0.21	-248.9	3000	52.12
1009	22.75	7.27	830	3	0.19	-245.9	4500	52.12
1012	22.95	7.32	802	3	0.18	-262.5	6000	52.12
1015	22.98	7.33	801	4	0.17	-264.8	7500	52.12
1018	23.04	7.34	801	4	0.16	-268.1	9000	52.12

Did well dewater? Yes (No)	Amount actually evacuated: 9 L
Sampling Time: 1019	Sampling Date: 10/2/15
Sample I.D.: GW502577	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: 8260B
Equipment Blank I.D.: @ Time	Duplicate I.D.:

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

No pump in well

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JM	Gauging Date: 10/1/15
Well I.D.: XBF-13	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 133.71	Depth to Water (ft.): 40.51
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" Grundfos Pump (circled) Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing (circled) New Tubing Other ___

Start Purge Time: 1131 Flow Rate: 500 mL/min Pump Depth: 127

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1134	24.2	8.09	979	34	0.48	-92.6	1500	40.75
1137	23.9	7.10	2689	113	0.25	-143.1	3000	40.75
1140	23.9	7.02	2630	93	0.17	-143.1	4500	40.75
1143	23.9	7.00	2677	69	0.12	-145.0	6000	40.75
1146	24.0	7.00	2698	61	0.12	-145.2	7500	40.75
1149	24.0	6.99	2725	53	0.13	-145.1	9000	40.75
1152	24.0	6.99	2747	42	0.13	-145.4	10,500	40.75
1155	24.0	6.99	2790	36	0.12	-145.1	12,000	40.75
1158	24.1	6.98	2808	34	0.12	-144.6	13,500	40.75
1201	24.2	6.97	2818	34	0.11	-144.0	15,000	40.75

Did well dewater? Yes (No) Amount actually evacuated: 15,000 mL

Sampling Time: 1202 Sampling Date: 10/1/15

Sample I.D.: GW502578 Laboratory: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: see COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930RP-1	Client: AECOM @ Del Amo
Sampler: JA	Gauging Date: 10/1/15
Well I.D.: XG-17	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 48.00 TO TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump System volume = 7411 mL
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 1327 Flow Rate: 500 mL/min Pump Depth: 192'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1330	23.24	7.96	889	4	2.48	-117.0	1500	48.32
1333	22.99	7.78	896	14	2.09	-113.2	3000	48.32
1336	23.10	7.36	1189	54	1.39	-117.0	4500	48.32
1339	22.99	7.09	1389	44	0.97	-137.1	6000	48.32
1342	22.94	7.09	1485	49	0.80	-152.4	7500	48.32
1345	22.85	7.11	1521	59	0.65	-166.1	9000	48.32
1348	22.73	7.14	1526	66	0.58	-170.8	10500	48.32
1351	22.79	7.14	1526	67	0.61	-172.2	12000	48.32
1354	21.72	7.15	1527	67	0.54	-175.9	13500	48.32

Did well dewater? Yes (No) Amount actually evacuated: 13.5 L

Sampling Time: 1355 Sampling Date: 10/1/15

Sample I.D.: GWS0260-1 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8260B

Equipment Blank I.D.: @ Time Duplicate I.D.:

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

No pump in well

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RM	Client: AECOM
Sampler: RM	Gauging Date: 10/1/15
Well I.D.: XG-OWC	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 89.05	Depth to Water (ft.): 39.54 TOC -5/8
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 0846 Flow Rate: 500 mL/min Pump Depth: 85'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0849	22.9	6.32	1739	120	0.89	-112.8	1500	39.90
0852	23.1	6.45	1782	119	0.86	-113.0	3000	39.90
0855	23.3	6.56	1800	119	0.79	-114.1	4500	39.90
0858	23.4	6.62	1762	108	0.73	-114.1	6000	39.90
0901	23.6	6.66	1695	108	0.72	-115.1	7500	39.90
0904	23.7	6.68	1670	95	0.70	-116.1	9000	39.90
0907	23.9	6.69	1666	94	0.74	-117.2	10500	39.90
0910	24.1	6.70	1663	94	0.78	-119.4	12000	39.90

Did well dewater? Yes (No) Amount actually evacuated: 12000 mL

Sampling Time: 0911 Sampling Date: 10/1/15

Sample I.D.: GWS 02561 Laboratory: CALScience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S, Bio Deg.

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930BD-1	Client: AECOM @ Del Amo
Sampler: JL	Gauging Date: 10/1/15
Well I.D.: X6-02WC	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 46.57 TO TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos (Pump) Peristaltic Pump Bladder Pump System volume 335 mL
Sampling Method: Dedicated (Tubing) New Tubing Other ___

Start Purge Time: 1051 Flow Rate: 500 ml/min Pump Depth: 87'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1054	23.18	7.57	666	48	0.55	-144.7	1500	45.63
1057	23.31	7.55	1045	82	0.28	-182.7	3000	45.63
1100	23.33	7.70	1120	68	0.25	-191.7	4500	45.63
1103	23.10	7.76	1100	93	0.21	-203.4	6000	45.63
1106	23.07	7.76	1058	107	0.17	-214.3	7500	45.63
1109	23.24	7.75	1028	112	0.17	-212.9	9000	45.63
1112	23.30	7.76	1021	114	0.15	-214.6	10500	45.63
1115	23.34	7.77	1020	115	0.16	-218.1	12000	45.63

Did well dewater? Yes (No)	Amount actually evacuated: 12 L
Sampling Time: 1116	Sampling Date: 10/1/15
Sample I.D.: GWS02562	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: 8260B
Equipment Blank I.D.: @ Time	Duplicate I.D.:

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

pump pulled WL - 0.85' from port

replaced with expanding cap. TOC at grade

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930R01	Client: AECOM @ Del Amo
Sampler: JR	Gauging Date: 10/2/15
Well I.D.: XGW-07A	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): —	Depth to Water (ft.): 34.88 TO TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump System volume: 2007 ml
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1143 Flow Rate: 500 ml/min Pump Depth: 52'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Depth to Water (ft.)
1146	23.00	6.44	3275	10	0.42	-205.0	1500	35.01
1149	23.04	6.45	3307	8	0.49	-205.2	3000	35.02
1152	23.02	6.46	3346	7	0.54	-200.0	4500	35.02
1155	23.00	6.46	3348	6	0.51	-201.1	6000	35.02
1158	23.01	6.47	3348	6	0.49	-203.4	7500	35.02

Did well dewater? Yes (No) Amount actually evacuated: 7.5 L

Sampling Time: 1159 Sampling Date: 10/2/15

Sample I.D.: GW502596 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 8260B, TBA

Equipment Blank I.D.: FBS02096 @ Time 1135 Duplicate I.D.:

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

Pulled Dedicated Bladder pump (not working) WL - 0.25" from post

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-R01	Client: AECOM
Sampler: RJ	Gauging Date: 10/1/15
Well I.D.: X6W-07C	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 67.26	Depth to Water (ft.): 36.02 TOC - 1/4
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI ProPlus

Purge Method: 2" Grundfos Pump (circled) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing (circled) Other ____

Start Purge Time: 1002 Flow Rate: 500 mL/min Pump Depth: 65'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1005	23.1	6.98	1902	195	0.29	-108.3	1500	36.24
1008	23.1	6.95	1935	160	0.24	-118.7	3000	36.24
1011	23.7	6.92	1977	130	0.24	-129.4	4500	36.24
1014	24.0	6.92	1979	125	0.22	-134.4	6000	36.24
1017	24.3	6.92	1990	125	0.24	-137.5	7500	36.24
1020	24.1	6.92	1992	119	0.25	-141.1	9000	36.24
1023	24.1	6.91	1990	116	0.24	-143.9	10500	36.24

Did well dewater? Yes No (circled)	Amount actually evacuated: 10500 mL
Sampling Time: 1024	Sampling Date: 10/1/15
Sample I.D.: 6WS02597	Laboratory: CAScience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JF	Gauging Date: 9/14/15
Well I.D.: XMW-01 HD	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 59.42	Depth to Water (ft.): 39.95
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 0820 Flow Rate: 500 mL/min Pump Depth: 50

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0823	22.9	6.41	3106	49	0.42	-69.2	1500	40.01
0826	23.5	6.45	3125	36	0.42	-73.6	3000	40.00
0829	24.1	6.46	3155	29	0.40	-78.8	4500	40.00
0832	24.2	6.47	3156	24	0.25	-80.4	6000	40.00
0835	24.4	6.47	3151	26	0.20	-84.0	7500	40.00
0838	24.3	6.47	3147	27	0.19	-86.5	9000	40.00
0841	24.3	6.47	3145	27	0.19	-87.3	10500	40.00

Did well dewater? Yes (No)	Amount actually evacuated: 10500 mL
Sampling Time: 0842	Sampling Date: 10/1/15
Sample I.D.: GWS02540	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CoC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JM	Gauging Date: 10/2/15
Well I.D.: XMW-02HD	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 39.54
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" (Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 1433 Flow Rate: 500 ml/min Pump Depth: Deed Pump

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1436	23.8	6.45	1946	14	0.42	-80.2	1500	39.60
1439	24.3	6.44	1940	5	0.32	-83.3	3000	39.60
1442	24.6	6.44	1946	3	0.26	-86.0	4500	39.60
1445	24.9	6.45	1924	3	0.20	-93.2	6000	39.60
1448	25.0	6.45	1900	3	0.18	-97.0	7500	39.60
1451	25.0	6.46	1904	3	0.18	-99.1	9000	39.60

Did well dewater? Yes (No)	Amount actually evacuated: 9000 mL
Sampling Time: 1452	Sampling Date: 10/2/15
Sample I.D.: GWS02541	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other) see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930 RD-1	Client: AECOM @ Del Amo
Sampler: JR	Gauging Date: 10/2/15
Well I.D.: XMW-03 HD	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 38.95 To Port
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: (2" Grundfos Pump Dedicated) Peristaltic Pump Bladder Pump System volume = 1930 mL
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: 1306 Flow Rate: 500 ml/min Pump Depth: 50'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1309	24.83	6.47	3105	4	0.41	-158.1	1500	39.10
1312	24.96	6.43	3091	2	0.51	-158.3	3000	39.10
1315	25.34	6.44	3067	2	0.42	-183.7	4500	39.10
1318	25.38	6.46	3068	1	0.37	-185.1	6000	39.10
1321	25.35	6.47	3065	1	0.35	-187.2	7500	39.10

Did well dewater? Yes (No)	Amount actually evacuated: 7.5 L
Sampling Time: 1322	Sampling Date: 10/2/15
Sample I.D.: GWS02542	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: 8260B
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JF	Gauging Date: ~~10~~ 9/14/15
Well I.D.: GW502543 / XMW-04 HD	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): Pump in well	Depth to Water (ft.): ~~40.60~~ JF 40.60
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other Dedicated

Start Purge Time: 1404 Flow Rate: 500 mL/min Pump Depth: 56

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1407	24.7	6.35	2645	19	1.76	-105.1	1500	40.65
1410	25.2	6.28	2766	1	0.72	-88.8	3000	41.35
1413	26.0	6.31	2860	0	0.52	-82.7	4500	41.53
1416	26.1	6.31	2916	0	0.37	-61.7	6000	41.56
1419	26.3	6.31	2948	0	0.31	-56.0	7500	41.56
1422	26.5	6.31	2966	0	0.30	-53.1	9000	41.56
1425	26.7	6.31	2984	0	0.27	-52.9	10500	41.56
1428	26.8	6.31	3009	0	0.26	-54.0	12000	41.56
1431	26.7	6.31	3010	0	0.26	-54.3	13500	41.56

Did well dewater? Yes (No)	Amount actually evacuated: 13500 mL
Sampling Time: 1432	Sampling Date: 10/2/15
Sample I.D.: GW502543	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: JM	Gauging Date: ~~Sep~~ 10/1/15
Well I.D.: YMW-14	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 72.24	Depth to Water (ft.): 53.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1437 Flow Rate: 500 mL/min Pump Depth: 66'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1440	23.3	6.35	3976	7	0.46	-99.6	1500	53.40
1443	23.6	6.40	3896	11	0.34	-105.2	3000	53.40
1446	24.0	6.42	3794	9	0.27	-107.5	4500	53.40
1449	24.4	6.44	3674	9	0.18	-109.8	6000	53.40
1452	24.5	6.46	3499	8	0.16	-109.1	7500	53.40
1455	24.6	6.46	3377	8	0.13	-108.0	9000	53.40
1458	24.7	6.47	3329	7	0.13	-106.0	10,500	53.40
1501	24.9	6.47	3301	7	0.12	-104.1	12,000	53.40

Did well dewater? Yes (No)	Amount actually evacuated: 12,000 mL
Sampling Time: 1502	Sampling Date: 10/1/15
Sample I.D.: GWS02544	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD 1	Client: AECOM
Sampler: JM	Gauging Date: 9/30/15
Well I.D.: XMW-21	Well Diameter (in.): 2 3 4 6 8 ____
Total Well Depth (ft.): —	Depth to Water (ft.): 46.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: ~~13~~ 1516 Flow Rate: 500 mL/min Pump Depth: Red pump

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1519	23.2	6.38	1607	9	1.23	-107.5	1500	46.70
1522	23.7	6.29	1693	4	0.82	-116.7	3000	46.70
1525	24.1	6.33	1721	5	0.55	-121.3	4500	46.70
1528	24.2	6.31	1728	5	0.44	-120.6	6000	46.70
1531	24.2	6.36	1731	5	0.40	-123.0	7500	46.70
1534	24.2	6.34	1740	4	0.38	-126.0	9000	46.70

Did well dewater? Yes No	Amount actually evacuated: 9000 mL
Sampling Time: 1535	Sampling Date: 9/30/15
Sample I.D.: GW502598	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930 RP-1	Client: AECOM @ Del Amo
Sampler: JM	Gauging Date: 9/30/15
Well I.D.: XMW-27	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): ___	Depth to Water (ft.): 50.55 To Post
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump (Ded. Bladder Pump) System volume ~ 999 mL
Sampling Method: Dedicated (Tubing) New Tubing Other ___

Start Purge Time: 1401 Flow Rate: 150 mL/min Pump Depth: 67'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1404	25.54	6.54	1529	10	0.70	-128.7	450	50.66
1407	25.58	6.55	1597	8	0.55	-137.6	900	50.66
1410	25.49	6.59	1667	6	0.47	-145.9	1350	50.66
1413	25.49	6.63	1706	6	0.47	-155.9	1800	50.66
1416	25.46	6.66	1708	5	0.48	-158.6	2250	50.66
1419	25.52	6.67	1711	5	0.43	-160.4	2700	50.66

Did well dewater? Yes (No)	Amount actually evacuated: 2.7 L
Sampling Time: 1420	Sampling Date: 9/30/15
Sample I.D.: GWS 02545	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other): 8260B
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: SM	Gauging Date: 10/2/15
Well I.D.: XMW-28	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 49.99
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" (Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 0806 Flow Rate: 500 ml/min Pump Depth: ~~49~~ 50 ded pump

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0809	21.9	6.15	4105	5	0.64	-103.2	1500	~~49~~ 50.05
0812	22.6	6.21	4076	3	0.27	-112.9	3000	50.05
0815	22.7	6.23	4064	3	0.19	-117.1	4500	50.05
0818	22.8	6.24	4057	3	0.15	-120.6	6000	50.05
0821	22.9	6.26	4030	3	0.14	-125.0	7500	50.05
0824	22.8	6.26	4038	3	0.13	-126.1	9000	50.05

Did well dewater? Yes (No)	Amount actually evacuated: 9000 mL
Sampling Time: 0825	Sampling Date: 10/2/15
Sample I.D.: GW502546	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930 - RD1	Client: AECOM
Sampler: JM	Gauging Date: 10/2/15
Well I.D.: XMW-29	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 72.66	Depth to Water (ft.): 49.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI pro plus

Purge Method: 2" Grundfos Pump (3) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated (3) Tubing New Tubing Other ____

Start Purge Time: 0918 Flow Rate: 500 ml/min Pump Depth: 65'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or ~~µS/cm~~)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
0921	21.7	6.51	2454	3	0.52	-97.6	1500	50.05
0924	21.9	6.46	2484	5	0.25	-113.0	3000	50.15
0927	22.2	6.45	2443	5	0.17	-112.6	4500	50.20
0930	22.4	6.45	2476	5	0.16	-114.5	6000	50.25
0933	22.6	6.45	2470	5	0.15	-117.0	7500	50.25
0936	22.6	6.43	2488	5	0.13	-119.7	9000	50.25

Did well dewater? Yes (No)	Amount actually evacuated: 9000 mL
Sampling Time: 0937	Sampling Date: 10/2/15
Sample I.D.: GWS02547	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/02/15
* Well I.D.: XP-02	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 79.00	Depth to Water (ft.): 45.50 TOC
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" (Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 1211 Flow Rate: 300 mL/min / SYS Vol: 2940 mL Pump Depth: 66'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or ~~µS/cm~~)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Depth to Water (ft.)
1214	23.8	6.46	1374	15	1.60	35.2	900	45.54
1217	24.1	6.45	1371	9	1.57	31.8	1800	45.54
1220	24.4	6.43	1370	8	1.38	28.7	2700	45.54
1223	24.6	6.42	1369	9	1.37	26.5	3600	45.54
1226	24.8	6.42	1364	10	1.36	26.3	4500	45.54
1229	24.9	6.42	1363	10	1.36	25.8	5400	45.54

Did well dewater? Yes (No)	Amount actually evacuated: 5400
Sampling Time: 1230	Sampling Date: 10/02/15
Sample I.D.: GWSD2563	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other) SEE C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Pg. 1 of 2

Project #: 150930-RD1	Client: AECOM
Sampler: KD	Gauging Date: 10/1/15
Well I.D.: XP-03	Well Diameter (in.): 2 3 (4) 6 8 ___
Total Well Depth (ft.): 96.00	Depth to Water (ft.): 40.22 TOC -5/8
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (circled) Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing (circled) New Tubing Other ___

Start Purge Time: 1120 Flow Rate: 500 mL/min Pump Depth: 90'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1123	23.1	7.45	1914	15	1.95	-98.0	1500	40.46
1126	23.1	8.24	1910	12	1.62	-110.4	3000	40.47
1129	23.1	8.49	1935	11	1.47	-113.9	4500	40.48
1132	23.3	8.40	1928	13	1.29	-116.4	6000	40.48
1135	23.6	8.23	1930	14	1.23	-115.2	7500	40.48
1138	23.5	8.09	1938	15	1.07	-114.1	9000	40.48
1141	23.6	7.91	1932	17	0.98	-112.6	10500	40.48
1144	23.6	7.76	1934	17	0.90	-112.9	12000	40.48
1147	23.6	7.66	1936	17	0.85	-114.0	13500	40.48
1150	23.7	7.55	1942	17	0.76	-115.6	15000	40.48
1153	23.7	7.48	1946	16	0.67	-118.7	16500	40.48
1156	23.7	7.42	1948	16	0.62	-122.3	18000	40.48

Did well dewater? Yes (No)	Amount actually evacuated: 21000 mL
Sampling Time: 1203	Sampling Date: 10/1/15
Sample I.D.: GWS02590	Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: VOCs
Equipment Blank I.D.: @ Time	Duplicate I.D.: GWS02564 @ 1218

LOW FLOW WELL MONITORING DATA SHEET

Pg. 2 of 2

Project #: 150930-R01	Client: AECOM
Sampler: RJ	Gauging Date: 10/1/15
Well I.D.: XP-03	Well Diameter (in.): 2 3 (4) 6 8 ____
Total Well Depth (ft.): 96.00	Depth to Water (ft.): 40.22
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Start Purge Time: 1120 Flow Rate: 500 ml/min Pump Depth: 90'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1159	23.7	7.38	1950	17	0.57	-124.7	19500	40.88
1202	23.8	7.34	1947	16	0.56	-125.6	21000	40.88

Did well dewater? Yes (No) Amount actually evacuated: 21000 ml

Sampling Time: 1203 Sampling Date: 10/1/15

Sample I.D.: GWS02590 Laboratory: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs

Equipment Blank I.D.: @ Time Duplicate I.D.: GWS02506Y @ 1218

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: ES	Gauging Date: 10/01/15
Well I.D.: XMW-20	Well Diameter (in.): 2 3 4 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 53.99
Depth to Free Product: 52.89	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type:

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Start Purge Time: ___ Flow Rate: ___ Pump Depth: ___

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
10/7/15	DTFP : ~~50.30~~ 53.00							
	DTW : ~~330~~ 53.07							
—	1.1' OF SPH DETECTED W/ INTERFACE PROBE							
—	666 mL REMOVED W/ DISPOSABLE BAILER							
1044 —	DTFP : 52.98							
	DTW : 53.03							
1203	DTFP : 52.95							
	DTW : 53.02							
—	NO SAMPLE TAKEN				—			

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory:
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 150930-RD1	Client: AECOM
Sampler: EB	Gauging Date: 10/06/15
Well I.D.: IWS00279	Well Diameter (in.): 2 3 4 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): —
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type:

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other DISPOSABLE BAILER

Start Purge Time: Flow Rate: Pump Depth:

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
—	WASTE CHARATERIZATION SAMPLE —							

Did well dewater? Yes ~~No~~	Amount actually evacuated:
Sampling Time: 1250	Sampling Date: 10/06/15
Sample I.D.: IWS00279	Laboratory: CALSCIENCE
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

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CONDUCT ANALYSIS TO DETECT

LAB

COC 1 of 1

CHAIN OF CUSTODY

CLIENT URS

SITE Del Amo

Torrance, CA

Reporting and Billing info:
David Myers, PG
Field Services Manager
URS Corporation
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Cell: (805) 345-5929
david.myers@urs.com

SAMPLE I.D.	DATE	TIME	MATRIX AQ=Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B + MTBE		Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FBS02063	09/30/15	1145	AQ	2	HCL	VOA	X											
FBS02073	09/30/15	1150	AQ	3	HCL	VOA	X											
GWS02507	09/30/15	1318	AQ	3	HCL	VOA	X											
GWS02511	09/30/15	1426	AQ	3	HCL	VOA	X											

SAMPLING COMPLETED DATE 09/30/15 TIME

SAMPLING PERFORMED BY EDUARDO BUDANO

RESULTS NEEDED NO LATER THAN

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
[signature]	1600	[signature]	9/30/15	1600
[signature]	1645	[signature]	9/30/15	1645

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TIME SENT

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david.myers@urs.com

SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B + MTBE		Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FBS02065	9/30/15	1030	AQ	2	HCL	VOAS	X											
FBS02075		1100		3			X											
GWS02518		1253		3			X											
GWS02545		1420		3			X											
GWS02565		1518		3			X											

SAMPLING COMPLETED DATE 9/30/15 TIME

SAMPLING PERFORMED BY Jonathan Ramsey

RESULTS NEEDED NO LATER THAN

RELEASED BY [signature] TIME 1600 RECEIVED BY [signature] DATE 9/30/15 TIME 1600

RELEASED BY [signature] EG TIME 1645 RECEIVED BY [signature] EG DATE 9/30/15 TIME 1645

RELEASED BY TIME RECEIVED BY DATE TIME

SHIPPED VIA TIME SENT COOLER #

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SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B		Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FBS02062	9/30/15	1330	AQ	2	HCl	VOA	X											
FBS02072	9/30/15	1345	AQ	3	HCl	VOA	X											
GWS02555	9/30/15	1430	AQ	10	VARIOUS	VARIOUS	X		X	X	X	X	X	X				
GWS02559	9/30/15	1531	AQ	3	HCl	VOA	X											

SAMPLING COMPLETED DATE 9/30/15 TIME

SAMPLING PERFORMED BY Danny Rice

RESULTS NEEDED NO LATER THAN

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
[signature]	1600	[signature]	9/30/15	1600
[signature]	1645	[signature] ECT	9/30/15	1645
			/	

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SAMPLE I.D.	DATE	TIME	MATRIX AQ=Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B + MTBE		Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FBS02064	9/30/15	1205	AQ	2	HCl	VOA	X											
FBS02076	↓	1210	↓	3	HCl	VOA	X											
GWS02537	↓	1234	↓	3	HCl	VOA	X											
GWS02598	↓	1535	↓	10	various	various	X		X	X	X	X	X	X				
GWS02553	↓	1402	↓	10	various	various	X		X	X	X	X	X	X				
GWS02568	↓	1448	↓	3	HCl	VOA	X											

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	9/30/15	1535	Jason Mahn	standard

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
[signature]	1600	[signature]	9/30/15	1600
[signature]	1645	[signature]	9/30/15	1645

SHIPPED VIA	TIME SENT	COOLER #

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david.myers@urs.com

SAMPLE I.D.	DATE	TIME	MATRIX (AQ= Water)	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B + MTBE	TBA	Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FBS02074	9/30/15	1225	W	3			X											
FBS02066		1200		2			X											
GWS02506		1306		3			X											
GWS02526		1409		10			X	X	X	X	X	X	X	X				
GWS02519		1521		10			X	X	X	X	X	X	X	X				

SAMPLING COMPLETED DATE 9/30/15 TIME 1550

SAMPLING PERFORMED BY J. Fountain

RESULTS NEEDED NO LATER THAN

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
Joni	1600	N	9/30/15	1600
Nicol	1645		9/30/15	1645

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SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B	TBA	Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FBS02068	10/1/15	0700	AQ	2	HCl	VOA	X											
FBS02079	10/1/15	0710	AQ	3	HCl	VOA	X											
GWS02561	10/1/15	0911	AQ	10	VARIOUS	VARIOUS	X	X	X	X	X	X	X	X				
GWS02597	10/1/15	1024	AQ	3	HCl	VOA	X											
GWS02590	10/1/15	1218	AQ	3	HCl	VOA	X											
GWS02564	10/1/15	1203	AQ	3	HCl	VOA	X											
GWS02566	10/1/15	1316	AQ	3	HCl	VOA	X											
GWS02572	10/1/15	1517	AQ	3	HCl	VOA	X	X										

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/1/15	1630	Danny Rice	

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
[signature]	1722	[signature] ECI	10/1/15	1722

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CHAIN OF CUSTODY

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david.myers@urs.com

SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B		Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FB502069	10/01/15	0710	AQ	2	HCL	VOA	X											
FB502080	10/01/15	0715	AQ	3	HCL	VOA	X											
GWS02513	10/01/15	0940	AQ	3	HCL	VOA	X											
GWS02505	10/01/15	1329	AQ	3	HCL	VOA	X											
GWS02503	10/01/15	~~0940~~ 1032	AQ	3	HCL	VOA	X											
GWS02516	10/01/15	1122	AQ	3	HCL	VOA	X											
~~GWS02517~~	~~10/01/15~~	~~1212~~	~~AQ~~	~~3~~	~~HCL~~	~~VOA~~	~~X~~											10/01/15 EB
GWS02523	10/01/15	1414	AQ	3	HCL	VOA	X		X	X	X	X	X	X				
GWS02524	10/01/15	1509	AQ	10	VARIOUS	VARIOUS												

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	10/01/15	1545	EDUARDO BUDANO	

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
[signature]	1600	[signature]	10/1/15	1600
[signature]	1722	[signature] ECI	10/1/15	1722

SHIPPED VIA	TIME SENT	COOLER #

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CHAIN OF CUSTODY

CLIENT: ~~URS~~ AECOM

SITE: Del Amo
Torrance, CA

CONDUCT ANALYSIS TO DETECT

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COC 1 of 1

Reporting and Billing info:
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Cell: (805) 345-5929
david.myers@urs.com

SAMPLE I.D.	DATE	TIME	MATRIX (AQ= Water)	#	Preservation	Type	VOC's by EPA 8260B	TBA	Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FBS02078	10/1/15	0715	AQ	3	HCl	VOA	X											
FBS02067		0720		2			X											
GWS02573		0835		3			X											
GWS02548		0928		3			X											
GWS02580		1018		3			X											
GWS02527		1050		3			X											
GWS02578		1202		3			X	X										
GWS02593		1352		3			X											
GWS02544		1502		3			X											

SAMPLING COMPLETED: DATE 10/1/15 TIME 1510

SAMPLING PERFORMED BY: Jason Mahn

RESULTS NEEDED NO LATER THAN: standard

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
[signature]	1600	[signature]	10/1/15	1600
[signature]	1722	Rudy [signature] ECI	10/1/15	1722

SHIPPED VIA | TIME SENT | COOLER #

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CONDUCT ANALYSIS TO DETECT

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COC 1 of 2

CHAIN OF CUSTODY

CLIENT URS

SITE Del Amo

Torrance, CA

Reporting and Billing info:
David Myers, PG
Field Services Manager
URS Corporation
130 Robin Hill Road, Suite 100
Santa Barbara, CA 93117
Cell: (805) 345-5929
david.myers@urs.com

SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B	TBA	Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FBS02081	10/1/15	0800	W	3	HCL	voa	x											
FBS02070		0750		2	HCL	voa	x											
GWS02540		0842		3	HCL	voa	x											
GWS02508		0939		3	HCL	voa	x	x										
GWS02560		1034		3	HCL	voa	x	x										
GWS02583		1144		3	HCL	voa	x											
GWS02576		1239		3	HCL	voa	x											
GWS02591		1337		10	Various	Various	x		x	x	x	x	x	x				
GWS02569		1442		3	HCL	voa	x	x										
GWS02522		1533		10	Various	Various	x		x	x	x	x	x	x				

SAMPLING COMPLETED DATE 10/1/15 TIME 1600

SAMPLING PERFORMED BY J. Fountain

RESULTS NEEDED NO LATER THAN

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
Joni	1600	[illegible]	10/1/15	1600
[illegible]	1722	[illegible] ECI	10/1/15	1722

SHIPPED VIA

TIME SENT

COOLER #

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

COC 2 of 2

CHAIN OF CUSTODY

CLIENT URS

SITE Del Amo

Torrance, CA

Reporting and Billing info:
David Myers, PG
Field Services Manager
URS Corporation
130 Robin Hill Road, Suite 100
Santa Barbara, CA 93117
Cell: (805) 345-5929
david.myers@urs.com

SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B	TBA	Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
GWS02585	10/1/15	1245	W	3	HCL	voa	X											
GWS02591	10/1/15	1350	W	10	various	various	X		X	X	X	X	X	X				

SAMPLING COMPLETED DATE 10/1/15 TIME 1600

SAMPLING PERFORMED BY J. Fountain

RESULTS NEEDED NO LATER THAN

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
JonF	1600	N	10/1/15	1600
N	1722	ECI	10/1/15	1722

SHIPPED VIA

TIME SENT

COOLER #

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT | LAB | COC 1 of 1

CHAIN OF CUSTODY

CLIENT: URS

SITE: Del Amo
Torrance, CA

Reporting and Billing info:
David Myers, PG
Field Services Manager
URS Corporation
130 Robin Hill Road, Suite 100
Santa Barbara, CA 93117
Cell: (805) 345-5929
david.myers@urs.com

SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B	TBA	Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FBS02071	10/1/15	0600	AQ	2	HCL	VOAS	X											
FBS02077		0700		3			X											
GWS02579		0838		3			X											
GWS02581		0946		3			X											
GWS02562		1116		3			X											
GWS02550		1209		3			X	X										
GWS02601		1355		3			X											
GWS02529		1521		3			X											
~~GWS02588~~		~~1530~~		~~3~~			~~X~~								~~JH~~	~~10/1/15~~		
GWS02588		1530		3			X											

SAMPLING COMPLETED: DATE 10/1/15 | TIME

SAMPLING PERFORMED BY: Jonathan Ramirez

RESULTS NEEDED NO LATER THAN

RELEASED BY	TIME	RECEIVED BY	DATE	TIME
[signature]	1600	[signature]	10/1/15	1600
[signature]	1722	[signature] ECI	10/1/15	1722

SHIPPED VIA | TIME SENT | COOLER #

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY

CLIENT URS

SITE Del Amo
Torrance, CA

LAB

COC 1 of 1

Reporting and Billing info:
David Myers, PG
Field Services Manager
URS Corporation
130 Robin Hill Road, Suite 100
Santa Barbara, CA 93117
Cell: (805) 345-5929
david.myers@urs.com

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX AQ=Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B	TBA	Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
FBS02106	10/05/15	0645	AQ	2	HCL	VOA	X											
FBS02087	10/05/15	0650	AQ	3	HCL	VOA	X											
GWS02520	10/05/15	0955	AQ	3	HCL	VOA	X											
GWS02587	10/05/15	1000	AQ	3	HCL	VOA	X											
GWS02558	10/05/15	1111	AQ	3	HCL	VOA	X											
GWS02534	10/05/15	1314	AQ	3	HCL	VOA	X	X										
GWS02592	10/05/15	1319	AQ	3	HCL	VOA	X	X										
GWS02535	10/05/15	1412	AQ	3	HCL	VOA	X											

SAMPLING COMPLETED DATE 10/05/15 TIME 1420

SAMPLING PERFORMED BY EDUARDO BUENO

RESULTS NEEDED NO LATER THAN

RELEASED BY [signature] TIME 1540 RECEIVED BY DATE TIME

RELEASED BY TIME RECEIVED BY DATE TIME

RELEASED BY TIME RECEIVED BY DATE TIME

SHIPPED VIA TIME SENT COOLER #

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY

CLIENT URS

SITE Del Amo
Torrance, CA

CONDUCT ANALYSIS TO DETECT

LAB

COC____of____

Reporting and Billing info:
David Myers, PG
Field Services Manager
URS Corporation
130 Robin Hill Road, Suite 100
Santa Barbara, CA 93117
Cell: (805) 345-5929
david.myers@urs.com

SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS #	Preservation	Type	VOC's by EPA 8260B	~~TPH GAS, TPH CARBOS CHAIN, TITLE 22 METALS~~	Carbon Dioxide by SM4500-Co2D	Nitrate, Sulfate by EPA 300.0	Manganese by EPA 6010B	Methane by RSK-175M	Alkalinity by SM 2320B	Ferrous Iron By SM 3500-FeB	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB-1	10/06/15	0925	AQ	2	HCL	VOA	X											
EB-1	10/06/15	0930	AQ	3	HCL	VOA	X											
SWL0003	10/06/15	1020	AQ	3	HCL	VOA	X											
TWS00279	10/06/15	1250	AQ	8	VARIOUS	VARIOUS	X	X										

SAMPLING COMPLETED DATE 10/06/15 TIME

SAMPLING PERFORMED BY EDUARDO BUDANO

RESULTS NEEDED NO LATER THAN

RELEASED BY [signature] TIME 1615 RECEIVED BY [signature] ECL DATE 10/06/15 TIME 1615

RELEASED BY TIME RECEIVED BY DATE TIME

RELEASED BY TIME RECEIVED BY DATE TIME

SHIPPED VIA TIME SENT COOLER #

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME AECom @ Del Amo				PROJECT NUMBER 150930-RD1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 556	09C101092	9/30/15 0800	4/7/10 240 100% 3900	4.01/7.00/9.99 237 99.3% 3800	✓	22.3	JF
YSI 556	12J101165	10/1/15 0610	4 7 10 240 100% 3900	7.05/4.00 241 100% 3879	✓	22.0	JF
YSI 556	12J101165	10/1/15	4 7 10 240 100% 3900	4.00 7.01 9.96 236 99.4% 3830	✓	24.0	JF

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME AECOM @ Del Amo				PROJECT NUMBER 150930RA-1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. °C	INITIALS
YSI 556	06F 1362AN	9/30/15 0830	pH 7, 10, 4 Cond. 3900	7.22, 9.87, 3.90 3645	7.00, 10.00, 4.00 3900	25.4°	JM
		↓	DO 100% ORP 232.0	113.6% 217.5	99.8% 232.0	24.6°	JM
		10/1/15 0600	pH 7, 10, 4 Cond. 3900	7.03, 9.90, 3.91 3890	7.00, 10.00, 4.00 3900	28.2°	JM
		↓	DO 100% ORP 230.0	115.3% 232.4	99.9% 230.0	26.4°	JM
		10/2/15 0600	pH 7, 10, 4 Cond. 3900	7.03, 9.96, 3.83 3901	7.00, 10.00, 4.00 3900	27.7°	JM
		↓	DO 100% ORP 230.0	104.9% 233.8	100.0% 230.0	28.4°	JM

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Accom @ Del Amo Superfund				PROJECT NUMBER 150930-R01			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI Pro10	10E10 2054	9/30/15 0850	pH 7.00	7.03	7.00	24.9	
↓	↓	↓	↓ 10.00	9.95	10.00	25.5	RD
			↓ 4.00	3.91	4.00	25.3	
↓	↓	↓	Cond 3900	3884	3900	25.3	RD
			ORP 231.7	230.0	231.7	25.2	
			DO% 100	99.7%	97.6%	25.1	RD
YSI Pro Plus	10E102054	10/1/15 0615	pH 7.00	7.05	7.00	27.5	
↓	↓	↓	↓ 10.00	9.97	10.00	28.1	RD
			↓ 4.00	4.01	4.00	28.2	
↓	↓	↓	Cond 3900	38.94	3900	26.9	RD
			ORP 228.0	227.2	228.0	27.5	
			DO% 100	99.2%	99.9%	26.0	RD
YSI Pro Plus	10E102054	10/2/15 0615	pH 7.00	7.04	7.00	26.8	
↓	↓	↓	↓ 10.00	9.96	10.00	27.1	RD
			↓ 4.00	4.02	4.00	27.2	
↓	↓	↓	Cond 3900	3884	3900	26.9	RD
			ORP 229.4	230.3	229.4	27.0	
			DO% 100	99.1%	98.7%	23.9	RD

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Del Amo Superfund				PROJECT NUMBER 150930-RD1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI pro plus	12H101387	9/30/15 0645	DO 100% ORP 232	99.4 232.8	Y	24.5°C	[illegible]
		↓	pH 4 7 10 conductivity 3900	4.00 7.00 9.99 3902	Y Y Y Y	↓	[illegible]
		10/1/15 0600	DO 100% ORP 231	97.8 231.1	Y Y	26.0°C	[illegible]
		↓	pH 4 7 10 conductivity 3900	3.99 7.00 10.14 3901	Y Y Y Y	↓	[illegible]
		10/2/15 0610	DO 100% ORP 231	94.2 231.4	Y Y Y	26.1°C	[illegible]
		↓	pH 4 7 10 conductivity 3900	4.10 7.10 11.00 3901	Y Y Y Y	↓	[illegible]

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME AECOM @ DEL AMO				PROJECT NUMBER 150930-PD1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI PRO PLUS	10E 101738	09/30/15 0900	4.00, 7.00, 10.00 3900, 100%, ORP	4.0, 7.01, 9.98 3900, 100.9%, 230.3	✓, ✓, ✓ ✓, ✓, ✓	26 °C	EB
2100Q	12010C015801	09/30/15 0905	0	0	✓	26 °C	EB
YSI PRO PLUS	10E101738	10/01/15 0615	4.00, 7.00, 10.00 3900, 100%, ORP	4.00, 7.01, 9.98 3903, 98.9%, 228.6	✓, ✓, ✓ ✓, ✓, ✓	26 °C	EB
2100Q	12010C015801	10/01/15 0620	0	0	✓	26 °C	EB
YSI PRO PLUS	10E101738	10/02/15 0610	4.00, 7.00, 10.00 3900, 100%, ORP	4.01, 7.00, 10.00 3901, 99.6%, 229.5	✓, ✓, ✓ ✓, ✓, ✓	27 °C	EB
2100 Q	12010C015801	10/02/15 0615	0	0	✓	27 °C	EB
YSI PRO PLUS	10E101738	10/05/15 0610	4.00, 7.00, 10.00 3900, 100%, ORP	3.98, 7.00, 10.00 3902, 98.7%, 235.9	✓, ✓, ✓ ✓, ✓, ✓	23 °C	EB
2100 Q	12010C015801	10/05/15 0615	0	0	✓	25 °C	EB
YSI PRO PLUS	10E101738	10/06/15 0935	4.00, 7.00, 10.00 3900, 100%, ORP	3.98, 7.01, 10.01 3901, 98.8%, 234.3	✓, ✓, ✓ ✓, ✓, ✓	21 °C	EB
2100 Q	12010C015801	10/06/15 0940	0	0	✓	21 °C	EB

APPENDIX B

WASTE MANAGEMENT

#555

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAR000216663
2. Page 1 of 1
3. Emergency Response Phone: 866-512-9565
4. Manifest Tracking Number: 014129712 JJK

5. Generator's Name and Mailing Address
Equilon Enterprise LLC dba Shell Oil Products US
P.O. Box 92316
Long Beach CA 90809-2316
Generator's Phone: 310 522-1168

Generator's Site Address (if different than mailing address)
Del Amo Waste Pits Respondents
20245 S. Vermont Ave
Torrance CA 90502

6. Transporter 1 Company Name: American Integrated Services Inc
U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Evoqua Water Technologies Inc.
5375 S Boyle Ave
Los Angeles CA 90058
Facility's Phone: 323 277-1500
U.S. EPA ID Number: CAD097030993

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3082, Hazardous Waste Liquid, n.o.s. (Benzene), 9, PG III	001	TT	427	G	135	D018	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Wear proper PPE while handling. Weights or volumes are approximate. RS99721
GHD is the Emergency Response Contractor
Job# 35010-10-6 RWR# 7217 Profile# P191619
D216769

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: AIS on behalf of Generator - J Sherman
Signature: AIS
Month 11 Day 16 Year 15

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Billy Marroscal
Signature: Billy
Month 11 Day 16 Year 15
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H135 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Aaron Hosted
Signature:
Month 11 Day 16 Year 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAR000216663
2. Page 1 of 1
3. Emergency Response Phone: 866-912-9565
4. Manifest Tracking Number: 014129713 JJK

5. Generator's Name and Mailing Address
Equilon Enterprise LLC dba Shell Oil Products US
P.O. Box 92316
Long Beach CA 90809-2316
Generator's Phone: 310 522-1168

Generator's Site Address (if different than mailing address)
Del Amo Waste Pits Respondents
20245 S. Vermont Ave
Torrance CA 90502

6. Transporter 1 Company Name: American Integrated Services Inc
U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors- Wilmington, LLC
1737 E. Denni Street
Wilmington CA 90744
Facility's Phone: 310 835-9968
U.S. EPA ID Number: CAD044429835

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ UN1993, Waste Flammable Liquid, n.o.s. (Benzene), 3, PG II	2	DM	32	G	135	D001	D018
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Wear proper PPE while handling. Weights or volumes are approximate. 2X55DM
GHD is the Emergency Response Contractor
Job# 35009-10-59 RWR# 7218 profile# CH1093696 SO#1503643637

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: AIS on behalf of Generator - J Sherman
Signature: AIS
Month 11 Day 18 Year 15

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Eddie Lino
Signature:
Month 11 Day 18 Year 15
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) 35010 35009
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Sidney Burrow
Signature:
Month 11 Day 18 Year 15

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

APPENDIX C

HISTORIC WATER LEVEL SUMMARY TABLE

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1985 Apr	1985 May	1985 Jun	1985 Jul	1985 Aug	1985 Oct	1985 Nov	1986 Jan	1986 Aug	1987 Jan	1987 Feb	1987 Mar	1987 Nov	1988 Jan	1988 Mar	1988 Apr	1988 Jul	1988 Oct	1989 Jan	1989 Feb	1989 May	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Apr	1990 Aug	1990 Nov	1990 Dec	1991 Apr
Water Table	Boeing	AW0051UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0055UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0074UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	DAC-P1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW001A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW001B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Water Table	Boeing	WCC_12S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	GW-07A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Water Table	Del Amo	PZL0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Water Table	Del Amo	PZL0016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Water Table	Del Amo	PZL0020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1991 Oct	1991 Nov	1992 Jul	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Nov	1993 Dec	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan
Water Table	Boeing	AW0051UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0055UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0074UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	DAC-P1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Water Table	Boeing	MWB020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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Water Table	Boeing	WCC_09S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_12S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	GW-07A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.31	--	-21.58	--	--	-19.79	--	--	--
Water Table	Del Amo	MW-01HD	--	--	--	--	--	--	--	--	--	--	--	--	-17.03	-17.03	-16.90	-16.75	-16.61	-16.60	-16.59	--	--	--	-16.09	--	-16.06	--	--	-16.15	--	--	--
Water Table	Del Amo	MW-02HD	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.93	-14.85	-14.85	-14.92	--	-14.99	--	--	--	-14.87	--	-14.93	--	--	-15.10	--	--	--
Water Table	Del Amo	MW-03HD	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.06	-16.01	-15.90	-15.85	-15.73	--	-15.57	--	--	-15.41	--	-15.41	--	--	-15.54	--	--	--
Water Table	Del Amo	MW-04HD	--	--	--	--	--	--	--	--	--	--	--	--	-19.91	-19.82	-19.77	-19.62	-19.74	-19.61	-19.65	--	--	--	-19.24	--	-19.36	--	--	-19.57	--	--	--
Water Table	Del Amo	PZL0001	--	--	--	--	--	--	--	--	--	-21.60	-21.32	-21.55	--	-21.22	--	--	--	--	-20.62	--	--	--	-19.91	--	-20.05	--	--	-20.32	--	--	--
Water Table	Del Amo	PZL0006	--	--	--	--	--	--	--	--	--	-23.67	-19.31	-19.31	--	-19.11	--	--	--	--	--	-18.83	--	--	-17.81	--	-17.72	--	--	-17.94	--	--	--
Water Table	Del Amo	PZL0007	--	--	--	--	--	--	--	--	--	--	-20.06	-20.09	--	-19.86	--	--	--	--	-19.34	--	--	--	-18.60	--	-18.74	--	--	-18.96	--	--	-18.60
Water Table	Del Amo	PZL0009	--	--	--	--	--	--	--	--	--	--	-19.09	-19.00	--	-18.71	-18.68	-18.68	-18.45	-18.36	--	-18.18	-18.05	--	-17.66	--	-17.47	--	-17.54	-17.48	-17.36	-17.31	-17.44
Water Table	Del Amo	PZL0010	--	--	--	--	--	--	--	--	--	--	-19.00	-19.08	-18.97	-18.78	--	--	--	--	--	-18.34	--	--	-17.64	--	-17.76	--	--	-17.87	--	--	--
Water Table	Del Amo	PZL0011	--	--	--	--	--	--	--	--	--	--	-18.38	-18.35	--	-17.91	--	--	--	--	-17.54	--	--	--	-17.16	--	-17.16	--	--	-17.10	--	--	-17.08
Water Table	Del Amo	PZL0012	--	--	--	--	--	--	--	--	--	--	-20.27	-20.35	--	-20.10	--	--	--	--	-19.71	--	--	--	-19.49	--	-19.61	--	--	-18.70	--	--	-18.86
Water Table	Del Amo	PZL0013	--	--	--	--	--	--	--	--	--	--	-15.82	-15.78	-15.82	-15.77	--	--	-15.79	-15.81	-15.83	--	--	--	-29.01	--	-15.96	--	--	-16.04	--	--	-16.08
Water Table	Del Amo	PZL0014	--	--	--	--	--	--	--	--	--	--	-17.18	-17.18	--	-17.02	--	--	--	--	--	-16.47	--	--	-15.97	--	-16.04	--	--	-15.98	--	--	--
Water Table	Del Amo	PZL0016	--	--	--	--	--	--	--	--	--	--	--	-18.98	--	-18.94	--	--	--	--	-18.57	--	-18.42	--	-17.99	--	-17.91	--	--	-17.81	--	--	--
Water Table	Del Amo	PZL0018	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.16	--	--	--	--	--	-20.08	--	--	--	--	-19.44	--	--	-19.64	--	--	--
Water Table	Del Amo	PZL0019	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.54	--	--	--	--	-19.32	--	--	--	-18.71	--	-18.73	--	--	-18.64	--	--	--
Water Table	Del Amo	PZL0020	--	--	--	--	--	--	--	--	--	--	--	--	-17.34	-17.42	--	--	--	--	-17.70	--	--	--	-17.51	--	-17.42	--	--	-17.63	--	--	-17.73
Water Table	Del Amo	PZL0022	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.31	--	--	--	--	--	-18.88	--	--	--	-18.85	-18.95	--	--	-18.88	--	--	--
Water Table	Del Amo	PZL0024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.92	-18.70	--	--	-18.68	--	--	--	-18.33	--	-18.71	--	--	-18.27	--	--	--
Water Table	Del Amo	PZL0025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.11	-18.92	--	--	-19.37	--	--	--	-19.27	--	-19.24	--	--	-11.77	--	--	--
Water Table	Del Amo	PZL0026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.85	-13.93	--	-14.62	--	--	--	--	-14.58	--	--	-14.61	--	--	-14.87

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec	1996 Jan	1996 Feb	1996 May	1996 Jun	1996 Aug	1996 Sep	1996 Oct	1997 Jan	1998 Feb	1998 Mar	1999 Jan	1999 Feb	2000 Jun	2000 Jul	2000 Aug	2001 Jan	2002 Jan	2002 Sep	2002 Oct
Water Table	Boeing	AW0051UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0055UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0074UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	DAC-P1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW001A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW001B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IWB001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MW0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB029	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_03S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_04S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_05S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_07S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_09S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_12S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	GW-07A	--	-17.94	--	--	-18.11	--	--	--	-18.46	--	--	-17.86	--	-17.96	--	--	--	-17.97	-17.92	-16.76	--	-15.92	--	17.57	--	--	--	--	--	--
Water Table	Del Amo	MW-01HD	--	-15.78	--	--	-15.41	--	--	--	-15.36	--	--	-15.19	--	-15.04	--	--	--	-15.02	-15.97	-14.61	--	--	--	-13.72	--	--	--	--	--	--
Water Table	Del Amo	MW-02HD	--	-14.92	--	--	-14.40	--	--	--	-14.57	--	--	-14.52	--	-14.68	--	--	--	-14.58	-14.56	--	--	--	-13.55	--	--	--	--	--	--	--
Water Table	Del Amo	MW-03HD	--	-15.26	--	--	-14.68	--	--	--	-14.92	--	--	-14.78	--	-14.86	--	--	--	-14.76	-14.78	-14.24	--	--	-13.64	-13.54	--	--	--	--	--	--
Water Table	Del Amo	MW-04HD	--	-18.62	--	--	-17.83	--	--	--	-18.34	--	--	-18.68	--	-18.01	--	--	--	-17.81	-18.21	-17.44	--	--	-16.88	-16.81	--	--	--	--	--	--
Water Table	Del Amo	PZL0001	--	-19.19	--	--	-18.65	--	-18.91	--	-18.97	--	--	-18.41	--	-18.70	--	--	--	-18.73	-19.08	-18.43	--	-17.21	--	-17.12	--	--	--	--	--	--
Water Table	Del Amo	PZL0006	--	-17.06	--	--	-16.47	--	--	--	-16.82	--	--	-16.60	--	-16.37	--	--	--	-15.05	-15.96	-16.62	--	-14.52	--	-14.39	--	--	--	--	--	--
Water Table	Del Amo	PZL0007	-18.18	-17.98	--	--	-17.58	--	-17.50	--	-17.65	--	--	-17.10	--	-17.35	--	--	--	-17.44	-17.48	-16.78	--	-15.92	--	-15.96	--	--	--	--	--	--
Water Table	Del Amo	PZL0009	-17.15	-17.00	--	--	-16.42	--	--	--	-16.34	--	--	-15.95	--	-15.74	--	--	--	-15.25	-15.65	-14.87	--	-13.47	--	-13.77	--	--	--	--	--	--
Water Table	Del Amo	PZL0010	--	-16.95	--	--	-16.57	--	-16.50	--	-16.60	--	--	-16.30	--	-16.19	--	--	--	-16.07	-16.21	-15.23	--	-14.35	--	-14.52	--	--	--	--	--	--
Water Table	Del Amo	PZL0011	--	-16.88	--	--	-15.88	--	-16.13	--	-15.92	--	--	-15.83	--	-15.65	--	--	--	-15.60	-15.72	-15.23	--	-13.98	--	-14.29	--	--	--	--	--	--
Water Table	Del Amo	PZL0012	--	-18.47	--	--	-17.71	--	-17.91	--	-18.04	--	--	-15.53	-17.46	-17.56	--	--	--	-16.01	-17.84	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0013	--	-15.93	--	--	-15.44	--	-15.65	--	-15.48	--	--	-15.58	--	-15.46	--	--	--	-15.21	-15.32	-14.78	--	-13.88	--	-15.06	--	--	--	--	--	--
Water Table	Del Amo	PZL0014	--	-15.27	--	--	-14.90	--	--	--	-14.64	--	--	-14.33	--	-14.09	--	--	--	-13.92	-13.91	-12.57	--	-11.53	--	-11.89	--	--	--	--	--	--
Water Table	Del Amo	PZL0016	--	-17.46	--	--	-16.90	--	--	--	-16.79	--	--	-16.50	--	-16.15	--	--	--	-15.87	-15.89	-14.54	--	--	-13.96	-14.01	--	--	--	--	--	--
Water Table	Del Amo	PZL0018	--	-17.57	--	--	-17.31	--	--	--	-17.98	--	--	-17.84	--	-17.35	--	--	--	-19.76	-17.38	-15.72	--	-16.03	--	-16.16	--	--	--	--	--	--
Water Table	Del Amo	PZL0019	--	-18.16	--	--	-16.88	--	--	--	-16.78	--	--	-16.67	--	-16.17	--	--	--	-16.48	-16.26	-15.65	--	-14.19	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0020	--	-16.78	--	--	-15.16	--	--	--	-15.45	--	--	-15.27	--	-15.37	--	--	--	-15.69	-13.49	-14.70	--	-13.65	--	-14.47	--	--	--	--	--	--
Water Table	Del Amo	PZL0022	--	-19.25	--	--	-18.83	--	--	--	-18.73	--	--	-18.87	--	-18.78	--	--	--	-18.95	-18.87	-18.35	--	-17.01	--	-17.62	--	--	--	--	--	--
Water Table	Del Amo	PZL0024	--	-18.62	--	--	-10.44	-16.26	--	--	-16.13	--	--	-19.30	-16.28	-16.11	--	--	--	-16.38	-15.75	-14.28	--	-13.54	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0025	--	-18.03	--	--	-16.86	--	--	--	-17.11	--	--	-16.99	--	-17.12	--	--	--	-17.14	-16.86	-16.38	--	-14.93	--	-15.68	--	--	--	--	--	--
Water Table	Del Amo	PZL0026	-14.30	-14.57	--	--	-14.21	--	-14.11	--	-14.18	--	--	-14.16	--	-14.02	--	--	--	-14.09	-14.44	-13.64	--	-12.97	--	-12.93	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	2004 Jan	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2005 Feb	2005 Mar	2005 Jul	2005 Dec	2006 Sep	2006 Oct	2006 Dec	2011 Feb	2012 Feb	2012 Mar	2012 Nov	2014 Sep
Water Table	Boeing	AW0051UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.72
Water Table	Boeing	AW0055UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.58
Water Table	Boeing	AW0074UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.46
Water Table	Boeing	DAC-P1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-6.46
Water Table	Boeing	EWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.81
Water Table	Boeing	EWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.68
Water Table	Boeing	IRZMW001A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.28
Water Table	Boeing	IRZMW001B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.34
Water Table	Boeing	IRZMW004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.27
Water Table	Boeing	IRZMW005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.54
Water Table	Boeing	IWB001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.12
Water Table	Boeing	IWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.27
Water Table	Boeing	MW0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.64
Water Table	Boeing	MWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.94
Water Table	Boeing	MWB006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-6.45
Water Table	Boeing	MWB007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.09
Water Table	Boeing	MWB012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.40
Water Table	Boeing	MWB013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.31
Water Table	Boeing	MWB014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.99
Water Table	Boeing	MWB019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.87
Water Table	Boeing	MWB020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-6.41
Water Table	Boeing	MWB027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.40
Water Table	Boeing	MWB028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.91
Water Table	Boeing	MWB029	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.06
Water Table	Boeing	MWB030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.25
Water Table	Boeing	TMW_04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.35
Water Table	Boeing	TMW_06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.15
Water Table	Boeing	TMW_07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.02
Water Table	Boeing	TMW_08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.88
Water Table	Boeing	TMW_10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.89
Water Table	Boeing	TMW_11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.86
Water Table	Boeing	TMW_14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.15
Water Table	Boeing	TMW_15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.26
Water Table	Boeing	WCC_03S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.33
Water Table	Boeing	WCC_04S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.76
Water Table	Boeing	WCC_05S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.42
Water Table	Boeing	WCC_07S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.33
Water Table	Boeing	WCC_09S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.72
Water Table	Boeing	WCC_12S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.02
Water Table	Del Amo	GW-07A	-15.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.69	--	--	-8.94	--	--	-9.38
Water Table	Del Amo	MW-01HD	-13.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.48	--	--	-8.83	--	--	-8.98
Water Table	Del Amo	MW-02HD	-13.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.30	--	--	-8.80	--	--	-8.95
Water Table	Del Amo	MW-03HD	-13.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.21	--	--	-8.86	--	--	-9.27
Water Table	Del Amo	MW-04HD	-15.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.09	--	--	-9.77	--	--	-10.05
Water Table	Del Amo	PZL0001	-16.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.36	--	--	-10.04	--	--	-10.48
Water Table	Del Amo	PZL0006	-13.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.40	--	--	-8.59	--	--	-9.37
Water Table	Del Amo	PZL0007	-14.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.96	--	--	-9.39	--	--	-9.58
Water Table	Del Amo	PZL0009	-13.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.11	--	--	-8.07	--	--	-9.16
Water Table	Del Amo	PZL0010	-13.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.60	--	--	-8.91	--	--	-9.67
Water Table	Del Amo	PZL0011	-13.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.78	--	--	-7.29	--	--	-9.26
Water Table	Del Amo	PZL0012	-13.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.31	--	--	-8.50	--	--	-8.53
Water Table	Del Amo	PZL0013	-13.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.63	--	--	-8.77	--	--	-8.97
Water Table	Del Amo	PZL0014	-11.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.77	--	--	-7.74	--	--	-8.86
Water Table	Del Amo	PZL0016	-13.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.49	--	--	-8.88	--	--	-9.51
Water Table	Del Amo	PZL0018	-15.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.24	--	--	-8.88	--	--	-9.92
Water Table	Del Amo	PZL0019	-12.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.10	--	--	-8.55	--	--	-8.58
Water Table	Del Amo	PZL0020	-13.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.88	--	--	-8.75	--	--	-9.66
Water Table	Del Amo	PZL0022	-14.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.93	--	--	-8.78	--	--	-9.76
Water Table	Del Amo	PZL0024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.47	--	--	-9.49
Water Table	Del Amo	PZL0025	-14.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.64	--	--	-9.00	--	--	-8.40
Water Table	Del Amo	PZL0026	-12.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.47	--	--	-8.33	--	--	-8.49

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1985 Apr	1985 May	1985 Jun	1985 Jul	1985 Aug	1985 Oct	1985 Nov	1986 Jan	1986 Aug	1987 Jan	1987 Feb	1987 Mar	1987 Nov	1988 Jan	1988 Mar	1988 Apr	1988 Jul	1988 Oct	1989 Jan	1989 Feb	1989 May	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Apr	1990 Aug	1990 Nov	1990 Dec	1991 Apr
Water Table	Del Amo	SWL0002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0038	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0042	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0044	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0046	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0049	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0051	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0057	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0059	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0068	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	XP-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	XP-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MBFB-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MBFB-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-01	-26.74	-26.73	-27.26	-27.65	-26.36	-26.28	-26.24	-26.08	-25.54	-25.28	-25.17	-25.09	-24.53	-24.51	--	-24.14	-23.83	-23.55	-23.24	-23.24	-22.92	-22.37	-22.29	--	--	-21.98	-21.78	-21.47	-21.24	--	-20.91
Water Table	Montrose	MW-02	-26.19	-26.03	-25.81	-25.98	-25.63	-25.50	-25.52	-25.36	-24.83	-24.69	-24.56	-24.43	-24.02	-23.91	-23.69	-23.67	-23.30	-23.11	--	-22.65	-22.31	-21.63	--	--	--	-21.31	-21.19	-21.01	-20.76	--	-20.43
Water Table	Montrose	MW-03	-26.14	-24.44	--	-26.76	-25.83	-25.68	-25.74	-25.66	-25.03	-24.91	-24.69	-24.32	-23.72	-23.58	--	-23.07	-22.73	-22.60	-22.08	-22.15	-21.66	-21.22	-21.11	--	--	-20.82	-20.52	-20.43	-20.23	--	-20.11
Water Table	Montrose	MW-04	-25.97	-25.92	-26.17	-26.09	-25.59	-25.61	-25.62	-25.47	-24.97	-24.67	-24.43	-24.28	-23.75	-23.65	--	-23.22	-22.89	-22.68	-22.25	-22.31	-21.93	-21.42	-21.33	--	--	-21.01	-20.84	-20.59	-20.44	--	-20.19
Water Table	Montrose	MW-05	-26.45	-25.84	--	-26.34	-26.03	-25.92	-25.92	-25.68	-25.04	-24.85	-24.70	-24.54	-24.04	-24.09	--	-23.51	-23.23	-22.93	-22.55	-22.55	-22.25	-21.71	-21.63	--	--	-21.33	-21.06	-20.84	-20.57	--	-20.33
Water Table	Montrose	MW-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.70	-22.79	-22.30	-21.93	-21.79	--	--	-21.50	-21.19	-21.06	-20.97	--	-20.43
Water Table	Montrose	MW-07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.32	-22.57	-21.96	-21.24	-21.04	--	--	-20.64	-20.46	-20.39	-20.46	--	-20.13
Water Table	Montrose	MW-08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.71	-21.16	-21.00	--	--	-20.59	-20.45	-20.17	-19.93	--	-19.69
Water Table	Montrose	MW-09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.91	-21.53	-21.32	--	--	-20.94	-20.79	-20.58	-20.30	--	-20.08
Water Table	Montrose	MW-10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.14	-22.27	-21.88	-21.41	-21.30	--	--	-20.98	-20.79	-20.54	-20.32	--	-20.12
Water Table	Montrose	MW-11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.97	-23.04	-22.62	-22.02	-21.92	--	--	-21.59	-21.37	-21.12	-20.89	--	-20.71
Water Table	Montrose	MW-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.07	-23.12	-22.70	-22.25	-22.13	--	--	-21.79	-21.51	-21.34	-21.11	--	-20.91
Water Table	Montrose	MW-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.34	-23.43	-22.98	-22.50	-22.39	--	--	-22.04	-21.83	-21.54	-21.44	--	-21.16
Water Table	Montrose	MW-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.48	-23.55	-23.14	-22.61	-22.52	--	--	-22.13	-21.96	-21.63	-21.55	--	-21.19
Water Table	Montrose	MW-16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.60	-21.35	-21.08	--	-20.75
Water Table	Montrose	MW-17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.55	-20.41	-20.27	--	-20.07
Water Table	Montrose	MW-19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.22	-20.12	-19.84	--	-19.65
Water Table	Montrose	MW-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.34	-21.13	-21.01	--	-20.82
Water Table	Montrose	MW-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.87	-21.66	-21.45	--	-21.22
Water Table	Montrose	MW-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.66	-23.44	--	-23.22	-23.08	-22.87	-22.72	-22.43	--	-22.19
Water Table	Montrose	MW-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.97	-22.81	--	--	-22.35	-22.17	-22.16	-21.63	--	-21.51
Water Table	Montrose	MW-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-24.23	-23.96	--	--	-23.76	-23.33	-23.24	-20.24	--	-22.84
Water Table	Montrose	MW-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.79	-22.72	--	--	-22.36	-22.18	-21.92	-21.67	--	-21.38
Water Table	Montrose	MW-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBA-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1991 Oct	1991 Nov	1992 Jul	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Nov	1993 Dec	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan
Water Table	Del Amo	SWL0002	--	--	--	--	-20.73	-20.60	-20.69	-20.38	-21.51	-20.09	-19.85	-19.88	-19.61	-19.61	-19.50	-19.52	-19.50	-19.12	--	-19.23	-19.07	--	-18.59	-18.55	-18.43	-18.43	-18.48	-18.43	-18.36	-18.28	-18.53
Water Table	Del Amo	SWL0003	--	--	--	--	-20.63	-20.47	-20.57	-20.26	-19.18	-19.96	-19.86	-19.76	--	-19.52	-19.39	-19.33	-19.35	-18.94	--	-19.03	-18.95	--	-18.41	--	-18.97	-18.35	--	-18.33	-18.21	-18.14	-18.29
Water Table	Del Amo	SWL0004	--	--	--	--	-20.92	-20.71	-20.80	-20.47	-20.49	-20.14	-19.98	-19.94	-19.71	-19.72	-19.59	-19.61	-19.57	-19.17	--	-19.24	-18.72	-19.28	-18.60	-18.57	-18.47	-18.47	-18.52	-18.51	-18.38	-18.33	-18.52
Water Table	Del Amo	SWL0005	--	--	--	--	--	--	--	--	-20.25	-19.75	-19.07	-19.23	--	-18.89	--	--	--	--	--	-18.80	--	--	-18.11	-18.09	-18.13	--	--	-18.51	--	-12.86	--
Water Table	Del Amo	SWL0006	--	--	--	--	--	--	--	--	-22.13	-21.86	-21.56	-21.61	--	-21.14	--	--	--	--	--	-20.68	--	--	-20.06	--	-20.04	--	--	-19.81	--	--	--
Water Table	Del Amo	SWL0007	--	--	--	--	--	--	--	--	--	--	-18.22	-17.96	--	-17.77	--	--	--	--	--	-17.29	--	--	-16.72	--	-16.65	--	--	-16.64	--	--	--
Water Table	Del Amo	SWL0008	--	--	--	--	--	--	--	--	--	--	-16.93	-17.01	--	-17.14	--	--	--	--	--	-17.50	--	--	-17.37	--	-17.42	--	--	-17.42	--	--	-17.57
Water Table	Del Amo	SWL0009	--	--	--	--	--	--	--	--	--	--	--	--	-16.18	-16.07	--	--	--	--	-15.95	--	--	--	-15.28	--	-15.34	--	--	-15.44	--	--	--
Water Table	Del Amo	SWL0015	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.69	-21.85	--	--	--	--	-21.33	--	--	-20.55	--	-20.76	--	--	-20.89	--	--	--
Water Table	Del Amo	SWL0016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.24	-19.20	--	--	--	-19.15	-18.94	--	-18.42	--	-18.28	--	--	-18.50	--	--	--
Water Table	Del Amo	SWL0017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.85	-18.64	--	--	--	-18.36	--	--	-17.71	--	-17.75	--	--	-17.75	--	--	--
Water Table	Del Amo	SWL0021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.56	--	--	--	-21.05	--	--	-20.39	--	-20.34	--	--	-20.61	--	--	--
Water Table	Del Amo	SWL0024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-17.22	--	--	-21.28	--	--	--	-19.77	--	-19.86	--	--	-20.11	--	-19.73	--
Water Table	Del Amo	SWL0028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.37	--	-18.17	--	--	--	-17.77	--	-17.86	--	--	-18.01	--	--	--
Water Table	Del Amo	SWL0038	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.79	--	-15.53	--	-15.69	--	--	-15.72	--	--	--
Water Table	Del Amo	SWL0042	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.47	--	--	-21.72	--	--	--
Water Table	Del Amo	SWL0044	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0046	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0049	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0051	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0057	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0059	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0068	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	XP-02	--	--	--	--	--	--	--	--	-18.92	-19.74	-19.96	-20.18	--	-20.27	--	--	--	--	--	-20.19	--	--	-19.34	--	-19.43	--	--	-19.64	--	--	--
Water Table	Del Amo	XP-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MBFB-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MBFB-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-01	-20.77	-20.90	-20.89	--	--	--	--	-21.09	--	--	--	--	--	--	--	--	--	--	--	-20.24	--	--	-19.82	--	-19.75	--	--	-19.49	--	--	--
Water Table	Montrose	MW-02	--	--	-20.77	--	--	--	--	-19.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-03	--	--	-21.11	--	--	--	--	-21.19	--	--	--	--	--	--	--	--	--	--	--	-19.39	--	--	--	--	--	--	--	-19.10	--	--	--
Water Table	Montrose	MW-04	-20.44	-20.59	-20.78	--	--	--	--	-20.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.99	--	-18.89	--	--	-18.79	--	--	--
Water Table	Montrose	MW-05	-20.34	-20.53	-20.52	--	--	--	--	-20.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.08	--	-18.98	--	--	-18.77	--	--	--
Water Table	Montrose	MW-06	-20.72	-20.81	-20.97	--	--	--	--	-21.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.65	--	-19.56	--	--	-19.40	--	--	--
Water Table	Montrose	MW-07	-20.53	-20.72	-21.05	--	--	--	--	-21.41	--	--	--	--	--	--	--	--	--	--	--	-20.48	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-08	-19.82	-20.01	-20.16	--	--	--	--	-20.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-09	-20.26	-20.42	-20.46	--	--	--	--	-19.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.04	--	-18.87	--	--	-18.77	--	--	--
Water Table	Montrose	MW-10	-20.32	-20.41	-20.43	--	--	--	--	-20.55	--	-20.37	-20.25	-20.13	--	-19.82	--	--	--	--	--	-19.51	--	--	-18.90	--	-18.91	--	--	-18.76	--	--	--
Water Table	Montrose	MW-11	-20.73	-20.82	-20.76	--	--	--	--	-21.04	--	-20.75	--	-20.47	--	--	--	--	--	--	--	-19.87	--	--	-19.47	--	-19.33	--	--	-19.32	--	--	--
Water Table	Montrose	MW-12	-21.03	-21.19	-21.08	--	--	--	--	-21.20	-20.68	-20.81	-20.50	-20.39	--	--	--	--	--	--	--	--	--	--	-19.25	--	-19.20	--	--	-19.52	--	--	--
Water Table	Montrose	MW-13	-21.21	-21.36	-21.32	--	--	--	--	-21.57	-21.39	-21.25	-21.12	-20.98	--	-20.77	--	--	--	--	-20.36	--	--	--	-19.74	--	-19.79	--	--	-19.62	--	--	--
Water Table	Montrose	MW-14	-21.12	-21.24	-21.23	--	--	--	--	-21.43	--	--	-21.40	-20.94	--	-20.73	--	--	--	--	-20.33	--	--	--	-19.80	--	-19.71	--	--	-19.70	--	-19.63	--
Water Table	Montrose	MW-16	-20.86	-21.00	-21.30	--	--	--	--	-21.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.98	--	--	--	--	-19.96	--	--	--
Water Table	Montrose	MW-17	-20.50	-20.66	-21.04	--	--	--	--	-21.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-19	-19.87	-20.02	-20.06	--	--	--	--	-20.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.45	--	-18.34	--	--	-18.14	--	--	--
Water Table	Montrose	MW-21	-20.98	-21.16	-20.95	-21.16	--	-21.86	-21.36	-20.98	--	-20.58	-20.39	-20.32	--	-20.07	--	--	--	--	--	-13.89	--	--	-22.89	--	-18.62	--	--	-18.84	--	--	--
Water Table	Montrose	MW-22	-21.32	-21.45	-21.67	--	--	--	--	-21.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.16	--	-19.99	--	--	-20.02	--	--	--
Water Table	Montrose	MW-23	-22.53	-22.69	-22.63	--	--	--	--	-22.49	-22.53	--	-22.68	-21.79	--	-21.44	--	--	--	-20.27	-20.76	--	--	--	-20.28	--	-20.19	--	--	-20.25	--	--	--
Water Table	Montrose	MW-24	-21.75	-22.08	-21.80	--	--	--	--	-21.96	--	-21.34	-21.78	-20.99	--	-20.51	--	--	--	-20.16	--	-20.19	--	--	-19.80	--	-19.83	--	--	-19.81	--	--	--
Water Table	Montrose	MW-25	-23.20	-23.34	-23.31	--	--	--	--	-23.10	--	-22.80	--	-22.63	--	--	--	--	--	--	--	-21.72	--	--	-20.98	--	-21.03	--	--	-21.04	--	--	--
Water Table	Montrose	MW-26	-21.31	-21.43	-21.55	--	--	--	--	-21.73	--	-21.54	-21.49	-21.37	--	-21.06	--	--	--	--	--	--	--	--	-20.16	--	-20.09	--	--	-19.95	--	--	--
Water Table	Montrose	MW-27	-20.44	-20.65	-20.56	--	--	--	-20.87	-20.72	-20.30	-20.28	-20.15	-20.08	--	--	--	--	--	--	--	-19.43	--	--	-18.68	--	-18.70	--	--	-18.65	--	--	--
Water Table	Montrose	MW-28	--	-21.26	-21.15	--	--	-22.07	-21.71	-21.20	-21.12	-21.02	-20.81	-20.74	--	-20.46	--	--	--	--	--	-19.95	--	--	-19.29	--	-19.17	--	--	-19.33	--	--	--
Water Table	Montrose	MW-29	-21.85	-22.02	-21.90	--	--	--	--	-21.85	-21.54	-21.57	-21.28	-21.25	--	-20.95	--	--	--	--	--	-20.47	--	--	-19.73	--	-19.79	--	--	-19.76	--	--	--
Water Table	Montrose	MW-30	-21.65	-21.80	-21.78	--	--	--	--	-21.82	--	-22.08	-21.51	-21.37	--	-20.96	--	--	--	--	-20.55	--	--	--	-19.89	--	-19.89	--	--	-19.83	--	--	--
Water Table	Montrose	MW-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBA-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-01	-20.78	-20.91	-21.08	--	--	--	--	-21.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec	1996 Jan	1996 Feb	1996 May	1996 Jun	1996 Aug	1996 Sep	1996 Oct	1997 Jan	1998 Feb	1998 Mar	1999 Jan	1999 Feb	2000 Jun	2000 Jul	2000 Aug	2001 Jan	2002 Jan	2002 Sep	2002 Oct
Water Table	Del Amo	SWL0002	-18.11	-18.07	--	--	-17.44	--	-17.41	-17.32	-17.31	--	--	-17.06	-17.04	--	--	-16.56	-16.52	-16.56	-16.63	-15.78	--	-14.75	--	-14.52	--	--	--	--	--	--
Water Table	Del Amo	SWL0003	--	-17.91	--	--	-17.25	--	-17.27	--	-17.14	--	--	-9.50	-16.90	--	--	-16.61	-16.81	-16.48	-16.69	-15.53	--	-14.50	--	-14.58	--	--	--	--	--	--
Water Table	Del Amo	SWL0004	-18.11	-18.12	-17.62	--	-17.57	-17.52	-17.43	-17.35	-17.45	-17.37	--	-17.07	-17.07	--	--	-16.78	-16.80	-16.91	-17.18	-15.87	--	-15.02	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0005	--	-16.80	--	--	-16.16	--	--	--	-16.61	--	--	-16.37	--	-16.64	--	--	--	-16.65	-16.44	-13.88	--	-14.96	--	-19.81	--	-15.33	--	--	--	--
Water Table	Del Amo	SWL0006	--	-19.15	--	--	-18.62	--	--	--	-18.73	--	--	-18.38	--	-18.22	--	--	--	-18.20	-18.39	-17.61	--	--	-16.93	-16.93	--	--	--	--	--	--
Water Table	Del Amo	SWL0007	--	-16.29	--	--	-15.87	--	--	--	-15.49	--	--	-15.27	--	-14.93	--	--	--	-14.62	-14.61	-13.56	--	-12.51	--	-12.75	--	--	--	--	--	--
Water Table	Del Amo	SWL0008	-16.03	-15.86	--	--	-15.06	--	--	--	-15.18	--	--	-15.40	--	-15.16	--	--	--	-15.57	-15.74	-14.60	--	-13.60	--	-14.32	--	--	--	--	--	--
Water Table	Del Amo	SWL0009	--	-12.87	--	--	-12.38	--	-12.54	--	-12.89	--	--	-12.91	--	-12.69	--	--	--	-12.94	-12.23	-10.67	--	-9.68	--	-9.19	--	--	--	--	--	--
Water Table	Del Amo	SWL0015	--	-19.93	--	--	-19.19	--	--	--	-19.46	--	--	-18.75	--	-19.61	--	--	--	-19.09	-19.54	-18.96	--	-17.89	--	-17.91	--	--	--	--	--	--
Water Table	Del Amo	SWL0016	--	-17.27	--	--	-16.83	--	--	--	-17.26	--	--	-18.93	-16.82	-15.38	--	--	--	-16.72	-16.86	-16.08	--	-14.88	--	-15.15	--	--	--	--	--	--
Water Table	Del Amo	SWL0017	--	-17.01	--	--	-16.55	--	--	--	-16.64	--	--	-16.27	--	-16.13	--	--	--	-15.88	-16.20	-15.31	--	--	--	-14.45	--	--	--	--	--	--
Water Table	Del Amo	SWL0021	--	-19.55	--	--	-19.00	--	--	--	-19.24	--	--	-18.61	--	-18.82	--	--	--	-17.53	-19.39	-16.77	--	-17.73	--	--	-16.80	--	--	--	--	--
Water Table	Del Amo	SWL0024	--	-19.04	--	--	-18.49	--	--	--	-18.85	--	--	-18.22	--	-19.74	--	--	--	-18.65	-18.89	-16.43	--	-16.34	--	-16.41	--	--	--	--	--	--
Water Table	Del Amo	SWL0028	--	-17.17	--	--	-16.00	--	--	--	-15.82	--	--	-15.84	--	-15.63	--	--	--	-15.79	-15.79	-15.52	--	-13.28	--	-13.43	--	--	--	--	--	--
Water Table	Del Amo	SWL0038	--	-15.20	--	--	-14.77	--	--	--	-14.49	--	--	-14.18	--	-13.99	--	--	--	-13.79	-13.84	-12.55	--	-11.58	--	-11.98	--	--	--	--	--	--
Water Table	Del Amo	SWL0042	--	-20.83	--	--	-19.99	--	--	--	-20.43	--	--	-19.59	--	-19.99	--	--	--	-19.94	-20.23	-19.99	--	-18.45	--	--	-18.65	--	--	--	--	--
Water Table	Del Amo	SWL0044	--	--	--	--	-16.81	--	--	--	-17.26	--	--	-17.08	--	-16.62	--	--	--	-17.13	-16.40	-15.13	--	-15.21	--	-15.39	--	--	--	--	--	--
Water Table	Del Amo	SWL0046	--	--	--	--	--	--	--	--	-17.47	--	--	-17.08	--	-17.08	--	--	--	-16.29	-16.72	-16.44	--	-15.42	--	-15.62	--	--	--	--	--	--
Water Table	Del Amo	SWL0049	--	--	--	--	--	--	--	--	-18.85	--	--	-18.52	--	-18.21	--	--	--	-17.95	-18.13	-17.14	--	-16.26	--	-16.16	--	--	--	--	--	--
Water Table	Del Amo	SWL0051	--	--	--	--	--	--	--	--	-14.87	--	--	-16.76	-16.10	-15.20	--	--	--	-15.30	-15.66	-15.38	--	-13.72	--	-18.75	-14.40	--	--	--	--	--
Water Table	Del Amo	SWL0057	--	--	--	--	--	--	--	--	--	-14.36	--	-14.28	--	-14.52	--	--	--	-14.56	-14.41	-14.08	--	-12.61	--	-13.34	--	--	--	--	--	--
Water Table	Del Amo	SWL0059	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0068	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	XP-02	--	-17.50	--	--	-17.96	--	--	--	-18.08	--	--	-17.74	--	-17.47	--	--	--	--	-17.09	-15.41	--	-15.85	--	-16.05	--	--	--	--	--	--
Water Table	Del Amo	XP-03	--	-19.20	--	--	-19.29	--	--	--	-19.25	--	--	-18.53	--	-18.89	--	--	--	-18.98	-18.78	-18.33	--	-17.56	--	-17.67	--	--	--	--	--	--
Water Table	Montrose	MBFB-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MBFB-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-01	--	-19.27	--	--	-18.76	--	--	--	-18.41	--	--	-18.27	--	-17.87	--	--	--	-17.67	-17.53	-22.51	--	-15.56	--	-15.42	--	--	--	--	-15.10	--
Water Table	Montrose	MW-02	--	--	--	--	--	--	--	--	-17.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.98	--
Water Table	Montrose	MW-03	--	--	--	--	--	--	--	--	-18.41	--	--	-17.74	--	-17.34	--	--	--	-17.01	-17.14	-16.00	--	-15.12	--	-15.41	--	--	--	--	-15.14	--
Water Table	Montrose	MW-04	--	-18.64	--	--	-18.14	--	--	--	-18.22	--	--	-17.47	--	-17.06	--	--	--	-16.78	-16.74	-15.81	--	-14.95	--	-14.91	--	--	--	--	-15.00	--
Water Table	Montrose	MW-05	--	-18.58	--	--	-18.06	--	--	--	-17.99	--	--	-17.57	--	-17.16	--	--	--	-16.88	-16.89	-15.93	--	-14.97	--	-14.87	--	--	--	--	-14.82	--
Water Table	Montrose	MW-06	--	-19.12	--	--	-18.77	--	--	--	-18.64	--	--	-18.03	--	-17.74	--	--	--	-17.46	-17.12	-16.59	--	-15.52	--	--	--	--	--	--	-15.13	--
Water Table	Montrose	MW-07	--	--	--	--	--	--	--	--	-18.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.48	--
Water Table	Montrose	MW-08	--	--	--	--	--	--	--	--	-18.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-09	--	-18.45	--	--	-18.15	--	--	--	-18.01	--	--	-17.56	--	-17.06	--	--	--	-16.77	-16.89	--	--	--	--	-19.73	--	--	--	--	--	--
Water Table	Montrose	MW-10	--	-18.45	--	--	-18.02	--	--	--	-17.73	--	--	-17.48	--	-17.02	--	--	--	-16.85	-16.87	-15.88	--	-14.86	--	-14.81	--	--	--	--	-14.60	--
Water Table	Montrose	MW-11	--	-19.06	--	--	-18.53	--	--	--	-18.19	--	--	-18.05	--	-17.57	--	--	--	-17.42	-17.31	-16.52	--	-15.48	--	-15.35	--	--	--	--	-15.00	--
Water Table	Montrose	MW-12	--	-19.11	--	--	-18.52	--	--	--	-18.21	--	--	-18.18	--	-17.69	--	--	--	-17.64	-17.44	-16.68	--	-15.65	--	-15.65	--	--	--	--	-15.24	--
Water Table	Montrose	MW-13	--	-19.28	--	--	-18.57	--	--	--	-18.47	--	--	-18.17	--	-17.80	--	--	--	-17.77	-17.83	-16.69	--	-15.93	--	-15.85	--	--	--	--	--	-15.56
Water Table	Montrose	MW-14	--	-19.42	--	--	-18.86	--	--	--	-18.55	--	--	-18.36	--	-18.04	--	--	--	-17.92	-17.94	-16.85	--	-15.51	--	-15.79	--	--	--	--	-15.36	--
Water Table	Montrose	MW-16	--	-19.66	--	--	--	--	--	--	-19.03	--	--	-18.71	--	-18.26	--	--	--	-17.91	-17.72	-17.01	--	-16.18	--	--	--	--	--	--	-15.47	--
Water Table	Montrose	MW-17	--	--	--	--	--	--	--	--	-18.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.09	--
Water Table	Montrose	MW-19	--	-17.94	--	--	-17.59	--	--	--	-17.46	--	--	-17.02	--	-16.49	--	--	--	-16.26	-16.42	-15.30	--	-14.24	--	--	--	--	--	--	-14.27	--
Water Table	Montrose	MW-21	--	-18.29	--	--	-18.37	--	--	--	-17.97	--	--	-17.48	--	-17.19	--	--	--	-17.15	-17.14	-16.19	--	-15.36	--	-15.51	--	--	--	--	-15.26	--
Water Table	Montrose	MW-22	--	-19.75	--	--	-19.20	--	--	--	-19.05	--	--	-18.49	--	-18.30	--	--	--	-17.97	-17.99	-17.18	--	-16.21	--	--	--	--	--	--	-15.66	--
Water Table	Montrose	MW-23	--	-19.49	--	--	-18.67	--	--	--	-18.74	--	--	-18.42	--	-18.32	--	--	--	-18.25	-18.37	-17.72	--	--	--	--	--	--	--	--	-16.21	--
Water Table	Montrose	MW-24	--	-19.12	--	--	-18.35	--	--	--	-18.44	--	--	-18.21	--	-18.12	--	--	--	-18.05	-18.22	-17.36	--	-16.07	--	-16.53	--	--	--	--	-15.98	--
Water Table	Montrose	MW-25	--	-20.38	--	--	-19.77	--	--	--	-19.94	--	--	-19.40	--	-19.34	--	--	--	-18.82	-19.04	-18.70	--	-17.87	--	-22.36	--	--	--	-17.53	-17.12	--
Water Table	Montrose	MW-26	--	-19.74	--	--	-19.17	--	--	--	-18.87	--	--	-18.52	--	-18.24	--	--	--	-18.01	-17.97	-17.20	--	-16.01	--	--	-16.06	--	--	--	-15.61	--
Water Table	Montrose	MW-27	--	-18.27	--	--	-17.90	--	--	--	-17.42	--	--	-17.42	--	-16.96	--	--	--	-16.93	-16.56	-15.92	--	-14.98	--	-15.01	--	--	--	--	-14.47	--
Water Table	Montrose	MW-28	--	-18.67	--	--	-18.61	--	--	--	-18.04	--	--	-16.11	-17.98	-17.57	--	--	--	-17.43	-17.52	-16.67	--	--	-15.79	-15.72	--	--	--	--	-15.33	--
Water Table	Montrose	MW-29	--	-19.12	--	--	-18.56	--	--	--	-18.71	--	--	-18.29	--	-17.92	--	--	--	-17.95	-17.75	-16.98	--	-16.03	--	-15.73	--	--	--	--	-14.95	--
Water Table	Montrose	MW-30	--	-19.25	--	--	-18.28	--	--	--	-18.31	--	--	-18.07	--	-18.03	--	--	--	-17.78	-18.01	-17.10	--	-16.00	--	--	-16.26	--	--	--	-15.57	--
Water Table	Montrose	MW-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBA-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-01	--	--	--	--	--	--	--	--	-18.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.26	--
Water Table	Montrose	UBE-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	2004 Jan	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2005 Feb	2005 Mar	2005 Jul	2005 Dec	2006 Sep	2006 Oct	2006 Dec	2011 Feb	2012 Feb	2012 Mar	2012 Nov	2014 Sep
Water Table	Del Amo	SWL0002	-14.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.03	--	--	-9.06	--	--	--
Water Table	Del Amo	SWL0003	-14.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.79	--	--	-9.04	--	--	--
Water Table	Del Amo	SWL0004	-14.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.06	--	--	-9.14	--	--	--
Water Table	Del Amo	SWL0005	-15.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.34	--	--	-9.16	--	--	-9.59
Water Table	Del Amo	SWL0006	--	-15.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.21	--	--	-9.99	--	--	-10.58
Water Table	Del Amo	SWL0007	-12.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.83	--	--	-8.13	--	--	-8.92
Water Table	Del Amo	SWL0008	-13.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.86	--	--	-8.75	--	--	-9.70
Water Table	Del Amo	SWL0009	-10.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.96	--	--	-6.88	--	--	-7.42
Water Table	Del Amo	SWL0015	-16.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.52	--	--	-10.43	--	--	-10.84
Water Table	Del Amo	SWL0016	-14.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.99	--	--	-8.44	--	--	-9.57
Water Table	Del Amo	SWL0017	-13.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.46	--	--	-8.75	--	--	-9.50
Water Table	Del Amo	SWL0021	-16.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.50	--	--	-10.38	--	--	-10.67
Water Table	Del Amo	SWL0024	-14.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.77	--	--	-9.75	--	--	-10.23
Water Table	Del Amo	SWL0028	-13.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.75	--	--	-10.56	--	--	-9.28
Water Table	Del Amo	SWL0038	-11.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.12	--	--	-7.77	--	--	-8.56
Water Table	Del Amo	SWL0042	-17.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.18	--	--	-10.78	--	--	-11.25
Water Table	Del Amo	SWL0044	-15.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.68	--	--	-8.49	--	--	-9.39
Water Table	Del Amo	SWL0046	-14.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.65	--	--	-7.10	--	--	-7.69
Water Table	Del Amo	SWL0049	-15.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.36	--	--	-9.75	--	-10.45	-10.50
Water Table	Del Amo	SWL0051	-14.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.94	--	--	-8.63	--	--	-9.66
Water Table	Del Amo	SWL0057	-12.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.06	--	--	-7.91	--	--	-9.14
Water Table	Del Amo	SWL0059	--	--	--	--	--	--	--	-13.07	--	--	--	--	--	--	--	--	-10.36	--	--	-8.69	--	--	-9.60
Water Table	Del Amo	SWL0068	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-5.59	--	--	-5.78
Water Table	Del Amo	XP-02	-15.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.80	--	--	-9.63	--	--	-11.26
Water Table	Del Amo	XP-03	-16.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.83	--	--	-10.83	--	--	--
Water Table	Montrose	MBFB-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.59	--	--	-10.41	--	--	-10.45
Water Table	Montrose	MBFB-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.62	--	--	-9.47	--	--	-9.39
Water Table	Montrose	MW-01	-14.81	-14.87	--	--	--	--	--	--	--	--	--	--	-14.20	--	--	--	-11.95	--	--	-9.33	--	--	-10.28
Water Table	Montrose	MW-02	-13.68	-13.76	--	--	--	--	--	--	--	--	--	--	-14.49	--	--	--	-12.19	--	--	-9.52	--	--	-10.29
Water Table	Montrose	MW-03	-14.76	-14.91	--	--	--	--	--	--	--	--	--	--	-14.48	--	--	--	-11.95	--	--	-9.69	--	--	-10.39
Water Table	Montrose	MW-04	-14.59	--	--	-14.61	-14.55	-14.58	--	-14.56	--	--	--	--	-14.17	--	--	--	-11.80	--	--	-9.53	--	--	-10.31
Water Table	Montrose	MW-05	-14.61	-14.59	--	--	--	--	--	--	--	--	--	--	-13.92	--	--	--	-11.63	--	--	-9.35	--	--	-10.29
Water Table	Montrose	MW-06	-14.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.16	--	--	-9.52	--	--	-10.26
Water Table	Montrose	MW-07	-14.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.52	--	--	-9.80	--	--	-10.06
Water Table	Montrose	MW-08	-14.29	--	--	-13.91	-14.05	-14.25	--	-14.21	--	--	--	--	--	--	--	--	-11.81	--	--	-9.31	--	--	-9.82
Water Table	Montrose	MW-09	-14.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.39	--	--	-9.19	--	--	-10.28
Water Table	Montrose	MW-10	-14.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.46	--	--	-9.21	--	--	-10.23
Water Table	Montrose	MW-11	-14.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.77	--	--	-9.38	--	--	-10.29
Water Table	Montrose	MW-12	-14.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.90	--	--	-9.43	--	--	-10.29
Water Table	Montrose	MW-13	-15.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.03	--	--	-9.66	--	--	-10.48
Water Table	Montrose	MW-14	-15.04	--	-14.87	--	-14.93	-15.08	--	-14.95	--	--	--	--	-13.86	--	--	--	-12.18	--	--	-9.69	--	--	-10.29
Water Table	Montrose	MW-16	-15.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.44	--	--	-9.71	--	--	-10.08
Water Table	Montrose	MW-17	-14.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.12	--	--	-9.67	--	--	-9.92
Water Table	Montrose	MW-19	-14.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.07	--	--	-10.11
Water Table	Montrose	MW-21	-15.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.55	--	--	-9.53	--	--	-10.26
Water Table	Montrose	MW-22	-15.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.35	--	--	-9.83	--	--	-10.31
Water Table	Montrose	MW-23	-15.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.77	--	--	-9.67	--	--	-10.46
Water Table	Montrose	MW-24	-15.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.14	--	--	-9.85	--	--	-10.60
Water Table	Montrose	MW-25	-16.68	--	--	--	--	--	--	--	--	--	--	--	-15.41	--	--	--	-12.93	--	--	-10.70	--	--	-11.07
Water Table	Montrose	MW-26	-15.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.18	--	--	-9.64	--	-10.33	-10.21
Water Table	Montrose	MW-27	-14.45	--	--	--	--	--	--	--	--	--	--	--	-13.55	--	--	--	-11.48	--	--	-9.27	--	--	-10.30
Water Table	Montrose	MW-28	-14.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.88	--	--	-10.57
Water Table	Montrose	MW-29	-15.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.85	--	-9.85	-9.80	--	--	-10.44
Water Table	Montrose	MW-30	-15.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.64	--	--	-9.59	--	--	-10.16
Water Table	Montrose	MW-31	--	--	--	--	--	--	--	--	-14.57	--	--	--	--	--	--	--	-12.01	--	--	-9.73	--	--	-9.91
Water Table	Montrose	UBA-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.23
Water Table	Montrose	UBE-01	-14.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.87	--	--	-9.77	--	--	-10.36
Water Table	Montrose	UBE-02	--	--	--	--	--	--	--	--	--	--	--	--	-13.99	--	--	--	-11.74	--	--	-9.24	--	--	-10.21
Water Table	Montrose	UBE-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.98	--	--	-9.85	--	--	-10.48
Water Table	Montrose	UBE-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.70	--	--	-9.35	--	--	-10.27
Water Table	Montrose	UBE-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.54	--	--	-10.47

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1985 Apr	1985 May	1985 Jun	1985 Jul	1985 Aug	1985 Oct	1985 Nov	1986 Jan	1986 Aug	1987 Jan	1987 Feb	1987 Mar	1987 Nov	1988 Jan	1988 Mar	1988 Apr	1988 Jul	1988 Oct	1989 Jan	1989 Feb	1989 May	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Apr	1990 Aug	1990 Nov	1990 Dec	1991 Apr
Water Table	Montrose	UBI-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBI-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	G-01WC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	G-02WC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	GW-07C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0032	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0037	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0041	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0047	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0048	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0050	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0052	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0056	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table/MBFC	Montrose	BF-32A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table/MBFC	Montrose	BF-33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0033	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0035	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0040	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0053	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0054	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0055	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0058	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0060	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1991 Oct	1991 Nov	1992 Jul	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Nov	1993 Dec	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan
Water Table	Montrose	UBI-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBI-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-01	-20.91	-21.06	-21.26	--	--	--	--	-21.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-02	-20.90	-21.04	-21.33	--	--	--	--	-21.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-03	-20.90	-21.05	-21.24	--	--	--	--	-21.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	G-01WC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	G-02WC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	GW-07C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.52	--	-19.69	--	--	-20.93	--	--	--
MBFB	Del Amo	SWL0011	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.30	--	--	--	--	-20.77	--	--	--	-20.06	--	-20.19	--	--	-20.44	--	--	--
MBFB	Del Amo	SWL0019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.69	--	--	--	-22.30	--	--	-21.55	--	-21.77	--	--	-22.07	--	--	--
MBFB	Del Amo	SWL0023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.11	--	--	-21.64	--	--	--	-20.95	--	-21.08	--	--	-21.36	--	--	--
MBFB	Del Amo	SWL0032	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.25	-13.20	-12.94	-12.82	-13.33	-18.59	-18.51	-18.45	-12.52	-12.73	-18.63	-18.19	-12.90	-18.32
MBFB	Del Amo	SWL0037	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.23	--	-19.01	--	-19.13	--	--	-19.33	--	--	--
MBFB	Del Amo	SWL0041	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.04	--	-21.13	--	-21.25	--	--	-21.68	--	--	--
MBFB	Del Amo	SWL0047	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0048	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0050	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0052	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0056	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table/MBFC	Montrose	BF-32A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table/MBFC	Montrose	BF-33	-21.71	-22.04	-22.62	--	--	--	--	-22.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0010	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.28	--	--	--	--	-20.66	--	--	--	-19.88	--	-20.10	--	--	-20.38	--	--	--
MBFC	Del Amo	SWL0013	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.28	--	--	--	-21.79	-20.77	--	--	--	-20.09	--	-20.19	--	--	-20.48	--	--	--
MBFC	Del Amo	SWL0018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.71	--	-20.37	--	-20.54	--	--	-19.84	--	-19.89	--	--	-20.12	--	--	--
MBFC	Del Amo	SWL0027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.74	-22.70	-22.55	--	--	--	-21.80	--	-21.95	--	--	-22.19	--	--	--
MBFC	Del Amo	SWL0033	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.61	--	--	-20.14	--	-20.18	--	--	-20.34	--	--	--
MBFC	Del Amo	SWL0035	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.36	--	-19.12	--	-19.19	--	--	-19.41	--	--	--
MBFC	Del Amo	SWL0040	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.59	--	-20.40	--	-20.49	--	--	-20.25	--	--	--
MBFC	Del Amo	SWL0053	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0054	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0055	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0058	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0060	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec	1996 Jan	1996 Feb	1996 May	1996 Jun	1996 Aug	1996 Sep	1996 Oct	1997 Jan	1998 Feb	1998 Mar	1999 Jan	1999 Feb	2000 Jun	2000 Jul	2000 Aug	2001 Jan	2002 Jan	2002 Sep	2002 Oct
Water Table	Montrose	UBI-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBI-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-01	--	--	--	--	--	--	--	--	-18.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.37	--
Water Table	Montrose	UBT-02	--	--	--	--	--	--	--	--	-18.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.34	--
Water Table	Montrose	UBT-03	--	--	--	--	--	--	--	--	-18.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.35	--
MBFB	Del Amo	G-01WC	--	-22.36	--	--	-18.21	--	--	--	-19.23	--	--	-18.63	--	-18.96	--	--	--	-28.79	-18.86	-18.33	--	-17.52	--	-17.67	--	--	--	--	--	--
MBFB	Del Amo	G-02WC	--	-19.59	--	--	-19.38	--	--	--	-19.97	--	--	-18.95	--	-18.82	--	--	--	-19.03	-19.07	-19.29	--	-17.50	--	-17.63	--	--	--	--	--	--
MBFB	Del Amo	GW-07C	--	-19.62	--	--	-20.26	--	--	--	-20.52	--	--	-15.80	-19.55	-20.39	--	--	--	-19.53	-19.79	-19.12	--	-18.28	--	-19.36	--	--	--	--	--	--
MBFB	Del Amo	SWL0011	--	-19.25	--	--	-18.86	--	--	--	-19.05	--	--	-18.33	--	-18.71	--	--	--	-18.83	-18.60	-18.13	--	-17.46	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0019	--	-20.99	--	--	-20.55	--	--	--	-20.67	--	--	-19.49	--	-20.86	--	--	--	-20.78	-20.72	-19.97	--	-19.41	--	-19.39	--	--	--	--	--	--
MBFB	Del Amo	SWL0023	--	-20.08	--	--	-19.88	--	--	--	-19.99	--	--	-19.05	--	-19.74	--	--	--	-19.94	-19.91	-19.18	--	-18.66	--	--	-18.74	--	--	--	--	--
MBFB	Del Amo	SWL0032	-12.97	-13.10	-12.91	-12.94	-12.96	-13.12	-13.19	-13.33	-13.40	-13.47	-13.41	-13.60	-13.61	--	--	--	--	-14.12	-14.52	-13.37	--	-12.67	--	-16.81	--	--	--	--	--	--
MBFB	Del Amo	SWL0037	--	-18.28	--	--	-17.94	--	--	--	-17.98	--	--	-17.58	--	-17.53	--	--	--	-17.55	-17.58	-16.79	--	-15.79	--	-16.04	--	--	--	--	--	--
MBFB	Del Amo	SWL0041	--	-20.10	--	--	-19.10	--	--	--	-19.21	--	--	-18.64	--	-18.81	--	--	--	-18.89	-18.70	-18.16	--	-17.40	--	-17.52	--	--	--	--	--	--
MBFB	Del Amo	SWL0047	--	--	--	--	--	--	-5.92	--	-17.77	--	--	-17.43	--	-17.27	--	--	--	-17.16	-17.06	-21.34	-16.09	-15.39	--	-15.60	--	--	--	--	--	--
MBFB	Del Amo	SWL0048	--	--	--	--	--	--	--	--	-18.43	--	--	-18.01	--	-17.90	--	--	--	-17.94	-17.93	-17.11	--	-16.00	--	-16.42	--	--	--	--	--	--
MBFB	Del Amo	SWL0050	--	--	--	--	--	--	--	--	-18.85	--	--	-18.35	--	-18.32	--	--	--	-18.30	-18.00	-17.42	--	-16.73	--	-16.85	--	--	--	--	--	--
MBFB	Del Amo	SWL0052	--	--	--	--	--	--	--	--	-19.15	--	--	-18.33	--	-18.86	--	--	--	-18.95	-18.74	--	--	-17.58	--	--	-17.69	--	--	--	--	--
MBFB	Del Amo	SWL0056	--	--	--	--	--	--	--	--	--	-19.77	--	-19.09	--	-19.63	--	--	--	-19.76	-19.54	-19.08	--	-18.15	--	-18.42	--	--	--	--	--	--
Water Table/MBFC	Montrose	BF-32A	--	--	--	--	--	--	--	--	-18.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.74	--
Water Table/MBFC	Montrose	BF-33	--	--	--	--	--	--	--	--	-19.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.07	--
MBFC	Boeing	CMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0010	--	-19.07	--	--	-18.78	--	--	--	-18.94	--	--	-18.10	--	-18.79	--	--	--	-19.00	-18.92	-18.63	--	-17.66	--	-17.62	--	--	--	--	--	--
MBFC	Del Amo	SWL0013	--	-19.28	--	--	-18.88	--	--	--	-19.03	--	--	-18.37	--	-18.74	--	--	--	-18.87	-18.83	-18.22	--	-17.54	--	--	--	--	--	--	-15.44	--
MBFC	Del Amo	SWL0018	--	-19.23	--	--	-19.03	--	--	--	-18.74	--	--	-18.25	--	-18.27	--	--	--	-18.37	-18.38	-17.41	--	--	-16.73	-16.85	--	--	--	--	--	--
MBFC	Del Amo	SWL0027	--	-20.97	--	--	-20.67	--	--	--	-20.77	--	--	-19.67	--	-20.46	--	--	--	-20.66	-20.40	-19.87	--	-19.07	--	-19.24	--	--	--	--	-18.27	--
MBFC	Del Amo	SWL0033	--	-19.48	--	--	-18.95	--	--	--	-19.00	--	--	-18.52	--	-18.48	--	--	--	-18.45	-18.55	-17.58	--	-16.86	--	-16.97	--	--	--	--	--	--
MBFC	Del Amo	SWL0035	--	-18.38	--	--	-18.02	--	--	--	-18.08	--	--	-17.64	--	-17.63	--	--	--	-17.61	-17.63	-16.89	--	-15.91	--	-16.14	--	--	--	--	-15.59	--
MBFC	Del Amo	SWL0040	--	-19.31	--	--	-19.22	--	--	--	-19.35	--	--	-18.75	--	-19.03	--	--	--	-19.05	-18.79	-18.21	--	-17.54	--	-17.50	--	--	--	--	--	--
MBFC	Del Amo	SWL0053	--	--	--	--	--	--	--	--	-19.09	--	--	-18.24	--	-18.79	--	--	--	-18.88	-19.72	-18.21	--	-17.50	--	-17.57	--	--	--	--	--	--
MBFC	Del Amo	SWL0054	--	--	--	--	--	--	--	--	-17.87	--	--	-17.67	--	-17.47	--	--	--	-17.39	-17.48	-16.45	--	-15.60	--	-15.80	--	--	-14.99	--	-15.27	--
MBFC	Del Amo	SWL0055	--	--	--	--	--	--	--	--	--	-18.63	--	-18.23	--	-18.22	--	--	--	-18.22	-17.99	-17.46	--	-16.69	--	-16.81	--	--	--	--	--	--
MBFC	Del Amo	SWL0058	--	--	--	--	--	--	--	--	--	--	--	-18.17	--	-17.97	--	--	--	-17.95	-18.06	-17.18	--	-16.29	--	-16.39	--	--	--	--	--	--
MBFC	Del Amo	SWL0060	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	2004 Jan	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2005 Feb	2005 Mar	2005 Jul	2005 Dec	2006 Sep	2006 Oct	2006 Dec	2011 Feb	2012 Feb	2012 Mar	2012 Nov	2014 Sep
Water Table	Montrose	UBI-01	--	--	--	--	--	--	--	--	--	--	--	--	-14.08	--	--	--	-11.86	--	--	-9.40	--	--	-10.16
Water Table	Montrose	UBI-02	--	--	--	--	--	--	--	--	--	--	--	--	-14.00	--	--	--	-11.85	--	--	-9.42	--	--	-10.16
Water Table	Montrose	UBT-01	-14.88	--	--	--	--	--	--	--	--	--	--	--	-14.70	--	--	--	-12.38	--	--	-9.83	--	--	-10.40
Water Table	Montrose	UBT-02	-14.91	--	--	--	--	--	--	--	--	--	--	--	-14.31	--	--	--	-11.99	--	--	-9.85	--	--	-10.42
Water Table	Montrose	UBT-03	-14.88	--	--	--	--	--	--	--	--	--	--	--	-14.26	--	--	--	-11.90	--	--	-9.86	--	--	-10.40
MBFB	Del Amo	G-01WC	-16.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.62	--	--	-10.56	--	--	-11.01
MBFB	Del Amo	G-02WC	-16.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.67	--	--	-10.57	--	--	-11.06
MBFB	Del Amo	GW-07C	-16.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.54	--	--	-10.84	--	--	-11.21
MBFB	Del Amo	SWL0011	-12.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.73	--	--	-8.84	--	--	--
MBFB	Del Amo	SWL0019	-17.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.60	--	--	-11.85	--	--	-11.91
MBFB	Del Amo	SWL0023	-18.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.05	--	--	-11.26	--	--	-11.59
MBFB	Del Amo	SWL0032	41.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.18	--	--	-7.19	--	--	-10.21
MBFB	Del Amo	SWL0037	-15.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.53	--	--	-9.47	--	--	-10.31
MBFB	Del Amo	SWL0041	-16.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.39	--	--	-10.50	--	--	-10.82
MBFB	Del Amo	SWL0047	-14.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.52	--	--	-9.53	--	--	-10.36
MBFB	Del Amo	SWL0048	-15.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.11	--	--	-9.80	--	--	-10.90
MBFB	Del Amo	SWL0050	-15.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.37	--	--	-10.26	--	--	-10.80
MBFB	Del Amo	SWL0052	-16.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.40	--	--	-10.58	--	--	-10.85
MBFB	Del Amo	SWL0056	-17.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.20	--	--	--	-11.03	--	-11.43
Water Table/MBFC	Montrose	BF-32A	-14.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.15	--	--	-9.52	--	--	-9.76
Water Table/MBFC	Montrose	BF-33	-15.87	--	--	--	--	--	--	--	--	--	--	--	-15.50	--	--	--	-12.56	--	--	-10.68	--	--	-10.52
MBFC	Boeing	CMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.67	--	-8.47
MBFC	Boeing	CMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.67	-8.05	-8.04
MBFC	Boeing	CMW026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.40
MBFC	Boeing	EWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.88
MBFC	Boeing	EWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.72
MBFC	Boeing	EWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.47
MBFC	Boeing	EWC005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-32.26
MBFC	Boeing	IRZCMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.39
MBFC	Boeing	IRZCMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.36
MBFC	Boeing	IRZCMW003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.40
MBFC	Boeing	IWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.34
MBFC	Boeing	IWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.70
MBFC	Boeing	IWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.29
MBFC	Boeing	MWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.64
MBFC	Boeing	MWC006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.26
MBFC	Boeing	MWC007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.23
MBFC	Boeing	MWC009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.21
MBFC	Boeing	MWC011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.71
MBFC	Boeing	MWC015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.34
MBFC	Boeing	MWC016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.50
MBFC	Boeing	MWC017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.24
MBFC	Boeing	MWC021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.53
MBFC	Boeing	MWC022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.47
MBFC	Boeing	MWC023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.72
MBFC	Boeing	MWC024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.32
MBFC	Boeing	MWC025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.13
MBFC	Boeing	MWC026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.69
MBFC	Boeing	MWC027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.28
MBFC	Del Amo	SWL0010	-16.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.14	--	--	-10.69	--	--	-11.12
MBFC	Del Amo	SWL0013	-15.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.09	--	--	-9.06	--	--	-9.65
MBFC	Del Amo	SWL0018	-15.88	--	--	--	--	--	--	-15.47	--	--	--	--	--	--	--	--	-12.30	--	--	-10.13	--	--	-10.94
MBFC	Del Amo	SWL0027	-17.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.67	--	--	-11.70	--	--	-11.91
MBFC	Del Amo	SWL0033	-16.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.40	--	--	-10.35	--	--	-14.00
MBFC	Del Amo	SWL0035	-15.24	--	--	--	--	--	--	-14.64	--	--	--	--	--	--	--	--	-11.30	--	--	-9.50	--	--	-10.08
MBFC	Del Amo	SWL0040	-16.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.64	--	--	-10.51	--	--	-10.98
MBFC	Del Amo	SWL0053	-16.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.31	--	--	-10.78	--	--	-10.66
MBFC	Del Amo	SWL0054	--	--	--	--	--	--	--	-14.66	--	--	--	--	--	--	--	--	-11.60	--	--	-9.68	--	--	-10.39
MBFC	Del Amo	SWL0055	-15.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.32	--	--	-10.40	--	--	-10.84
MBFC	Del Amo	SWL0058	-15.56	--	--	--	--	--	--	-15.16	--	--	--	--	--	--	--	--	-12.26	--	--	-7.94	--	--	-10.55
MBFC	Del Amo	SWL0060	--	--	--	--	--	--	--	-15.91	--	--	--	--	--	--	--	--	-12.29	--	--	-10.63	--	--	-10.93

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1985 Apr	1985 May	1985 Jun	1985 Jul	1985 Aug	1985 Oct	1985 Nov	1986 Jan	1986 Aug	1987 Jan	1987 Feb	1987 Mar	1987 Nov	1988 Jan	1988 Mar	1988 Apr	1988 Jul	1988 Oct	1989 Jan	1989 Feb	1989 May	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Apr	1990 Aug	1990 Nov	1990 Dec	1991 Apr
MBFC	Del Amo	SWL0061	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0064	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0065	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-01	--	--	--	--	--	--	--	--	--	-24.52	-23.95	-23.93	-23.56	-23.23	--	-22.72	-22.51	-22.45	-21.74	-21.85	-21.31	-20.94	-20.83	--	--	-20.58	-20.30	-20.28	-20.19	--	-20.12
MBFC	Montrose	BF-02	--	--	--	--	--	--	--	--	--	-24.78	-24.44	-24.23	-23.82	-23.48	--	-22.99	-22.75	-22.56	-22.01	-22.13	-21.56	-21.21	-21.08	--	--	-20.86	-20.52	-20.49	-20.38	--	-20.23
MBFC	Montrose	BF-03	--	--	--	--	--	--	--	--	--	-24.81	-24.46	-24.26	-23.90	-23.54	--	-23.03	-22.81	-22.73	-22.05	-22.17	-21.62	-21.27	-21.16	--	--	-20.93	-20.56	-20.52	-20.41	--	-20.31
MBFC	Montrose	BF-04	--	--	--	--	--	--	--	--	--	-24.92	-24.59	-24.37	-24.00	-23.67	--	-23.20	-22.94	-22.86	-22.20	-22.31	-21.77	-21.40	-21.29	--	--	-21.06	-20.72	-20.67	-20.56	--	-20.45
MBFC	Montrose	BF-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.97	-23.07	-22.59	-22.26	-22.11	--	--	-21.84	-21.49	-21.47	-21.23	--	-21.15
MBFC	Montrose	BF-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.16	-23.34	-22.77	-22.45	-22.28	--	--	-22.00	-21.78	-21.62	-21.44	--	-21.32
MBFC	Montrose	BF-07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.03	-23.21	-22.61	-22.25	-22.08	--	--	-21.80	-21.49	-21.47	-21.47	--	-21.19
MBFC	Montrose	BF-09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.21	-22.03	-21.43	-21.11	-21.01	--	--	-20.68	-20.41	-20.43	-20.54	--	-20.22
MBFC	Montrose	BF-10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-24.60	--	-24.39	-23.97	-23.98	-23.68	--	-23.61
MBFC	Montrose	BF-11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.54	--	-25.31	-24.98	-24.79	-24.74	--	-24.27
MBFC	Montrose	BF-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.95	--	-25.72	-25.30	-25.26	-25.19	--	-24.79
MBFC	Montrose	BF-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.83	--	--	-23.52	-23.14	-23.14	-22.84	--	-22.70
MBFC	Montrose	BF-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.55	-23.37	--	--	-23.13	-22.73	-22.75	-22.46	--	-22.35
MBFC	Montrose	BF-15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.26	-23.13	--	--	-22.83	-22.47	-22.49	--	-22.38	-21.79
MBFC	Montrose	BF-16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.26	-25.05	-24.87	-24.52	-24.42	-24.41	--	-23.92
MBFC	Montrose	BF-17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.89	-25.68	-25.54	-25.15	-25.09	-25.04	--	-24.58
MBFC	Montrose	BF-19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	LBF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0034	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0036	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0063	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0066	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-01	--	--	--	--	--	--	--	--	--	-24.87	-24.47	-24.27	-24.03	-23.43	--	-23.01	-22.86	-22.74	-22.03	-22.12	-21.61	-21.34	-21.17	--	--	-21.24	-20.82	-20.68	-20.70	--	-20.73
Gage	Montrose	G-02	--	--	--	--	--	--	--	--	--	-25.64	-25.25	-25.12	-24.81	-24.18	--	-23.78	-23.58	-23.50	-22.79	-22.87	-22.40	-22.11	-21.94	--	--	-21.75	-21.62	-21.42	-21.40	--	-21.43

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1991 Oct	1991 Nov	1992 Jul	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Nov	1993 Dec	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan
MBFC	Del Amo	SWL0061	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0064	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0065	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-01	-20.85	-21.01	-21.36	--	--	--	--	-19.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.26	--	-19.37	--	--	-19.45	--	--	--
MBFC	Montrose	BF-02	-20.99	-21.18	-21.46	--	--	--	--	-21.42	--	--	--	--	--	--	--	--	--	--	--	-19.67	--	--	-19.39	--	-19.39	--	--	-19.43	--	--	--
MBFC	Montrose	BF-03	-20.96	-21.14	-21.38	--	--	--	--	-21.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.30	--	-19.42	--	--	-19.36	--	--	--
MBFC	Montrose	BF-04	-21.06	-21.28	-21.52	--	--	--	--	-21.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.41	--	-19.37	--	--	-19.52	--	--	--
MBFC	Montrose	BF-05	-21.53	-21.69	-21.64	--	--	--	--	-21.59	--	-21.37	--	-20.67	--	--	--	--	--	-19.89	-19.87	--	--	--	-19.21	--	-19.30	--	--	-19.78	--	--	--
MBFC	Montrose	BF-06	-21.66	-21.85	-21.87	--	--	--	--	-21.86	--	-21.62	--	--	--	-20.64	--	--	--	-19.88	-19.88	--	--	--	-19.24	--	-19.29	--	--	-19.98	--	--	--
MBFC	Montrose	BF-07	-21.80	-21.82	-21.90	--	--	--	--	-21.90	--	--	--	-21.41	--	--	--	--	--	-20.54	-20.50	--	--	--	-19.86	--	-19.91	--	--	-20.16	--	--	--
MBFC	Montrose	BF-09	-20.88	-21.09	-21.37	--	--	--	--	-21.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.28	--	-19.41	--	--	-19.46	--	--	--
MBFC	Montrose	BF-10	-23.96	-24.03	-23.81	--	--	--	--	-23.41	--	--	--	-22.92	--	-22.79	--	--	--	--	--	-21.96	--	--	-21.19	--	-21.32	--	--	-21.48	--	--	--
MBFC	Montrose	BF-11	-24.58	-24.68	-24.75	--	--	--	--	-24.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-12	-25.20	-25.23	-25.14	--	--	--	--	-24.59	--	--	--	--	--	--	--	--	--	--	--	-23.07	--	--	-22.36	--	-22.50	--	--	-22.62	--	--	--
MBFC	Montrose	BF-13	-23.14	-23.20	-22.94	--	--	--	--	-22.50	-22.59	-22.24	--	--	--	-21.88	--	--	--	-21.00	--	-21.04	--	--	-20.44	--	-20.53	--	--	-20.67	--	--	--
MBFC	Montrose	BF-14	-22.67	-22.81	-22.75	--	--	--	--	-22.55	--	--	--	-22.13	--	-21.94	--	--	--	-20.99	--	-21.20	--	--	-20.45	--	-20.59	--	--	-20.64	--	--	--
MBFC	Montrose	BF-15	-22.48	-22.65	-22.65	--	--	--	--	-22.52	--	-22.51	--	-22.50	--	-22.37	--	--	--	--	-21.52	--	--	--	-20.82	--	-20.93	--	--	-21.01	--	--	--
MBFC	Montrose	BF-16	-24.21	-24.34	-24.45	--	--	--	--	-24.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-17	-24.97	-25.03	-25.01	--	--	--	--	-24.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.33	--	-21.40	--	--	-21.58	--	--	--
MBFC	Montrose	BF-19	-21.21	-21.37	-21.29	--	--	--	--	-21.16	--	--	--	-20.64	--	-20.58	--	--	--	-19.87	-19.84	--	--	--	-19.18	--	-19.29	--	--	-19.33	--	--	--
MBFC	Montrose	BF-20	-21.11	-21.32	-21.73	--	--	--	--	-22.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-21	-22.28	-22.50	-22.77	--	--	--	--	-22.79	--	--	--	-22.30	--	--	--	--	--	--	--	--	--	--	-20.45	--	-20.54	--	--	-20.69	--	--	--
MBFC	Montrose	BF-22	-24.04	-24.19	-24.32	--	--	--	--	-24.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-23	-22.61	-22.73	-22.62	--	--	--	--	-22.42	--	--	--	--	--	--	--	--	--	--	--	-21.05	--	--	-20.34	--	-20.40	--	--	-20.52	--	--	--
MBFC	Montrose	BF-24	-23.87	-23.99	-23.95	--	--	--	--	-23.68	--	--	--	--	--	--	--	--	--	--	--	-21.84	--	--	-21.14	--	-21.19	--	--	-21.31	--	--	--
MBFC	Montrose	BF-25	-25.71	-25.76	-25.77	--	--	--	--	-25.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-26	-26.38	-26.43	-26.36	--	--	--	--	-26.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-27	-25.56	-25.63	-25.70	--	--	--	--	-25.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-28	-26.23	-26.24	-26.14	--	--	--	--	-25.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-29	-22.32	-22.54	-22.94	--	--	--	--	-22.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.54	--	-20.58	--	--	-20.77	--	--	--
MBFC	Montrose	BF-30	-23.83	-24.00	-24.25	--	--	--	--	-24.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-31	-22.14	-22.40	-22.86	--	--	--	--	-22.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	LBF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-24.53	--	-23.96	--	-23.86	--	--	-23.05	--	-23.62	--	--	-24.21	--	--	--
Gage	Del Amo	SWL0022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.55	--	-22.87	-22.70	--	--	--	-21.95	--	-22.48	--	--	-23.04	--	--	--
Gage	Del Amo	SWL0025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.94	-23.85	--	--	--	-23.02	--	-23.63	--	--	-24.30	--	--	--
Gage	Del Amo	SWL0026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.89	-23.64	-23.53	--	--	--	-22.74	--	-23.17	--	--	-23.61	--	--	--
Gage	Del Amo	SWL0034	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.98	--	--	-21.27	--	-21.62	--	--	-22.03	--	--	--
Gage	Del Amo	SWL0036	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.36	--	-21.97	--	--	-13.07	--	--	--
Gage	Del Amo	SWL0063	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0066	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-01	-21.92	-21.92	-22.74	--	--	--	--	-21.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.72	--	-19.01	--	--	-19.37	--	--	--
Gage	Montrose	G-02	-22.56	-22.56	-22.96	--	--	--	--	-22.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.10	--	-20.41	--	--	-20.75	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec	1996 Jan	1996 Feb	1996 May	1996 Jun	1996 Aug	1996 Sep	1996 Oct	1997 Jan	1998 Feb	1998 Mar	1999 Jan	1999 Feb	2000 Jun	2000 Jul	2000 Aug	2001 Jan	2002 Jan	2002 Sep	2002 Oct
MBFC	Del Amo	SWL0061	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0064	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0065	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-01	--	-18.90	--	--	-18.48	--	--	--	-18.39	--	--	-17.71	--	-17.48	--	--	--	-17.30	-17.28	-16.10	--	-15.28	--	-15.78	--	--	--	--	-15.36	--
MBFC	Montrose	BF-02	--	-19.03	--	--	-18.66	--	--	--	-18.57	--	--	-18.00	--	-17.63	--	--	--	-17.46	-17.45	-16.33	--	-15.61	--	-16.05	--	--	--	--	-15.39	--
MBFC	Montrose	BF-03	--	-18.93	--	--	-18.57	--	--	--	-18.37	--	--	-17.92	--	-17.55	--	--	--	-17.41	-17.40	-16.29	--	-15.56	--	-15.97	--	--	--	--	-15.44	--
MBFC	Montrose	BF-04	--	-19.01	--	--	-18.63	--	--	--	-18.50	--	--	-16.62	--	-17.27	--	--	--	-17.36	-17.50	-16.35	--	-15.64	--	-16.05	--	--	--	--	-15.54	--
MBFC	Montrose	BF-05	--	-19.02	--	--	-18.57	--	--	--	-18.47	--	--	-25.83	-24.96	-17.89	--	--	--	-17.89	-17.52	-16.95	--	-16.01	--	-16.21	--	--	--	--	-15.70	--
MBFC	Montrose	BF-06	--	-19.32	--	--	-18.82	--	--	--	-18.66	--	--	-18.36	--	-18.15	--	--	--	-18.10	-18.16	-17.16	--	-16.46	--	-16.47	--	--	--	--	--	-16.03
MBFC	Montrose	BF-07	--	-19.55	--	--	-19.02	--	--	--	-18.80	--	--	-18.55	--	-18.29	--	--	--	-18.21	-18.20	-17.31	--	-16.60	--	-16.68	--	--	--	--	-15.81	--
MBFC	Montrose	BF-09	--	-18.93	--	--	-18.55	--	--	--	-18.18	--	--	-17.87	--	-17.53	--	--	--	-18.55	-13.04	-16.02	--	-15.22	--	-15.76	--	--	--	--	-15.23	--
MBFC	Montrose	BF-10	--	-20.44	--	--	-19.99	--	--	--	-20.11	--	--	-19.12	--	--	-19.65	--	--	-19.85	-19.90	-19.06	--	-18.41	--	--	-18.55	--	--	--	-17.74	--
MBFC	Montrose	BF-11	--	--	--	--	--	--	--	--	-21.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.56	--
MBFC	Montrose	BF-12	--	-21.63	--	--	-21.20	--	--	--	-21.41	--	--	-20.28	--	-20.84	--	--	--	-21.09	-20.94	-20.47	--	-19.65	--	--	--	--	--	--	-18.88	--
MBFC	Montrose	BF-13	--	-19.57	--	--	-19.18	--	--	--	-19.27	--	--	-18.66	--	-18.96	--	--	--	-19.14	-19.16	-18.18	--	-17.57	--	--	-17.69	--	--	--	-16.94	--
MBFC	Montrose	BF-14	--	-19.83	--	--	-19.34	--	--	--	-19.35	--	--	-18.84	--	-18.84	--	--	--	-18.81	-18.90	-18.11	--	-17.03	--	-17.38	--	--	--	--	-16.70	--
MBFC	Montrose	BF-15	--	-20.27	--	--	-19.76	--	--	--	-19.35	--	--	-19.25	--	-19.16	--	--	--	-20.55	-19.18	-18.40	--	-17.41	--	-17.64	--	--	--	--	-16.56	--
MBFC	Montrose	BF-16	--	--	--	--	--	--	--	--	-20.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.25	--
MBFC	Montrose	BF-17	--	-20.69	--	--	-20.21	--	--	--	-20.29	--	--	-19.55	--	-19.85	--	--	--	-19.96	-19.76	-19.38	--	-18.73	--	--	-18.68	--	--	--	-18.80	--
MBFC	Montrose	BF-19	--	-18.59	--	--	-18.28	--	--	--	-18.14	--	--	-17.82	--	-17.52	--	--	--	-17.52	-17.26	-16.51	--	-15.66	--	-15.80	--	--	--	--	-15.33	--
MBFC	Montrose	BF-20	--	--	--	--	--	--	--	--	-18.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.54	--
MBFC	Montrose	BF-21	--	-19.94	--	--	-19.56	--	--	--	-19.54	--	--	-19.09	--	-18.81	--	--	--	-18.69	-18.72	-18.03	--	-17.45	--	-17.50	--	--	--	--	-16.67	--
MBFC	Montrose	BF-22	--	--	--	--	--	--	--	--	-20.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.15	--
MBFC	Montrose	BF-23	--	-19.66	--	--	-19.16	--	--	--	-19.18	--	--	-18.77	--	-18.69	--	--	--	-18.73	-18.81	-18.03	--	--	-17.32	-17.26	--	--	--	--	-16.58	--
MBFC	Montrose	BF-24	--	--	--	--	-19.95	--	--	--	-20.47	--	--	-19.90	--	-19.52	--	--	--	-19.48	-19.25	-18.95	--	-18.11	--	--	-18.24	--	--	--	-17.76	--
MBFC	Montrose	BF-25	--	--	--	--	--	--	--	--	-22.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.55	--
MBFC	Montrose	BF-26	--	--	--	--	--	--	--	--	-22.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.23	--
MBFC	Montrose	BF-27	--	--	--	--	--	--	--	--	-22.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.66	--
MBFC	Montrose	BF-28	--	--	--	--	--	--	--	--	-22.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.85	--
MBFC	Montrose	BF-29	--	-20.06	--	--	-19.76	--	--	--	-19.62	--	--	-19.22	--	-18.88	--	--	--	-18.76	-18.67	-18.15	--	--	--	--	--	--	--	--	-16.66	--
MBFC	Montrose	BF-30	--	--	--	--	--	--	--	--	-20.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.09	--
MBFC	Montrose	BF-31	--	--	--	--	--	--	--	--	-19.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.49	--
MBFC	Montrose	BF-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	LBF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0020	--	-22.40	--	--	-22.52	--	--	--	-22.76	--	--	-21.93	--	-23.37	--	--	--	-23.22	-23.07	-22.46	--	-22.07	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0022	--	-21.33	--	--	-21.42	--	--	--	-21.41	--	--	-20.98	--	-21.65	--	--	--	-21.80	-21.62	-21.16	--	-20.55	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0025	--	-22.42	--	--	-22.50	--	--	--	-22.77	--	--	-21.96	--	-23.06	--	--	--	-23.56	-23.39	-22.77	--	-22.36	--	-21.78	--	--	--	--	-20.51	--
Gage	Del Amo	SWL0026	--	-21.98	--	--	-22.10	--	--	--	-22.18	--	--	-21.37	--	-22.12	--	--	--	-22.42	-22.20	-21.70	--	-21.12	--	-21.14	--	--	--	--	-20.03	--
Gage	Del Amo	SWL0034	--	-20.67	--	--	-20.66	--	--	--	-20.64	--	--	-20.10	--	-20.34	--	--	--	-20.40	-20.28	-19.54	--	-19.13	--	-19.21	--	--	--	--	--	--
Gage	Del Amo	SWL0036	--	-20.77	--	--	-20.98	--	--	--	-20.91	--	--	-20.34	--	-20.78	--	--	--	-21.07	-20.89	-20.16	--	-19.67	--	-19.90	--	--	--	--	-19.38	--
Gage	Del Amo	SWL0063	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0066	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-01	--	-19.25	--	--	-19.10	--	--	--	-18.93	--	--	-18.32	--	-18.11	--	--	--	-15.40	-17.88	-16.91	--	-16.44	--	-17.03	--	--	--	--	-16.32	--
Gage	Montrose	G-02	--	-19.65	--	--	-19.57	--	--	--	-19.44	--	--	-18.86	--	-18.76	--	--	--	-18.77	-18.67	-17.67	--	-17.15	--	-17.67	--	--	--	--	-16.85	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	2004 Jan	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2005 Feb	2005 Mar	2005 Jul	2005 Dec	2006 Sep	2006 Oct	2006 Dec	2011 Feb	2012 Feb	2012 Mar	2012 Nov	2014 Sep
MBFC	Del Amo	SWL0061	--	--	--	--	--	--	--	-14.57	--	--	--	--	--	--	--	--	-11.51	--	--	-9.74	--	--	-10.50
MBFC	Del Amo	SWL0064	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.95	--	--	-9.86	--	--	-10.50
MBFC	Del Amo	SWL0065	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.71	--	--	-9.36	--	--	-9.95
MBFC	Montrose	BF-01	-15.02	-15.19	--	-14.76	-14.85	-14.68	--	-14.90	--	--	--	--	--	--	--	--	-11.80	--	--	-10.05	--	--	-10.52
MBFC	Montrose	BF-02	-15.05	--	--	-14.98	-15.01	-15.11	--	-15.09	--	--	--	--	--	--	--	--	-11.92	--	--	-9.80	--	--	-10.17
MBFC	Montrose	BF-03	-14.99	-15.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.85	--	--	-9.99	--	--	-10.57
MBFC	Montrose	BF-04	-15.12	--	--	-15.04	-14.88	-15.37	--	-15.32	--	--	--	--	-14.68	--	--	--	-12.11	--	--	-9.84	--	--	-10.31
MBFC	Montrose	BF-05	-15.44	--	--	--	--	--	--	-15.05	--	--	--	--	--	--	--	--	-11.95	--	--	-9.93	--	--	-10.63
MBFC	Montrose	BF-06	-15.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.08	--	--	-10.00	--	--	-10.53
MBFC	Montrose	BF-07	-15.32	--	--	--	--	--	--	--	--	--	--	--	-14.44	--	--	--	-12.22	--	--	-10.20	--	--	-10.61
MBFC	Montrose	BF-09	-14.79	-15.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.76	--	--	-11.01	--	--	-10.41
MBFC	Montrose	BF-10	-17.99	-17.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.21	--	--	-11.11	--	--	-11.50
MBFC	Montrose	BF-11	-18.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.13	--	--	-11.56	--	--	-11.98
MBFC	Montrose	BF-12	-18.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.32	--	--	-12.00	--	--	-12.29
MBFC	Montrose	BF-13	-16.62	--	--	--	--	--	--	--	--	--	--	--	-14.75	--	--	--	-12.58	--	--	-10.35	--	--	-11.09
MBFC	Montrose	BF-14	-16.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.70	--	--	-10.56	--	--	-11.00
MBFC	Montrose	BF-15	-16.26	--	--	--	--	--	--	--	--	--	--	--	-14.93	--	--	--	-12.63	--	--	-10.43	--	--	-10.87
MBFC	Montrose	BF-16	-17.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.01	--	--	-11.26	--	--	-11.58
MBFC	Montrose	BF-17	-18.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.21	--	--	-11.84	--	--	-12.08
MBFC	Montrose	BF-19	-15.02	--	--	--	--	--	--	-14.72	--	--	--	--	--	--	--	--	-11.73	--	--	-9.68	--	--	-10.61
MBFC	Montrose	BF-20	-15.20	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.32	--	-12.09	--	--	-10.27	--	--	-10.28
MBFC	Montrose	BF-21	-16.29	--	--	--	--	--	--	--	--	--	--	--	-15.54	--	--	--	-12.79	--	--	-10.64	--	--	-10.76
MBFC	Montrose	BF-22	-17.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.90	--	--	-11.20	--	--	-11.49
MBFC	Montrose	BF-23	-16.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.51	--	--	-10.37	--	--	-10.76
MBFC	Montrose	BF-24	-17.37	--	--	--	--	--	--	--	--	--	--	--	-16.00	--	--	--	-13.38	--	--	-11.01	--	--	-11.44
MBFC	Montrose	BF-25	-19.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.92	--	--	-12.20	--	--	-12.28
MBFC	Montrose	BF-26	-19.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.44	--	--	-12.54	--	--	-12.62
MBFC	Montrose	BF-27	-19.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.93	--	--	-12.14	--	--	-12.36
MBFC	Montrose	BF-28	-19.59	--	--	--	--	--	--	--	--	--	--	--	-18.11	--	--	--	-15.01	--	--	-12.43	--	--	-12.57
MBFC	Montrose	BF-29	-16.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.87	--	--	-11.02	--	--	-11.10
MBFC	Montrose	BF-30	-17.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.89	--	--	-11.22	--	--	-11.28
MBFC	Montrose	BF-31	-16.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.58	--	-10.85	--	--	-10.78
MBFC	Montrose	BF-34	--	--	--	--	--	--	--	--	-14.92	--	--	--	--	--	--	--	-11.86	--	--	-10.18	--	--	-10.47
MBFC	Montrose	BF-35	--	--	--	--	--	--	--	--	-14.73	-14.65	--	--	--	--	--	--	-11.72	--	--	-9.95	--	--	-10.58
MBFC	Montrose	BF-36	--	--	--	--	--	--	--	--	--	-21.07	-20.57	--	--	--	--	--	-16.04	--	--	-13.22	--	--	-13.44
MBFC	Montrose	BF-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.18	--	--	-10.37	--	--	-10.65
MBFC	Montrose	BF-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.06	--	--	-8.68	--	--	-11.62
MBFC	Montrose	BF-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.17
MBFC	Montrose	BF-EW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.91
MBFC	Montrose	BF-EW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.19
MBFC	Montrose	BF-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.83	--	--	-10.53	--	--	-10.04
MBFC	Montrose	BF-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.87	--	--	-10.54	--	--	-9.78
MBFC	Montrose	BF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.58	--	--	-10.94	--	--	-10.94
MBFC	Montrose	BF-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.91	--	--	-10.85	--	--	-10.85
MBFC	Montrose	LBF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.56	--	--	-12.63	--	--	-12.77
Gage	Boeing	EWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-53.82
Gage	Boeing	EWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.40
Gage	Boeing	MWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.26
Gage	Boeing	MWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.07
Gage	Boeing	MWG003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.85
Gage	Boeing	MWG004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.09
Gage	Del Amo	SWL0020	-20.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.25	--	--	-13.94
Gage	Del Amo	SWL0022	-19.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.52	--	--	-13.40	--	--	-13.39
Gage	Del Amo	SWL0025	-20.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.00	--	--	-13.36	--	--	-13.43
Gage	Del Amo	SWL0026	-19.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.95	--	--	-13.25	--	--	-13.28
Gage	Del Amo	SWL0034	-17.95	--	--	--	--	--	--	--	--	--	--	-16.76	--	--	-15.03	--	-13.84	--	--	--	--	--	-10.36
Gage	Del Amo	SWL0036	-18.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.27	--	--	-12.99	--	--	-13.16
Gage	Del Amo	SWL0063	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.51	--	--	-12.26	--	--	-12.57
Gage	Del Amo	SWL0066	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.00	--	--	-11.88	--	--	-12.24
Gage	Montrose	G-01	-15.87	--	--	--	--	--	--	--	--	--	--	-15.21	--	-14.38	-13.57	--	-12.27	--	--	-11.16	--	--	-11.48
Gage	Montrose	G-02	-16.18	--	--	--	--	--	--	--	--	--	--	-15.85	--	-15.01	-14.20	--	-12.66	--	--	-11.67	--	--	-11.85

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1985 Apr	1985 May	1985 Jun	1985 Jul	1985 Aug	1985 Oct	1985 Nov	1986 Jan	1986 Aug	1987 Jan	1987 Feb	1987 Mar	1987 Nov	1988 Jan	1988 Mar	1988 Apr	1988 Jul	1988 Oct	1989 Jan	1989 Feb	1989 May	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Apr	1990 Aug	1990 Nov	1990 Dec	1991 Apr
Gage	Montrose	G-03	--	--	--	--	--	--	--	--	--	-25.19	-24.78	-24.61	-24.33	-23.76	--	-23.29	-23.13	-23.04	-22.34	-22.41	-21.89	-21.52	-21.47	--	--	-21.25	-21.02	-20.96	-21.00	--	-20.96
Gage	Montrose	G-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.28	-23.34	-22.93	-22.67	-22.53	--	--	-22.29	-21.98	-21.96	-21.86	--	-21.97
Gage	Montrose	G-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.44	-23.52	-23.04	-22.78	-22.60	--	--	-22.37	-22.08	-22.07	-22.02	--	-22.08
Gage	Montrose	G-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.35	-23.39	-22.92	-22.66	-22.48	--	--	-22.24	-21.96	-21.98	-22.08	--	-22.01
Gage	Montrose	G-08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.68	-23.48	-23.45	-23.16	-23.21	-23.11	--	-23.19
Gage	Montrose	G-09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.61	--	-25.42	-25.08	-25.07	-24.89	--	-25.00
Gage	Montrose	G-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-24.65	-24.55	--	--	-24.27	-24.23	-23.98	-23.87	--	-23.94
Gage	Montrose	G-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-24.64	-24.27	--	--	-23.99	-23.71	-23.75	-23.61	--	-23.71
Gage	Montrose	G-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-19A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.19	--	--	-24.97	-24.62	-24.61	-24.45	--	-24.55
Gage	Montrose	G-IW-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	LG-01	--	--	--	--	--	--	--	--	--	-25.67	-25.29	-25.12	-24.83	-24.18	--	-23.81	-23.60	-23.50	-22.87	-22.94	-22.43	-22.16	-22.01	--	--	-21.86	-21.61	-21.47	-21.43	--	-21.51
Gage	Montrose	LG-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.41	-22.48	-21.96	-21.70	-21.57	--	--	-21.36	-21.06	-21.06	-21.05	--	-21.07
Lynwood	Montrose	LW-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.01	-32.69	--	-32.43	-32.16	-32.70	-33.12	-32.99	--	-33.85
Lynwood	Montrose	LW-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.35	-32.98	--	-32.70	-32.43	-32.96	-33.42	-33.28	--	-34.18
Lynwood	Montrose	LW-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-32.60	-32.55	-32.30	-32.77	-33.17	-33.03	--	-33.93
Lynwood	Montrose	LW-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lynwood	Montrose	LW-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lynwood	Montrose	LW-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lynwood	Montrose	LW-07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1991 Oct	1991 Nov	1992 Jul	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Nov	1993 Dec	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan
Gage	Montrose	G-03	-22.14	-22.24	-22.68	--	--	--	--	-22.17	--	--	--	--	--	--	--	--	--	--	--	-20.27	--	--	-19.90	--	-20.17	--	--	-20.49	--	--	--
Gage	Montrose	G-04	-23.00	-22.96	-23.27	--	--	--	--	-22.60	--	--	--	-22.18	--	--	--	--	--	--	--	-20.87	--	--	-20.37	--	-20.70	--	-21.11	-21.14	--	--	--
Gage	Montrose	G-05	-23.09	-23.09	-23.42	--	--	--	--	-22.81	--	--	-21.61	-21.80	--	--	--	--	--	-20.77	-20.64	--	--	--	-20.48	--	-20.81	--	-21.19	-21.19	--	--	--
Gage	Montrose	G-06	-23.01	-23.06	-23.42	--	--	--	--	-22.81	--	--	--	-22.41	--	--	--	--	--	-21.37	-21.23	-21.05	--	--	-20.53	--	-20.86	--	-21.22	-21.25	--	--	--
Gage	Montrose	G-08	-24.13	-24.15	-24.48	--	--	--	--	-23.72	--	--	--	-26.26	--	--	--	--	--	-21.99	--	-21.88	--	--	-21.11	--	-21.48	--	--	-21.89	--	--	--
Gage	Montrose	G-09	-25.82	-25.68	-25.67	--	--	--	--	-24.60	--	--	-24.27	-24.32	--	--	--	--	--	-24.21	--	--	--	--	--	--	-22.74	--	--	-23.17	--	--	--
Gage	Montrose	G-12	-24.85	-24.75	-24.94	--	--	--	--	-24.01	--	--	--	--	--	--	--	--	--	--	--	-22.37	--	--	-21.62	--	-22.03	--	--	-22.49	--	--	--
Gage	Montrose	G-13	-24.59	-24.54	-24.80	--	--	--	--	-23.94	--	--	--	-23.60	--	--	--	--	--	-22.51	--	-22.39	--	--	-21.62	--	-22.02	--	--	-22.53	--	--	--
Gage	Montrose	G-14	-22.63	-22.58	-22.90	--	--	--	--	-22.19	--	--	--	--	--	--	--	--	--	-20.94	--	-20.78	--	--	-20.12	--	-20.45	--	-20.85	-20.85	--	--	--
Gage	Montrose	G-15	-22.22	-22.29	-22.74	--	--	--	--	-22.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.01	--	-20.30	--	--	-20.59	--	--	--
Gage	Montrose	G-16	-23.85	-23.89	-24.26	--	--	--	--	-23.54	--	--	--	-23.18	--	--	--	--	--	--	--	--	--	--	-21.23	--	-21.59	--	--	-22.00	--	--	--
Gage	Montrose	G-17	-24.22	-24.12	-24.28	--	--	--	--	-23.42	--	-23.33	--	--	--	--	--	--	--	-21.97	--	-21.90	--	--	-21.17	--	-21.55	--	--	-21.95	--	--	--
Gage	Montrose	G-18	-26.12	-26.00	-26.05	--	--	--	--	-25.02	--	--	--	--	--	--	--	--	--	--	--	-23.38	--	--	-22.62	--	-23.00	--	--	-23.38	--	--	--
Gage	Montrose	G-19A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-6	-25.51	-25.34	-25.41	--	--	--	--	-24.23	-24.24	-22.51	--	-23.95	--	--	--	--	--	-22.79	-22.67	--	--	--	-21.91	--	-22.36	--	--	-22.86	--	--	--
Gage	Montrose	G-IW-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	LG-01	-22.63	-22.63	-23.01	--	--	--	--	-22.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.05	--	-20.42	--	--	-20.75	--	--	--
Gage	Montrose	LG-02	-22.23	-22.25	-22.68	--	--	--	--	-22.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.87	--	-20.18	--	--	-20.53	--	--	--
Lynwood	Montrose	LW-01	-36.13	-35.37	-36.78	--	--	--	--	-31.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.57	--	--	--
Lynwood	Montrose	LW-02	-36.36	-35.62	-36.91	--	--	--	--	16.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.63	-33.46	--	--	--
Lynwood	Montrose	LW-03	-36.09	-35.36	-36.69	--	--	--	--	-31.26	--	--	--	-32.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.37	-33.33	--	--	--
Lynwood	Montrose	LW-04	-36.29	-35.56	-36.85	--	--	--	--	-31.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.39	-33.33	--	--	--
Lynwood	Montrose	LW-05	-36.06	-35.29	-36.76	--	--	--	--	-31.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.38	--	--	--
Lynwood	Montrose	LW-06	-36.11	-35.36	-36.74	--	--	--	--	-31.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.34	--	--	--
Lynwood	Montrose	LW-07	-36.10	-35.34	-36.76	--	--	--	--	-31.26	--	--	--	--	--	--	--	--	--	--	--	-29.70	--	--	--	--	--	--	--	-33.36	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec	1996 Jan	1996 Feb	1996 May	1996 Jun	1996 Aug	1996 Sep	1996 Oct	1997 Jan	1998 Feb	1998 Mar	1999 Jan	1999 Feb	2000 Jun	2000 Jul	2000 Aug	2001 Jan	2002 Jan	2002 Sep	2002 Oct
Gage	Montrose	G-03	--	-19.49	--	--	-19.35	--	--	--	-20.19	--	--	-18.49	--	-18.30	--	--	--	-16.38	-18.24	-17.32	--	-16.78	--	-17.33	--	--	--	--	-16.54	--
Gage	Montrose	G-04	--	-19.89	--	--	-19.00	--	--	--	-19.66	--	--	-19.18	--	-19.18	--	--	--	-19.24	-18.77	-18.27	--	-17.67	--	-18.04	--	--	--	--	-17.22	--
Gage	Montrose	G-05	--	-20.01	--	--	-19.90	--	--	--	-19.82	--	--	-19.28	--	-19.29	--	--	--	-19.36	-19.15	-18.42	--	-17.95	--	-18.16	--	--	--	--	--	-17.66
Gage	Montrose	G-06	--	-20.03	--	--	-19.89	--	--	--	-19.90	--	--	-19.31	--	-19.28	--	--	--	--	42.54	-18.40	--	-18.02	--	-18.23	--	--	--	--	-17.28	--
Gage	Montrose	G-08	--	-20.60	--	--	-20.57	--	--	--	-20.86	--	--	-19.98	--	-20.12	--	--	--	-18.71	-20.09	-19.48	--	-18.81	--	-18.99	--	--	--	--	-18.31	--
Gage	Montrose	G-09	--	-21.64	--	--	-21.70	--	--	--	-21.72	--	--	-40.69	--	-22.01	--	--	--	-21.90	-21.60	-21.11	--	-20.55	--	-20.66	--	--	--	--	-19.59	--
Gage	Montrose	G-12	--	-20.99	--	--	-20.97	--	--	--	-21.15	--	--	-20.43	--	-20.75	--	--	--	-20.94	-20.93	-20.18	--	-19.57	--	--	--	--	--	--	-18.84	--
Gage	Montrose	G-13	--	-21.03	--	--	-21.01	--	--	--	-21.07	--	--	-20.47	--	-20.72	--	--	--	-20.86	-20.75	-20.12	--	-19.49	--	--	-19.65	--	--	--	-18.71	--
Gage	Montrose	G-14	--	-19.61	--	--	-19.60	--	--	--	-19.31	--	--	-18.87	--	-18.86	--	--	--	-18.93	-18.49	-17.88	--	-17.37	--	-19.32	--	--	--	--	-16.95	--
Gage	Montrose	G-15	--	-19.68	--	--	-22.13	--	--	--	-19.34	--	--	-18.74	--	-18.53	--	--	--	-21.07	-18.28	-17.52	--	-17.10	--	-17.50	--	--	--	--	-16.56	--
Gage	Montrose	G-16	--	-20.74	--	--	-20.70	--	--	--	-20.67	--	--	-20.12	--	-20.17	--	--	--	-20.19	-20.13	-19.50	--	-19.88	--	--	-19.05	--	--	--	-18.03	--
Gage	Montrose	G-17	--	-20.56	--	--	-20.58	--	--	--	-20.53	--	--	-20.01	--	-20.24	--	--	--	-20.40	-20.21	-19.51	--	-19.06	--	--	--	--	--	--	--	-18.54
Gage	Montrose	G-18	--	-24.09	--	--	-21.90	--	--	--	-22.14	--	--	-21.23	--	-21.82	--	--	--	-22.13	-21.85	-21.45	--	-20.85	--	-20.82	--	--	--	--	-19.91	--
Gage	Montrose	G-19A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-6	--	-21.23	--	--	-21.35	--	--	--	-21.39	--	--	-20.84	--	-21.33	--	--	--	-21.58	-21.47	-20.84	--	-20.36	--	--	-20.39	--	--	--	-19.49	--
Gage	Montrose	G-IW-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	LG-01	--	-19.66	--	--	-19.58	--	--	--	-19.49	--	--	-18.87	--	-18.72	--	--	--	-21.45	-18.60	-17.66	--	-17.21	--	-17.68	--	--	--	--	-16.92	--
Gage	Montrose	LG-02	--	-19.51	--	--	-19.36	--	--	--	-19.22	--	--	-18.63	--	-18.41	--	--	--	-18.45	-18.32	-17.35	--	-16.88	--	-17.38	--	--	--	--	-16.60	--
Lynwood	Montrose	LW-01	--	-28.64	--	--	-30.90	--	--	--	-30.79	--	--	-30.54	--	-32.85	--	--	--	-34.14	-33.59	-33.29	--	-33.72	--	-32.35	--	--	--	--	-30.25	-30.62
Lynwood	Montrose	LW-02	--	-28.64	--	--	-30.86	--	--	--	-30.93	--	--	-30.65	--	-32.90	--	--	--	-34.27	-33.81	-33.65	--	-33.94	--	-32.43	--	--	--	--	-30.33	-30.79
Lynwood	Montrose	LW-03	--	-28.40	--	--	-29.66	--	--	--	-30.70	--	--	-30.29	--	-32.63	--	--	--	-33.92	-33.31	-33.00	--	-33.45	--	-32.16	--	--	--	--	-30.35	-30.72
Lynwood	Montrose	LW-04	--	-28.37	--	--	-30.64	--	--	--	-30.91	--	--	-30.45	--	-32.79	--	--	--	-34.08	-33.56	-33.37	--	-33.74	--	-32.18	--	--	--	--	-30.19	-30.62
Lynwood	Montrose	LW-05	--	-28.48	--	--	-30.69	--	--	--	-30.72	--	--	-30.29	--	-32.55	--	--	--	-33.85	-33.28	-32.93	--	-33.37	--	-31.31	--	--	--	--	-30.23	-30.59
Lynwood	Montrose	LW-06	--	-28.42	--	--	-30.64	--	--	--	-30.71	--	--	-30.31	--	-30.33	--	--	--	-33.85	-33.37	-33.03	--	-33.47	--	-32.14	--	--	--	--	-30.17	-30.61
Lynwood	Montrose	LW-07	--	-28.42	--	--	-30.66	--	--	--	-30.73	--	--	-30.33	--	-32.64	--	--	--	-33.92	-33.39	-33.05	--	-33.48	--	-32.12	--	--	--	--	-30.17	-30.55

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	2004 Jan	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2005 Feb	2005 Mar	2005 Jul	2005 Dec	2006 Sep	2006 Oct	2006 Dec	2011 Feb	2012 Feb	2012 Mar	2012 Nov	2014 Sep
Gage	Montrose	G-03	-16.11	--	--	--	--	--	--	--	--	--	--	-15.41	--	-14.59	-13.79	--	-12.48	--	--	-11.24	--	--	-11.38
Gage	Montrose	G-04	-16.72	--	--	--	--	--	--	--	--	--	--	-15.86	--	-15.06	-14.24	--	-12.91	--	--	-11.75	--	--	-12.02
Gage	Montrose	G-05	-17.02	--	--	--	--	--	--	--	--	--	--	--	--	-15.23	-14.30	--	-13.11	--	--	-11.70	--	--	-11.88
Gage	Montrose	G-06	-16.93	--	--	--	--	--	-16.68	--	--	--	--	-15.97	-15.97	-15.21	-15.37	--	-13.08	--	--	-11.68	--	--	-11.83
Gage	Montrose	G-08	-17.88	--	--	--	--	--	--	--	--	--	--	-16.87	--	-16.06	-15.20	--	-13.82	--	--	-12.25	--	--	-12.28
Gage	Montrose	G-09	-19.19	--	--	--	--	--	--	--	--	--	--	--	--	-16.83	-15.91	--	15.39	--	--	-13.10	--	--	-13.12
Gage	Montrose	G-12	-18.50	--	--	--	--	--	--	--	--	--	--	--	--	-16.31	-15.42	--	-15.10	--	--	-12.65	--	--	-12.77
Gage	Montrose	G-13	-18.26	--	--	--	--	--	--	--	--	--	--	-17.06	--	-16.24	-15.36	--	-14.03	--	--	-12.56	--	--	-12.56
Gage	Montrose	G-14	-16.58	--	--	--	--	--	--	--	--	--	--	-15.57	--	-14.77	-13.94	--	-12.80	--	--	-11.57	--	--	-12.03
Gage	Montrose	G-15	-17.88	--	--	--	--	--	--	--	--	--	--	-15.47	--	-14.72	-13.84	--	-12.53	--	--	-11.17	--	--	-11.18
Gage	Montrose	G-16	-17.63	--	--	--	--	--	--	--	--	--	--	-16.65	--	-15.85	-15.00	--	-13.68	--	--	-12.15	--	--	-12.10
Gage	Montrose	G-17	-17.31	--	--	--	--	--	--	--	--	--	--	--	--	-15.81	-14.93	--	-13.61	--	--	-12.22	--	--	-12.26
Gage	Montrose	G-18	-19.50	--	--	--	--	--	--	--	--	--	--	-18.01	--	-17.09	-16.18	--	-14.89	--	--	-13.13	--	--	-13.15
Gage	Montrose	G-19A	--	--	--	--	--	--	--	--	--	--	-18.13	-18.47	-17.42	-16.63	-15.70	--	-14.45	--	--	-12.37	--	--	-12.88
Gage	Montrose	G-20	--	--	--	--	--	--	--	--	-15.64	--	--	--	-14.95	-14.20	-13.37	--	--	--	--	-11.00	--	--	-11.02
Gage	Montrose	G-21	--	--	--	--	--	--	--	--	-15.86	-15.75	--	-15.24	-15.13	-14.39	-13.53	--	-12.30	--	--	-11.65	--	--	-11.79
Gage	Montrose	G-22	--	--	--	--	--	--	--	--	--	-18.73	-18.60	-17.84	-17.74	-16.87	-16.02	--	-14.64	--	--	-12.59	--	--	-12.73
Gage	Montrose	G-23	--	--	--	--	--	--	--	--	--	-18.57	-18.22	-17.75	-17.71	-16.82	-15.95	--	-14.67	--	--	-12.45	--	--	-12.58
Gage	Montrose	G-24	--	--	--	--	--	--	--	--	--	-17.10	-16.77	-16.41	-16.40	-15.60	-14.72	--	-13.45	--	--	-11.78	--	--	-11.58
Gage	Montrose	G-25	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.50	-13.73	--	-12.40	--	--	-10.76	--	--	-10.61
Gage	Montrose	G-26	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.99	-14.55	--	-13.22	--	--	-11.15	--	--	-11.03
Gage	Montrose	G-27	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.52	-15.66	--	-14.38	--	--	-12.04	--	--	-11.99
Gage	Montrose	G-28	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.20	-17.35	--	-15.97	--	--	-13.45	--	--	-13.34
Gage	Montrose	G-29	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.09	-18.25	--	-16.79	--	--	-14.82	--	--	-14.55
Gage	Montrose	G-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.01	--	-12.59	--	--	-10.96	--	--	-10.59
Gage	Montrose	G-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.92	--	-19.25	--	--	-17.12	--	--	-16.32
Gage	Montrose	G-32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.86	--	-19.27	--	--	-17.75	--	--	-16.89
Gage	Montrose	G-33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.58	--	-12.22	--	--	-10.82	--	--	-10.51
Gage	Montrose	G-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.53	--	--	-13.36	--	--	-13.21
Gage	Montrose	G-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.43	--	--	-12.55
Gage	Montrose	G-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.35	--	--	-11.68	--	--	-11.85
Gage	Montrose	G-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.79	--	--	-12.62	--	--	-12.78
Gage	Montrose	G-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.41	--	--	-11.64	--	--	-11.57
Gage	Montrose	G-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.83	--	--	-10.80	--	--	-10.55
Gage	Montrose	G-IW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.56	--	--	-14.56	--	--	-13.57
Gage	Montrose	G-IW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.49
Gage	Montrose	G-IW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.36
Gage	Montrose	G-IW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.37
Gage	Montrose	G-IW-6	-19.04	--	--	--	--	--	--	--	--	--	--	--	-17.43	-16.66	-15.80	--	-14.46	--	--	-13.19	--	--	-13.36
Gage	Montrose	G-IW-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.54
Gage	Montrose	G-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.86	--	--	-10.82	--	--	-10.34
Gage	Montrose	G-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.56	--	--	-12.71	--	-13.13	-12.66
Gage	Montrose	G-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.49	--	--	-11.65	--	--	-11.64
Gage	Montrose	LG-01	-16.45	--	--	--	--	--	--	--	--	--	--	-15.69	--	-14.87	-14.04	--	-12.73	--	--	-11.48	--	--	-11.68
Gage	Montrose	LG-02	-16.22	--	--	--	--	--	--	--	--	--	--	-15.45	--	-14.63	-13.80	-12.76	--	--	--	-11.27	--	--	-11.59
Lynwood	Montrose	LW-01	-29.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.58	--	--	-22.78	--	-23.28	-21.47
Lynwood	Montrose	LW-02	-29.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.73	--	--	-22.91	--	-23.38	-21.48
Lynwood	Montrose	LW-03	-29.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.65	--	--	-23.00	--	-23.47	-21.67
Lynwood	Montrose	LW-04	-29.63	--	--	--	--	--	--	--	--	--	--	--	-26.36	--	--	--	-22.58	--	--	-22.74	--	-23.26	-21.46
Lynwood	Montrose	LW-05	-29.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.45	--	--	-22.84	--	-23.27	-21.43
Lynwood	Montrose	LW-06	-29.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.53	--	--	-22.84	--	-23.30	-21.40
Lynwood	Montrose	LW-07	-29.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.48	--	--	-22.69	--	-23.22	-21.31

Notes:

-- = Not Available

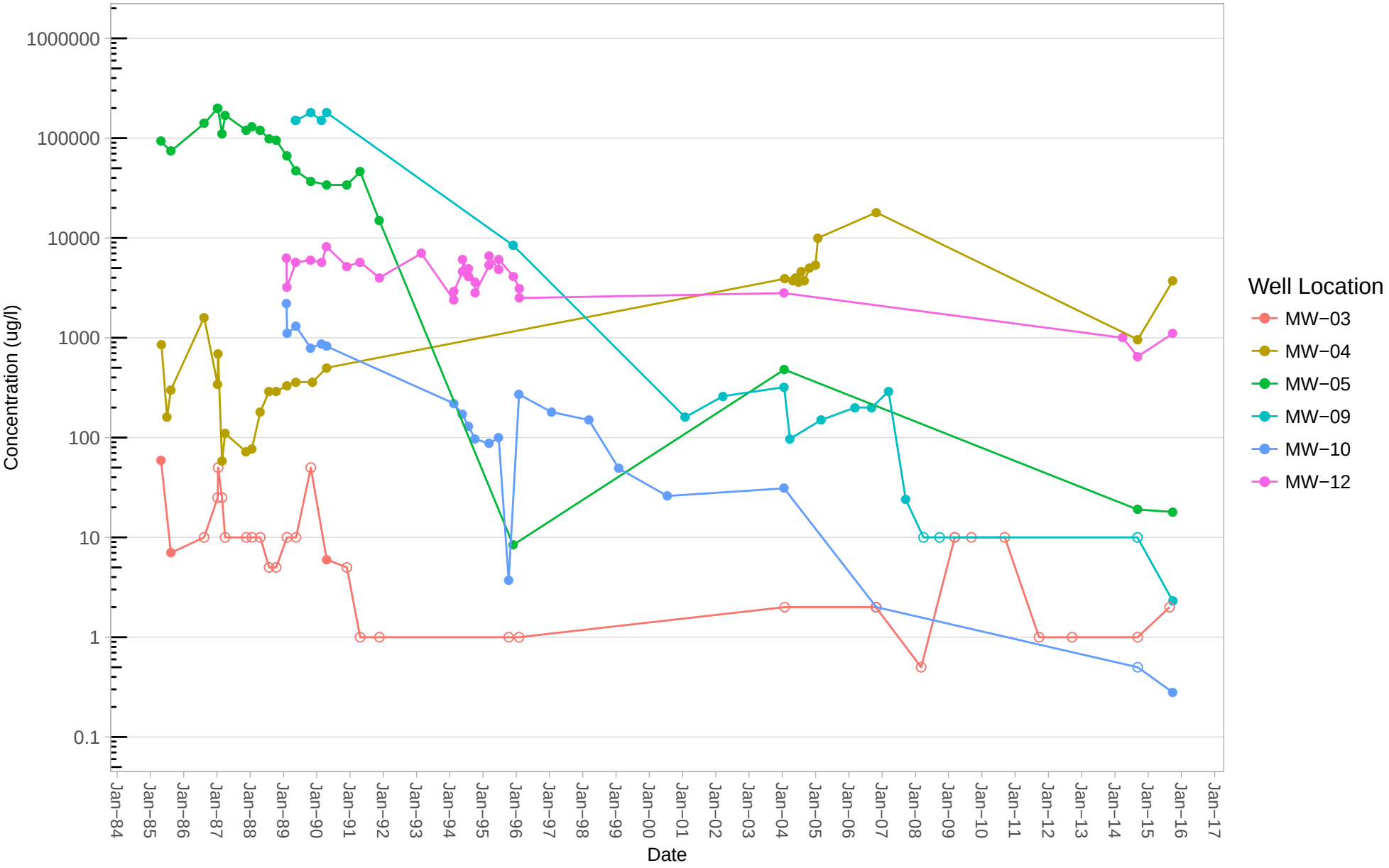
All elevations in feet MSL

APPENDIX D-Not Used

APPENDIX E

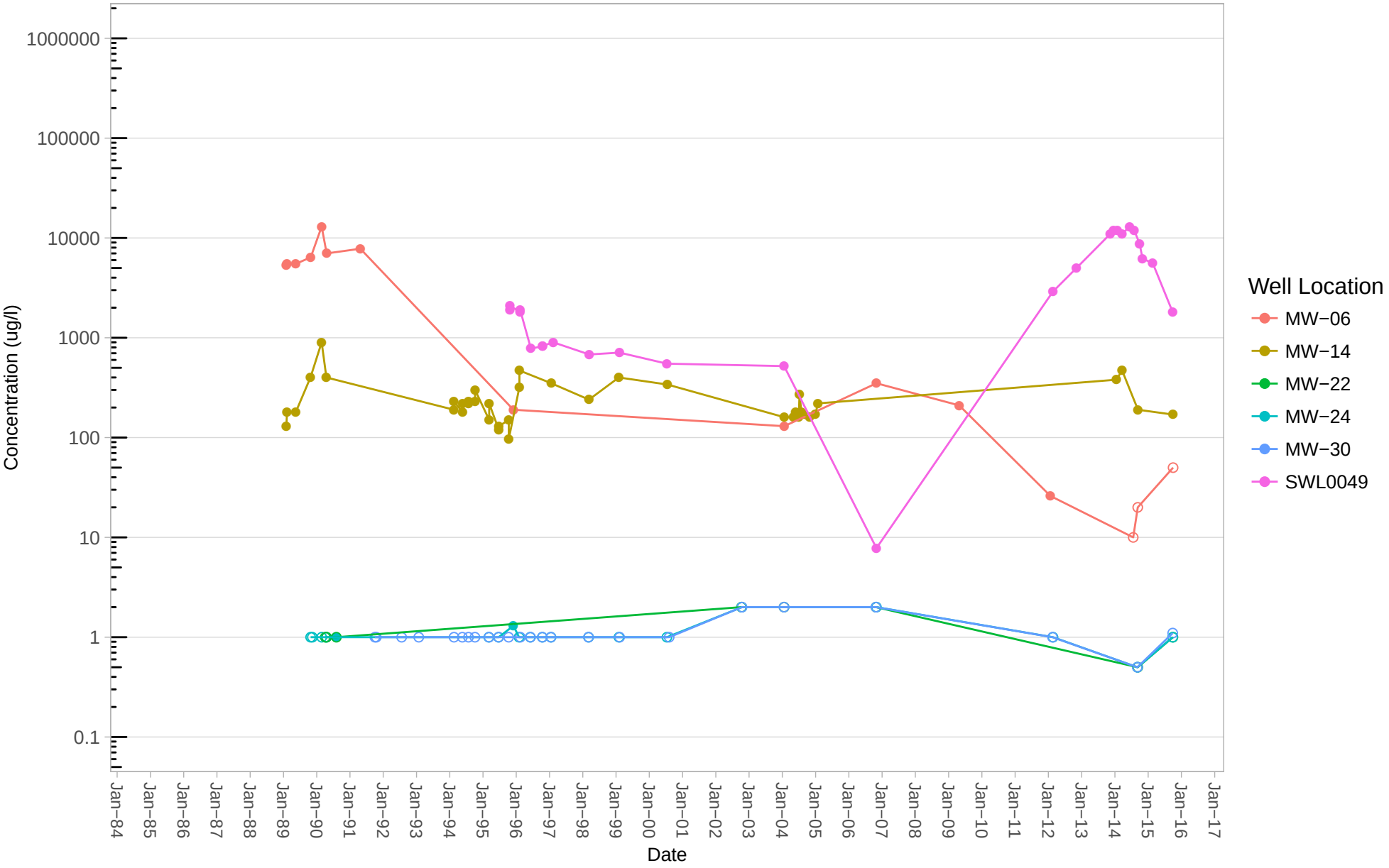
CHLOROBENZENE, pCBSA, AND CHLOROFORM

Graph E−01 − Chlorobenzene
Time vs Concentration Plot, North of Montrose Property, Water Table
Montrose Superfund Site



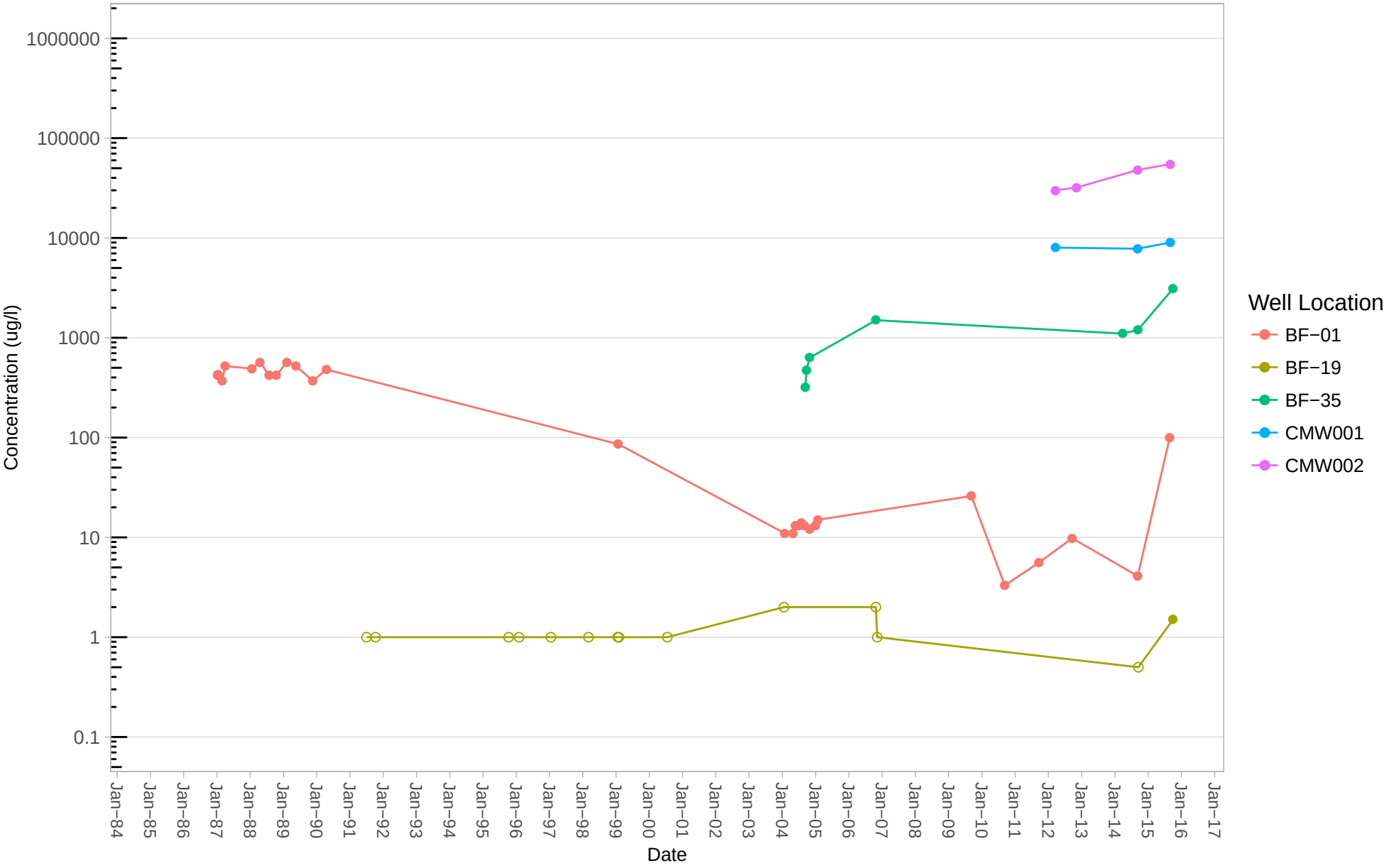
Notes: Nondetects reported as white circles at the reporting limit

Graph E−02 − Chlorobenzene
Time vs Concentration Plot, South of Montrose Property, Water Table
Montrose Superfund Site



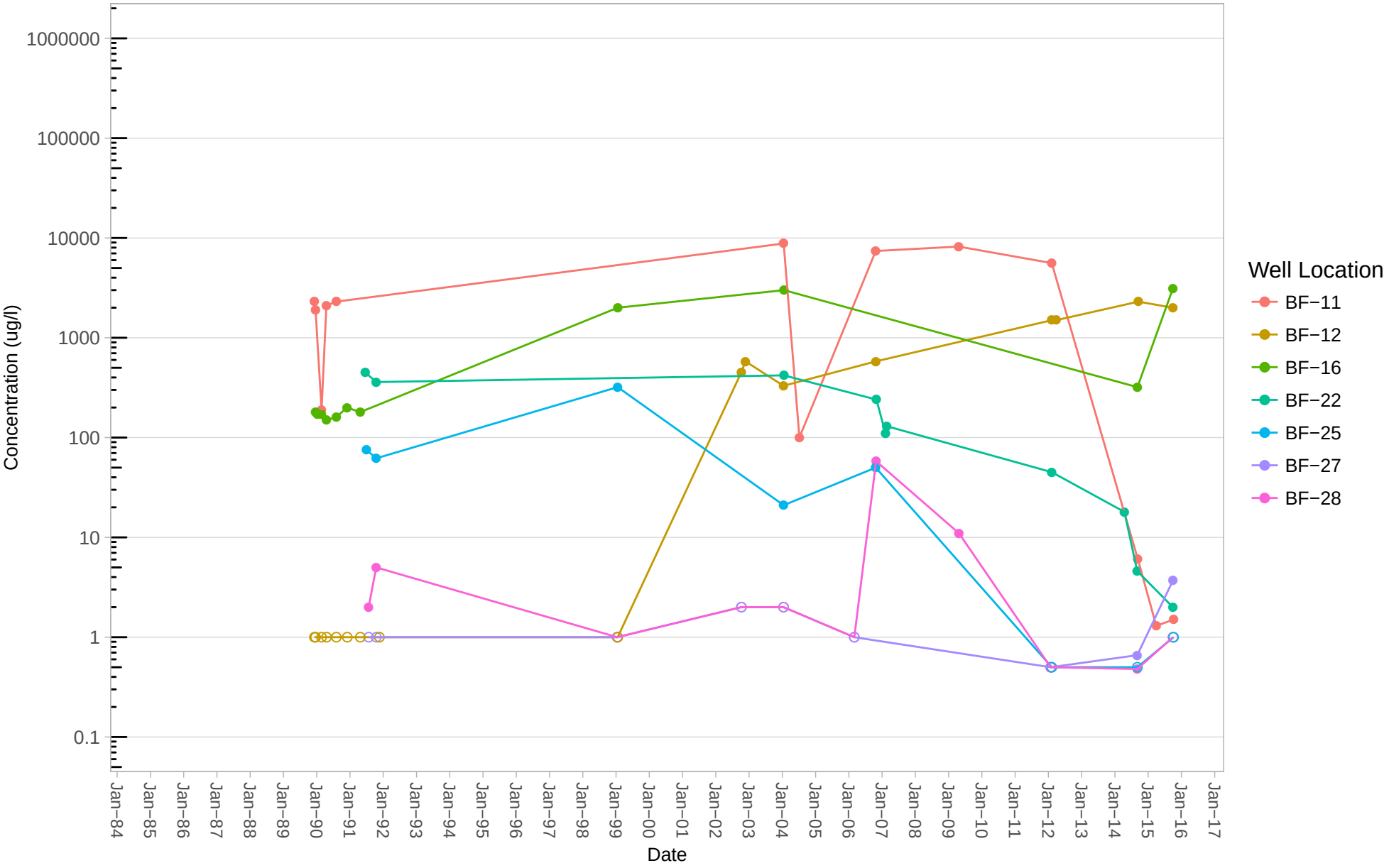
Notes: Nondetects reported as white circles at the reporting limit

Graph E−03 − Chlorobenzene
Time vs Concentration Plot, North of Montrose Property, MBFC Aquifer
Montrose Superfund Site



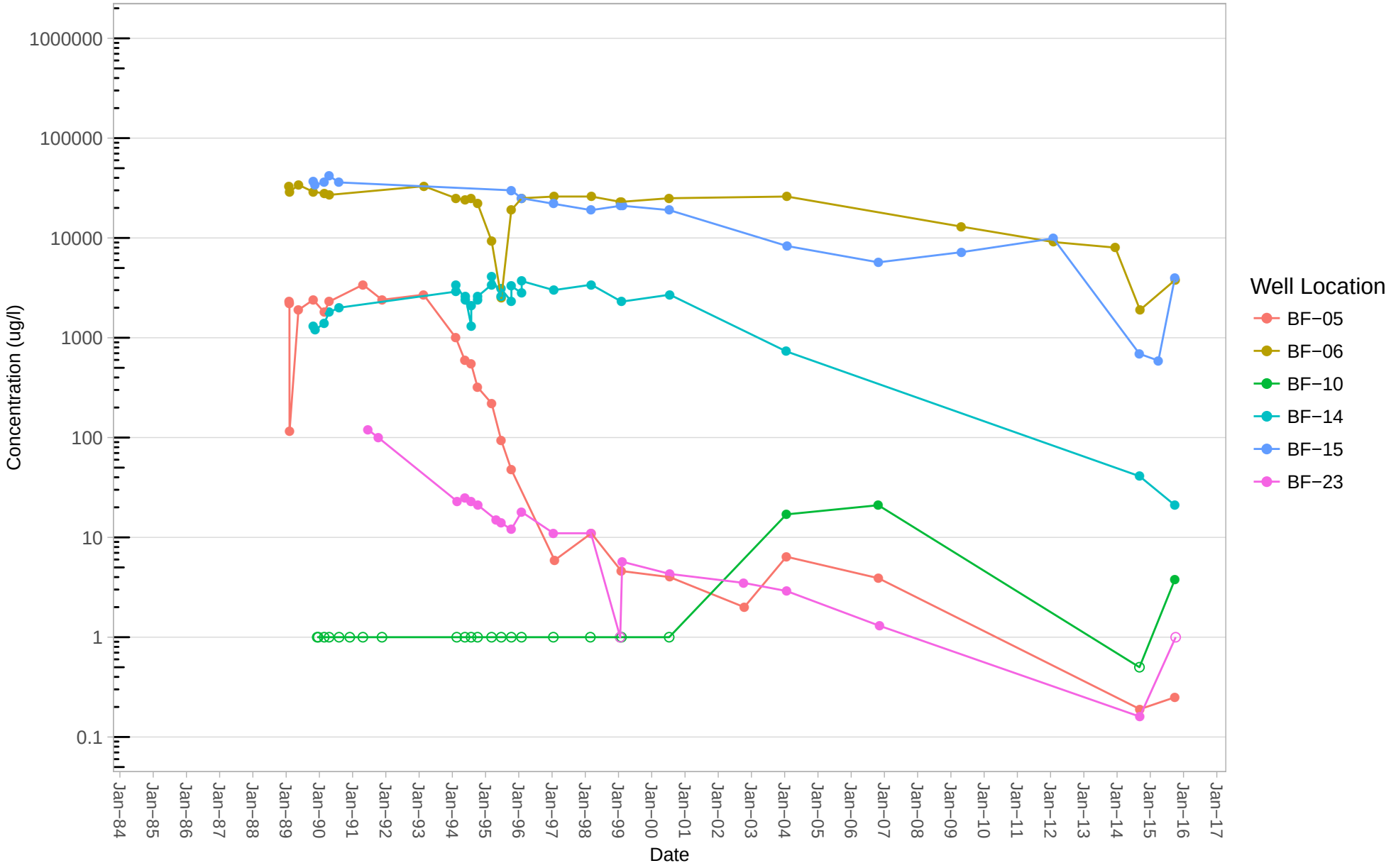
Notes: Nondetects reported as white circles at the reporting limit

Graph E−04 − Chlorobenzene
Time vs Concentration Plot, South of Montrose Property, MBFC Aquifer
Montrose Superfund Site



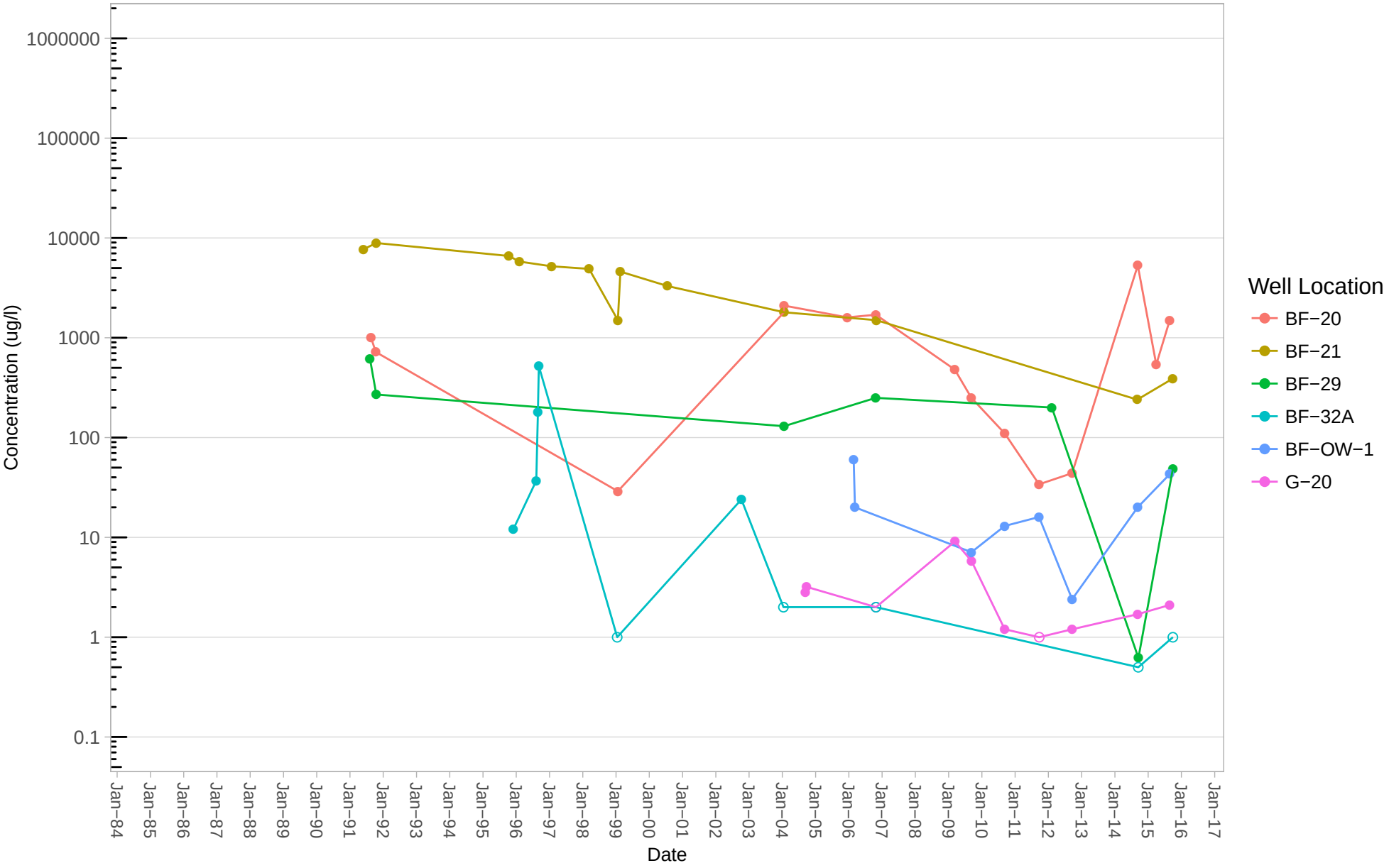
Notes: Nondetects reported as white circles at the reporting limit

Graph E−05 − Chlorobenzene
Time vs Concentration Plot, East of Montrose Property, MBFC Aquifer
Montrose Superfund Site



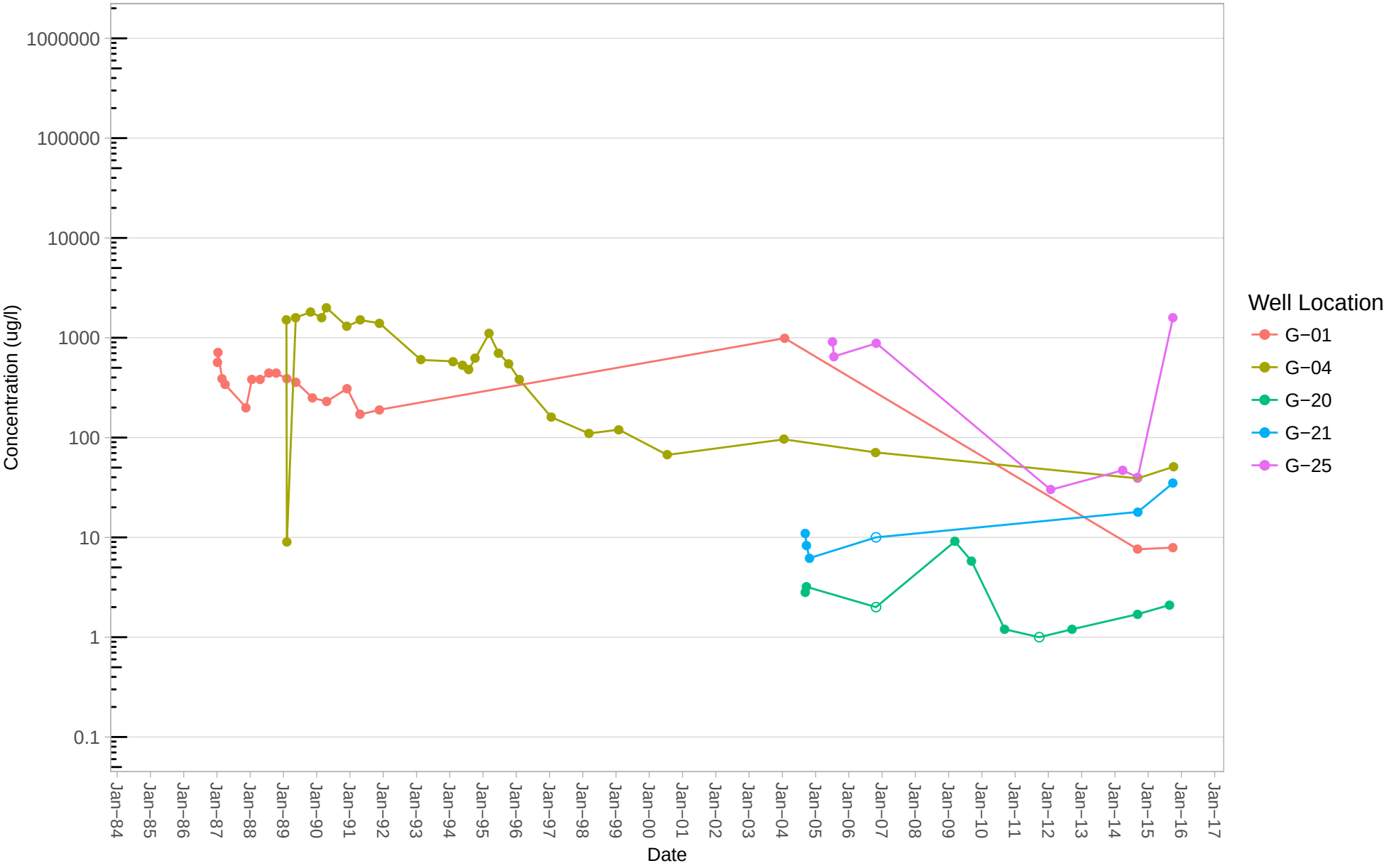
Notes: Nondetects reported as white circles at the reporting limit

Graph E−06 − Chlorobenzene
Time vs Concentration Plot, West of Montrose Property, MBFC Aquifer
Montrose Superfund Site



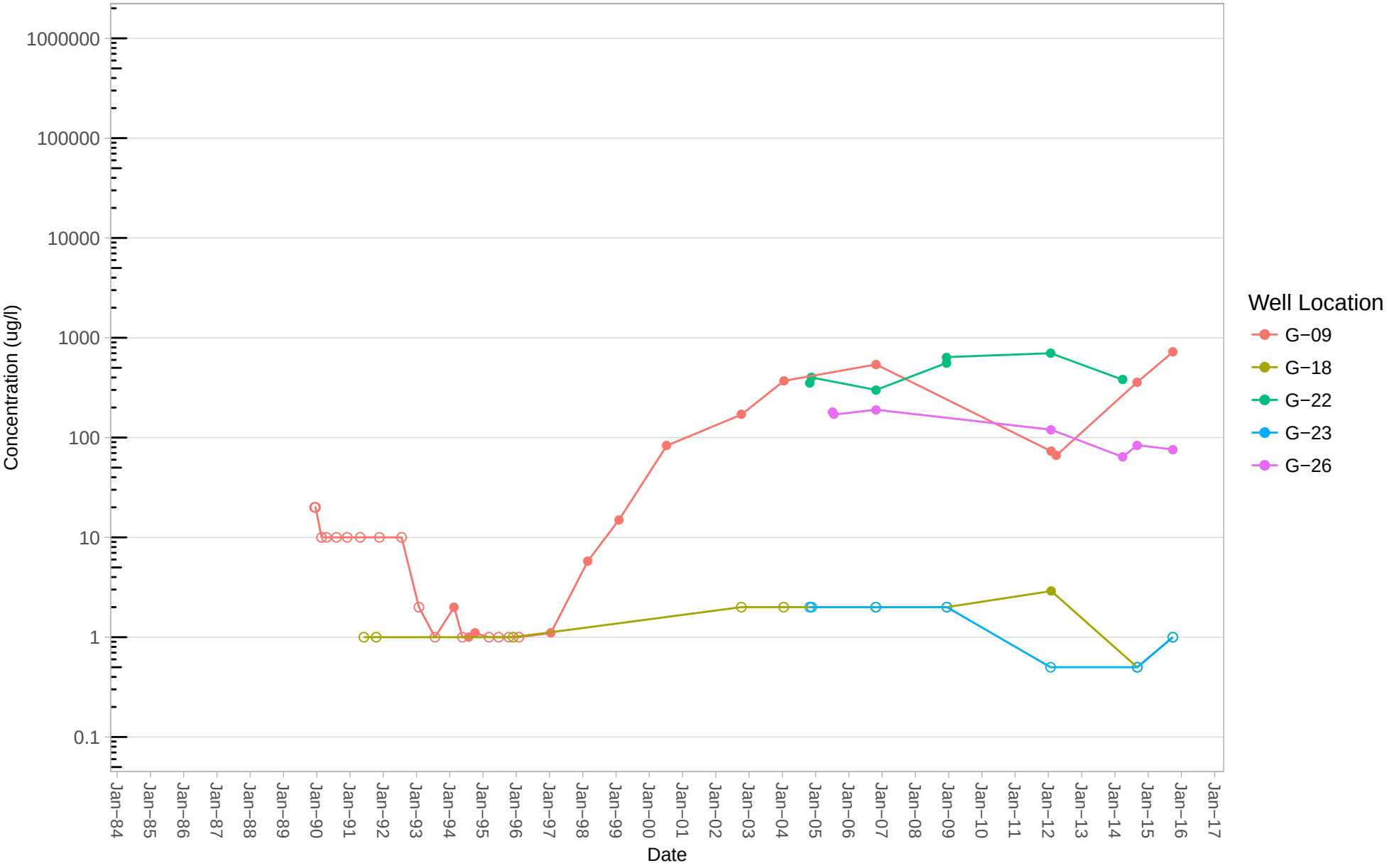
Notes: Nondetects reported as white circles at the reporting limit

Graph E−07 − Chlorobenzene
Time vs Concentration Plot, Northwest of Montrose Property, Gage Aquifer
Montrose Superfund Site



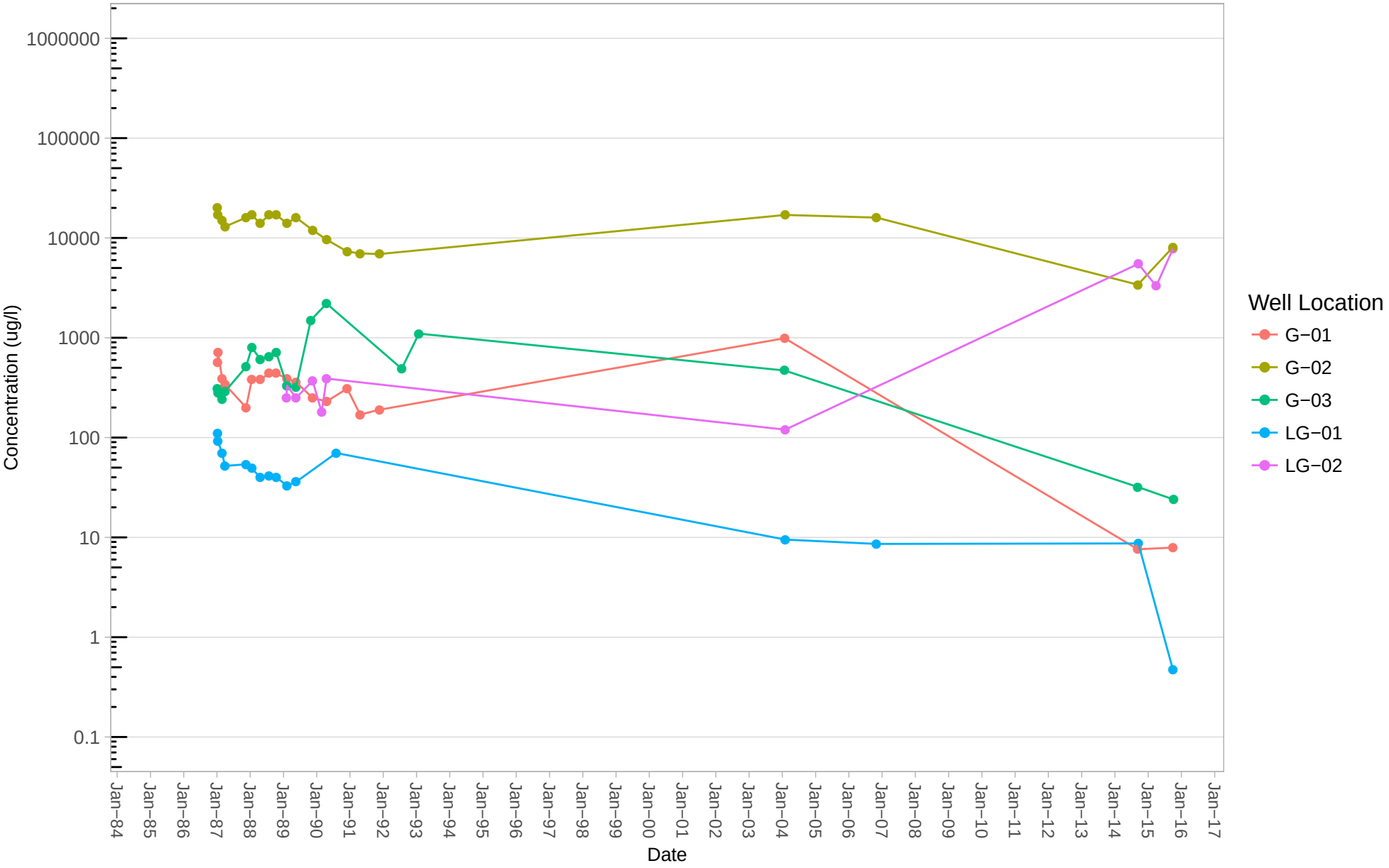
Notes: Nondetects reported as white circles at the reporting limit

Graph E−08 − Chlorobenzene
Time vs Concentration Plot, Southeast of Montrose Property, Gage Aquifer
Montrose Superfund Site



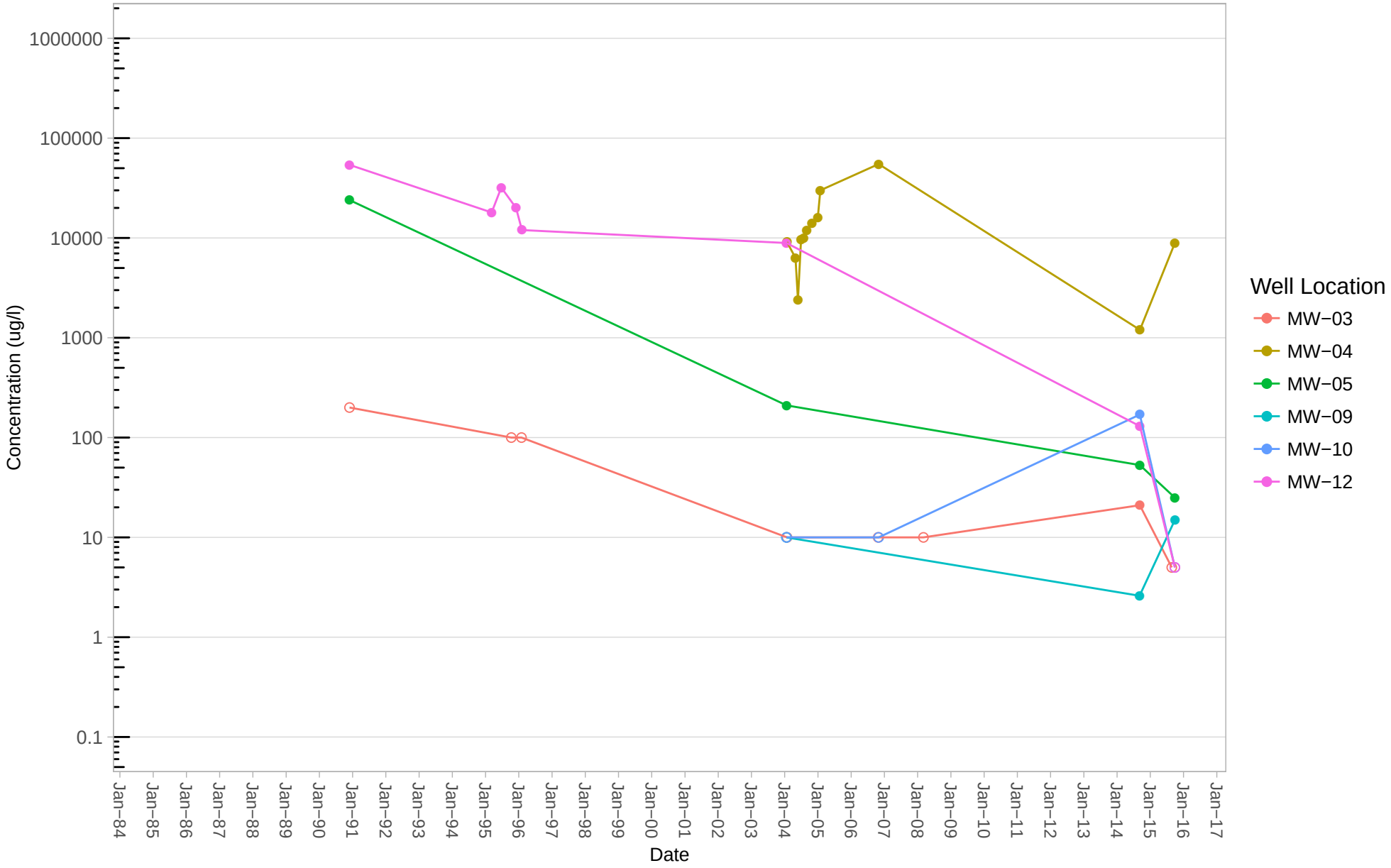
Notes: Nondetects reported as white circles at the reporting limit

Graph E−09 − Chlorobenzene
Time vs Concentration Plot, Montrose Property, Gage Aquifer
Montrose Superfund Site



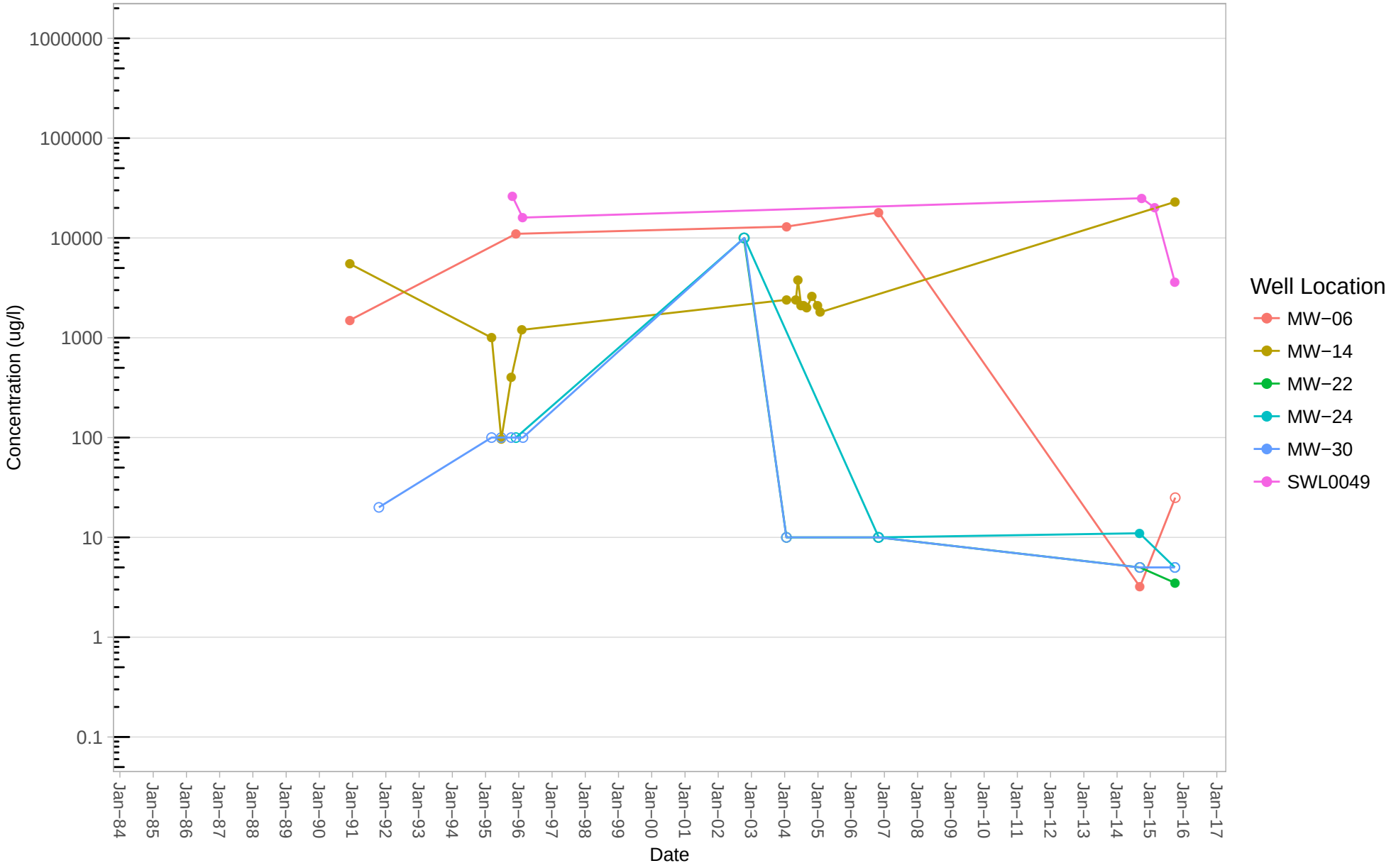
Notes: Nondetects reported as white circles at the reporting limit

Graph E−10 − pCBSA
Time vs Concentration Plot, North of Montrose Property, Water Table
Montrose Superfund Site



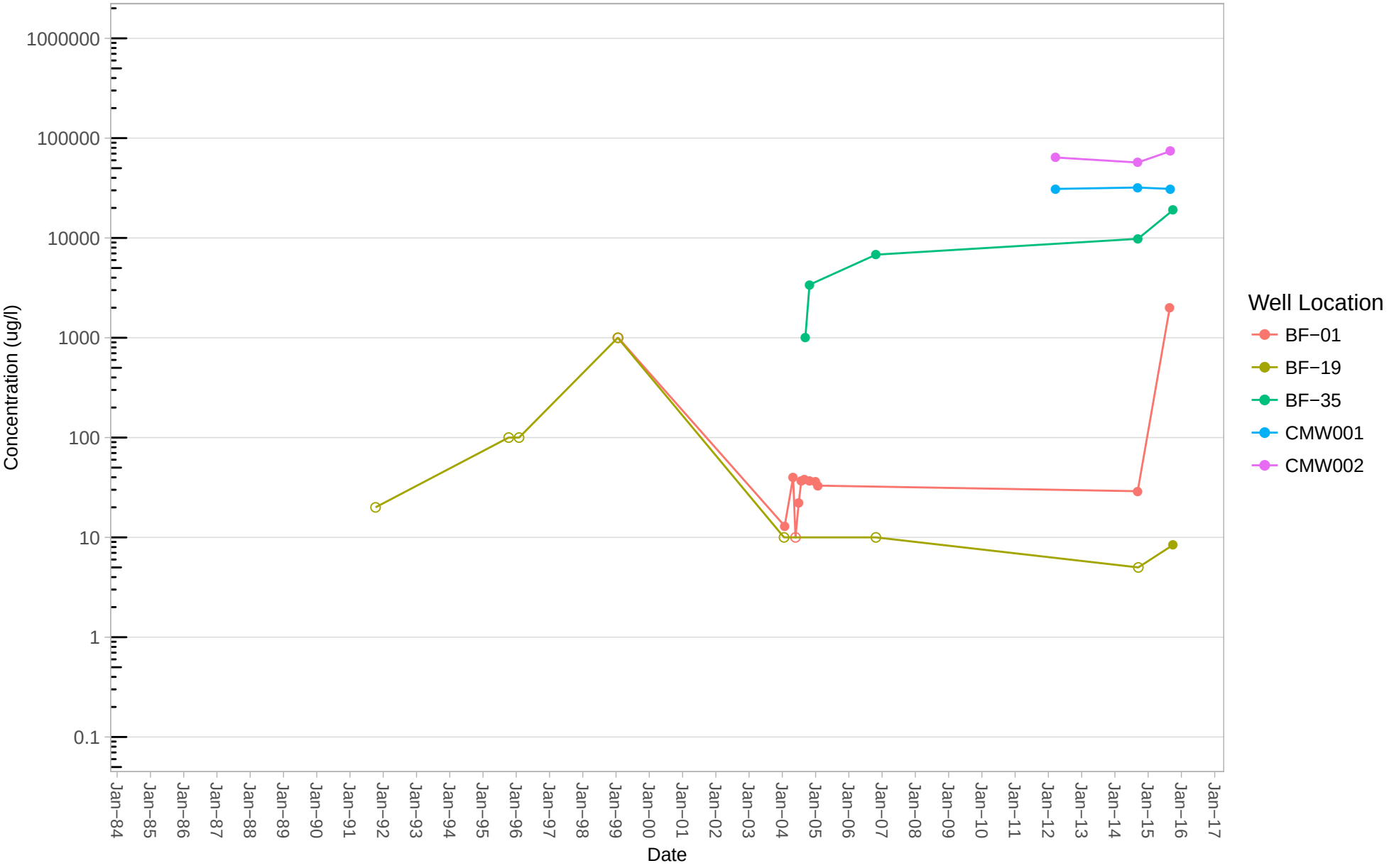
Notes: Nondetects reported as white circles at the reporting limit

Graph E−11 − pCBSA
Time vs Concentration Plot, South of Montrose Property, Water Table
Montrose Superfund Site



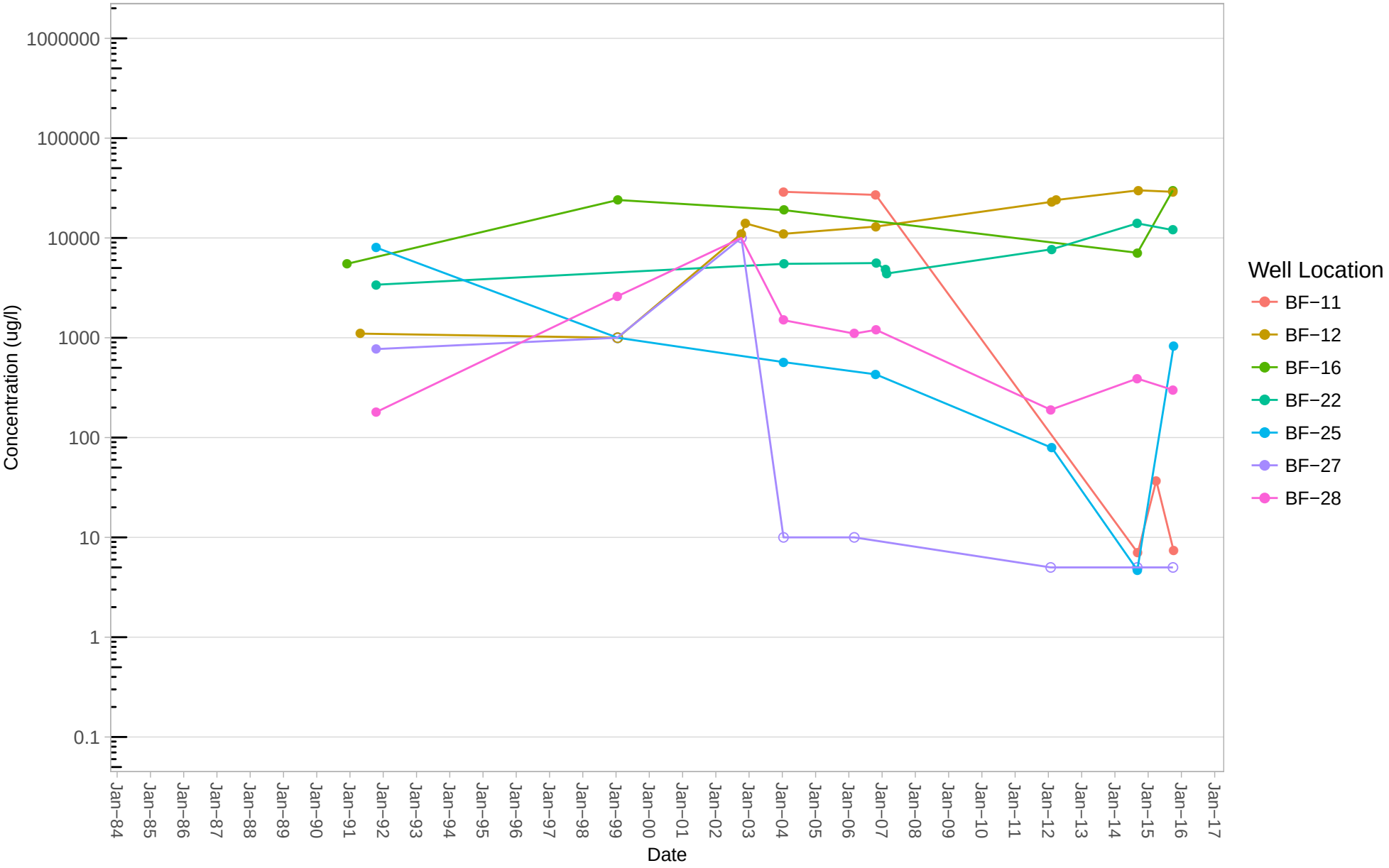
Notes: Nondetects reported as white circles at the reporting limit

Graph E−12 − pCBSA
Time vs Concentration Plot, North of Montrose Property, MBFC Aquifer
Montrose Superfund Site



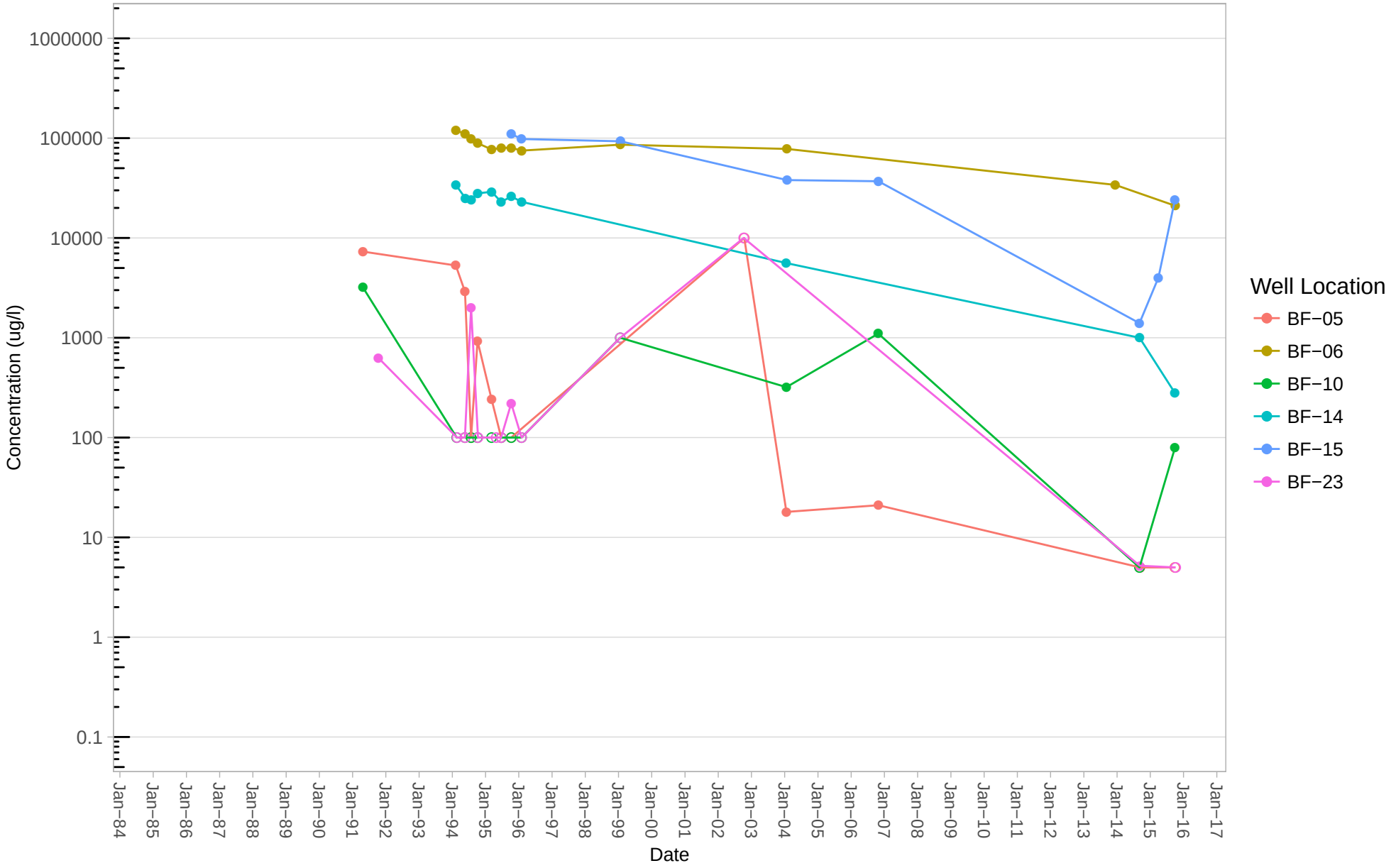
Notes: Nondetects reported as white circles at the reporting limit

Graph E−13 − pCBSA
Time vs Concentration Plot, South of Montrose Property, MBFC Aquifer
Montrose Superfund Site



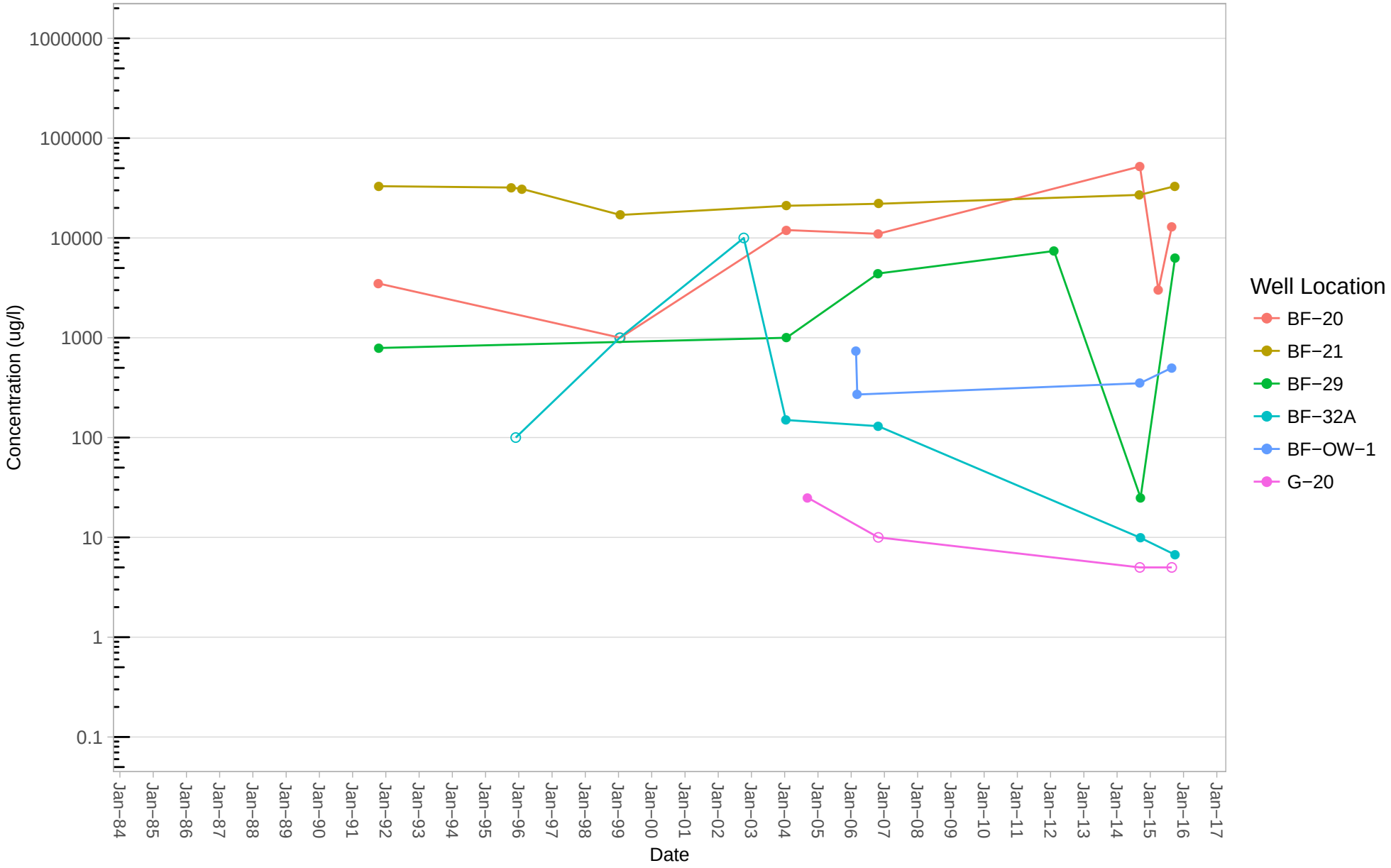
Notes: Nondetects reported as white circles at the reporting limit

Graph E−14 − pCBSA
Time vs Concentration Plot, East of Montrose Property, MBFC Aquifer
Montrose Superfund Site



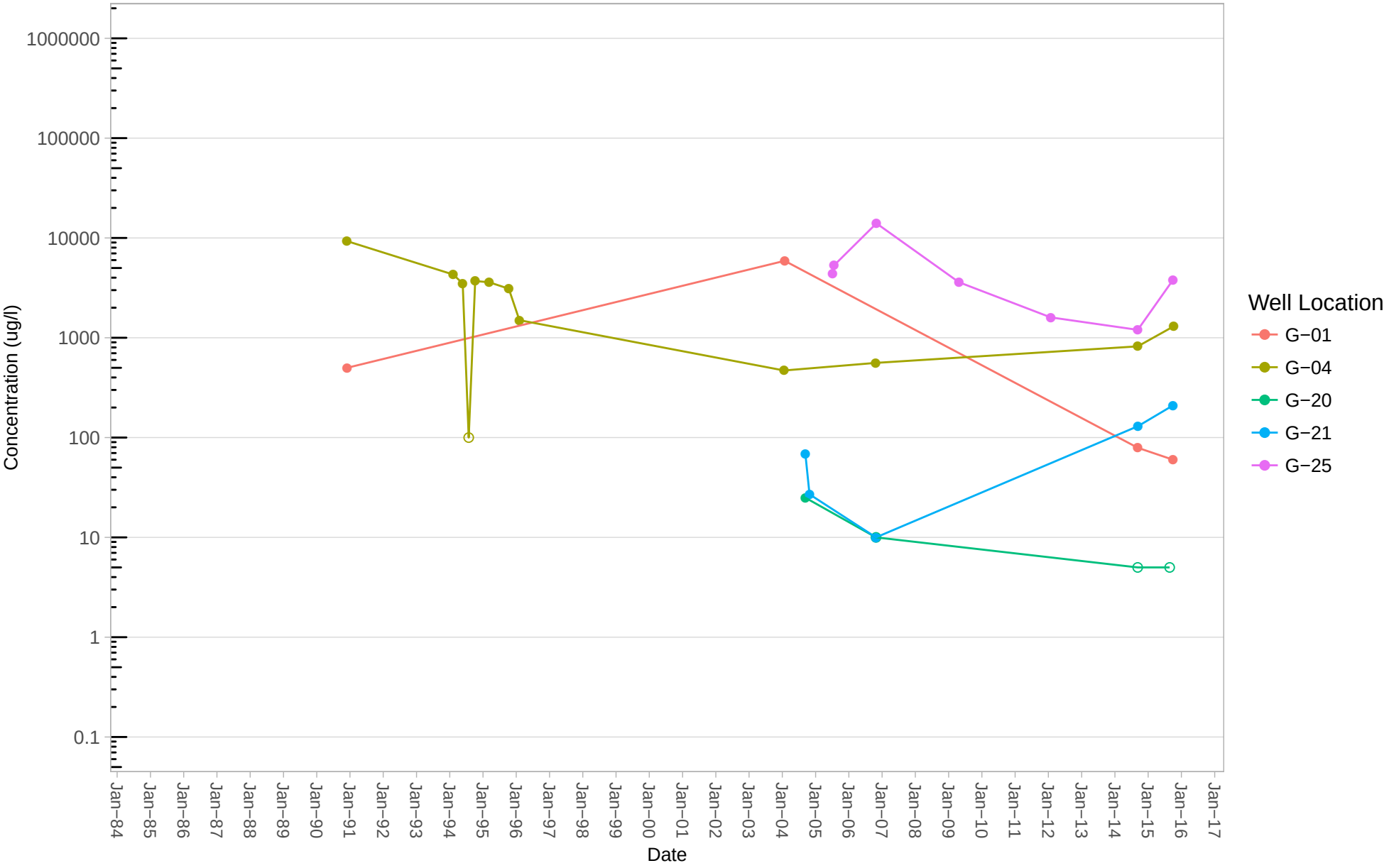
Notes: Nondetects reported as white circles at the reporting limit

Graph E−15 − pCBSA
Time vs Concentration Plot, West of Montrose Property, MBFC Aquifer
Montrose Superfund Site



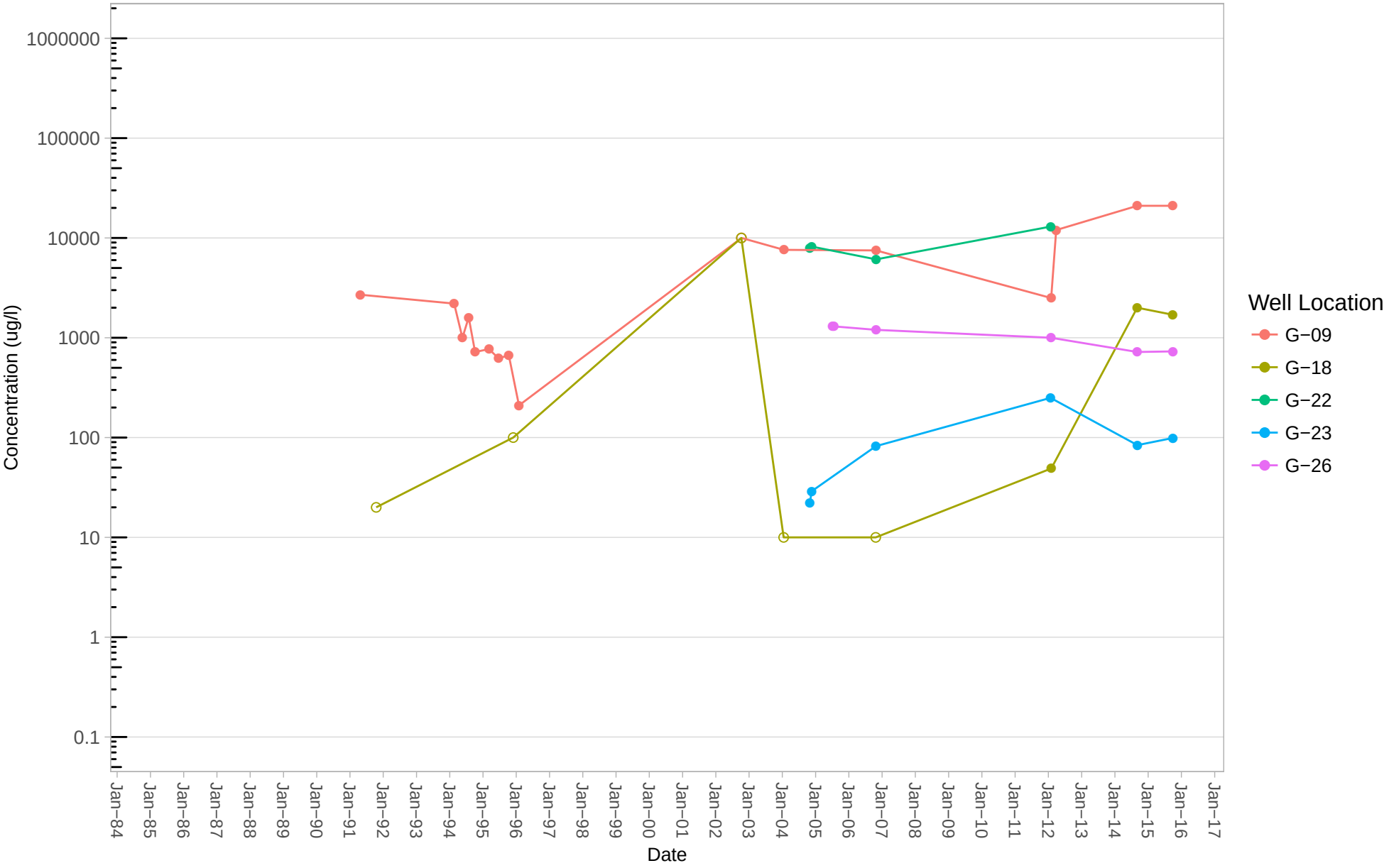
Notes: Nondetects reported as white circles at the reporting limit

Graph E−16 − pCBSA
Time vs Concentration Plot, Northwest of Montrose Property, Gage Aquifer
Montrose Superfund Site



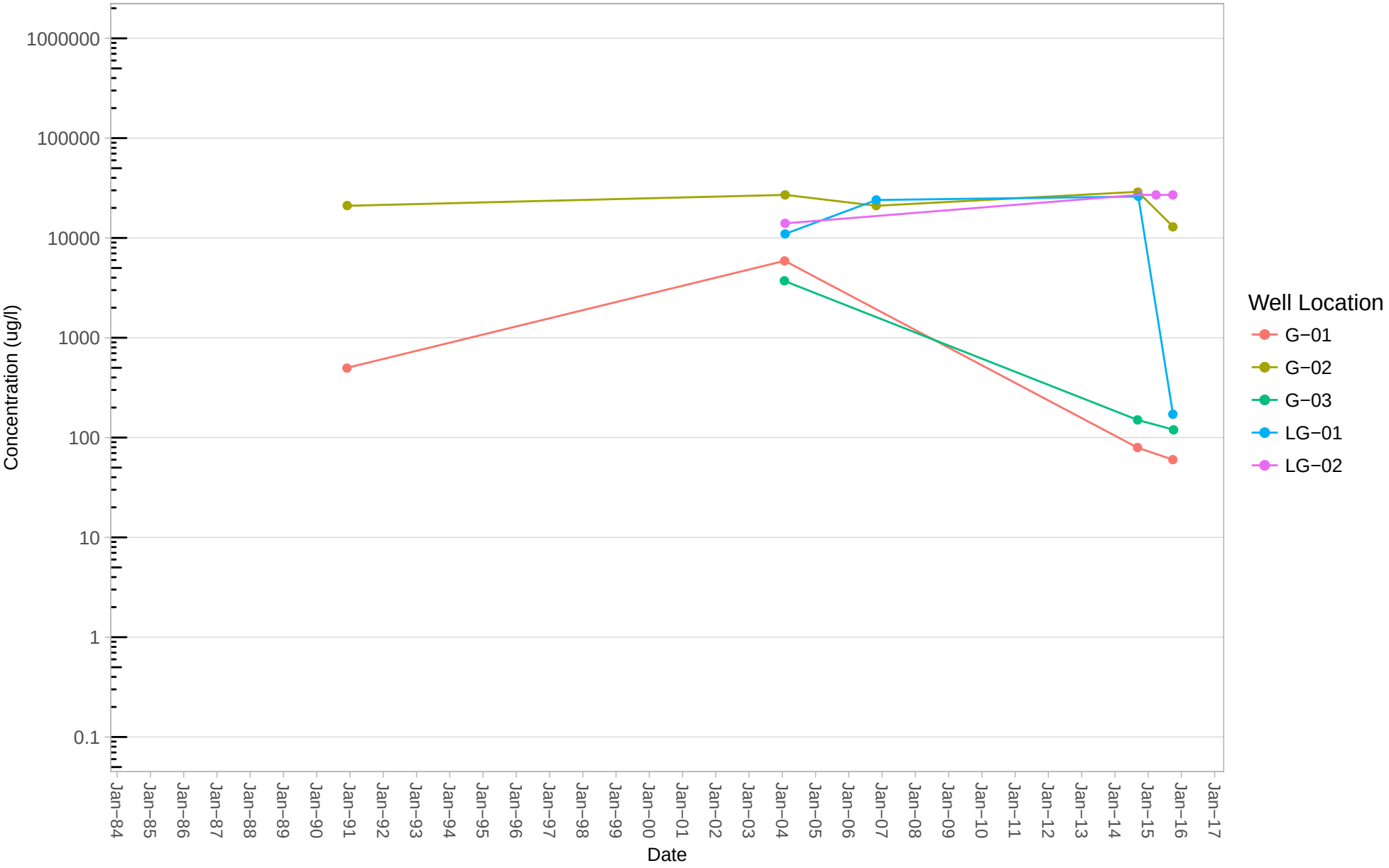
Notes: Nondetects reported as white circles at the reporting limit

Graph E−17 − pCBSA
Time vs Concentration Plot, Southeast of Montrose Property, Gage Aquifer
Montrose Superfund Site



Notes: Nondetects reported as white circles at the reporting limit

Graph E−18 − pCBSA
Time vs Concentration Plot, Montrose Property, Gage Aquifer
Montrose Superfund Site

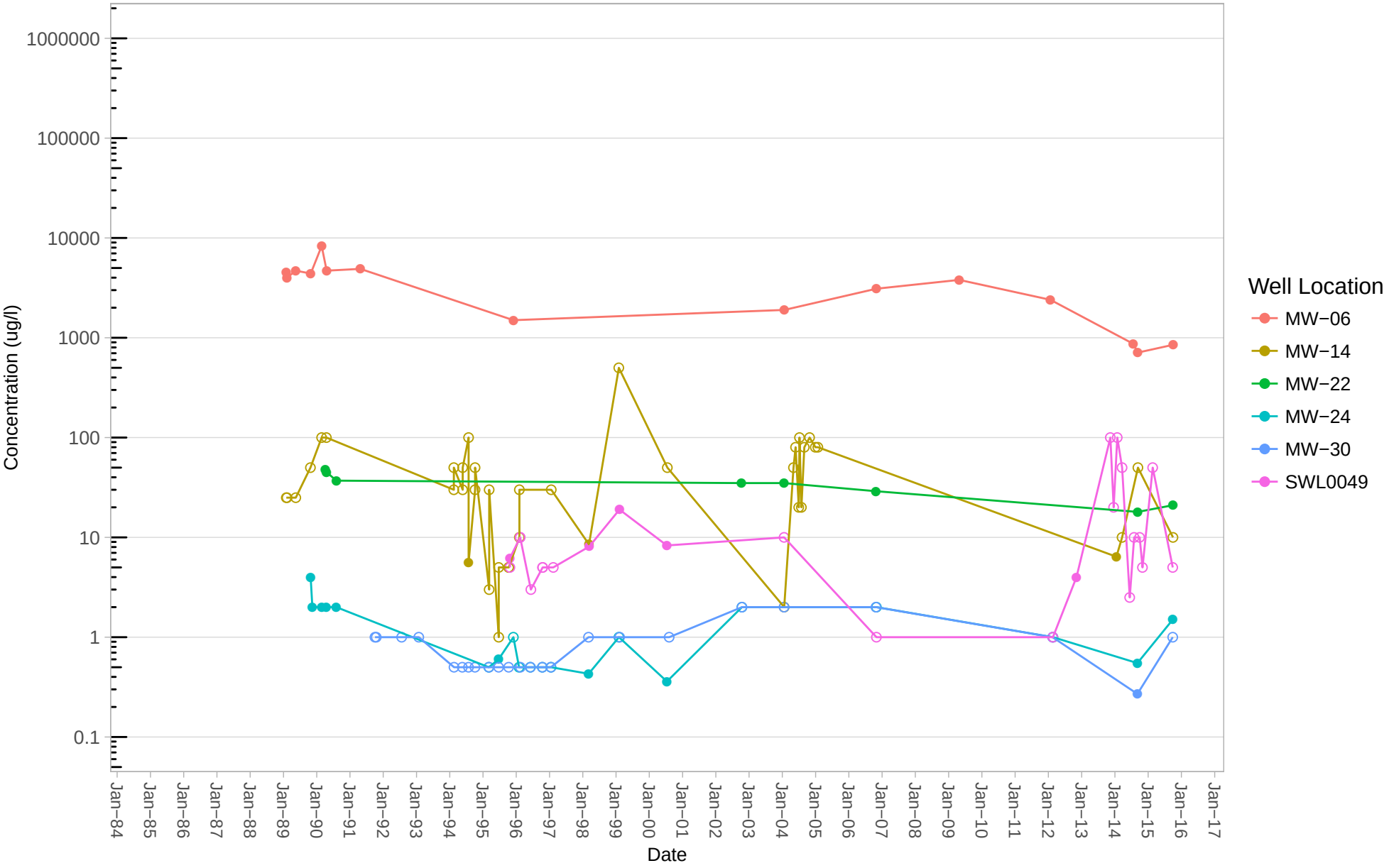


Notes: Nondetects reported as white circles at the reporting limit

Graph E−19 − Chloroform
Time vs Concentration Plot, North of Montrose Property, Water Table
Montrose Superfund Site

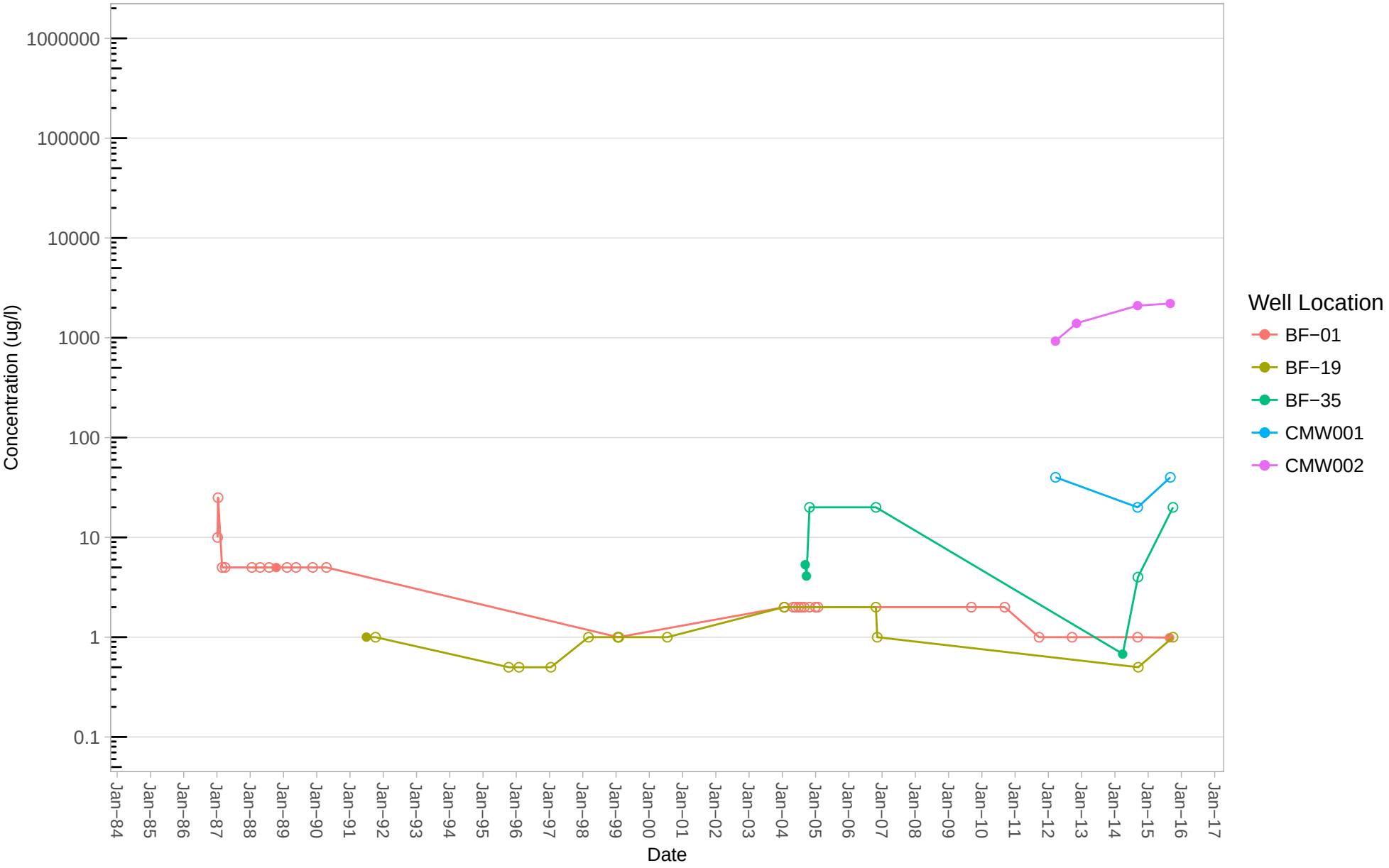
Notes: Nondetects reported as white circles at the reporting limit

Graph E−20 − Chloroform
Time vs Concentration Plot, South of Montrose Property, Water Table
Montrose Superfund Site



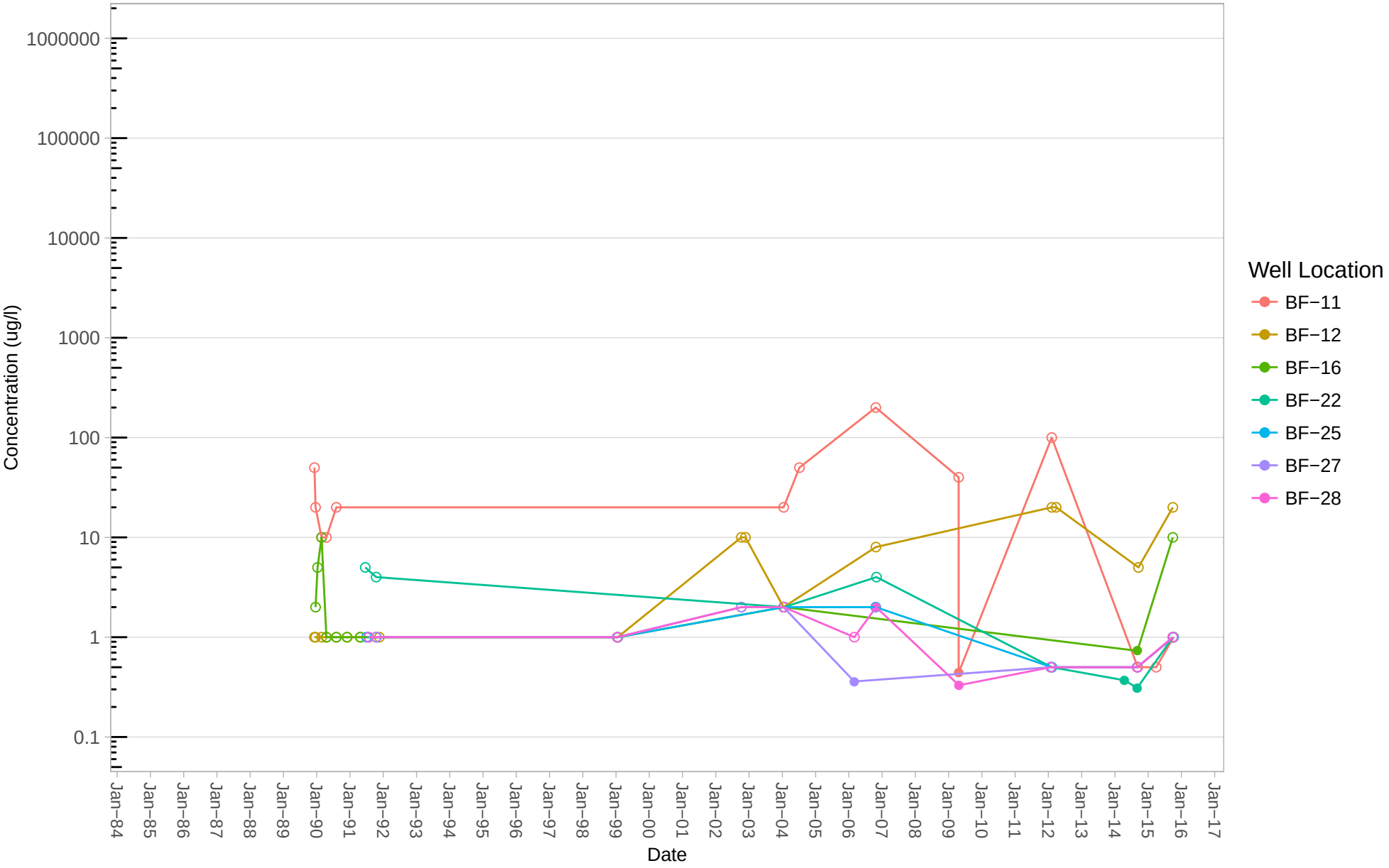
Notes: Nondetects reported as white circles at the reporting limit

Graph E−21 − Chloroform
Time vs Concentration Plot, North of Montrose Property, MBFC Aquifer
Montrose Superfund Site



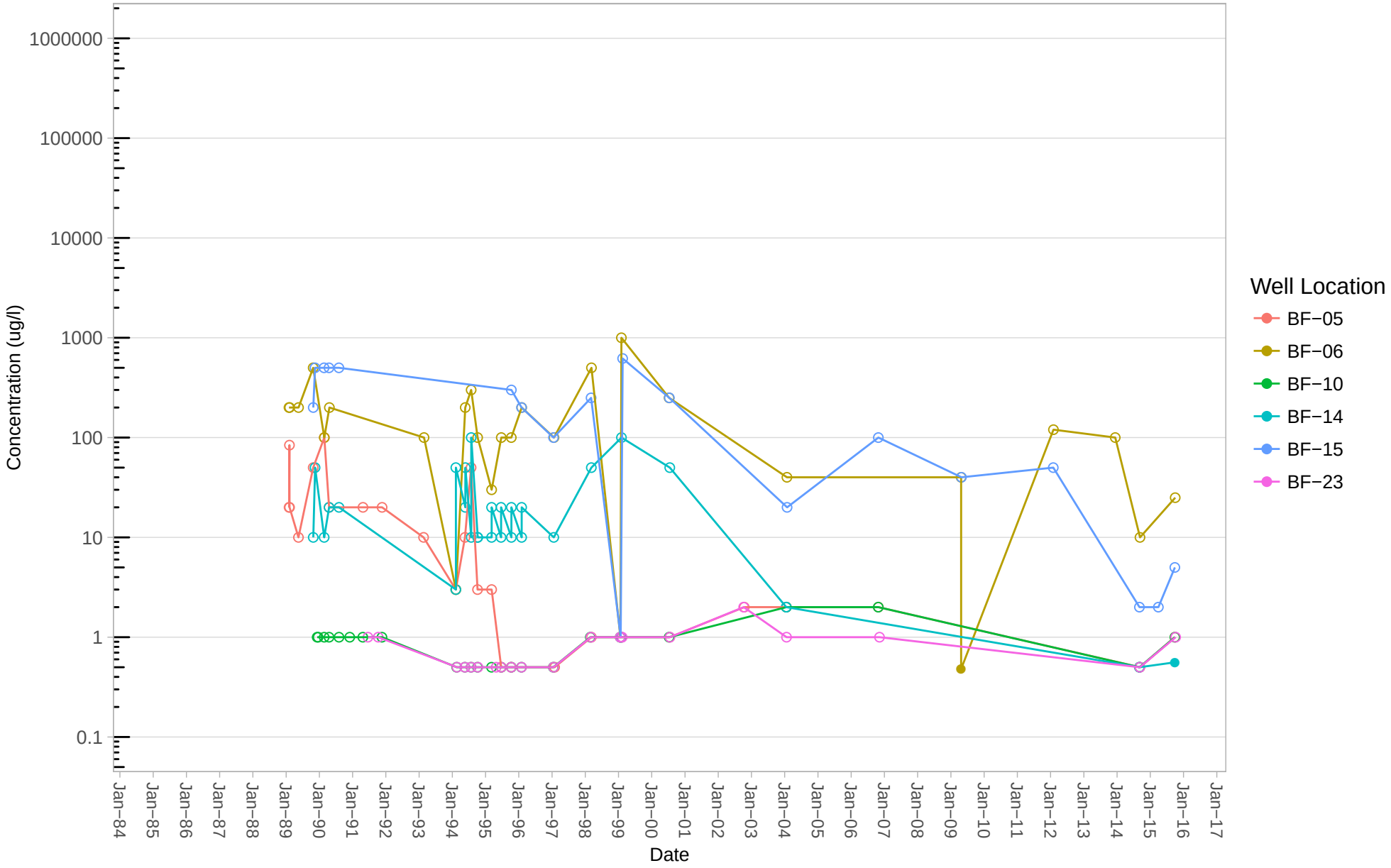
Notes: Nondetects reported as white circles at the reporting limit

Graph E−22 − Chloroform
Time vs Concentration Plot, South of Montrose Property, MBFC Aquifer
Montrose Superfund Site



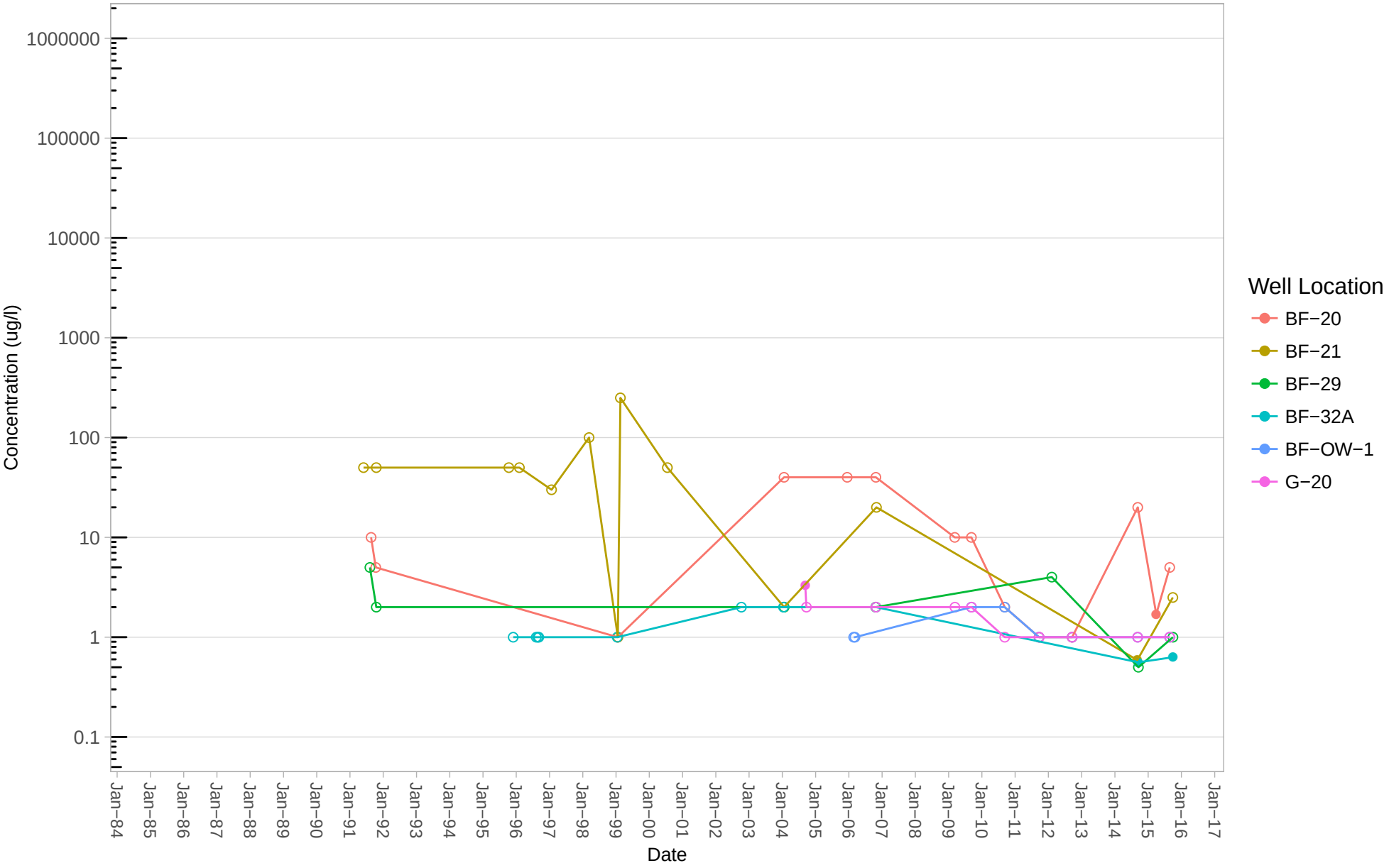
Notes: Nondetects reported as white circles at the reporting limit

Graph E−23 − Chloroform
Time vs Concentration Plot, East of Montrose Property, MBFC Aquifer
Montrose Superfund Site



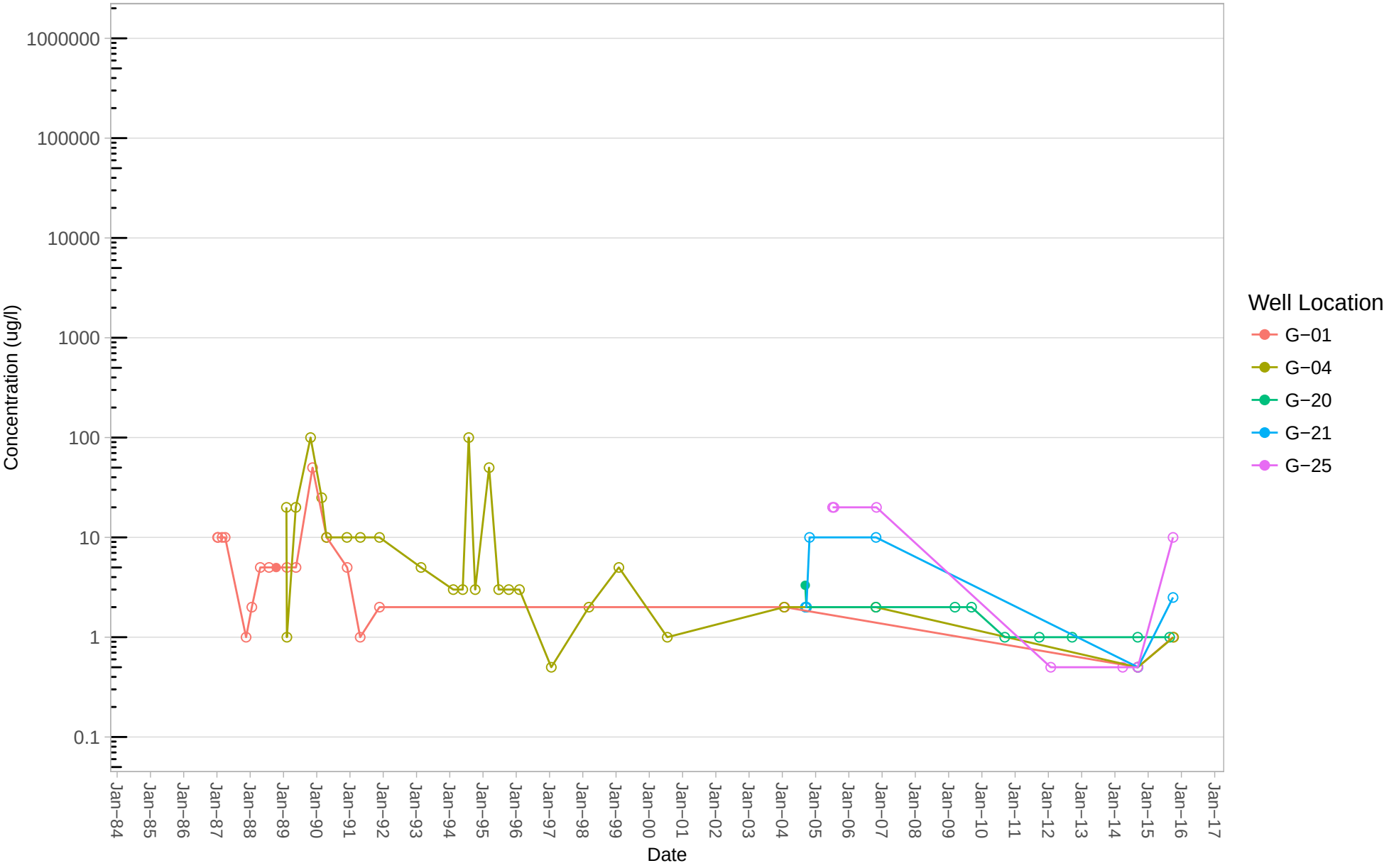
Notes: Nondetects reported as white circles at the reporting limit

Graph E−24 − Chloroform
Time vs Concentration Plot, West of Montrose Property, MBFC Aquifer
Montrose Superfund Site



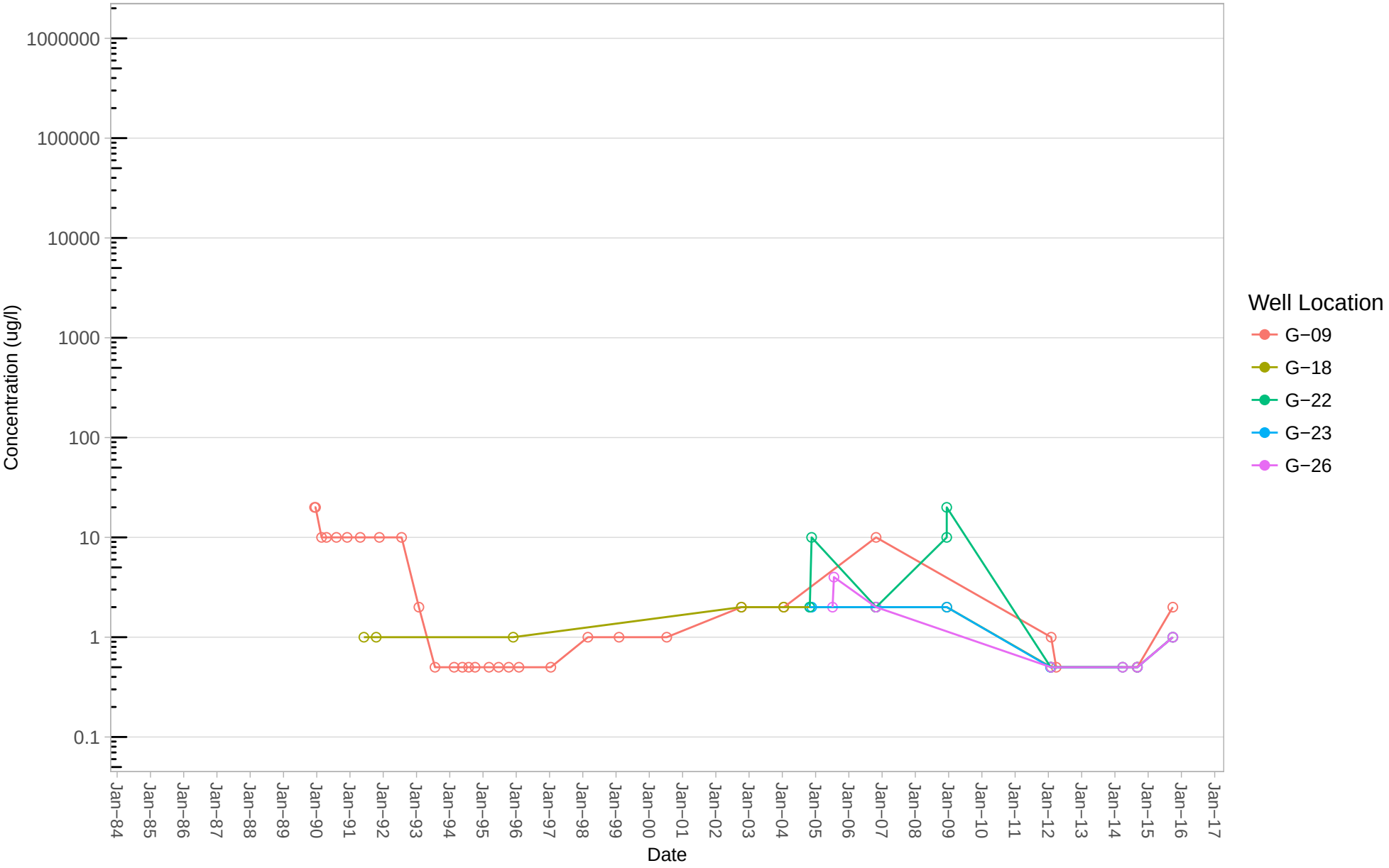
Notes: Nondetects reported as white circles at the reporting limit

Graph E−25 − Chloroform
Time vs Concentration Plot, Northwest of Montrose Property, Gage Aquifer
Montrose Superfund Site



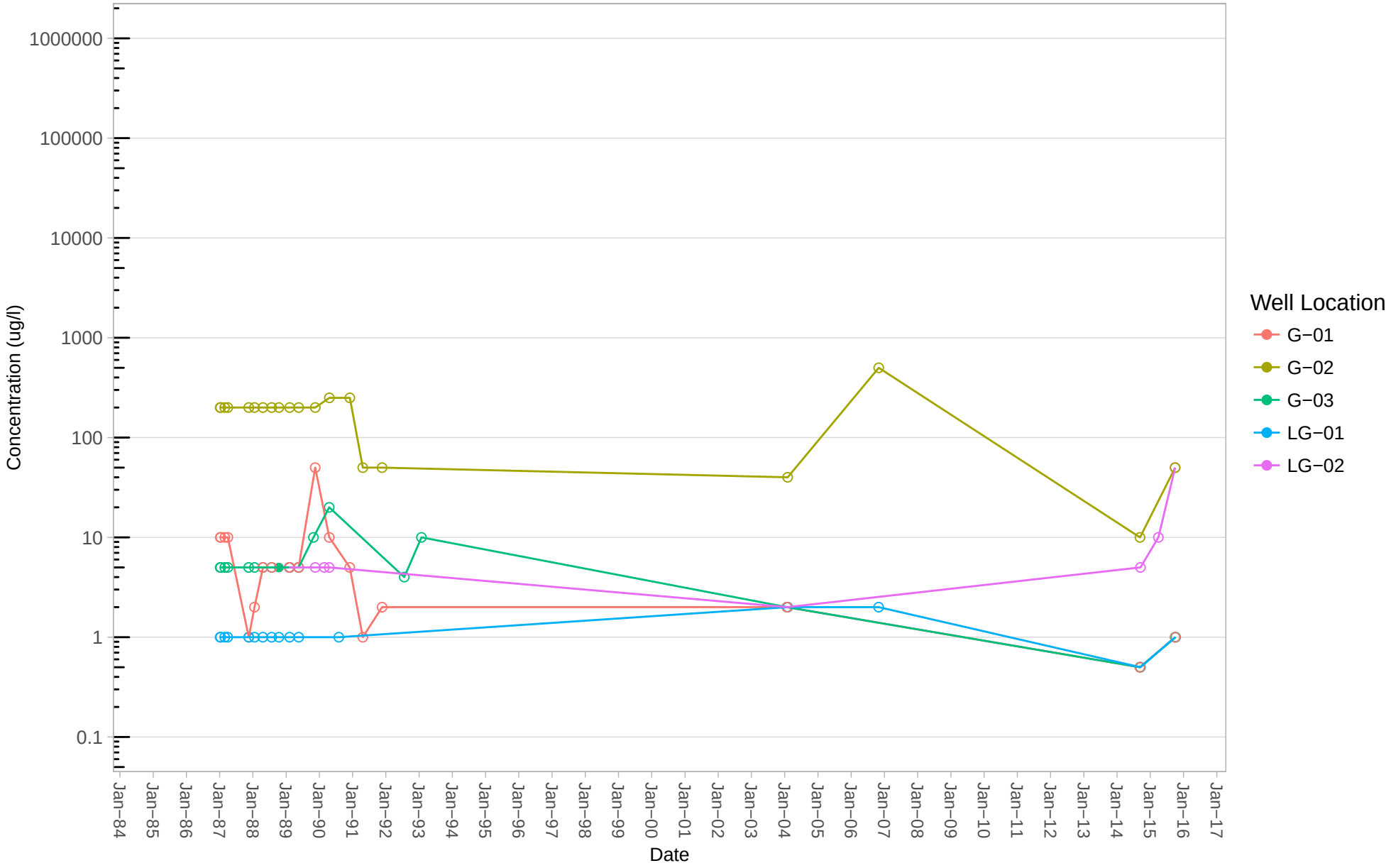
Notes: Nondetects reported as white circles at the reporting limit

Graph E−26 − Chloroform
Time vs Concentration Plot, Southeast of Montrose Property, Gage Aquifer
Montrose Superfund Site



Notes: Nondetects reported as white circles at the reporting limit

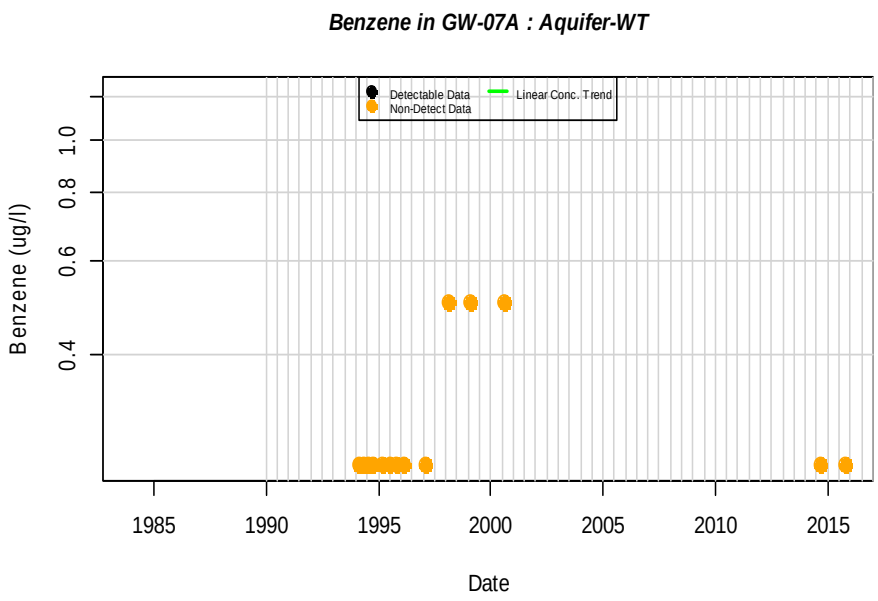
Graph E−27 − Chloroform
Time vs Concentration Plot, Montrose Property, Gage Aquifer
Montrose Superfund Site

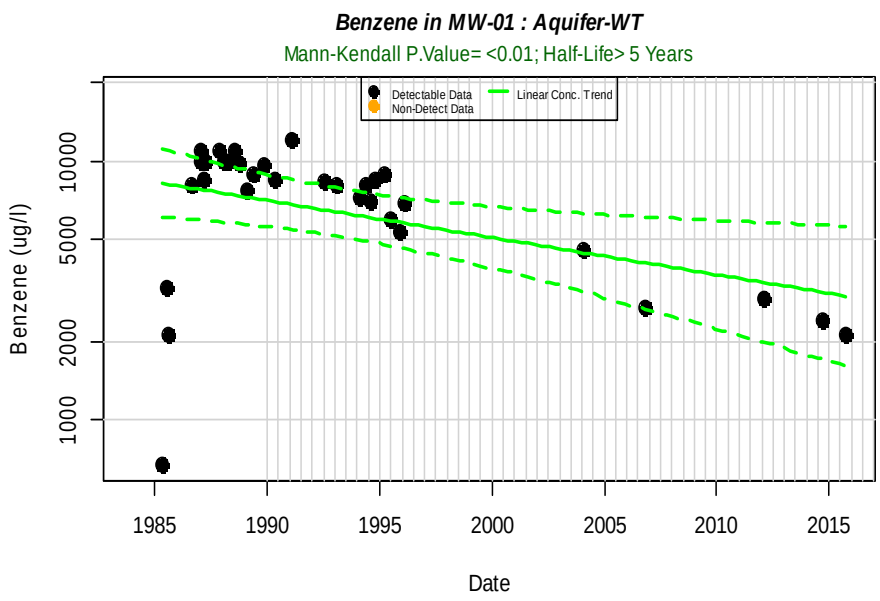


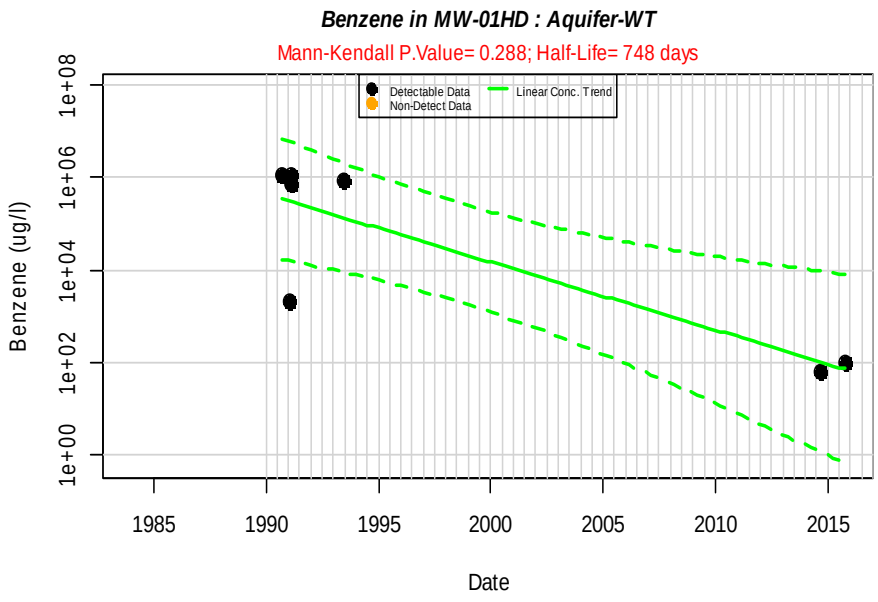
Notes: Nondetects reported as white circles at the reporting limit

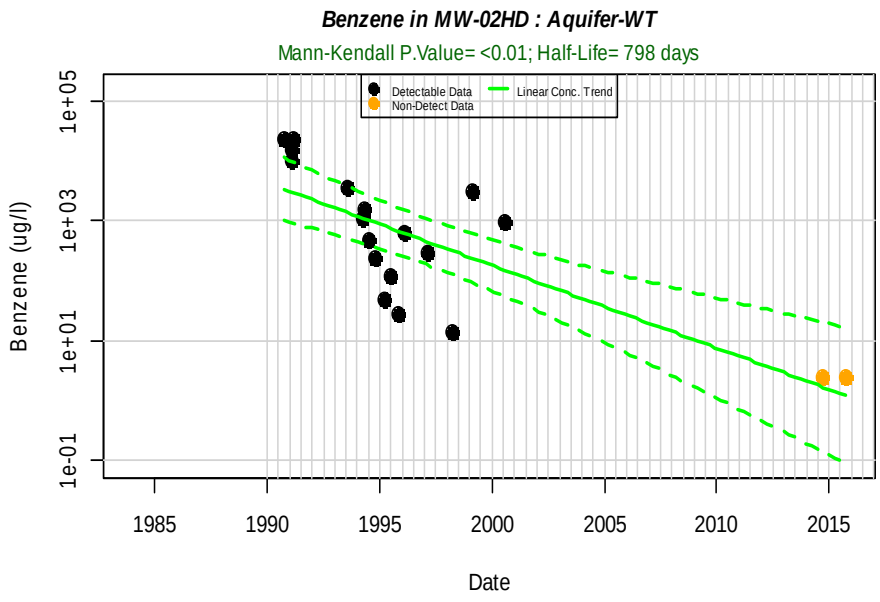
APPENDIX F

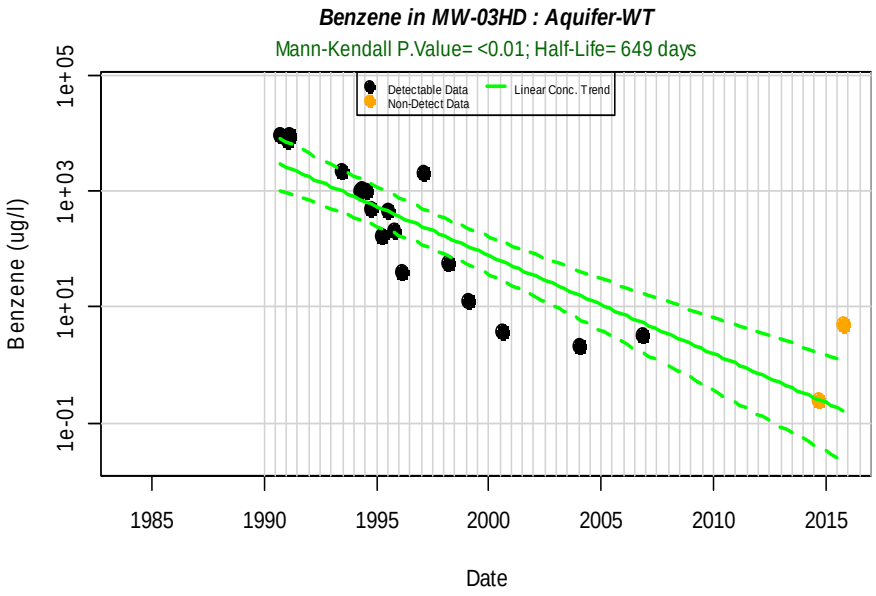
BENZENE GRAPHS

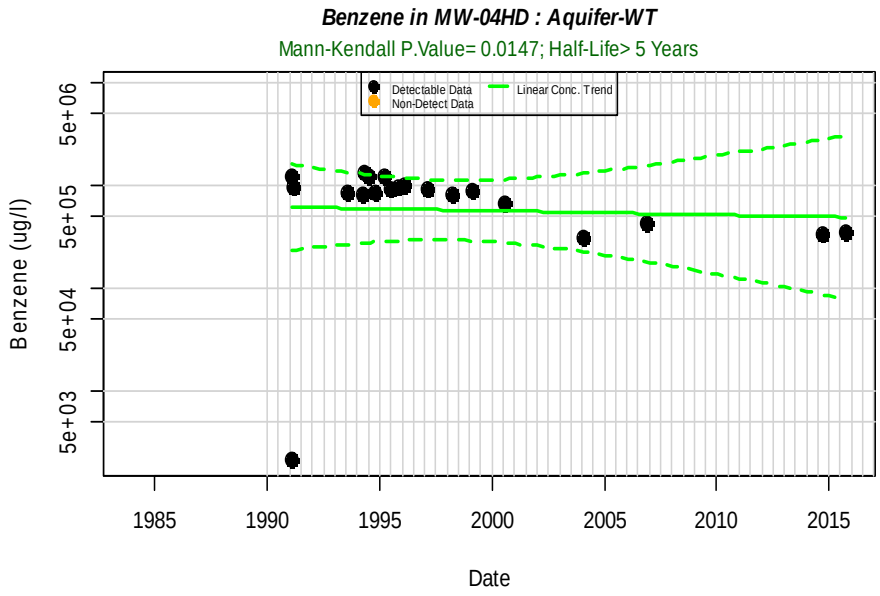

Benzene in GW-07A : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

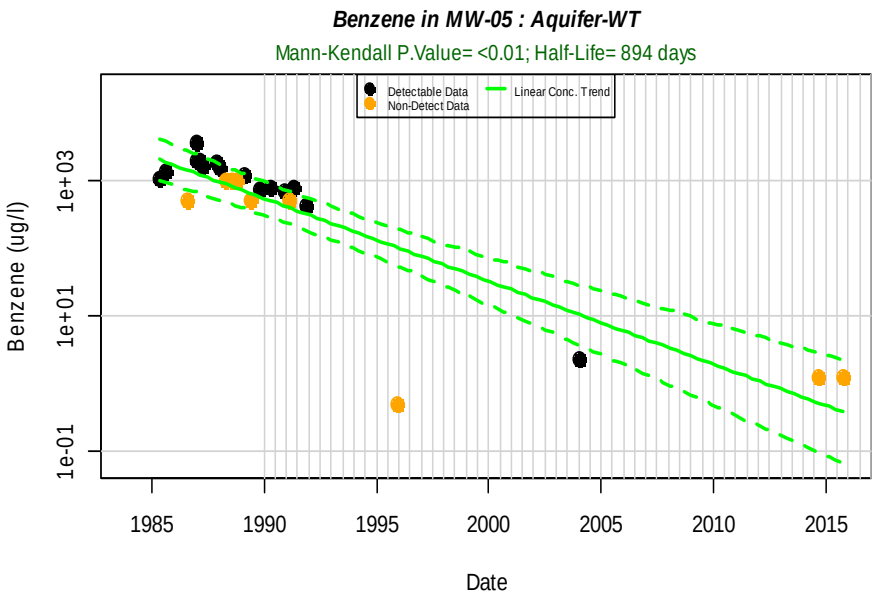

Benzene in MW-01 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1000
2000
5000
10000
1985
1990
1995
2000
2005
2010
2015
Date

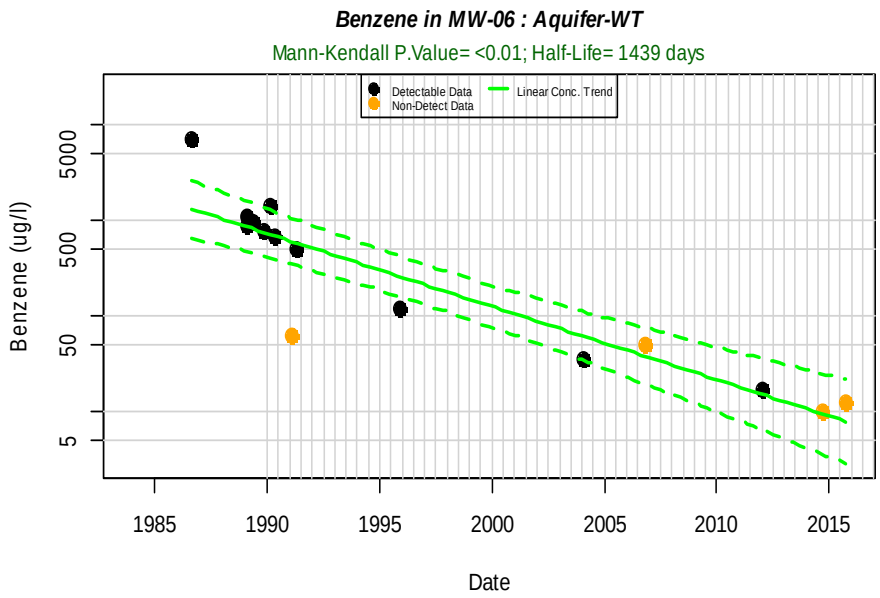

Benzene in MW-01HD : Aquifer-WT
Mann-Kendall P.Value= 0.288; Half-Life= 748 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1e+08
1985
1990
1995
2000
2005
2010
2015
Date

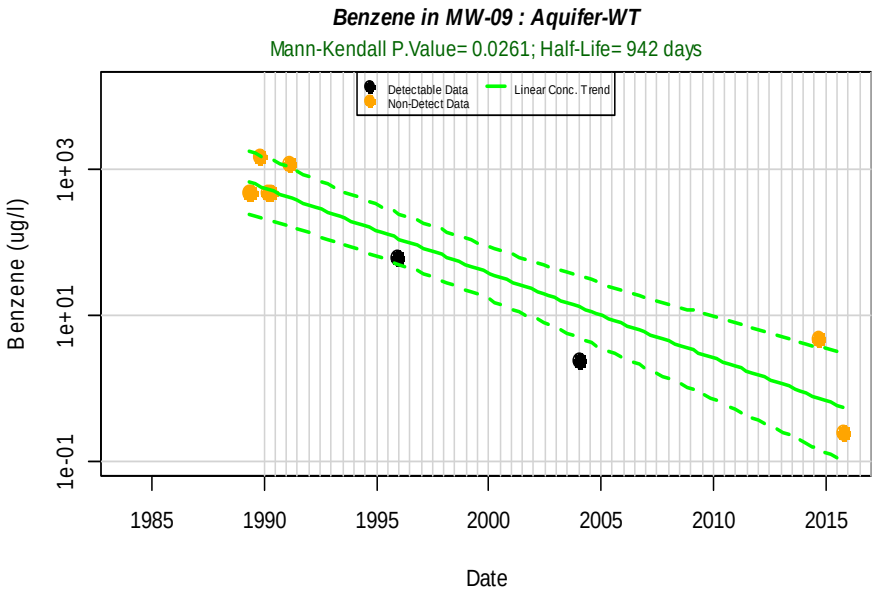

Benzene in MW-02HD : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 798 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

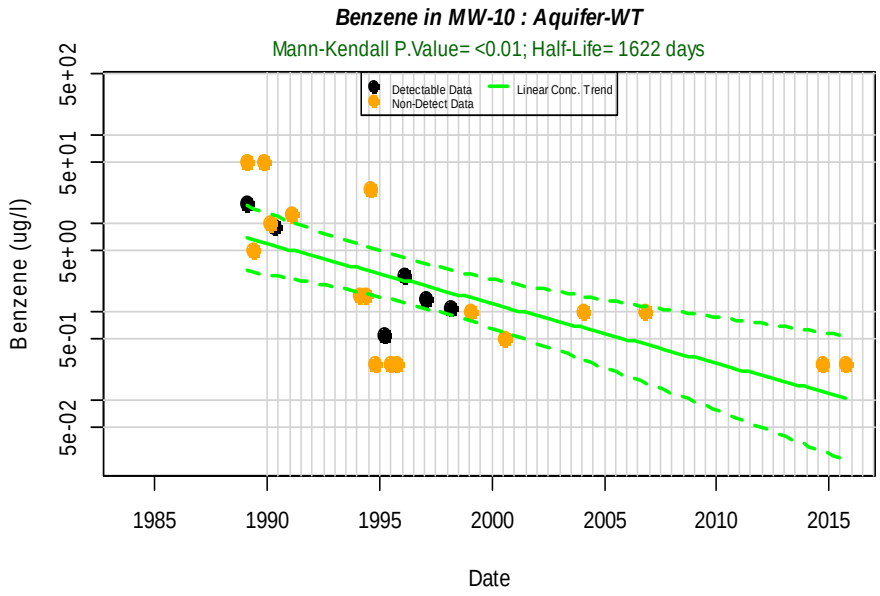

Benzene in MW-03HD : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 649 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+05
1e+03
1e+01
1e-01
1985
1990
1995
2000
2005
2010
2015
Date

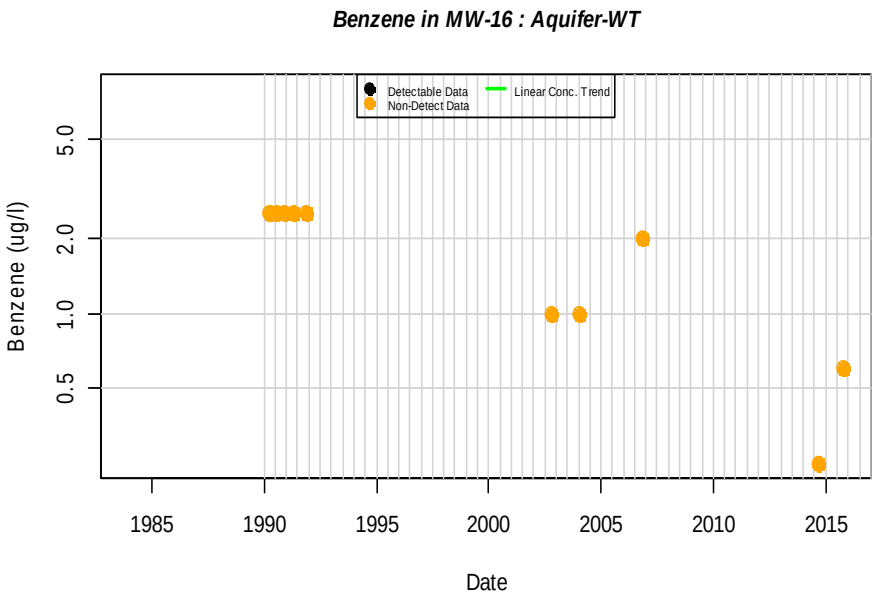

Benzene in MW-04HD : Aquifer-WT
Mann-Kendall P.Value= 0.0147; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e+06
5e+05
5e+04
5e+03
1985
1990
1995
2000
2005
2010
2015
Date

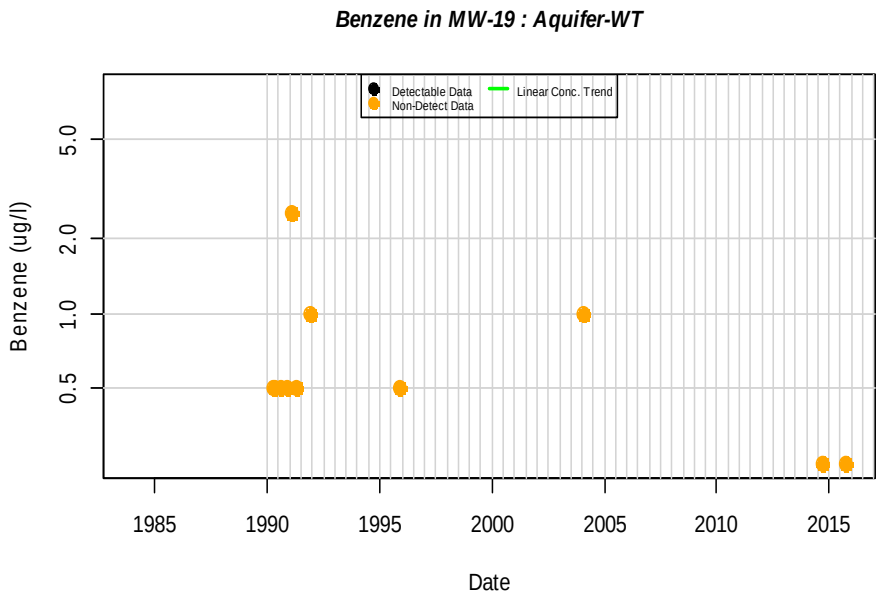

Benzene in MW-05 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 894 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+03
1e+01
1e-01
1985
1990
1995
2000
2005
2010
2015
Date

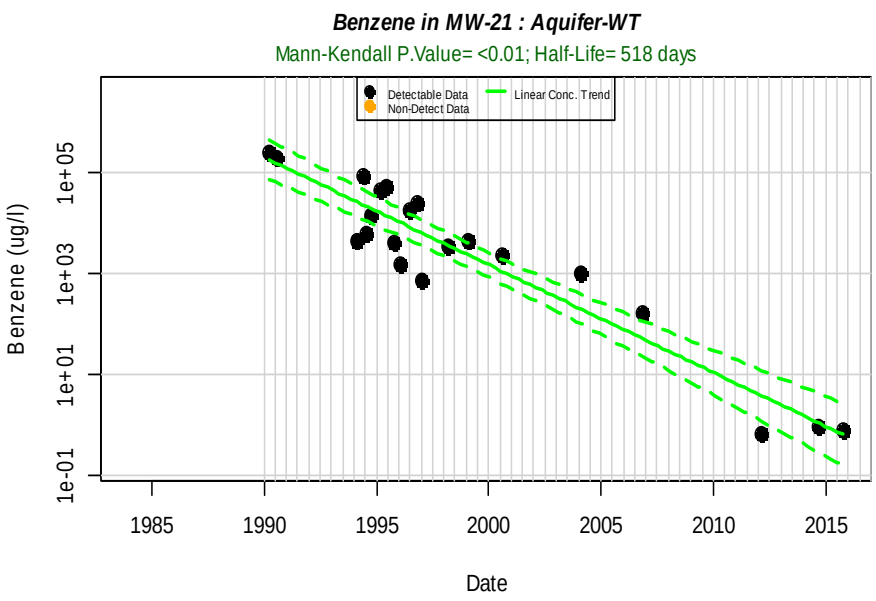

Benzene in MW-06 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1439 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5000
500
50
5
1985
1990
1995
2000
2005
2010
2015
Date

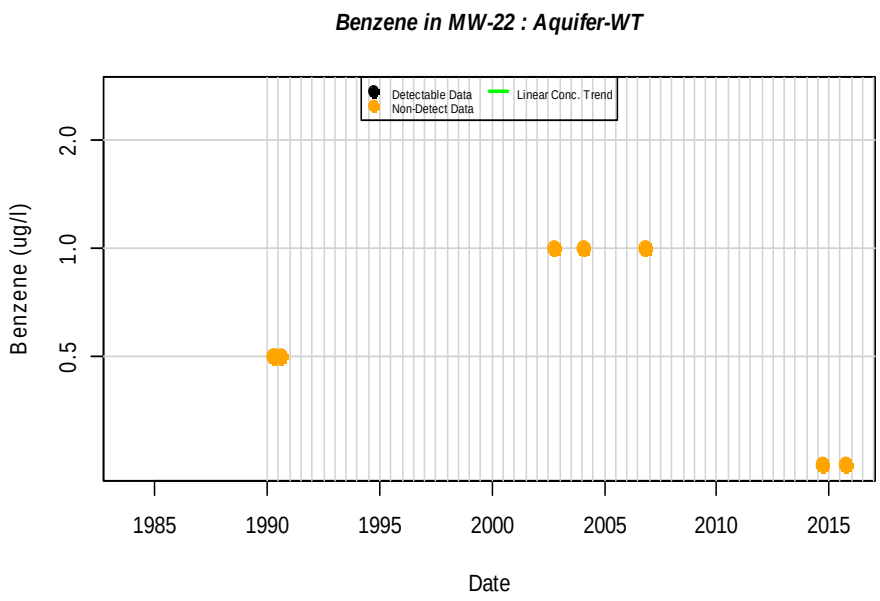

Benzene in MW-09 : Aquifer-WT
Mann-Kendall P.Value= 0.0261; Half-Life= 942 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

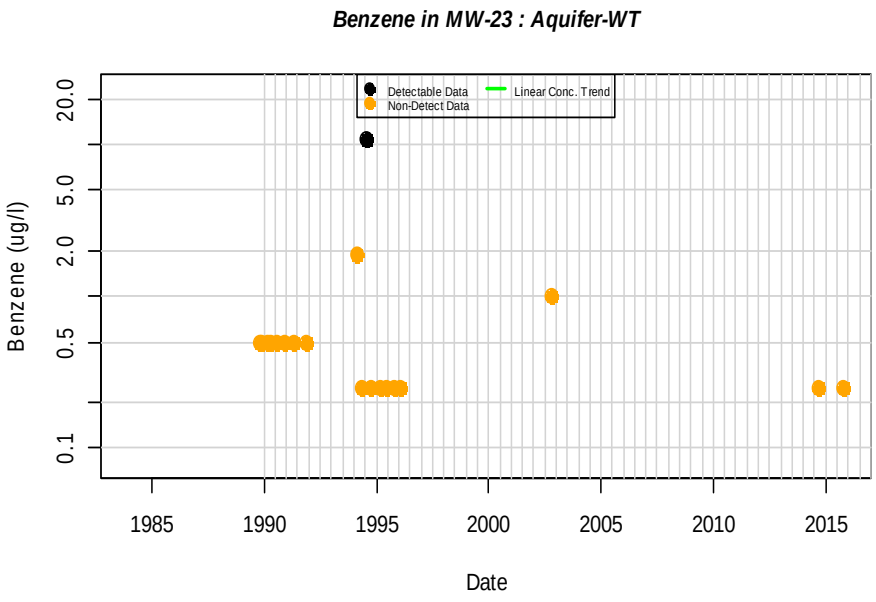

Benzene in MW-10 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1622 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

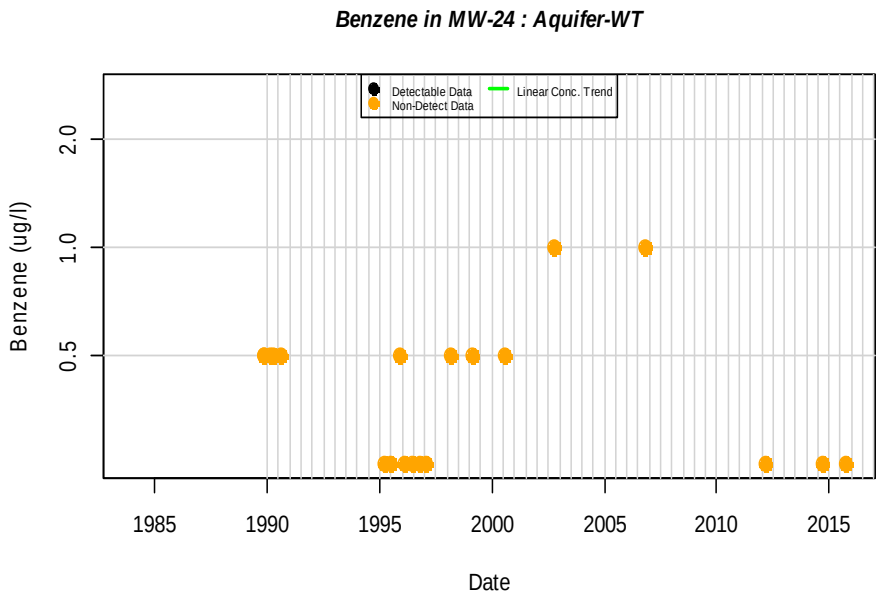

Benzene in MW-16 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

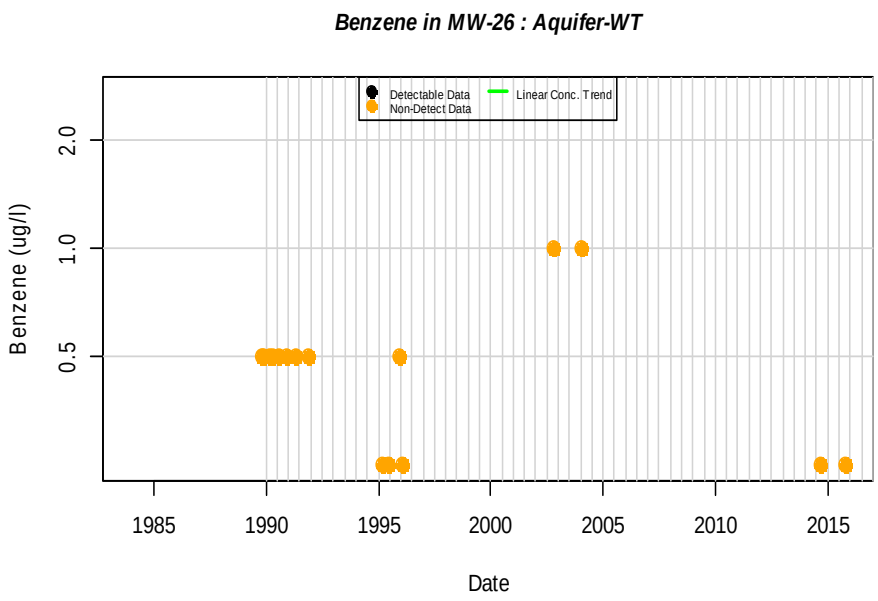

Benzene in MW-19 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

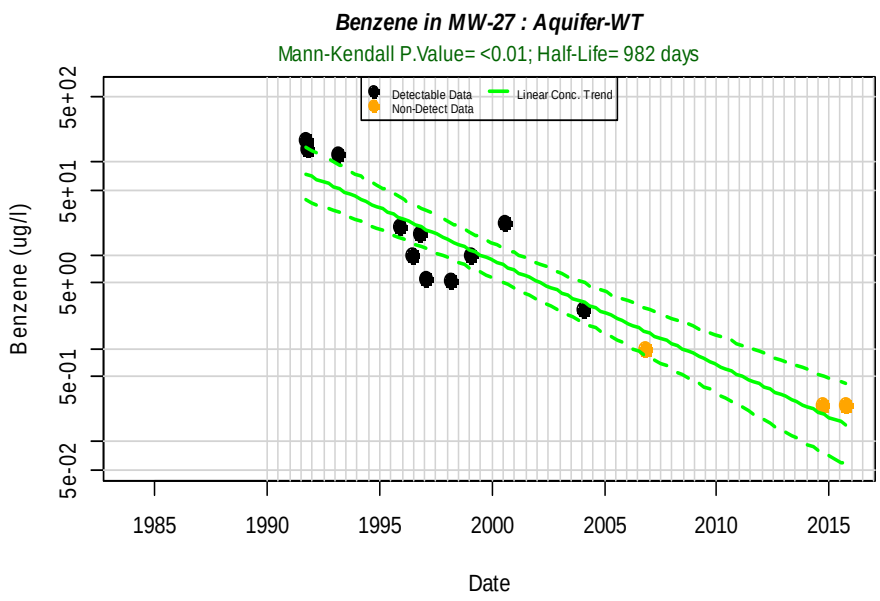

Benzene in MW-21 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 518 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

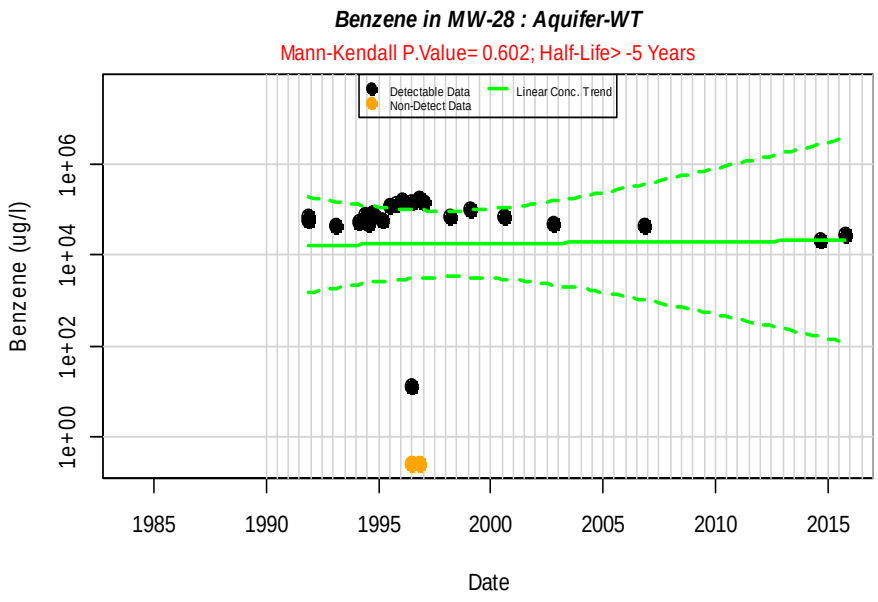

Benzene in MW-22 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

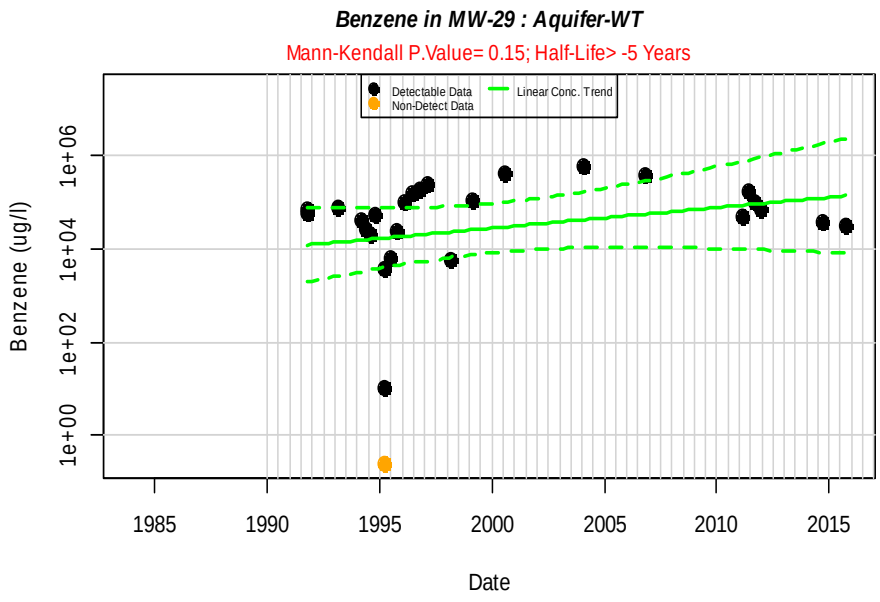

Benzene in MW-23 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

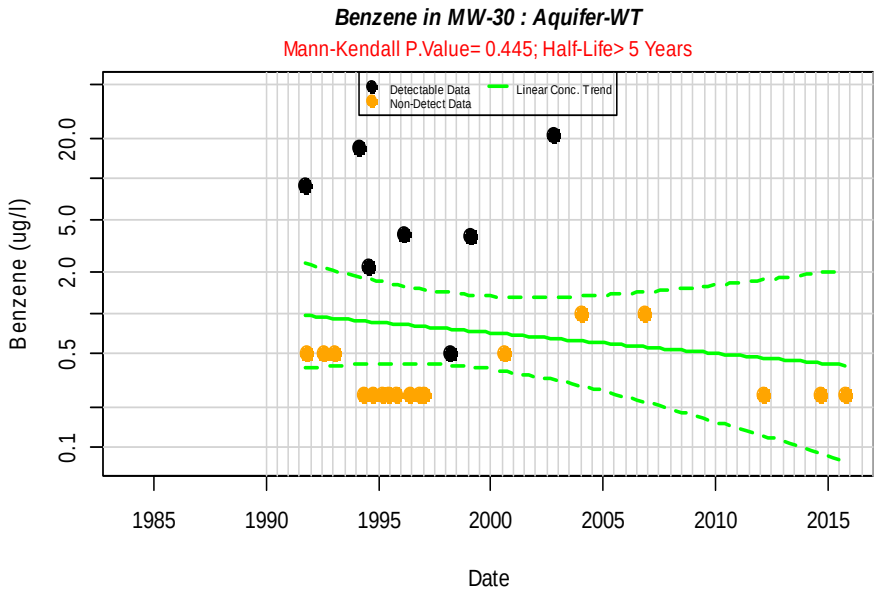

Benzene in MW-24 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

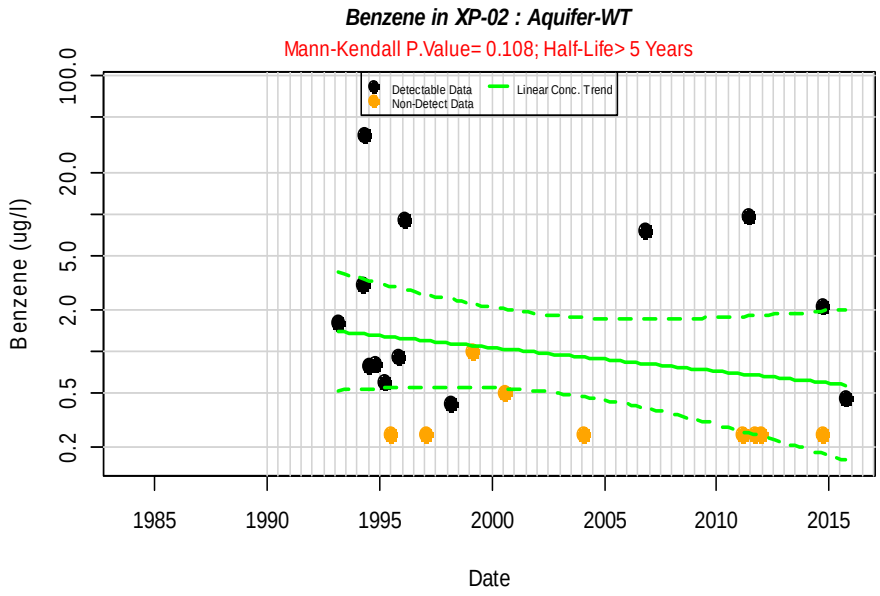

Benzene in MW-26 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

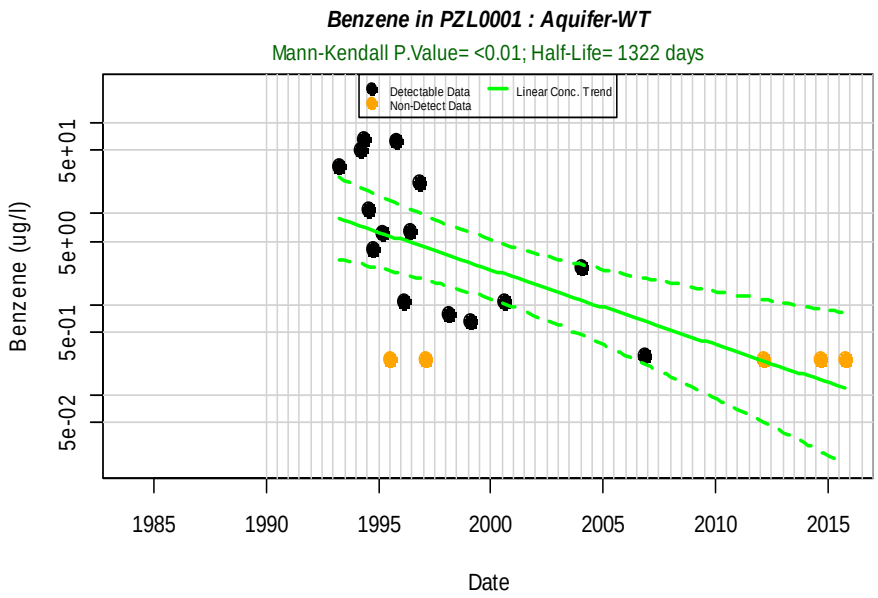

Benzene in MW-27 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 982 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

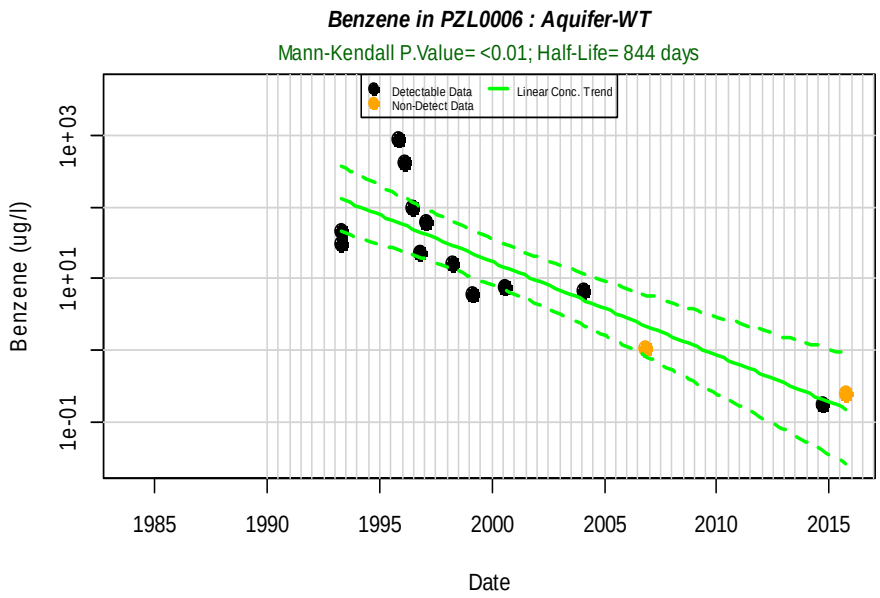

Benzene in MW-28 : Aquifer-WT
Mann-Kendall P.Value= 0.602; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

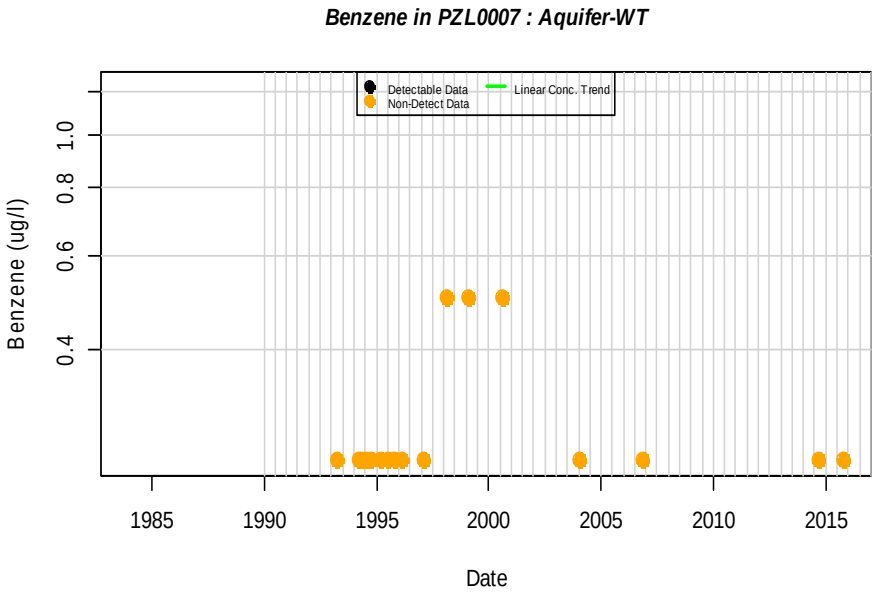

Benzene in MW-29 : Aquifer-WT
Mann-Kendall P.Value= 0.15; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

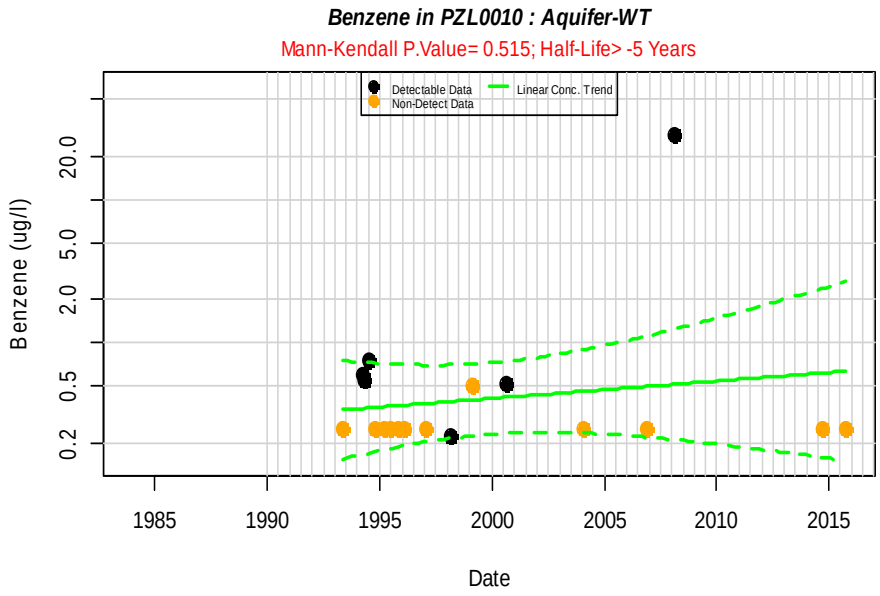

Benzene in MW-30 : Aquifer-WT
Mann-Kendall P.Value= 0.445; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

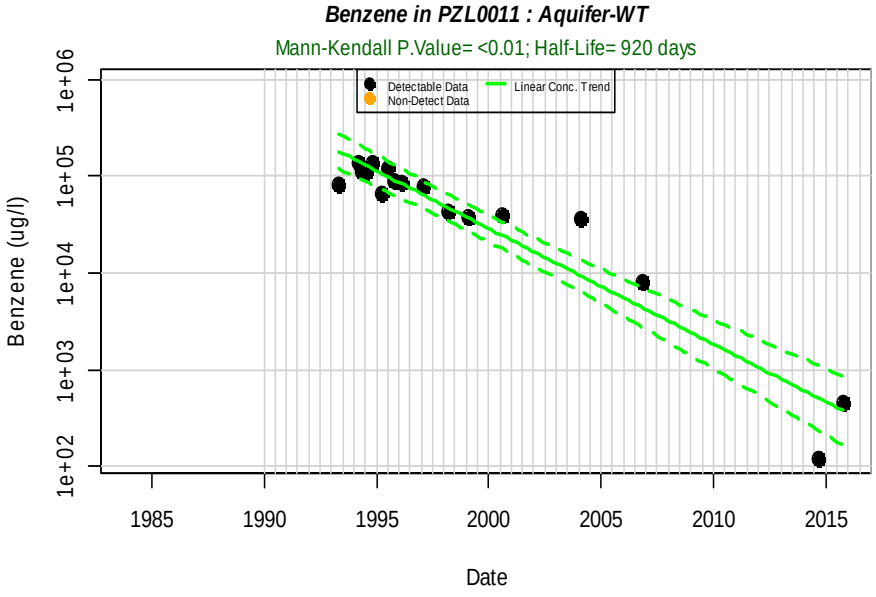

Benzene in XP-02 : Aquifer-WT
Mann-Kendall P.Value= 0.108; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

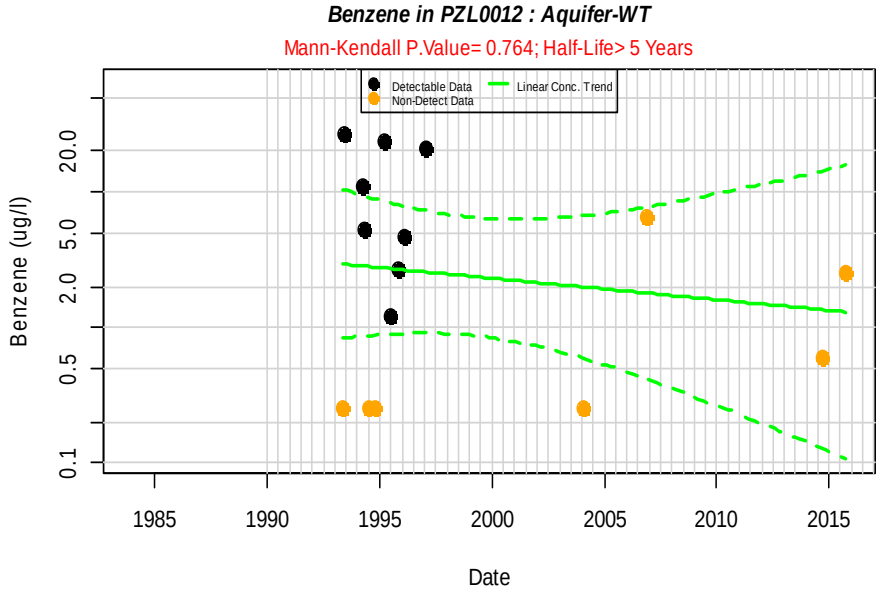

Benzene in PZL0001 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1322 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
1985
1990
1995
2000
2005
2010
2015
Date

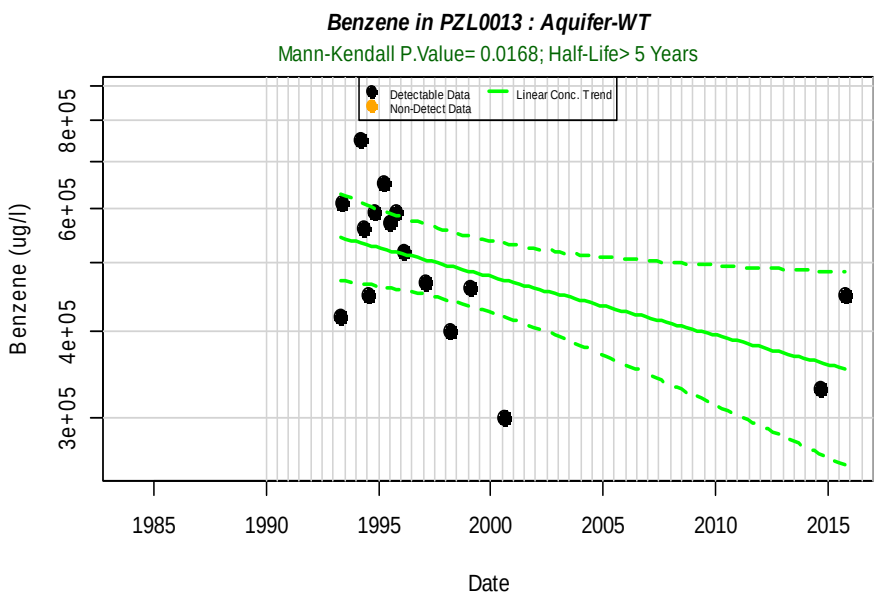

Benzene in PZL0006 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 844 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

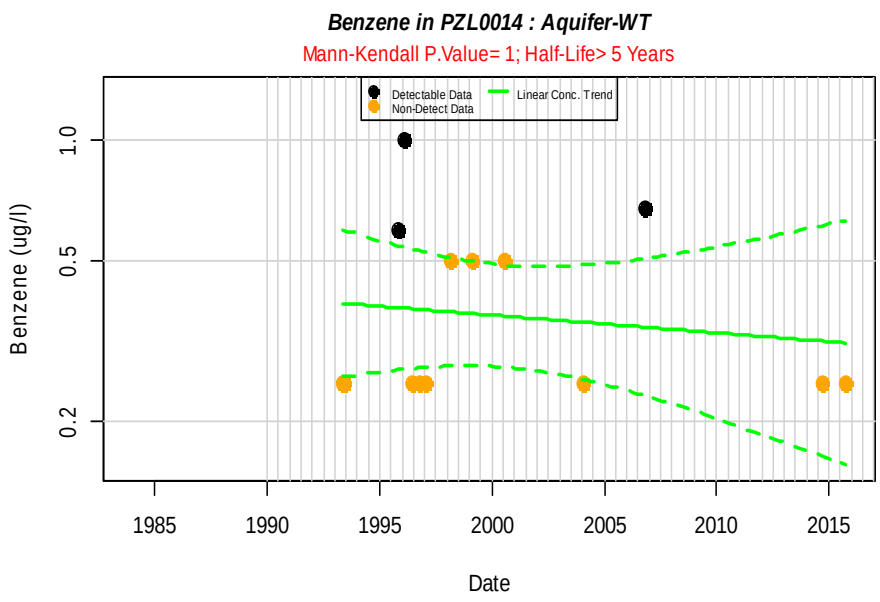

Benzene in PZL0007 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

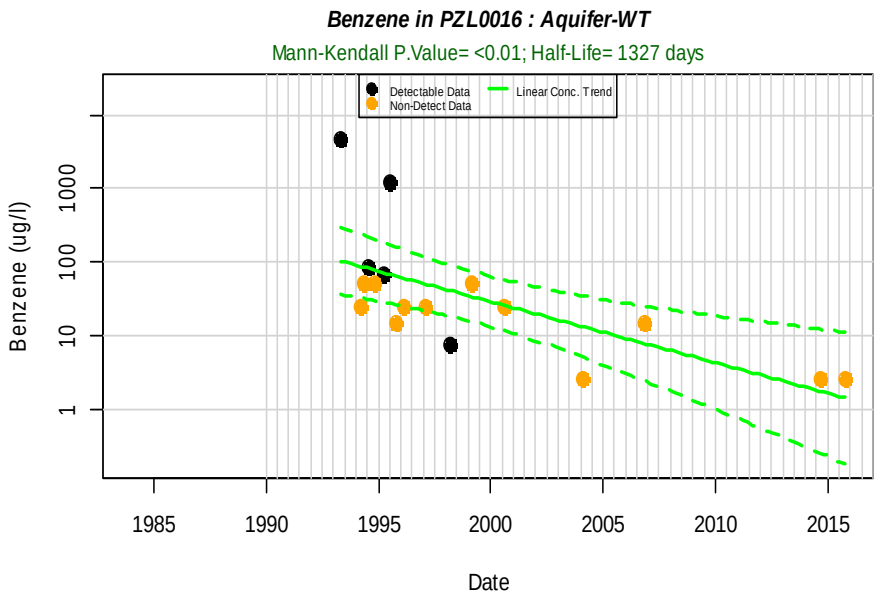

Benzene in PZL0010 : Aquifer-WT
Mann-Kendall P.Value= 0.515; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

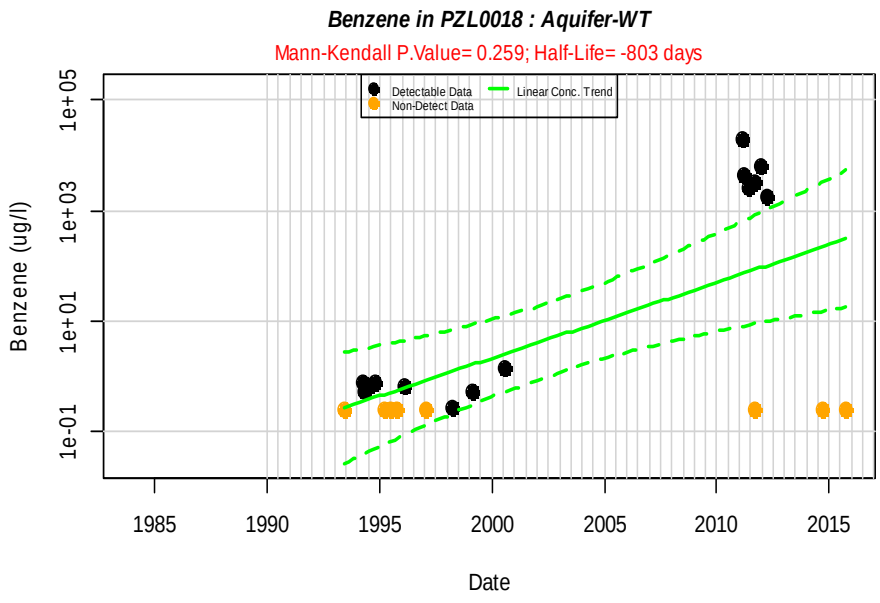

Benzene in PZL0011 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 920 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+02
1e+03
1e+04
1e+05
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

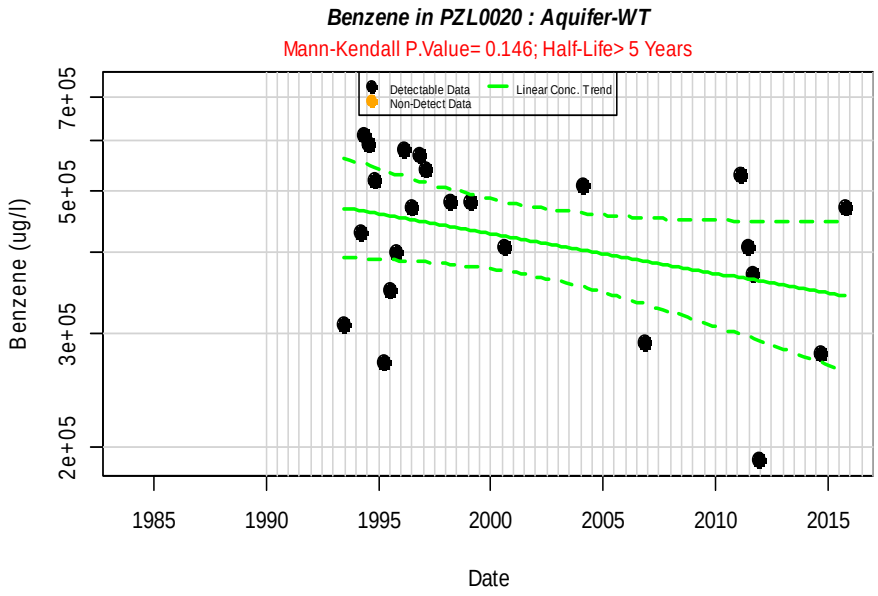

Benzene in PZL0012 : Aquifer-WT
Mann-Kendall P.Value= 0.764; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

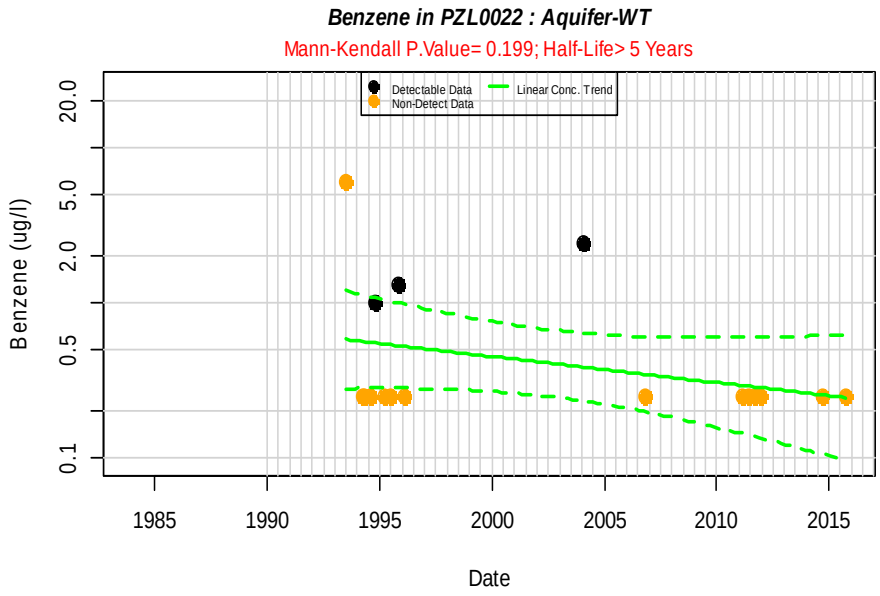

Benzene in PZL0013 : Aquifer-WT
Mann-Kendall P.Value= 0.0168; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
3e+05
4e+05
6e+05
8e+05
1985
1990
1995
2000
2005
2010
2015
Date

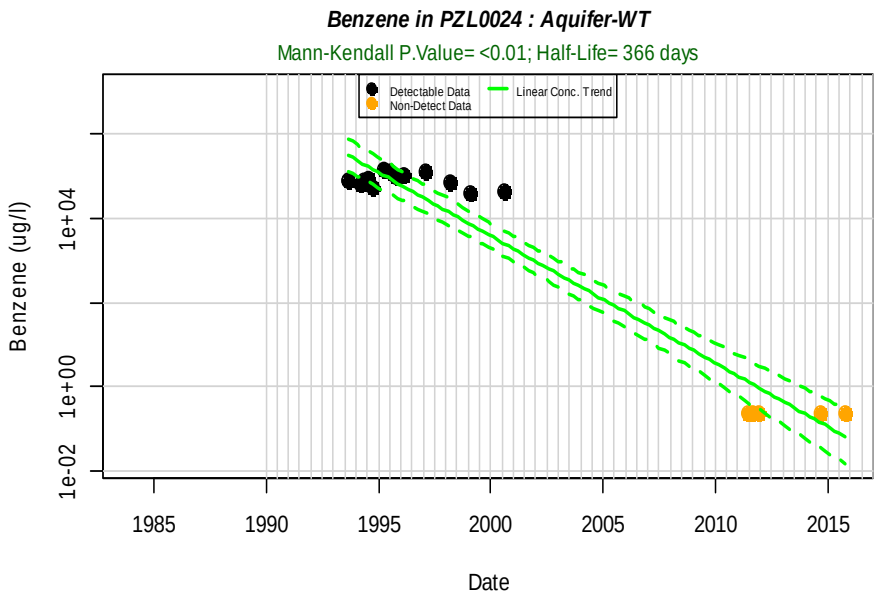

Benzene in PZL0014 : Aquifer-WT
Mann-Kendall P.Value= 1; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
1.0
1985
1990
1995
2000
2005
2010
2015
Date

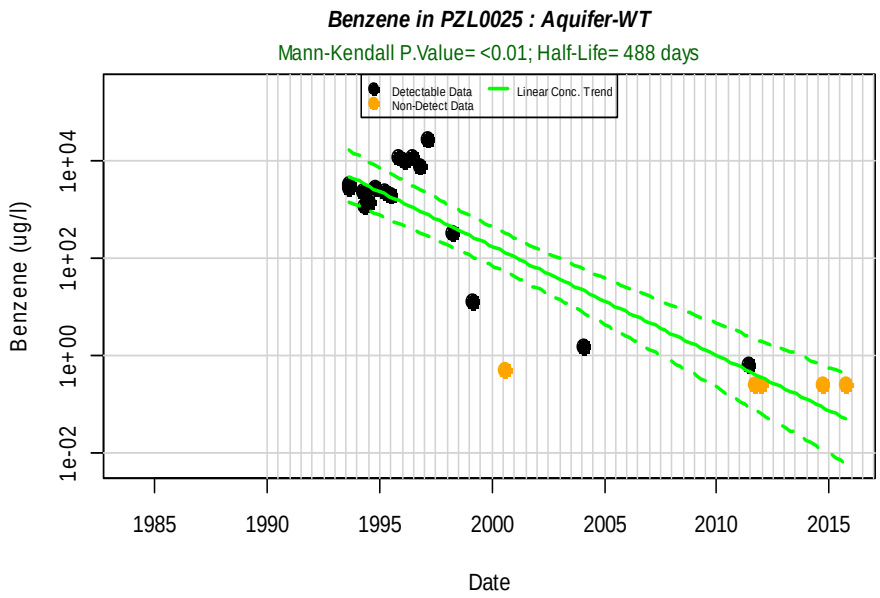

Benzene in PZL0016 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1327 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

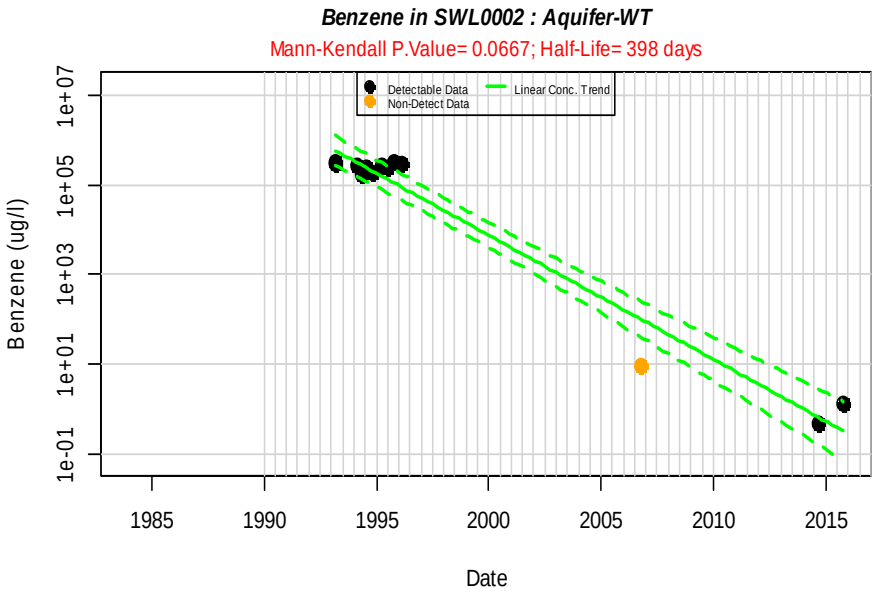

Benzene in PZL0018 : Aquifer-WT
Mann-Kendall P.Value= 0.259; Half-Life= -803 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

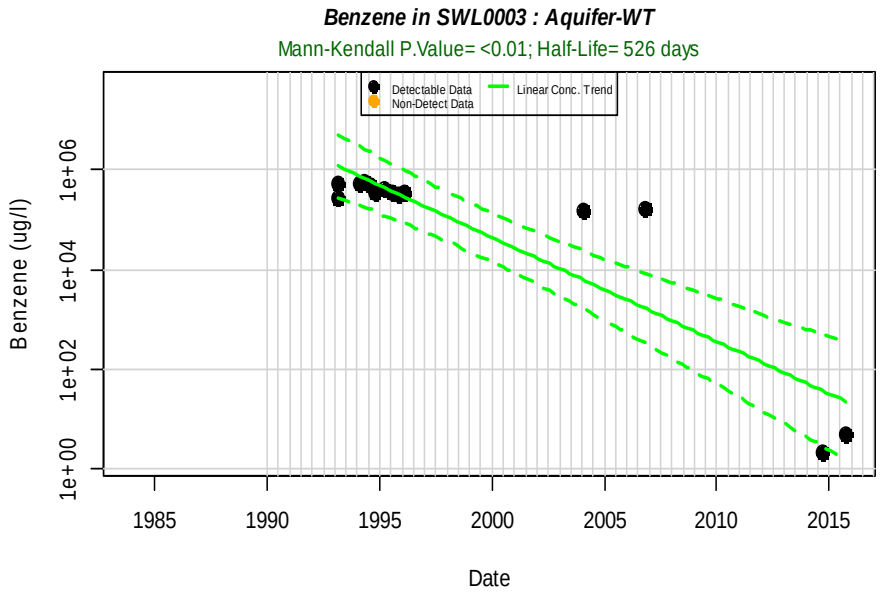

Benzene in PZL0020 : Aquifer-WT
Mann-Kendall P.Value= 0.146; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
7e+05
5e+05
3e+05
2e+05
1985
1990
1995
2000
2005
2010
2015
Date

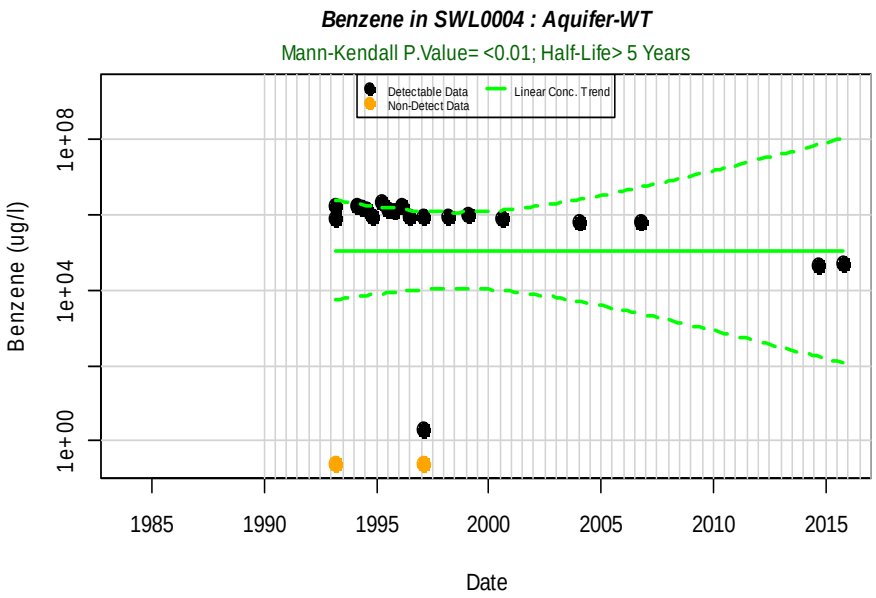

Benzene in PZL0022 : Aquifer-WT
Mann-Kendall P.Value= 0.199; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
20.0
5.0
2.0
0.5
0.1
1985
1990
1995
2000
2005
2010
2015
Date

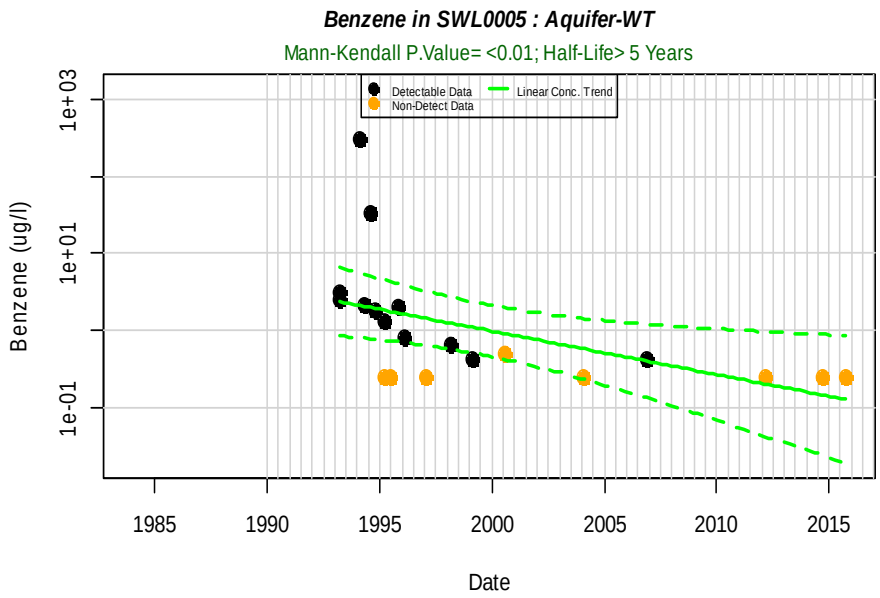

Benzene in PZL0024 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 366 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+04
1e+00
1e-02
1985
1990
1995
2000
2005
2010
2015
Date

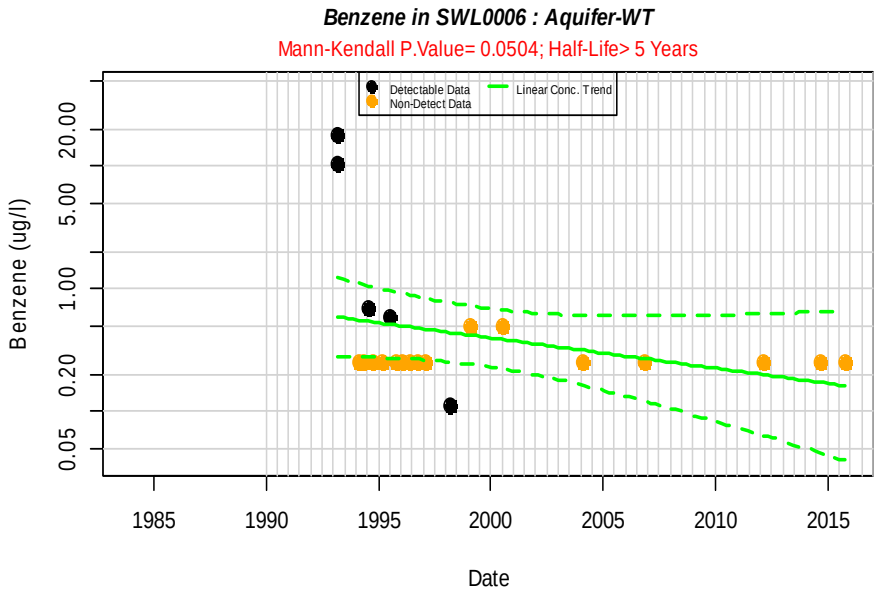

Benzene in PZL0025 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 488 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+04
1e+02
1e+00
1e-02
1985
1990
1995
2000
2005
2010
2015
Date

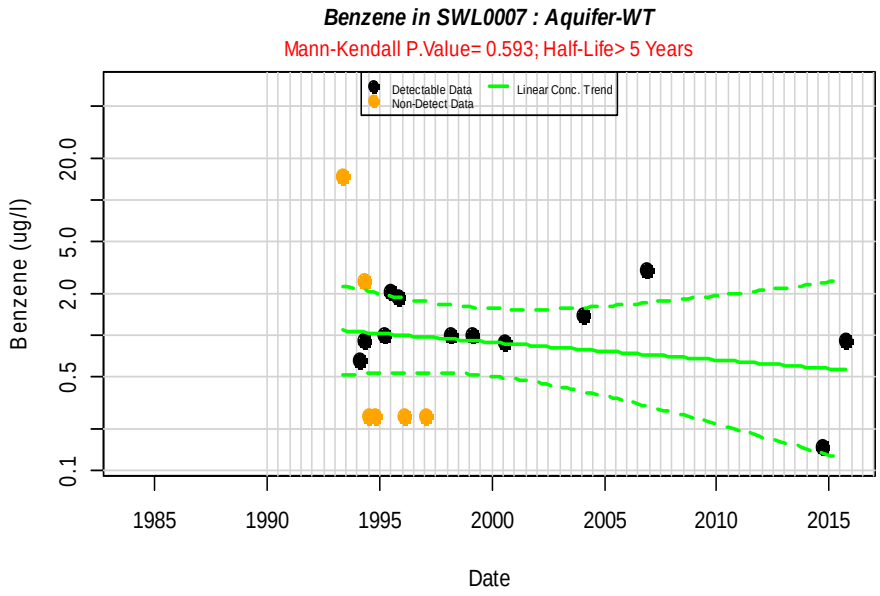

Benzene in SWL0002 : Aquifer-WT
Mann-Kendall P.Value= 0.0667; Half-Life= 398 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1e+07
1985
1990
1995
2000
2005
2010
2015
Date

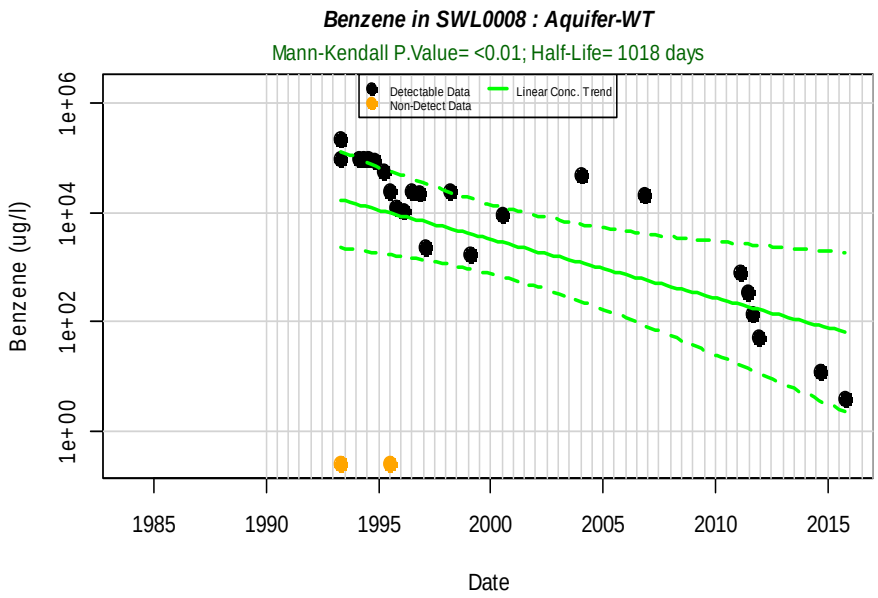

Benzene in SWL0003 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 526 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

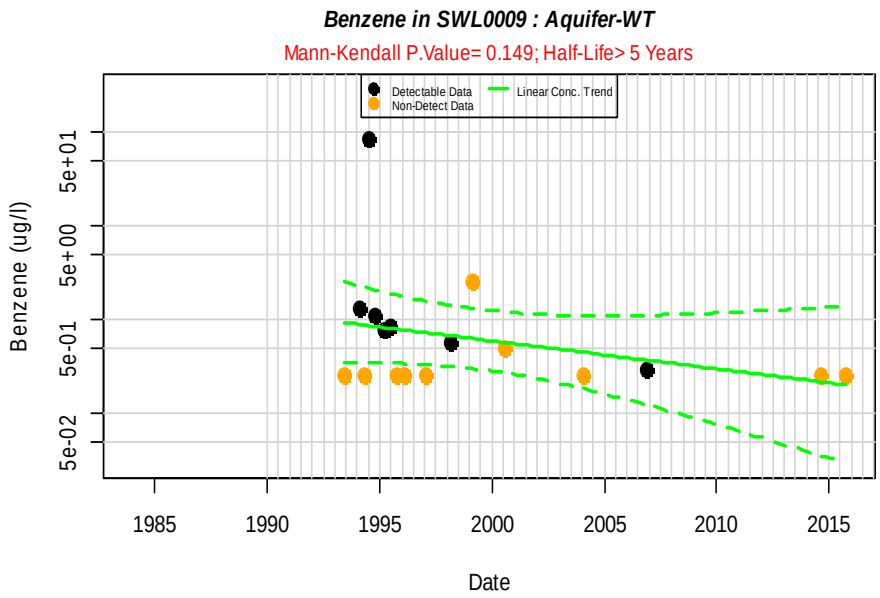

Benzene in SWL0004 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+04
1e+08
1985
1990
1995
2000
2005
2010
2015
Date

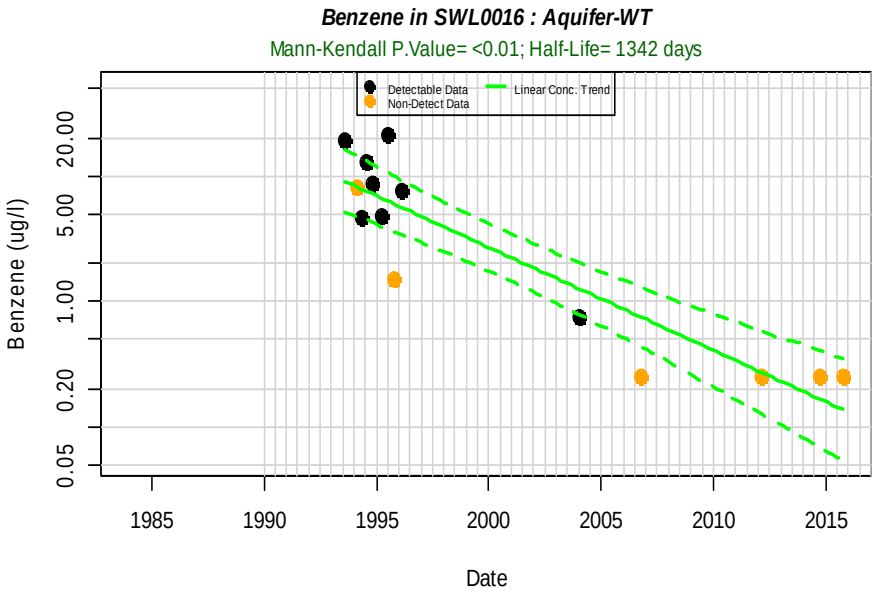

Benzene in SWL0005 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

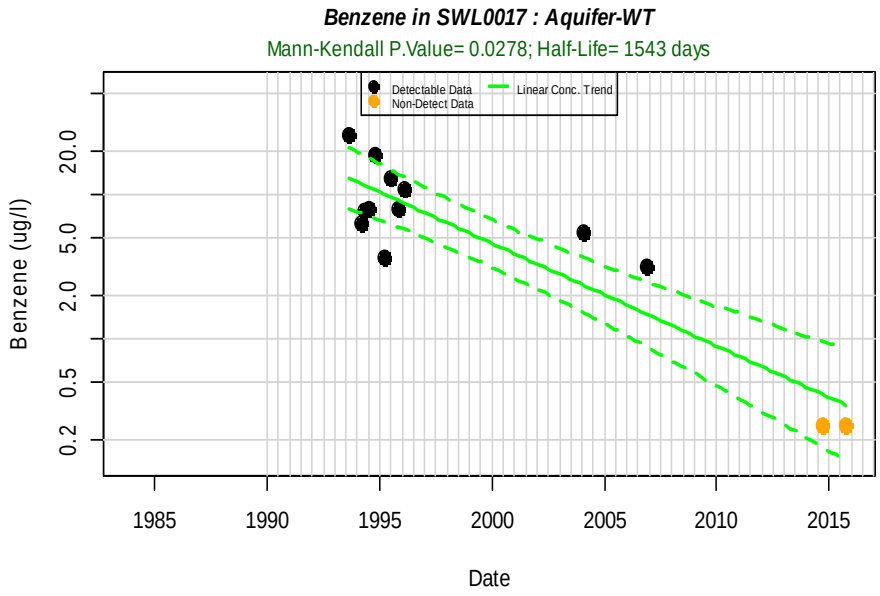

Benzene in SWL0006 : Aquifer-WT
Mann-Kendall P.Value= 0.0504; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
20.00
1985
1990
1995
2000
2005
2010
2015
Date

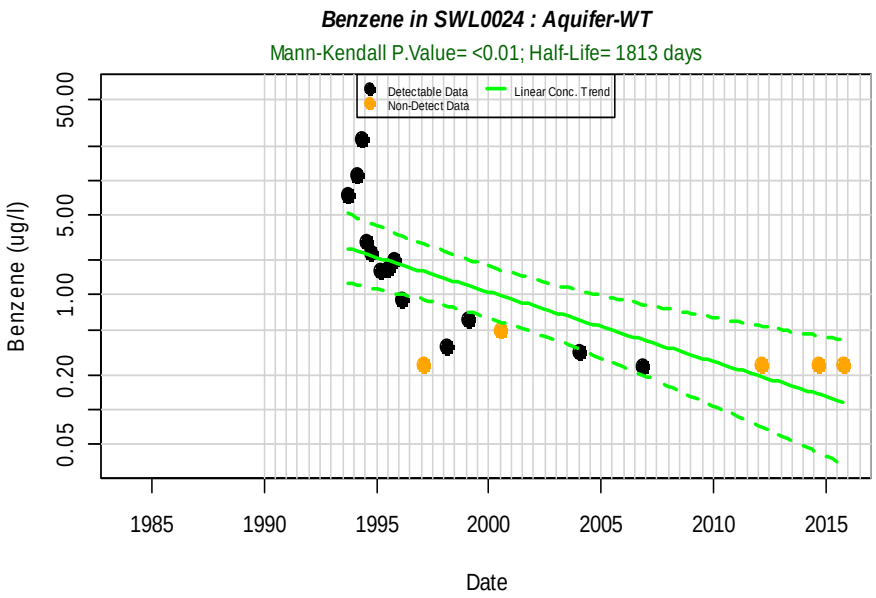

Benzene in SWL0007 : Aquifer-WT
Mann-Kendall P.Value= 0.593; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

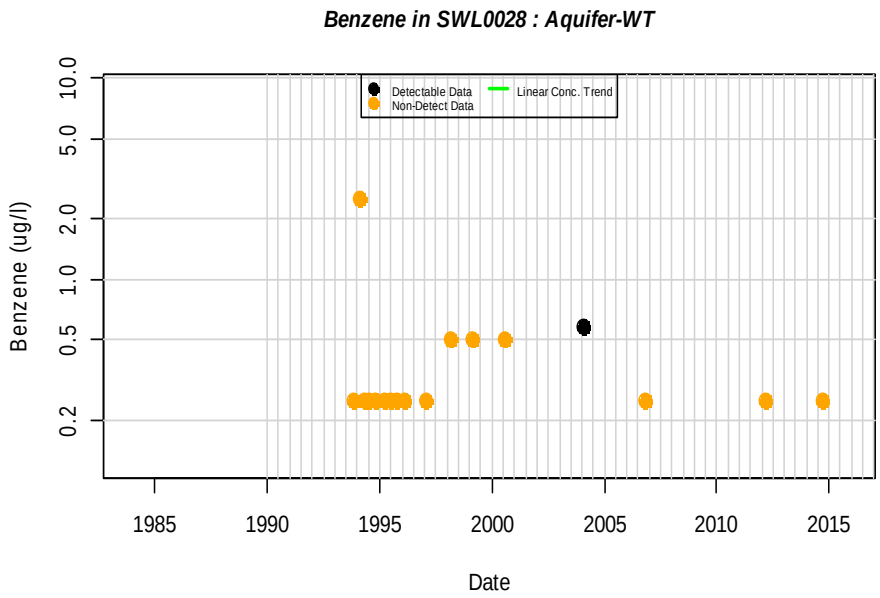

Benzene in SWL0008 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1018 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

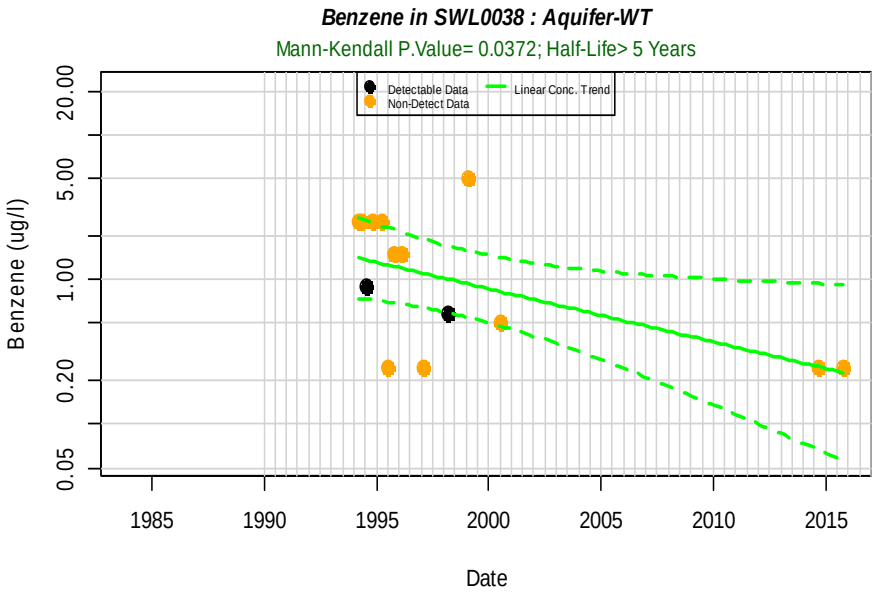

Benzene in SWL0009 : Aquifer-WT
Mann-Kendall P.Value= 0.149; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
1985
1990
1995
2000
2005
2010
2015
Date

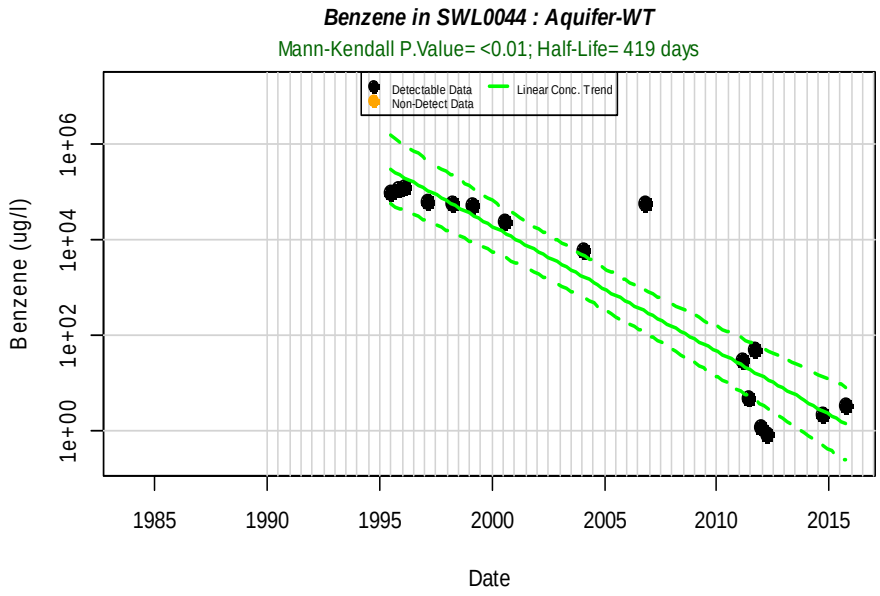

Benzene in SWL0016 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1342 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
20.00
1985
1990
1995
2000
2005
2010
2015
Date

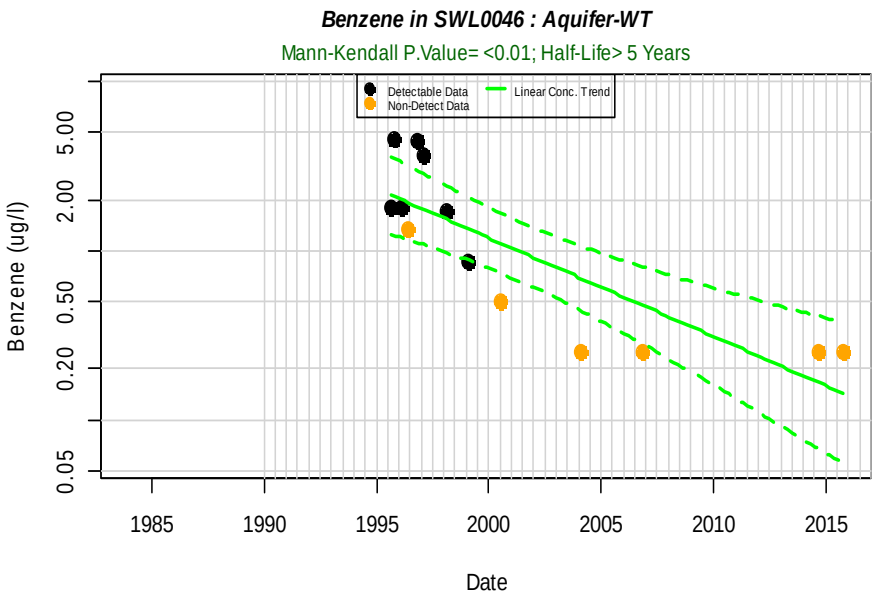

Benzene in SWL0017 : Aquifer-WT
Mann-Kendall P.Value= 0.0278; Half-Life= 1543 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

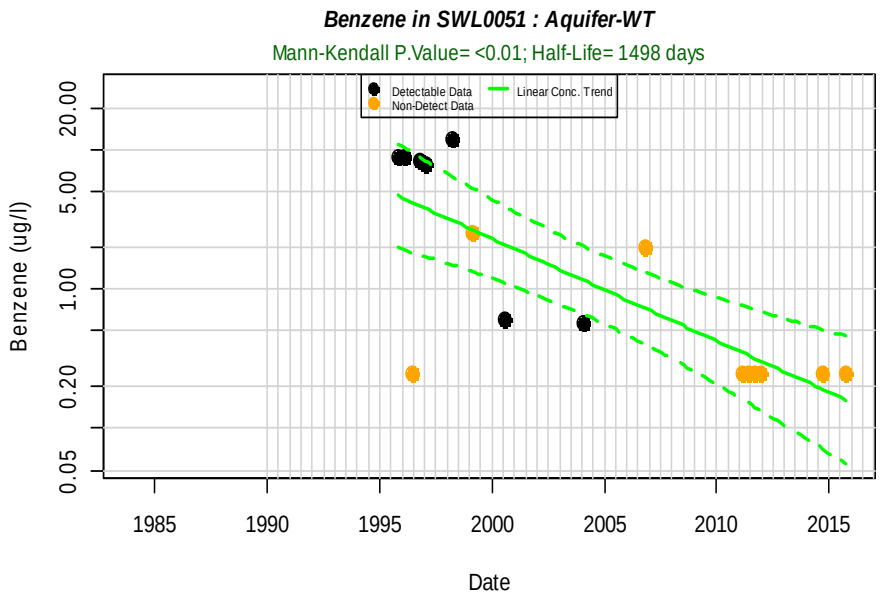

Benzene in SWL0024 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1813 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
50.00
1985
1990
1995
2000
2005
2010
2015
Date

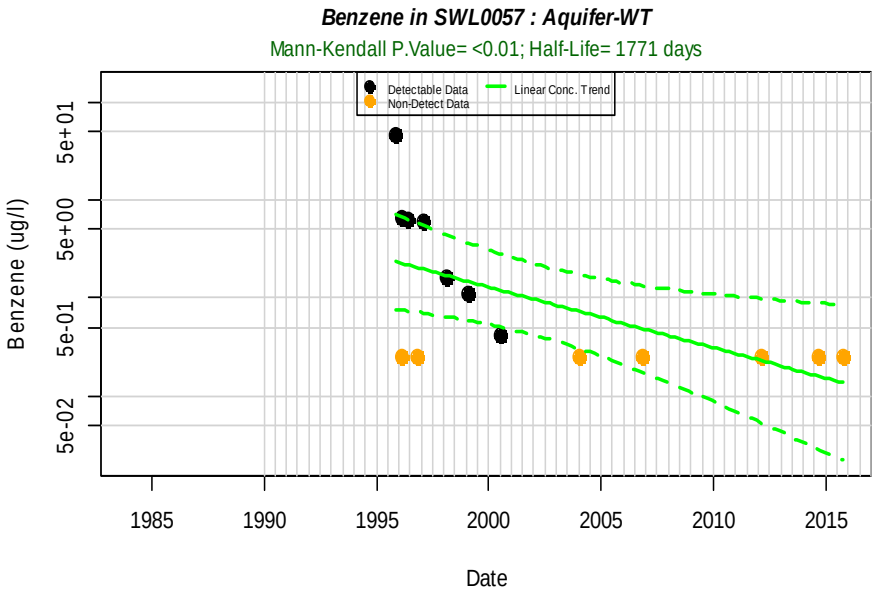

Benzene in SWL0028 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
1.0
2.0
5.0
10.0
1985
1990
1995
2000
2005
2010
2015
Date

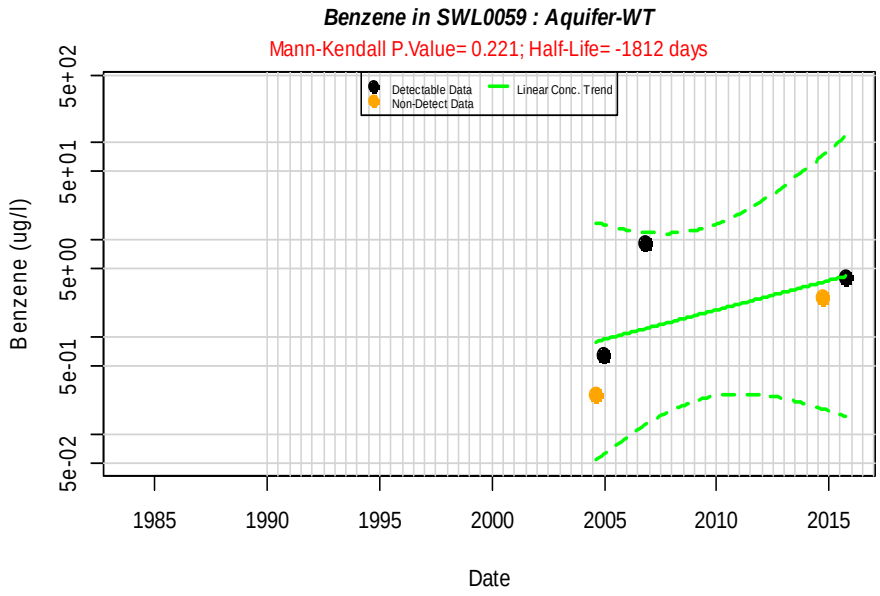

Benzene in SWL0038 : Aquifer-WT
Mann-Kendall P.Value= 0.0372; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
20.00
1985
1990
1995
2000
2005
2010
2015
Date

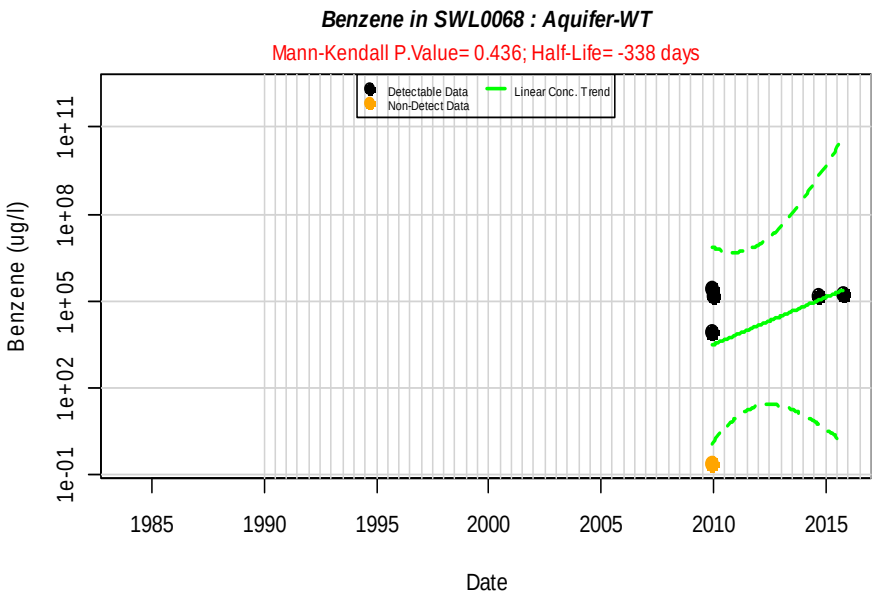

Benzene in SWL0044 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 419 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

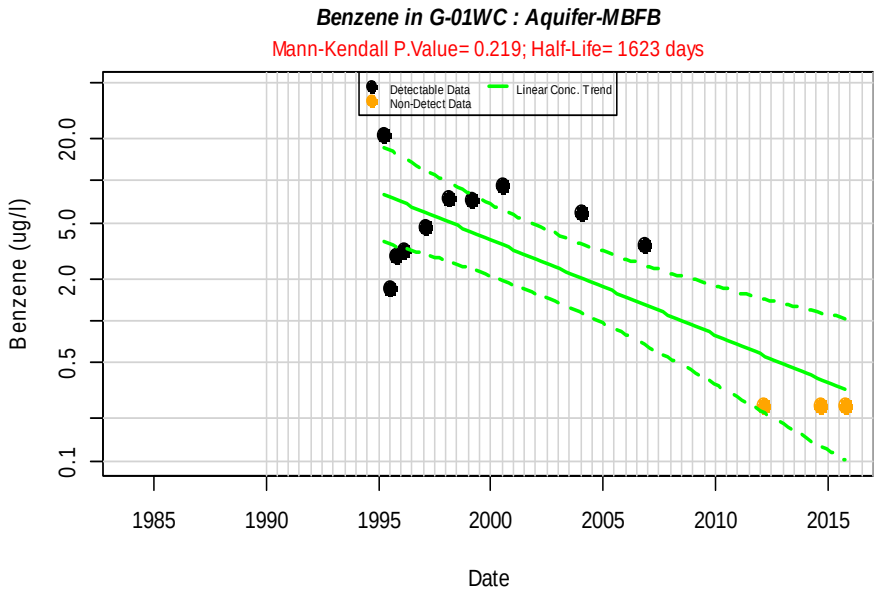

Benzene in SWL0046 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
0.50
2.00
5.00
1985
1990
1995
2000
2005
2010
2015
Date

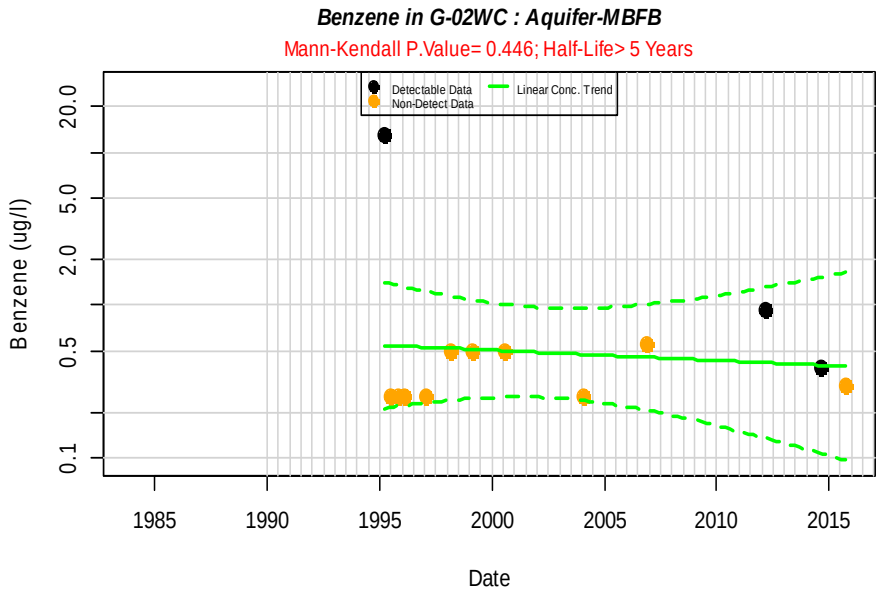

Benzene in SWL0051 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1498 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
20.00
1985
1990
1995
2000
2005
2010
2015
Date

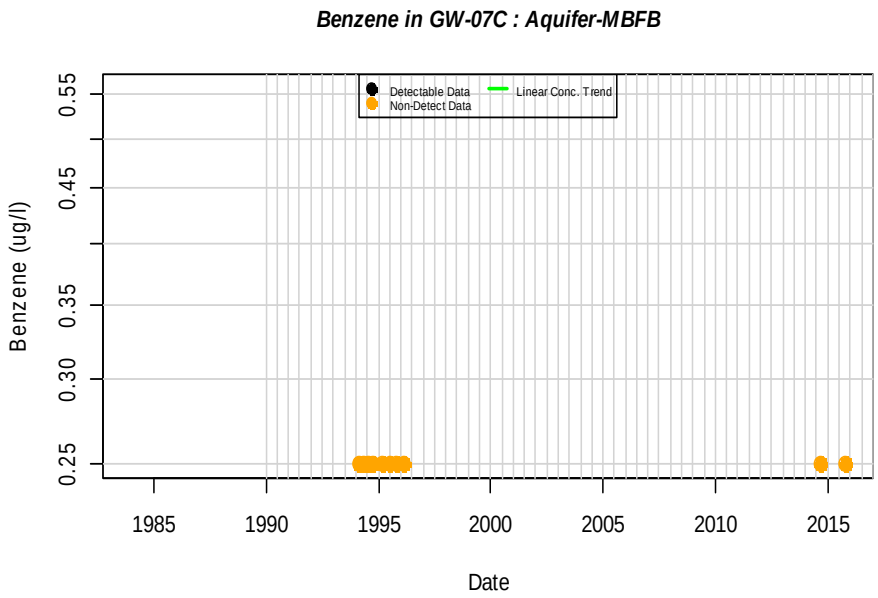

Benzene in SWL0057 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1771 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
1985
1990
1995
2000
2005
2010
2015
Date

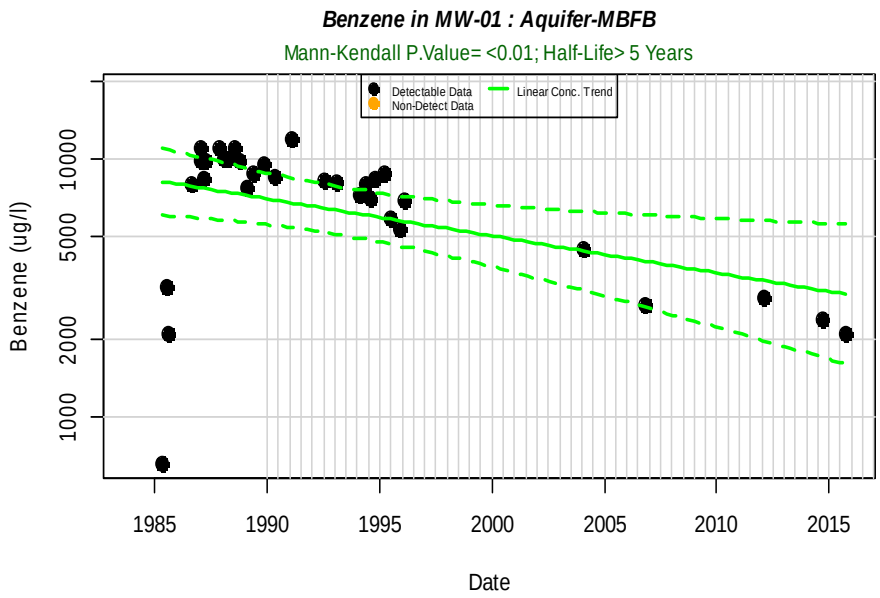

Benzene in SWL0059 : Aquifer-WT
Mann-Kendall P.Value= 0.221; Half-Life= -1812 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

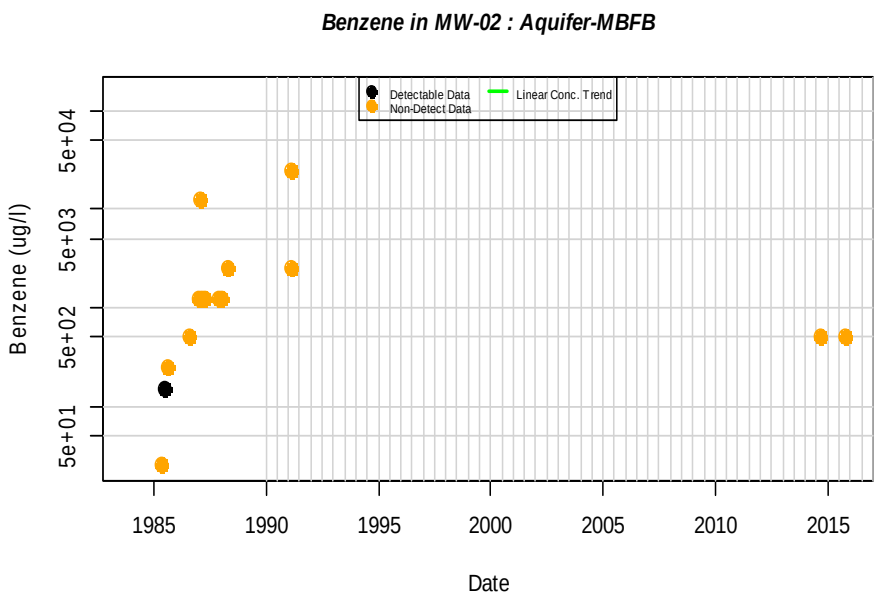

Benzene in SWL0068 : Aquifer-WT
Mann-Kendall P.Value= 0.436; Half-Life= -338 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+02
1e+05
1e+08
1e+11
1985
1990
1995
2000
2005
2010
2015
Date

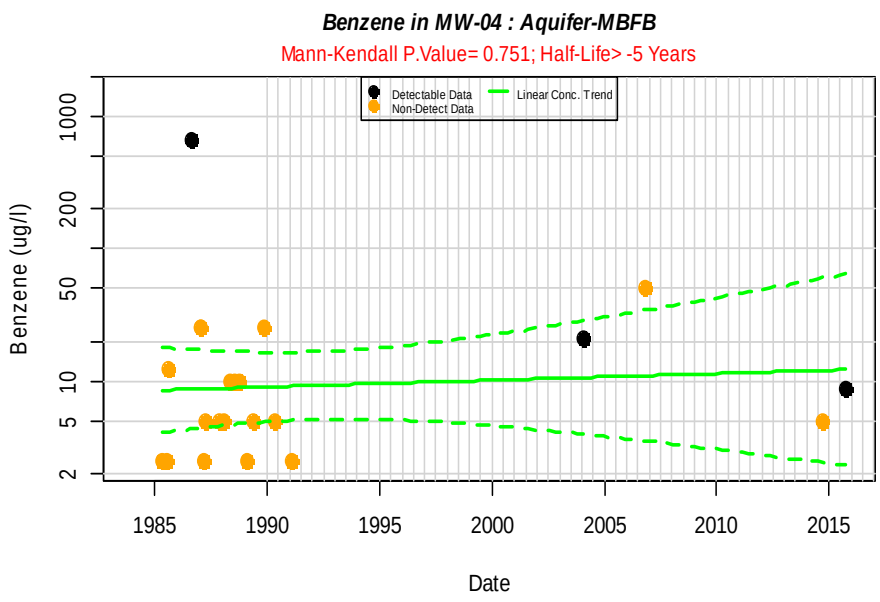

Benzene in G-01WC : Aquifer-MBFB
Mann-Kendall P.Value= 0.219; Half-Life= 1623 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

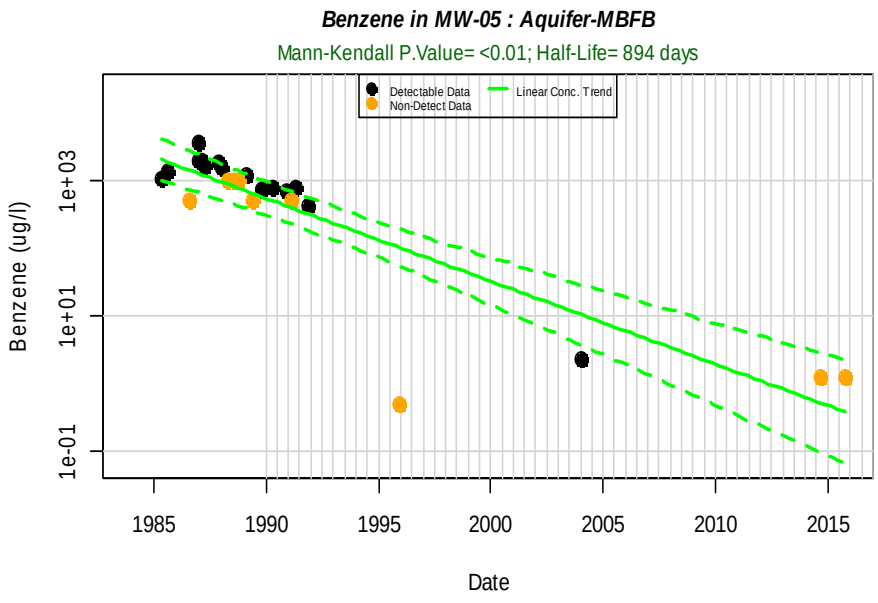

Benzene in G-02WC : Aquifer-MBFB
Mann-Kendall P.Value= 0.446; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

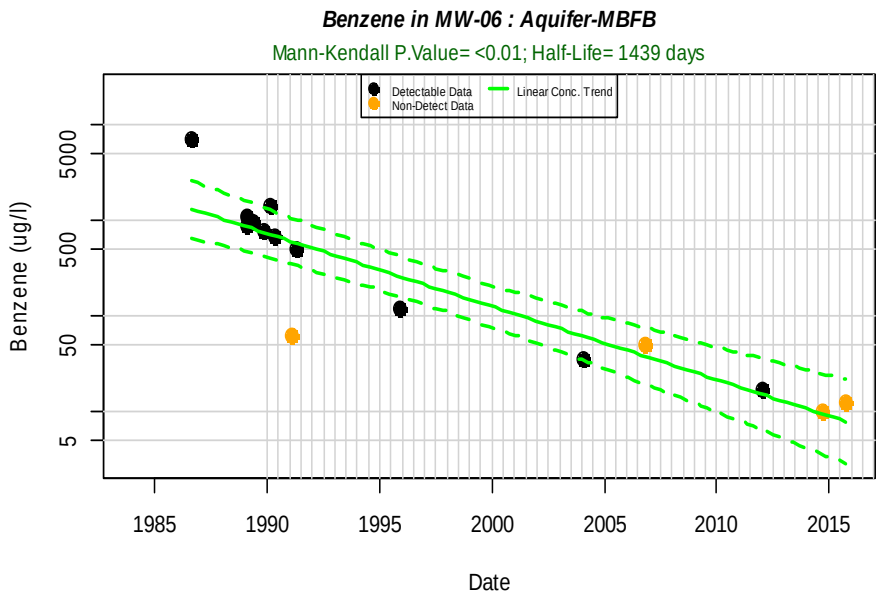

Benzene in GW-07C : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.25
0.30
0.35
0.45
0.55
1985
1990
1995
2000
2005
2010
2015
Date

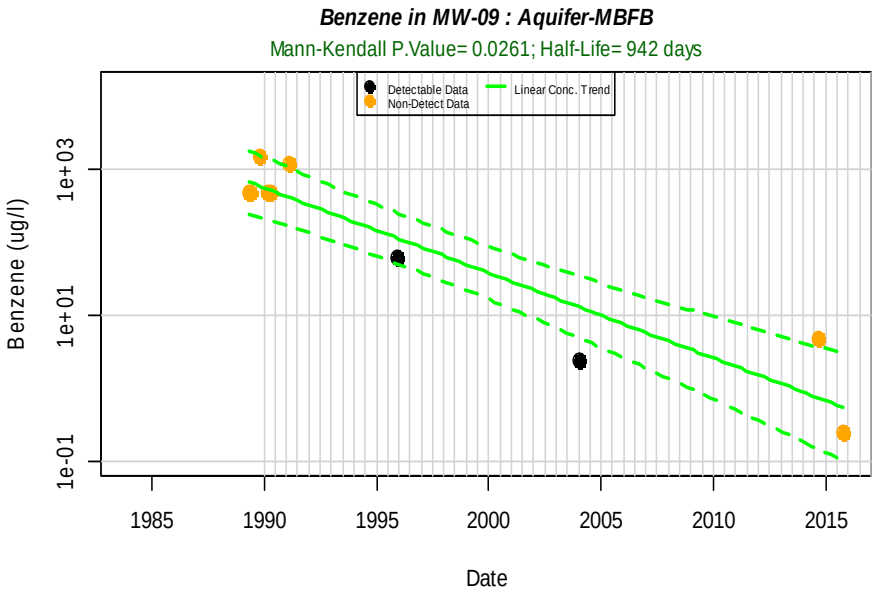

Benzene in MW-01 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1000
2000
5000
10000
1985
1990
1995
2000
2005
2010
2015
Date

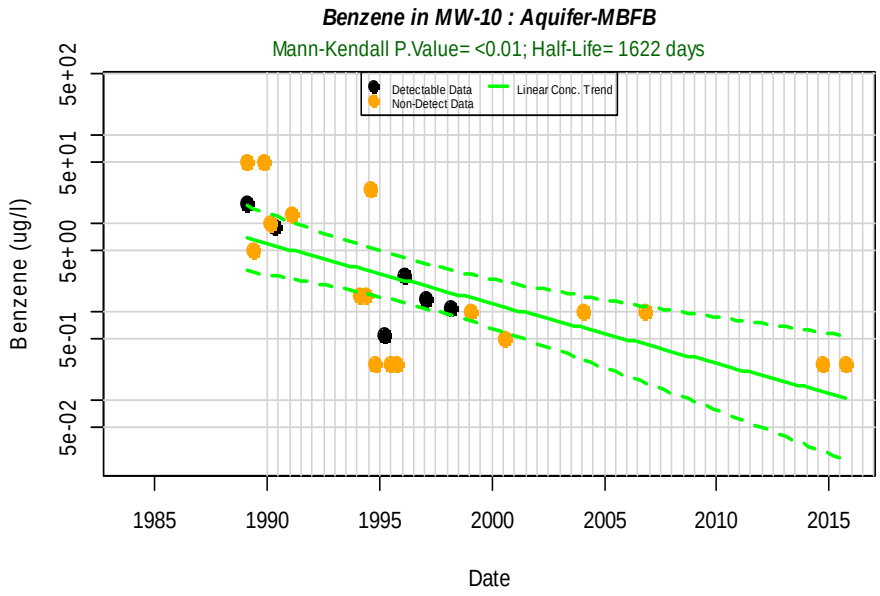

Benzene in MW-02 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e+01
5e+02
5e+03
5e+04
1985
1990
1995
2000
2005
2010
2015
Date

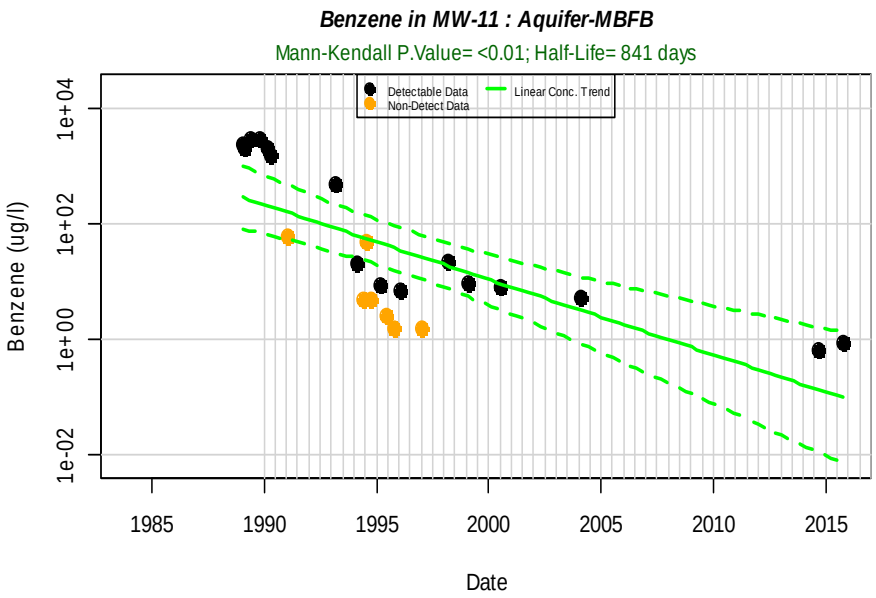

Benzene in MW-04 : Aquifer-MBFB
Mann-Kendall P.Value= 0.751; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2
5
10
50
200
1000
1985
1990
1995
2000
2005
2010
2015
Date

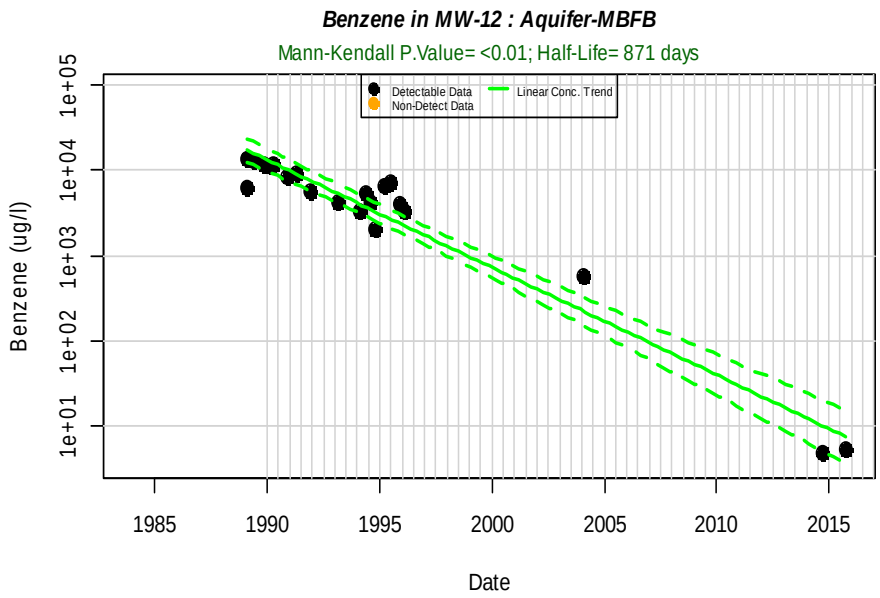

Benzene in MW-05 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 894 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

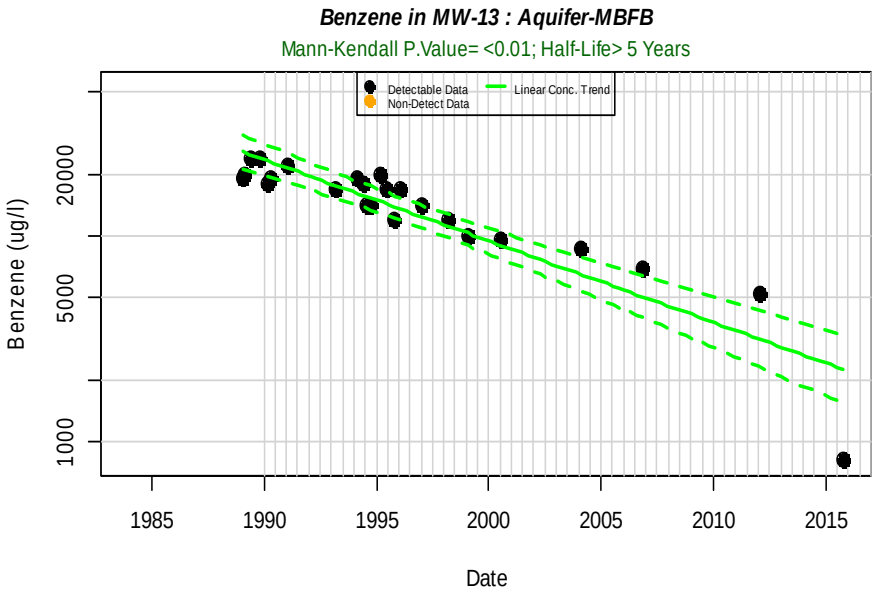

Benzene in MW-06 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 1439 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5
50
500
5000
1985
1990
1995
2000
2005
2010
2015
Date

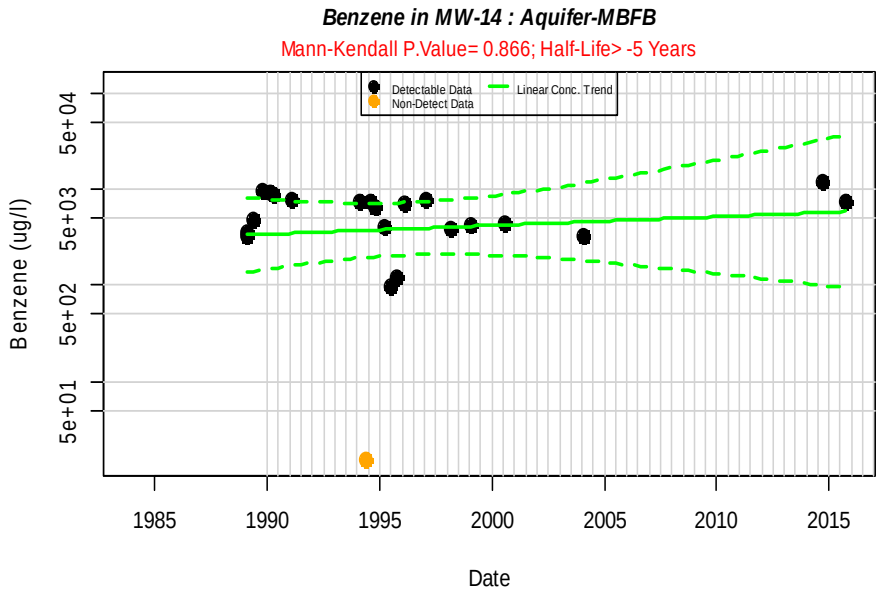

Benzene in MW-09 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0261; Half-Life= 942 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

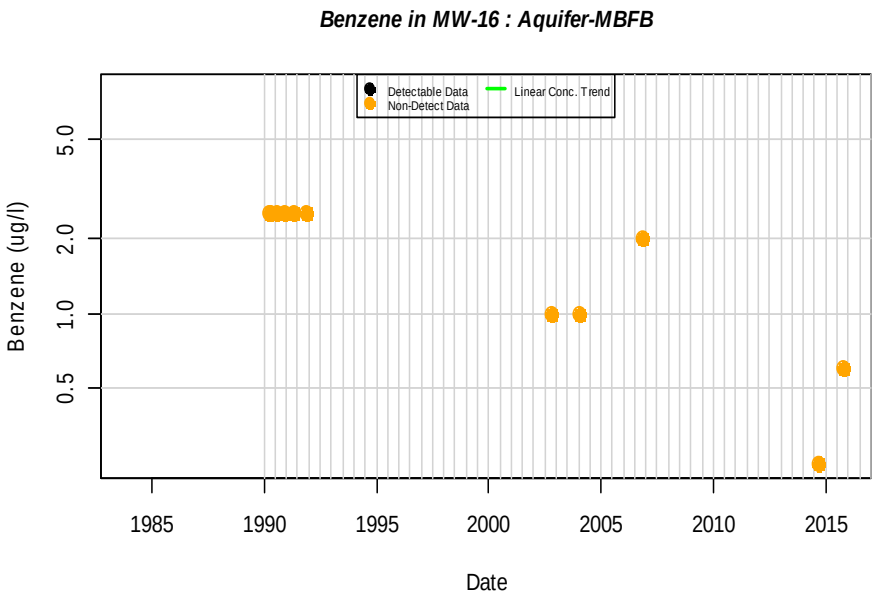

Benzene in MW-10 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 1622 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

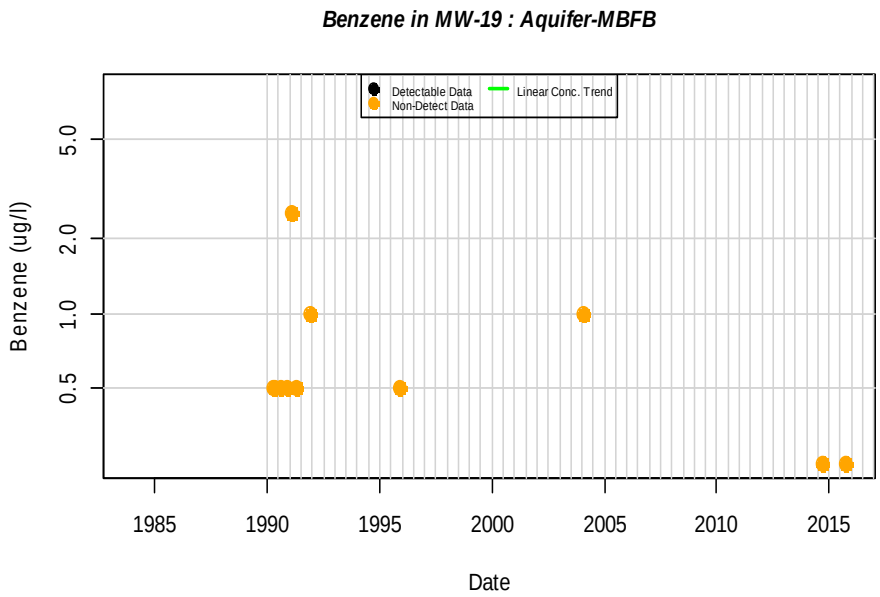

Benzene in MW-11 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 841 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-02
1e+00
1e+02
1e+04
1985
1990
1995
2000
2005
2010
2015
Date

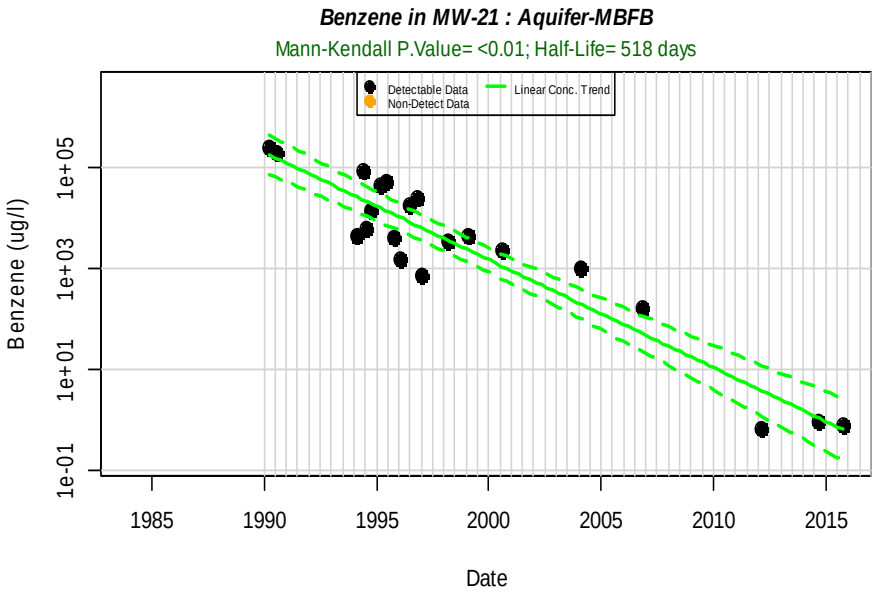

Benzene in MW-12 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 871 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+01
1e+02
1e+03
1e+04
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

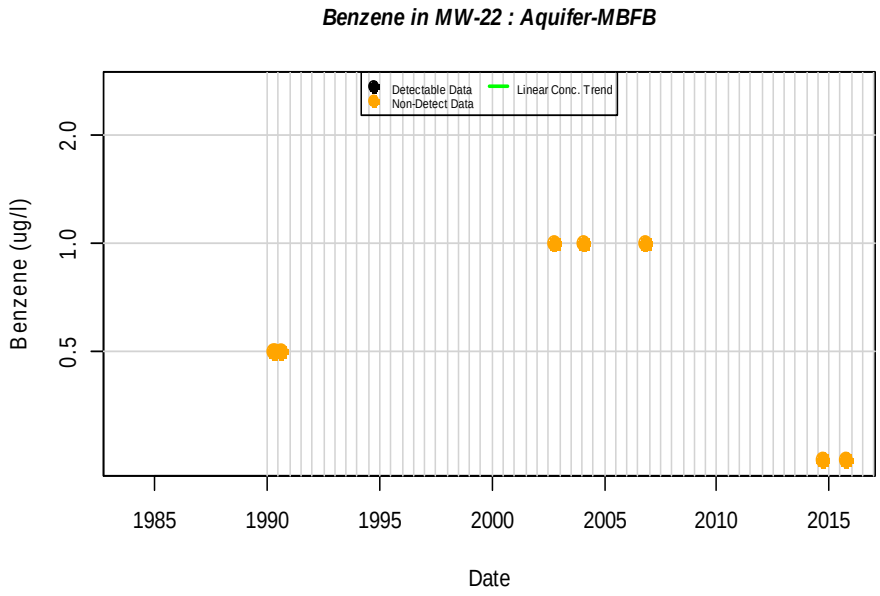

Benzene in MW-13 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1000
5000
20000
1985
1990
1995
2000
2005
2010
2015
Date

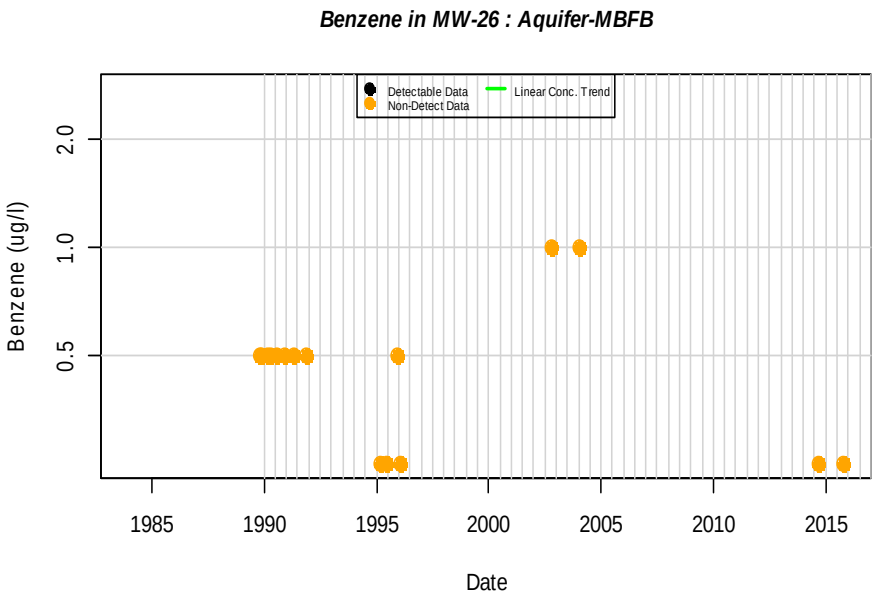

Benzene in MW-14 : Aquifer-MBFB
Mann-Kendall P.Value= 0.866; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e+01
5e+02
5e+03
5e+04
1985
1990
1995
2000
2005
2010
2015
Date

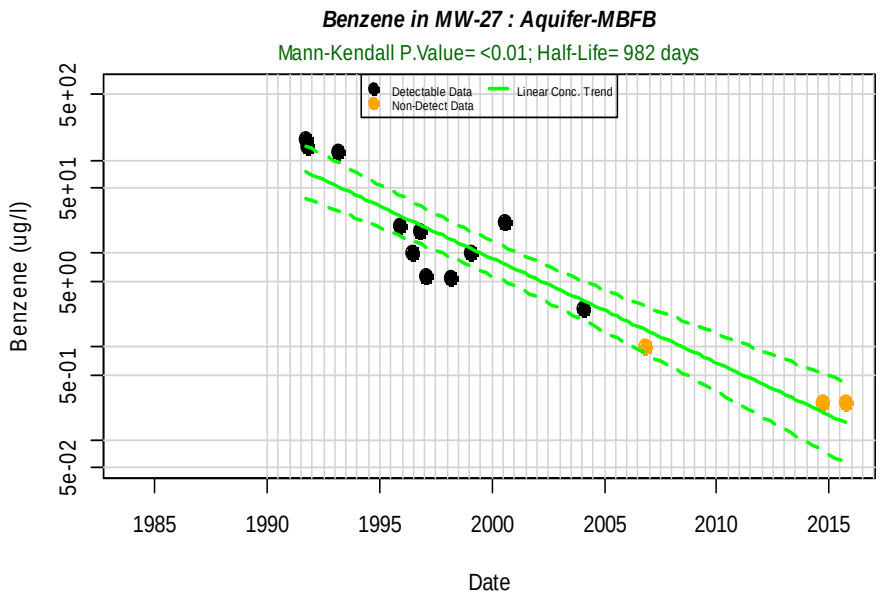

Benzene in MW-16 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

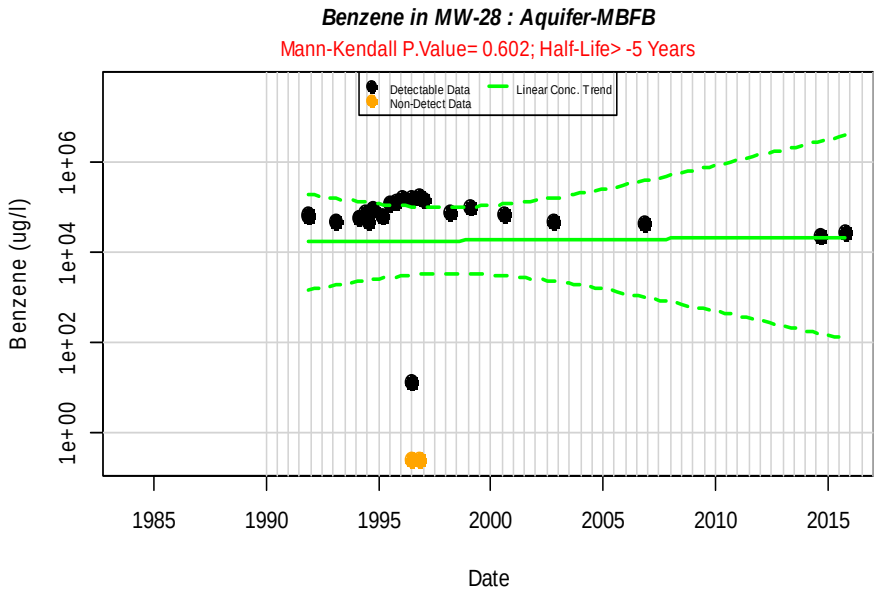

Benzene in MW-19 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

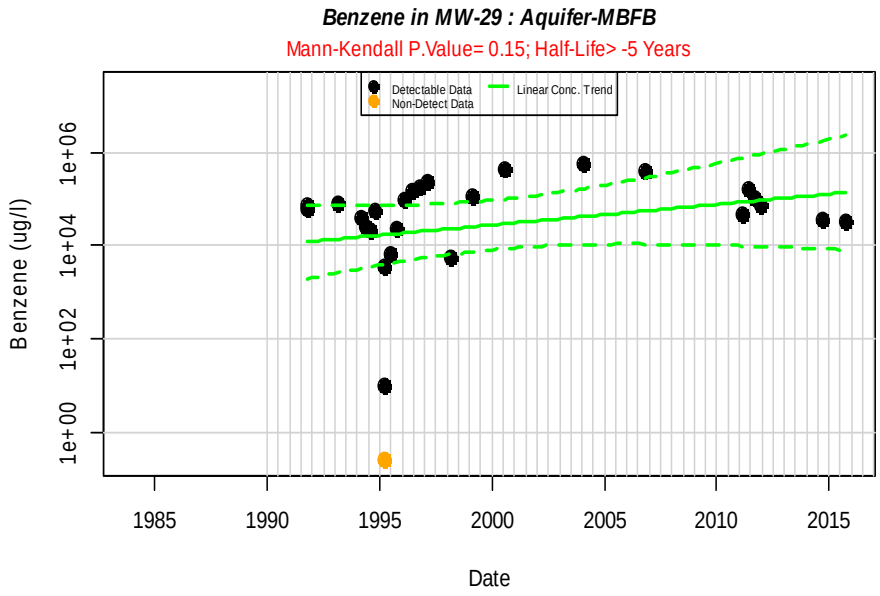

Benzene in MW-21 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 518 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

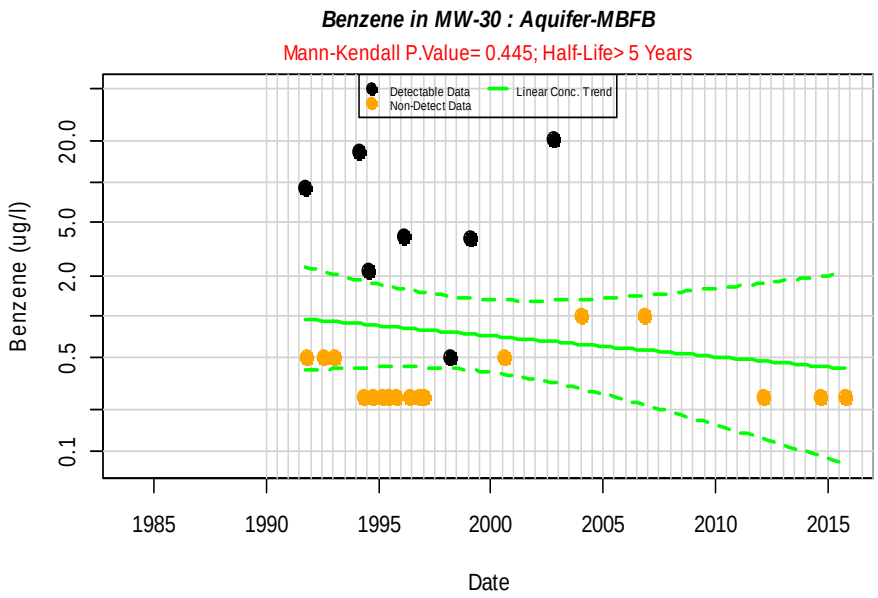

Benzene in MW-22 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

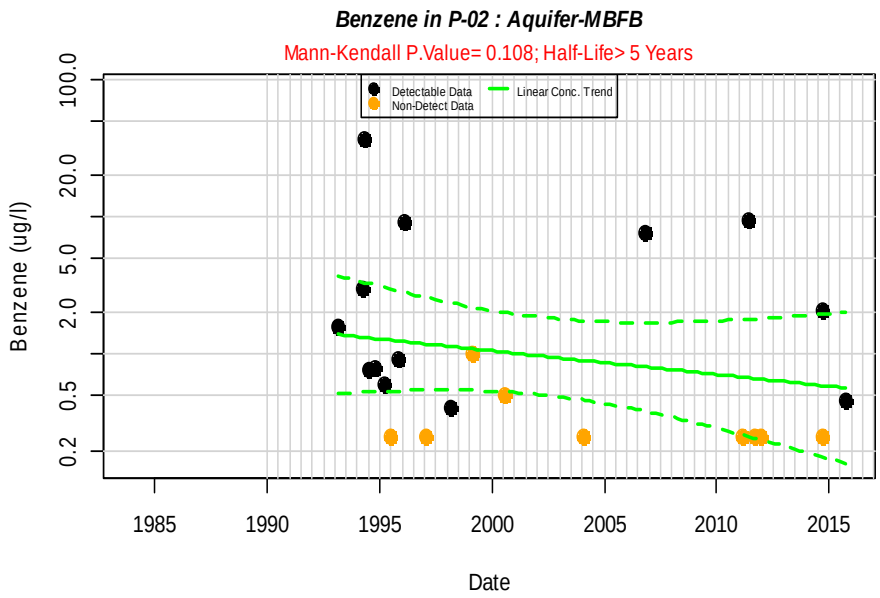

Benzene in MW-26 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

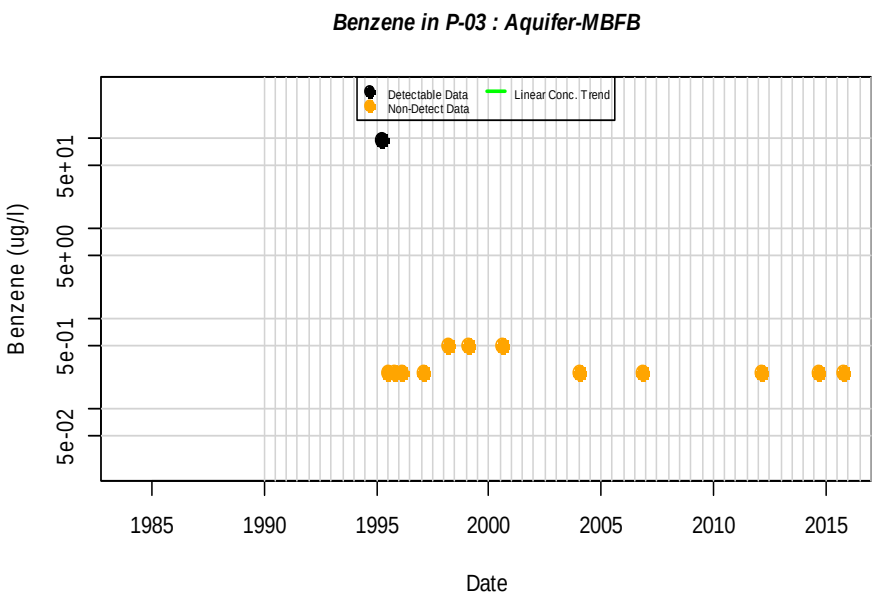

Benzene in MW-27 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 982 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

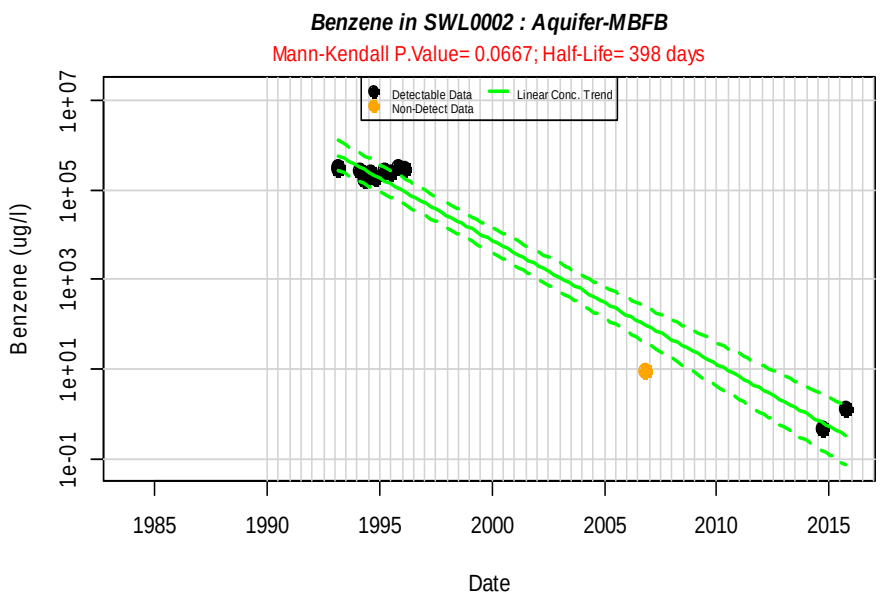

Benzene in MW-28 : Aquifer-MBFB
Mann-Kendall P.Value= 0.602; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

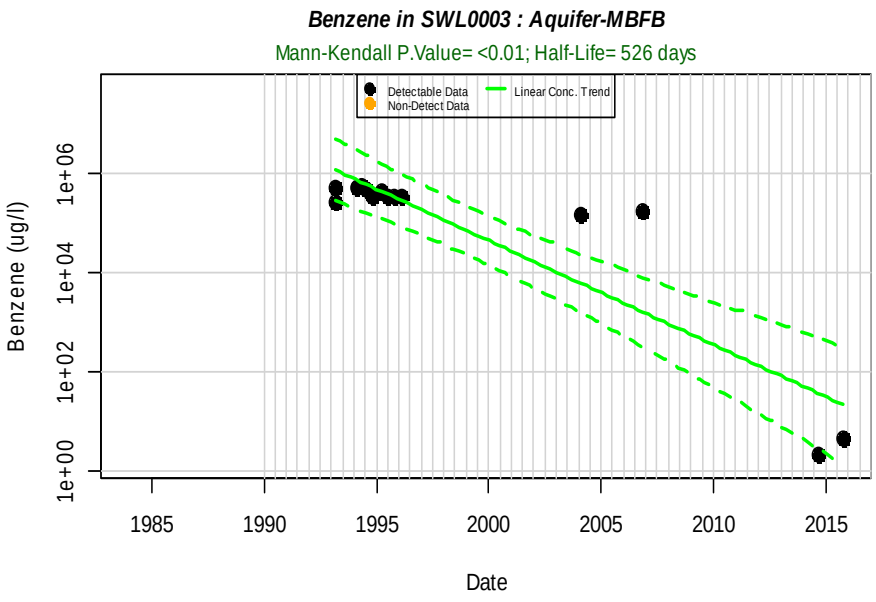

Benzene in MW-29 : Aquifer-MBFB
Mann-Kendall P.Value= 0.15; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

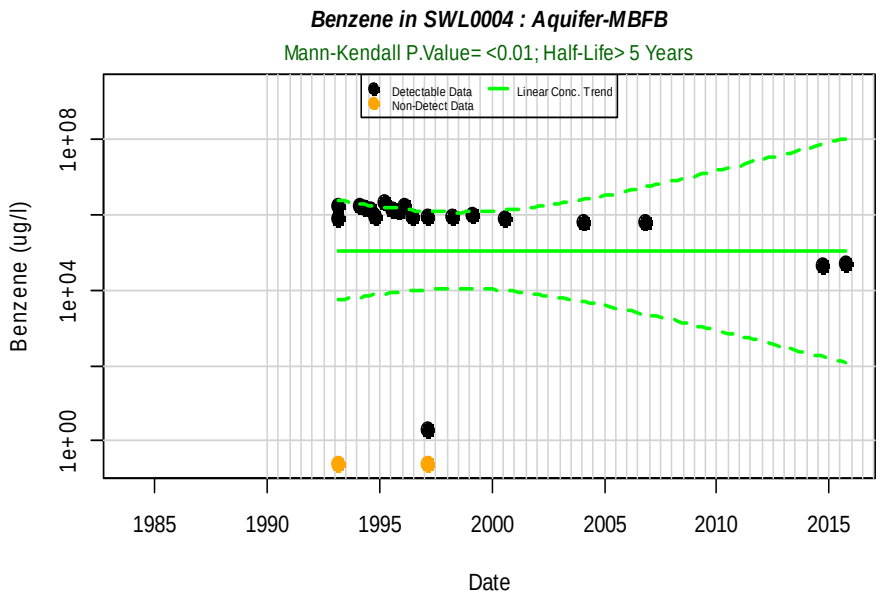

Benzene in MW-30 : Aquifer-MBFB
Mann-Kendall P.Value= 0.445; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

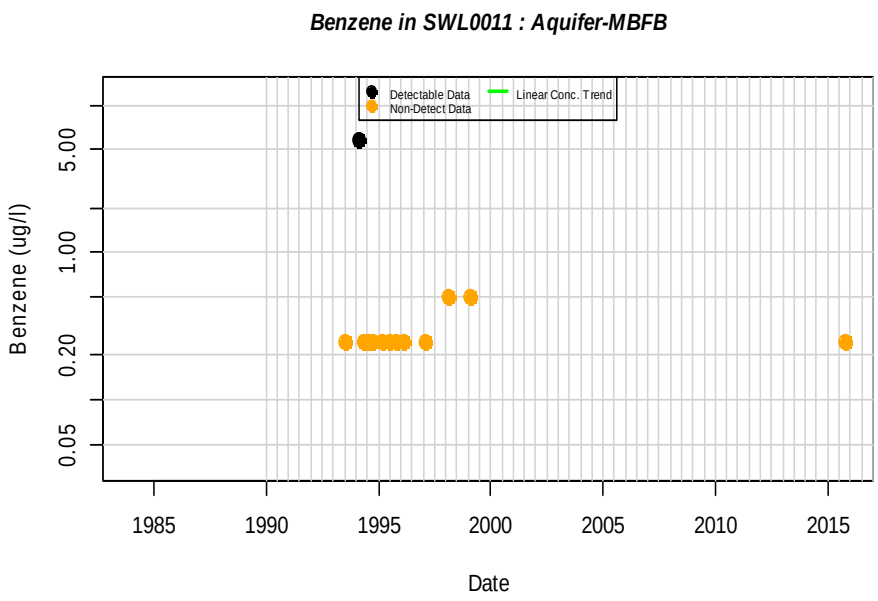

Benzene in P-02 : Aquifer-MBFB
Mann-Kendall P.Value= 0.108; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

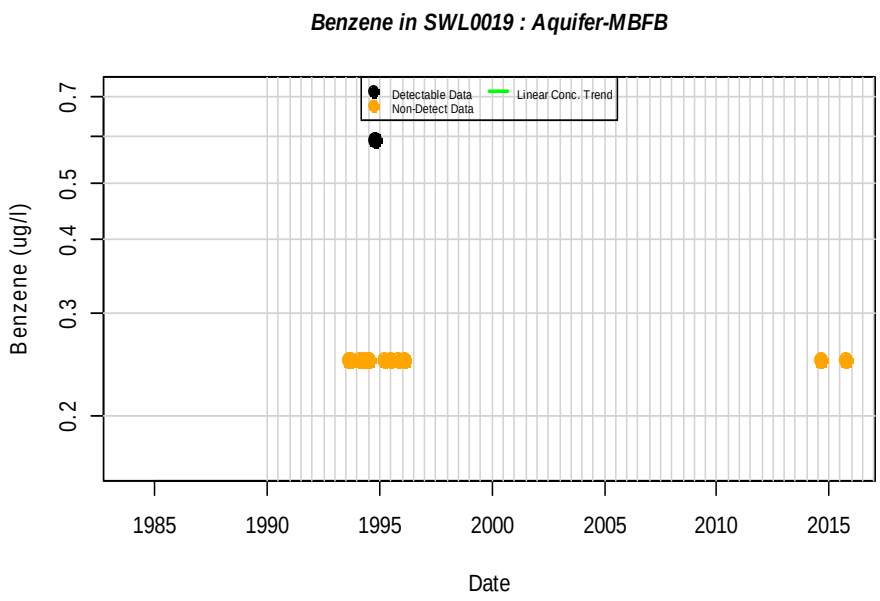

Benzene in P-03 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
1985
1990
1995
2000
2005
2010
2015
Date

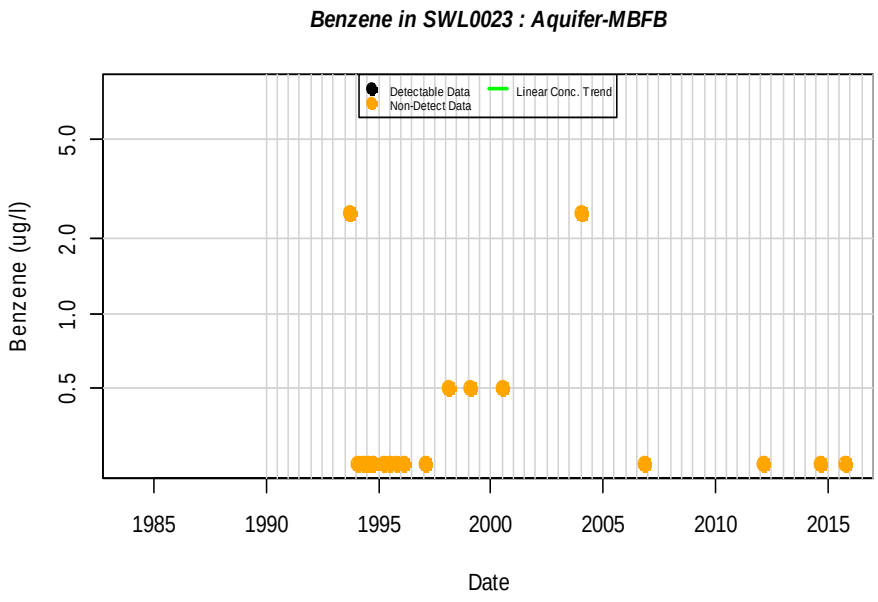

Benzene in SWL0002 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0667; Half-Life= 398 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1e+07
1985
1990
1995
2000
2005
2010
2015
Date

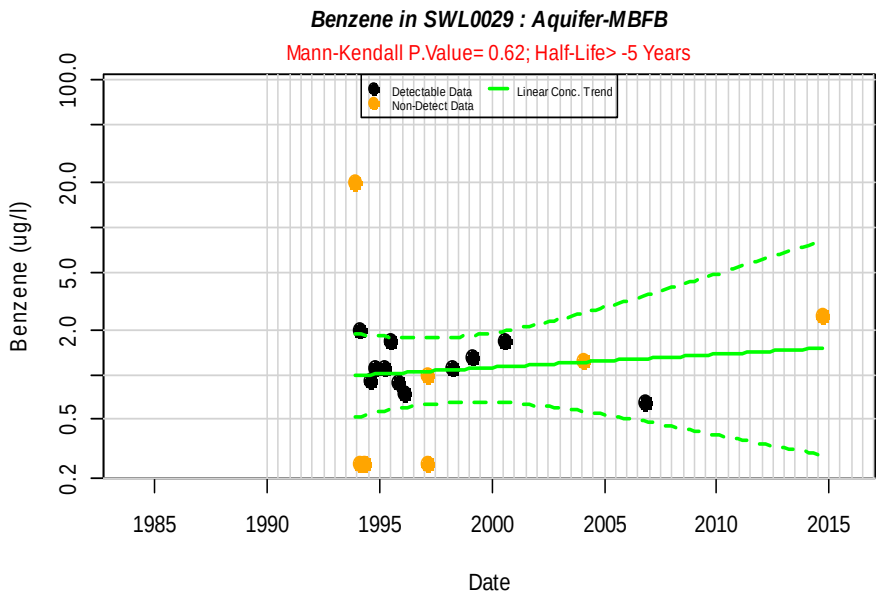

Benzene in SWL0003 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 526 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

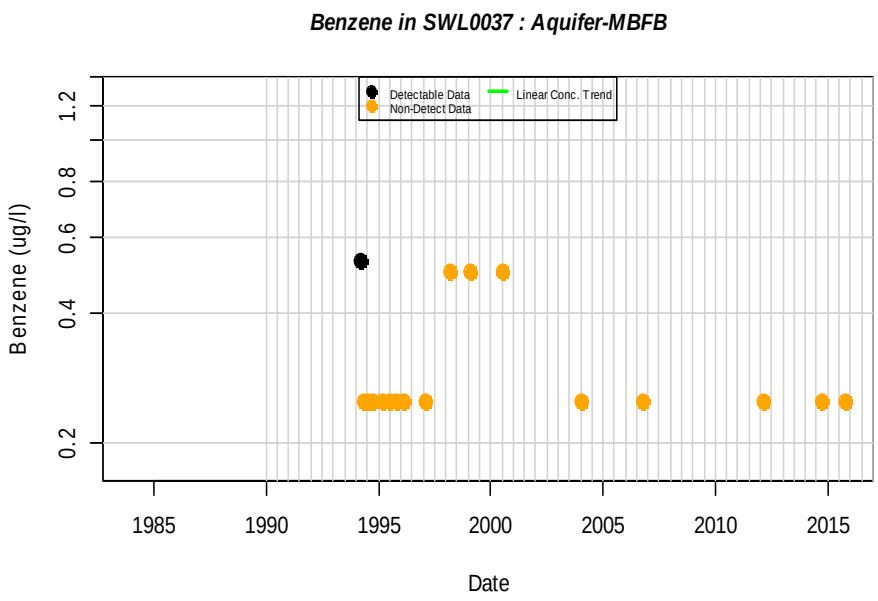

Benzene in SWL0004 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+04
1e+08
1985
1990
1995
2000
2005
2010
2015
Date

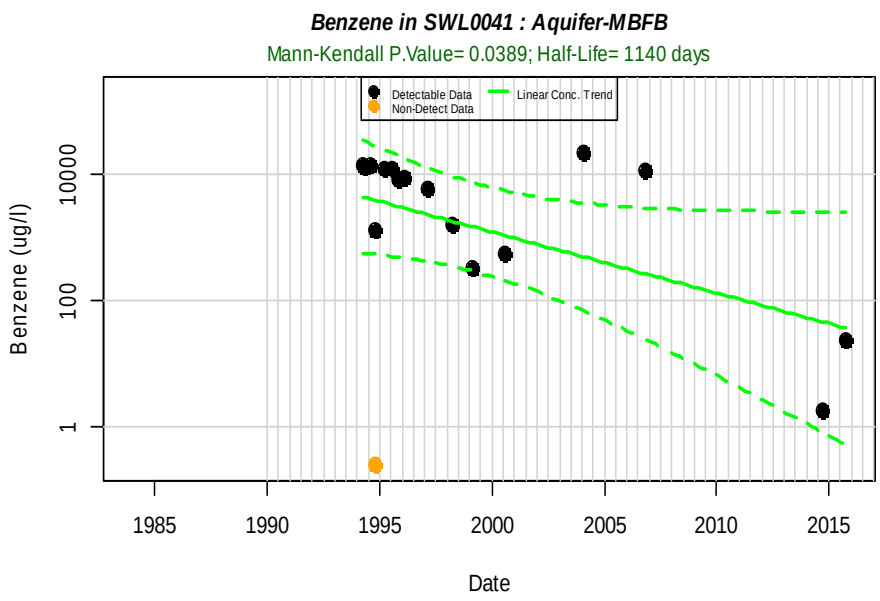

Benzene in SWL0011 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
1985
1990
1995
2000
2005
2010
2015
Date

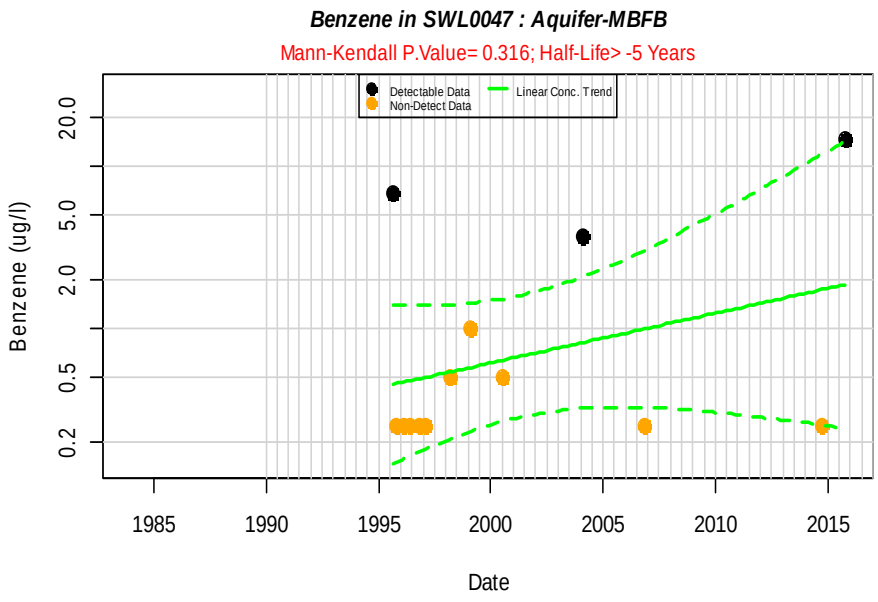

Benzene in SWL0019 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.3
0.4
0.5
0.7
1985
1990
1995
2000
2005
2010
2015
Date

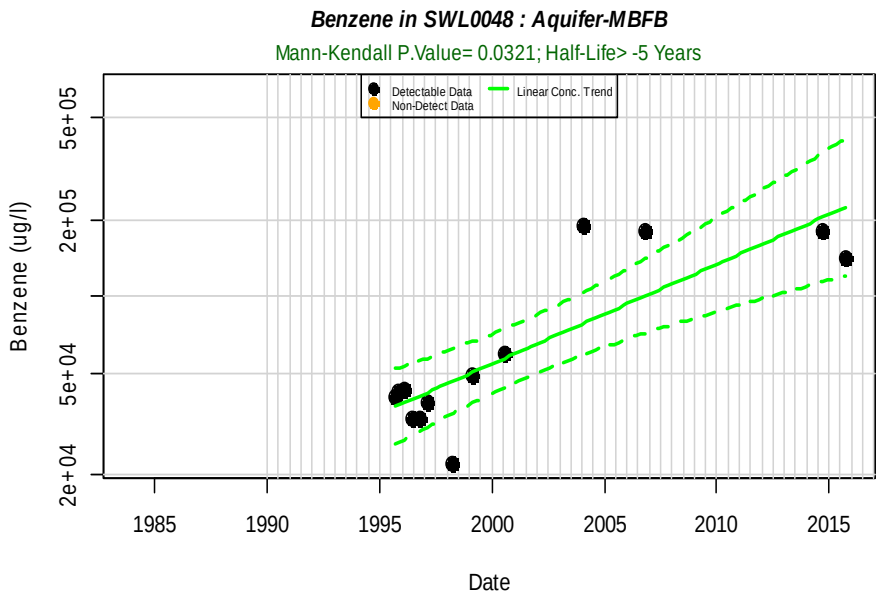

Benzene in SWL0023 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

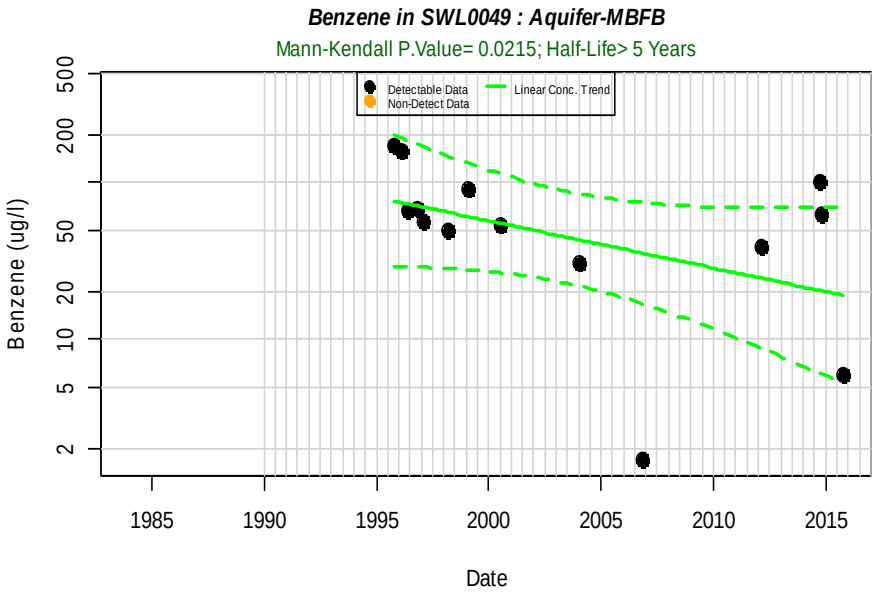

Benzene in SWL0029 : Aquifer-MBFB
Mann-Kendall P.Value= 0.62; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

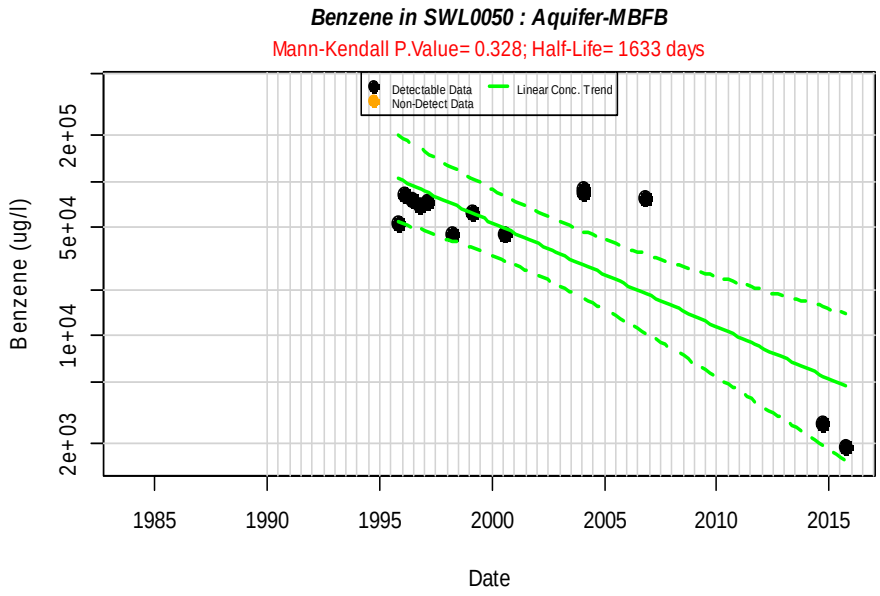

Benzene in SWL0037 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.4
0.6
0.8
1.2
1985
1990
1995
2000
2005
2010
2015
Date

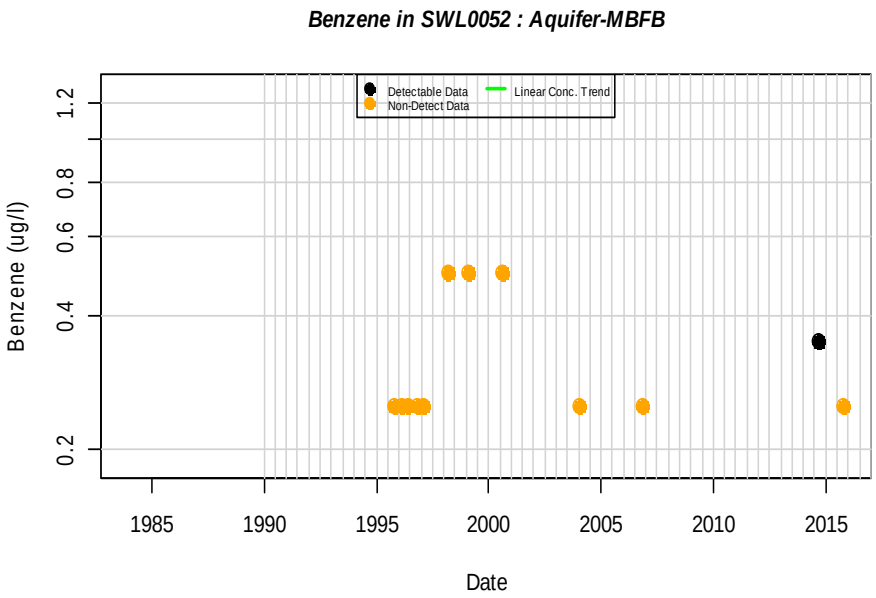

Benzene in SWL0041 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0389; Half-Life= 1140 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1
100
10000
1985
1990
1995
2000
2005
2010
2015
Date

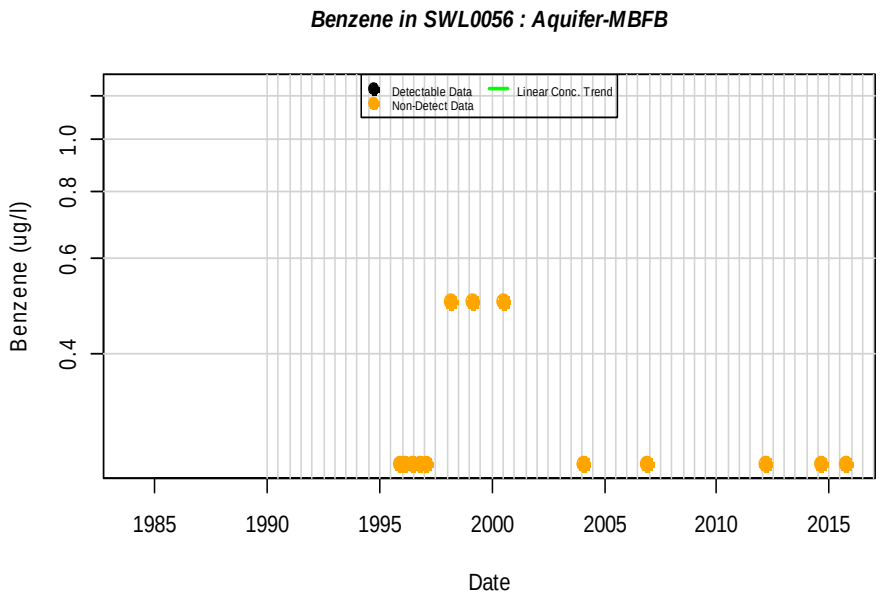

Benzene in SWL0047 : Aquifer-MBFB
Mann-Kendall P.Value= 0.316; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

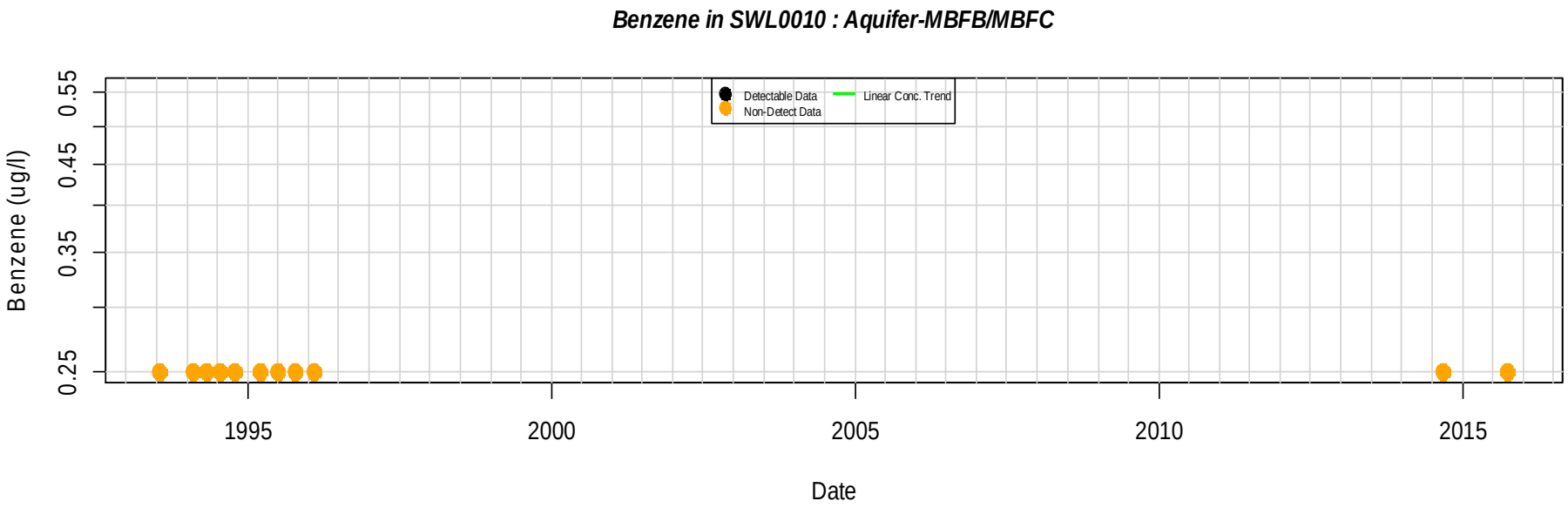

Benzene in SWL0048 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0321; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2e+04
5e+04
2e+05
5e+05
1985
1990
1995
2000
2005
2010
2015
Date

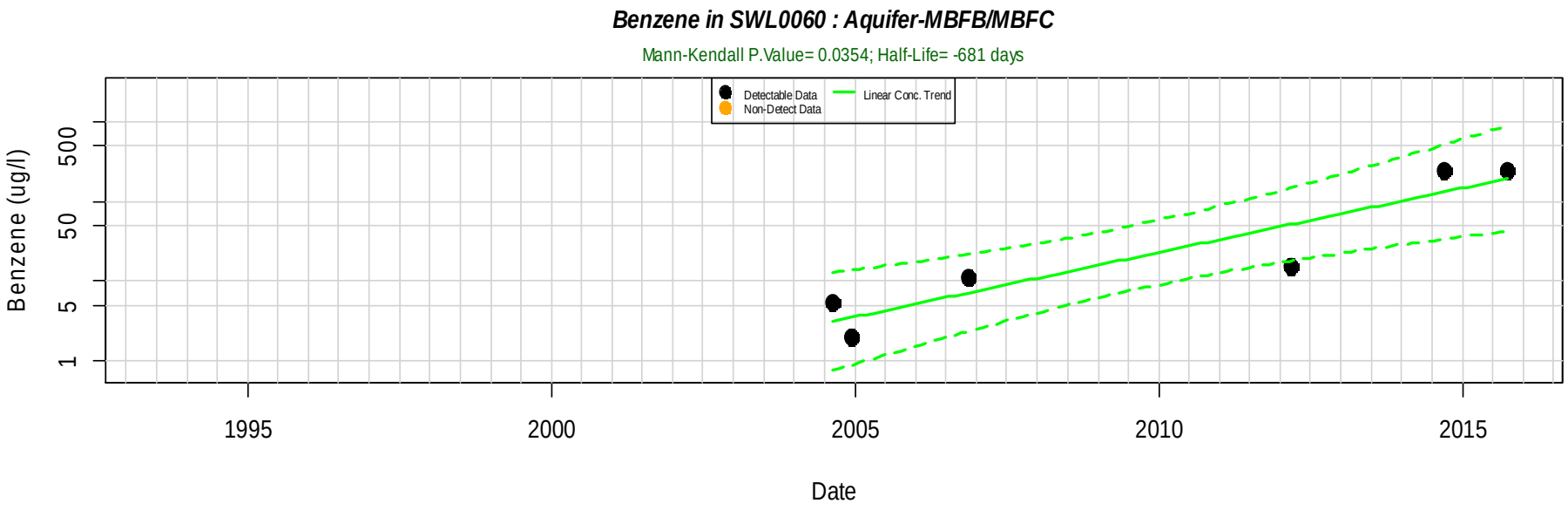

Benzene in SWL0049 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0215; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2
5
10
20
50
200
500
1985
1990
1995
2000
2005
2010
2015
Date

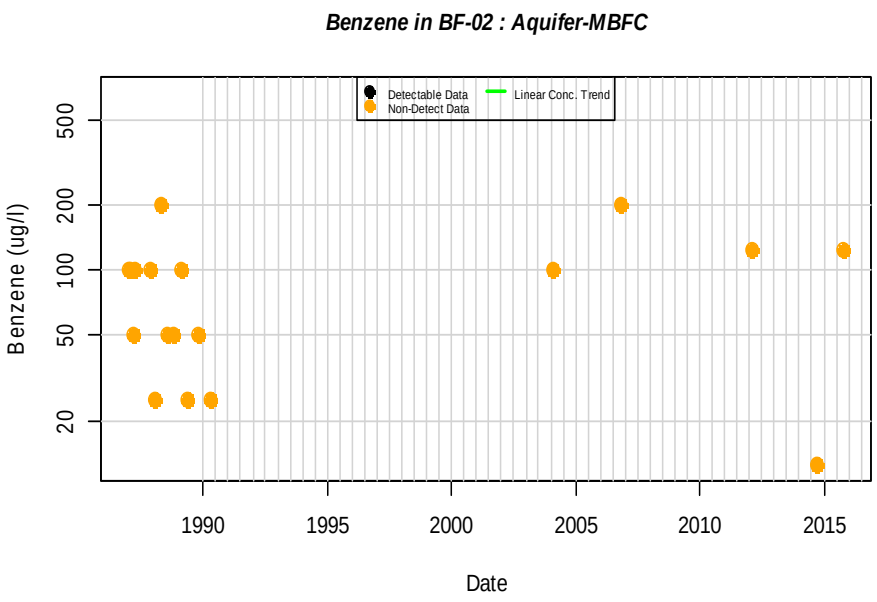

Benzene in SWL0050 : Aquifer-MBFB
Mann-Kendall P.Value= 0.328; Half-Life= 1633 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2e+03
1e+04
5e+04
2e+05
1985
1990
1995
2000
2005
2010
2015
Date

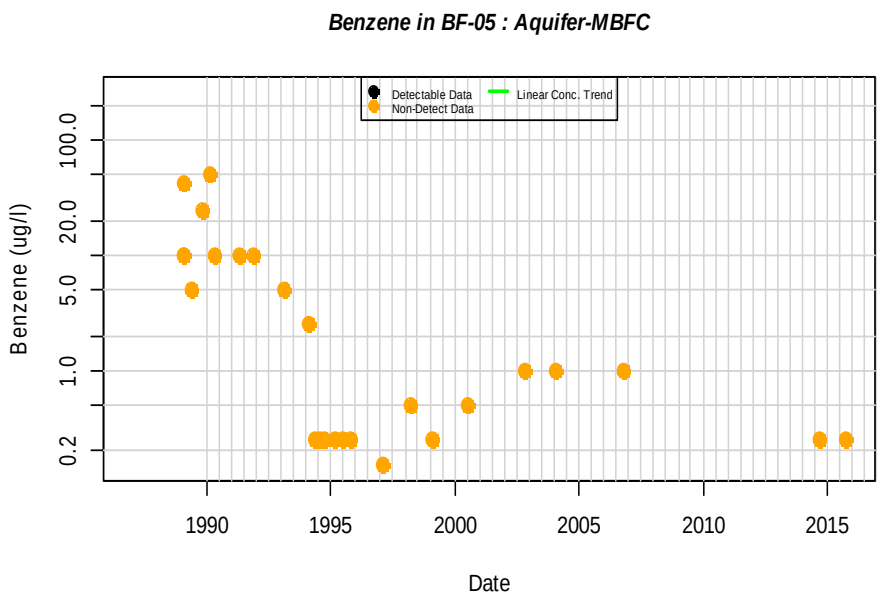

Benzene in SWL0052 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.4
0.6
0.8
1.2
1985
1990
1995
2000
2005
2010
2015
Date

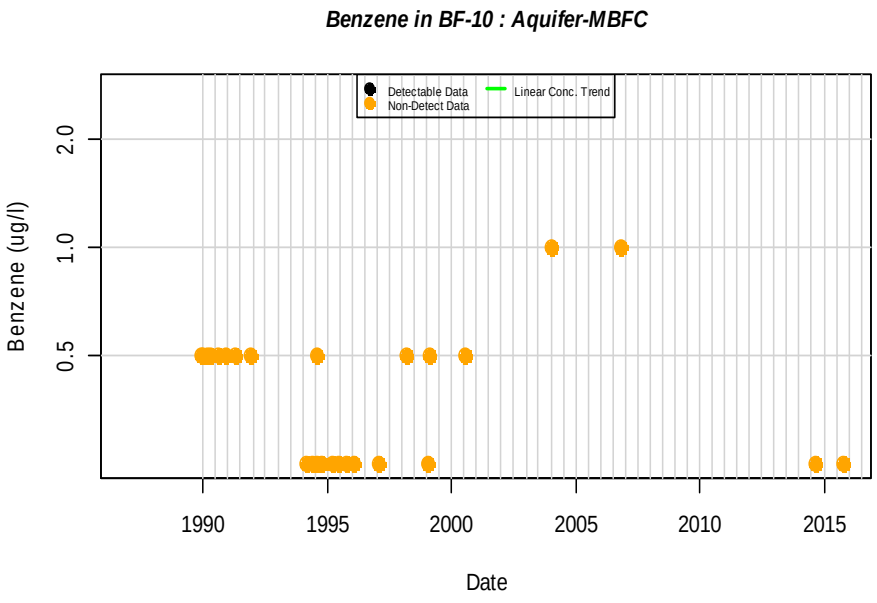

Benzene in SWL0056 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

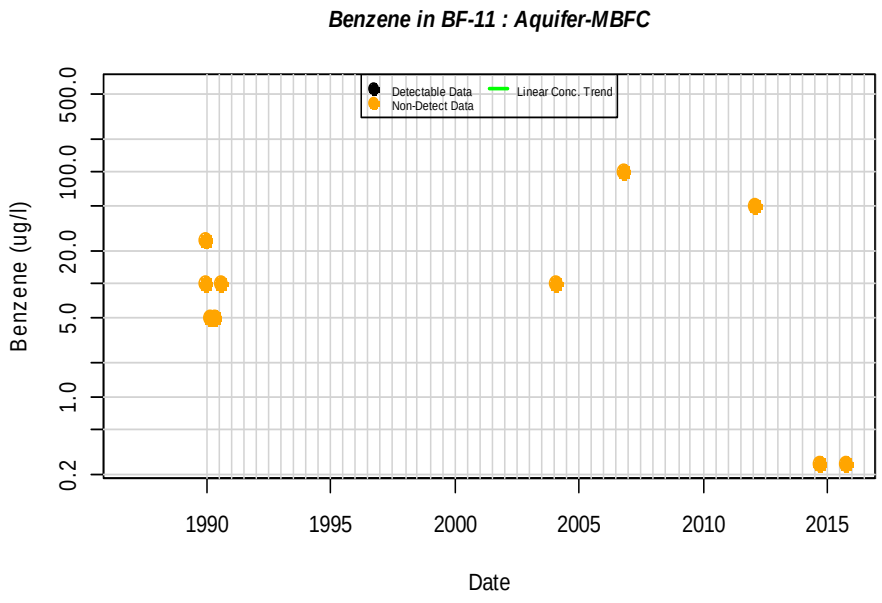

Benzene in SWL0010 : Aquifer-MBFB/MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.25
0.35
0.45
0.55
1995
2000
2005
2010
2015
Date

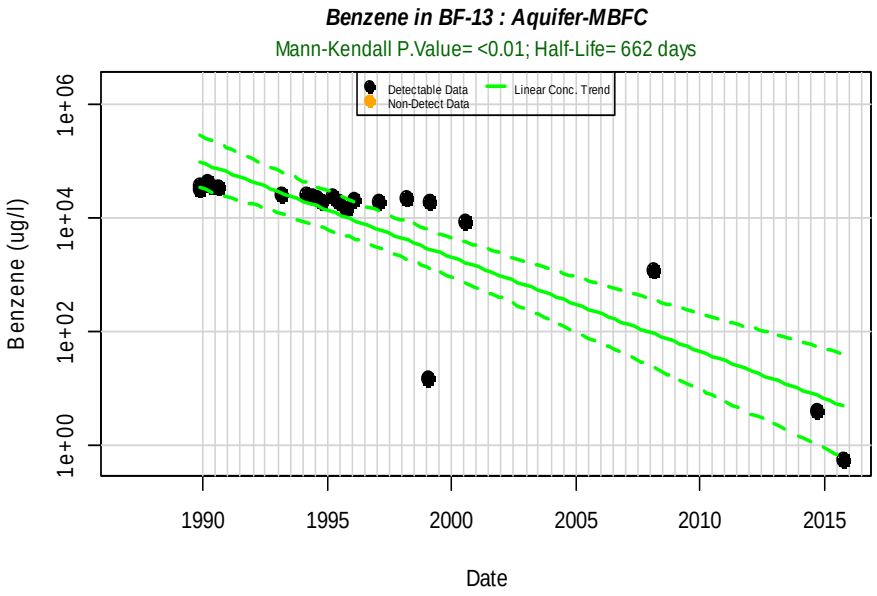

Benzene in SWL0060 : Aquifer-MBFB/MBFC
Mann-Kendall P.Value= 0.0354; Half-Life= -681 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1
5
50
500
1995
2000
2005
2010
2015
Date

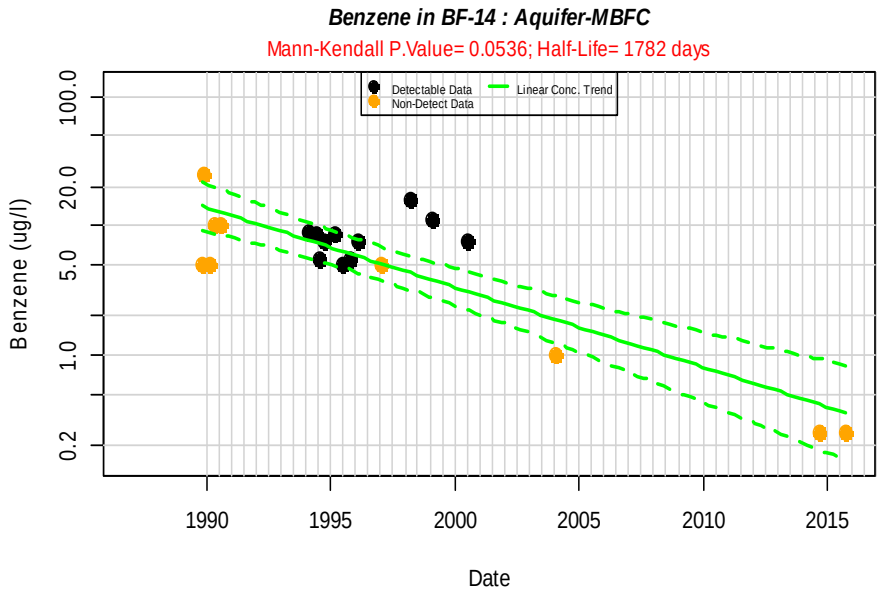

Benzene in BF-02 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
20
50
100
200
500
1990
1995
2000
2005
2010
2015
Date

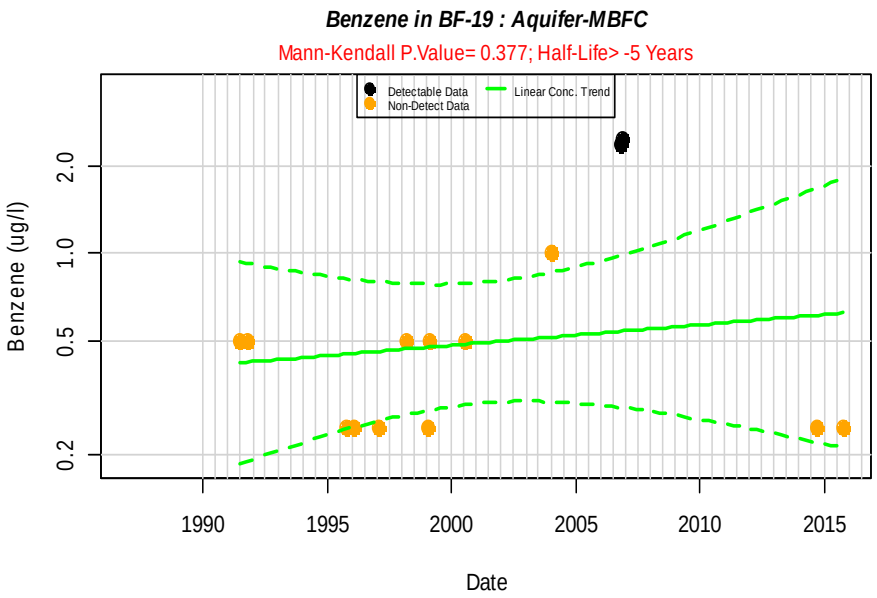

Benzene in BF-05 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

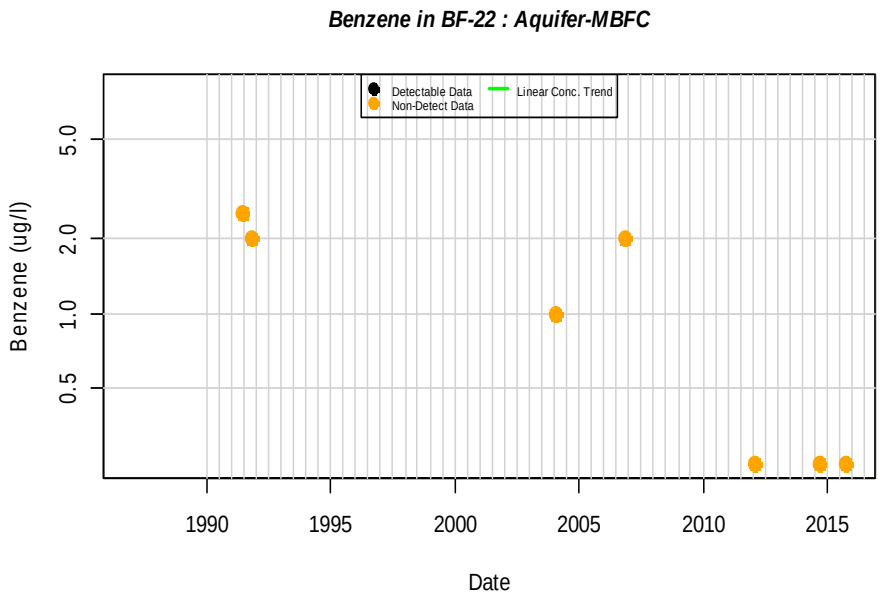

Benzene in BF-10 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

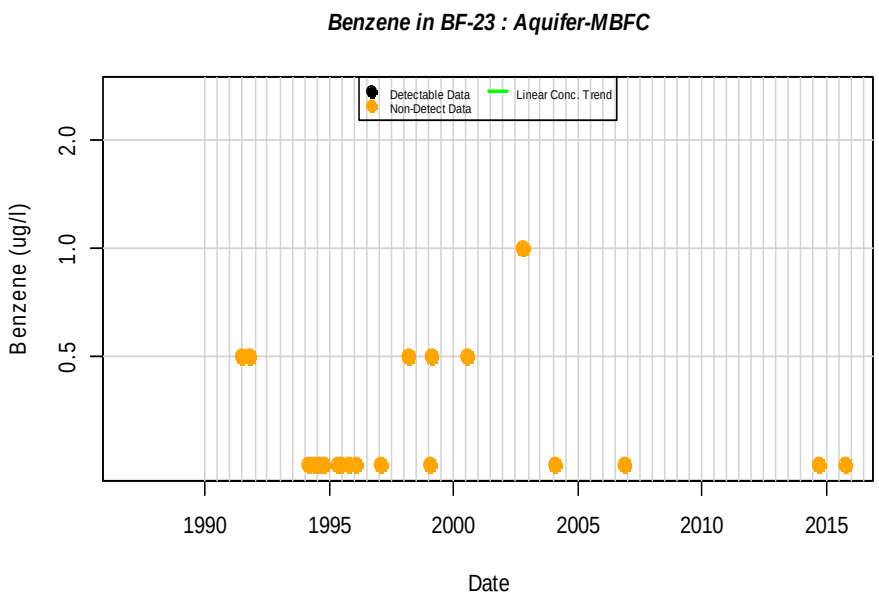

Benzene in BF-11 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
1.0
5.0
20.0
100.0
500.0
1990
1995
2000
2005
2010
2015
Date

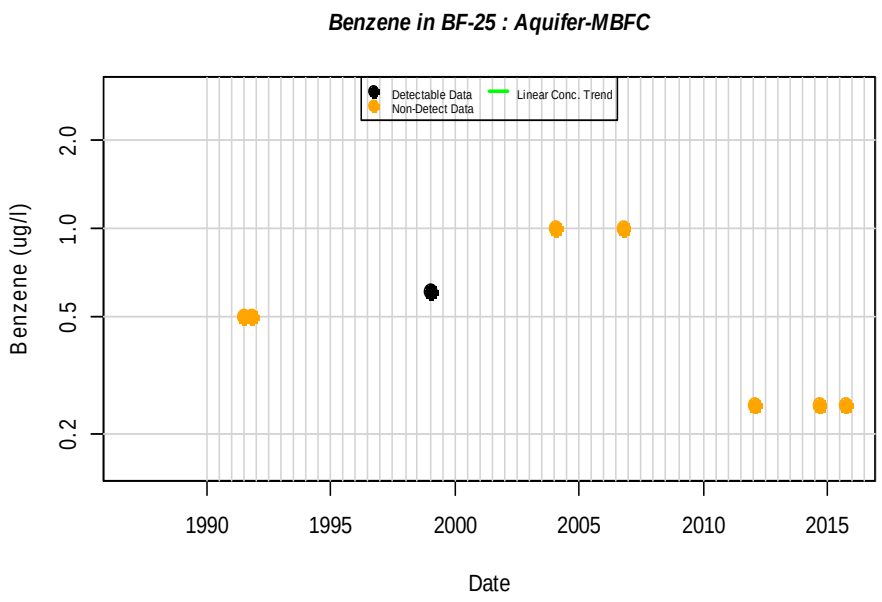

Benzene in BF-13 : Aquifer-MBFC
Mann-Kendall P.Value= <0.01; Half-Life= 662 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1990
1995
2000
2005
2010
2015
Date

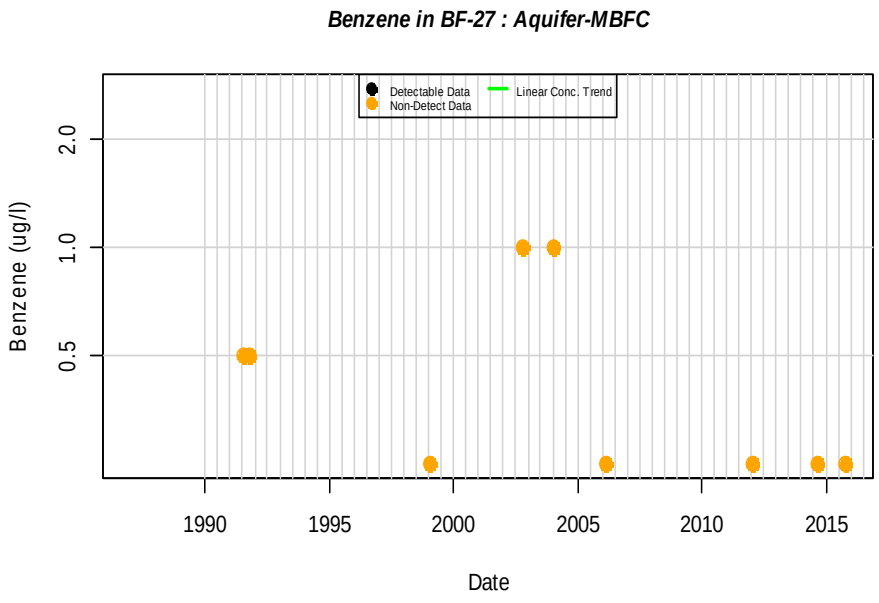

Benzene in BF-14 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0536; Half-Life= 1782 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

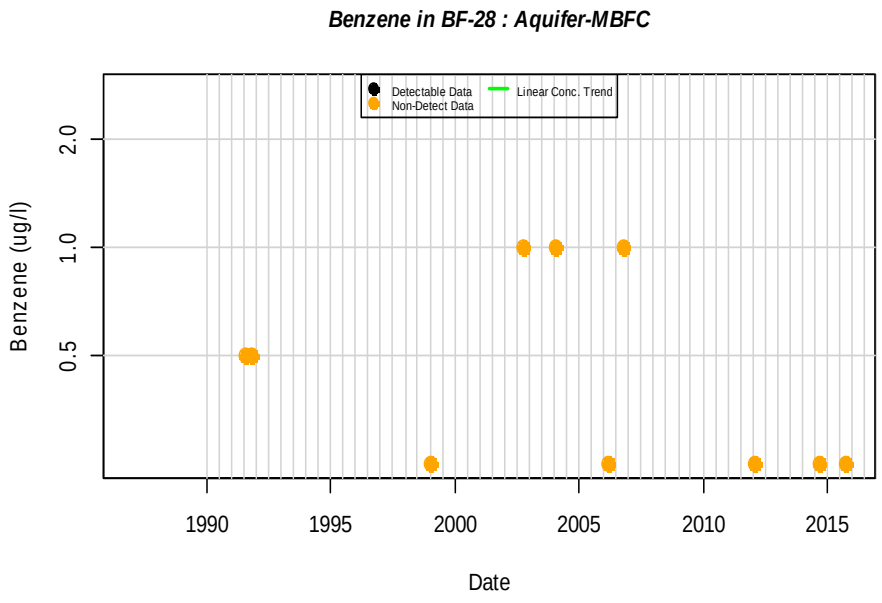

Benzene in BF-19 : Aquifer-MBFC
Mann-Kendall P.Value= 0.377; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

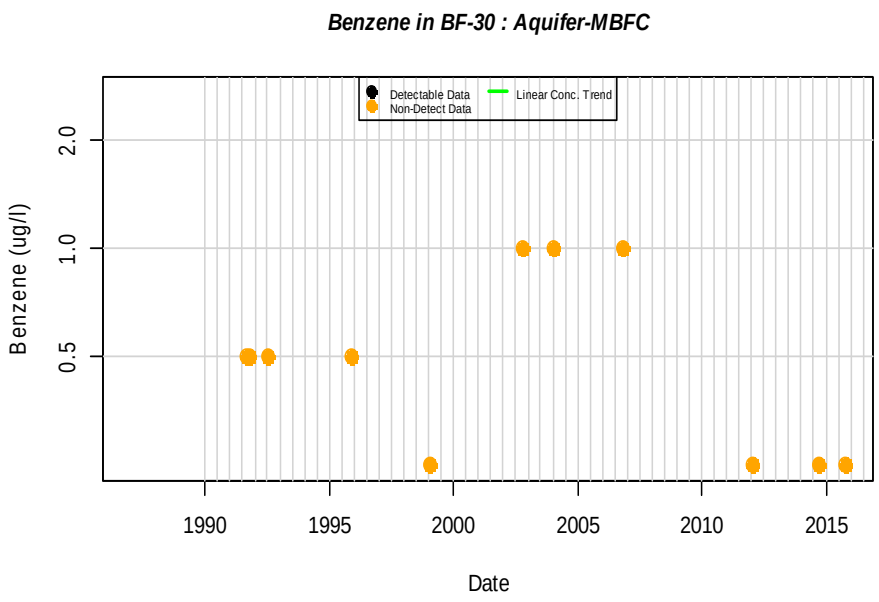

Benzene in BF-22 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

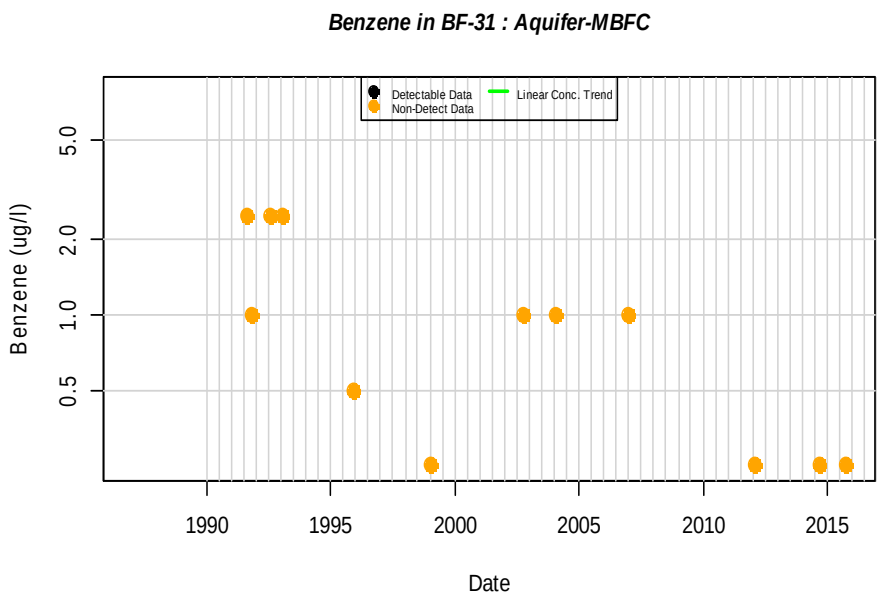

Benzene in BF-23 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

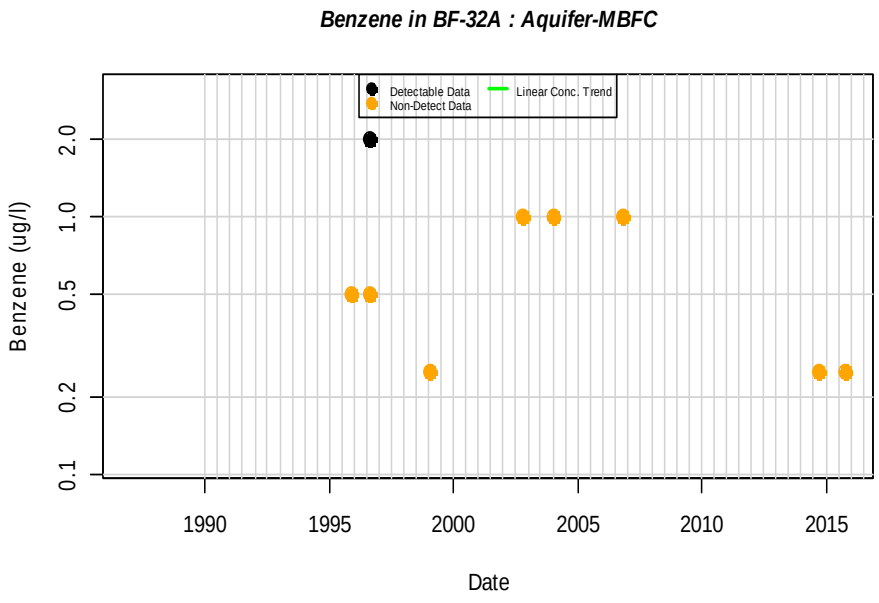

Benzene in BF-25 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

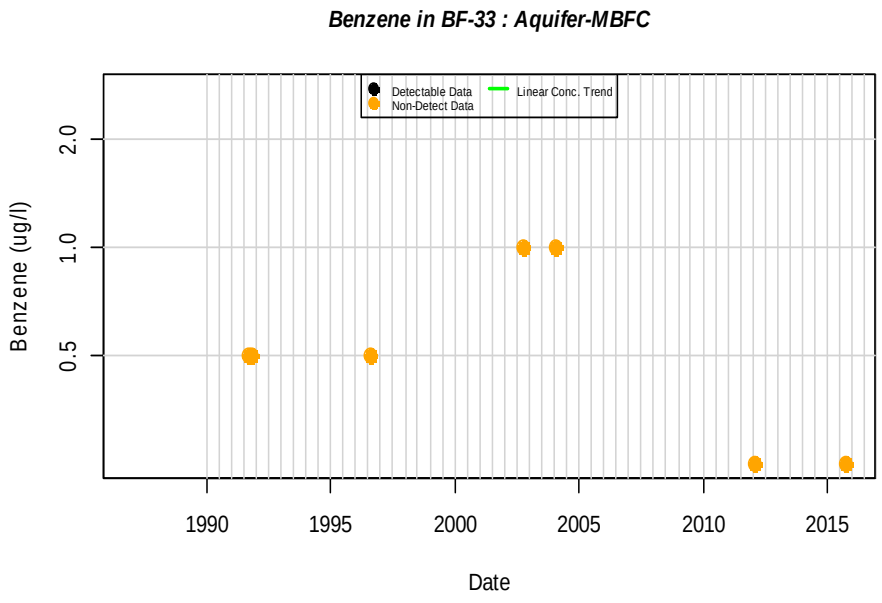

Benzene in BF-27 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

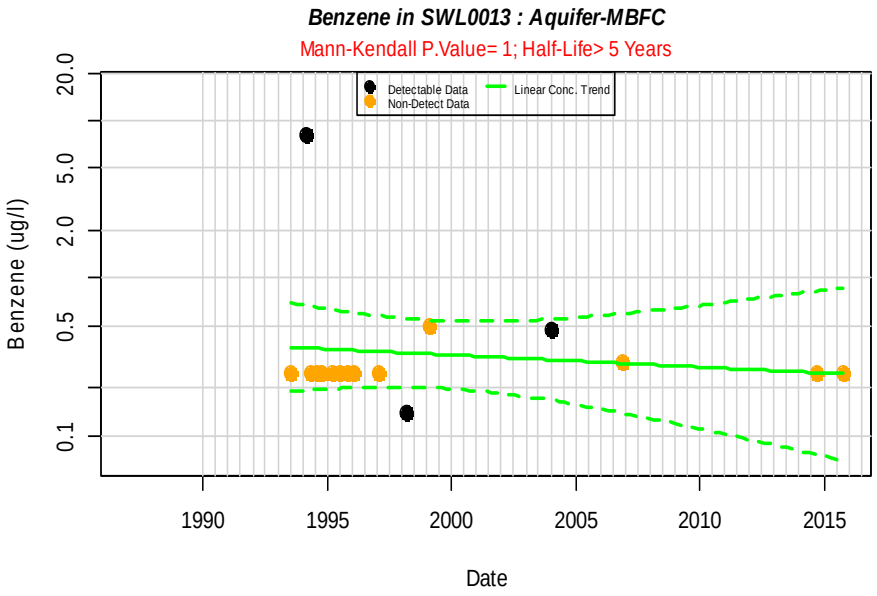

Benzene in BF-28 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

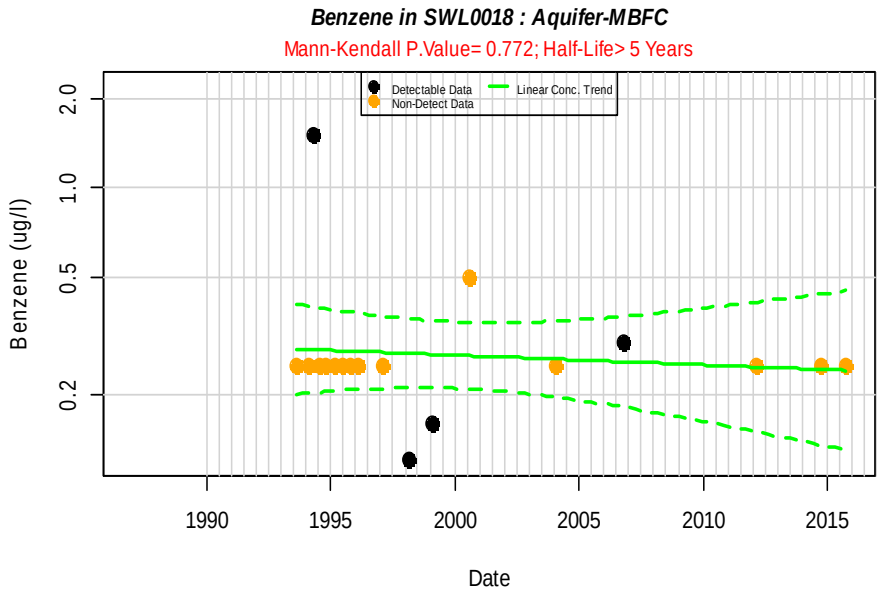

Benzene in BF-30 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

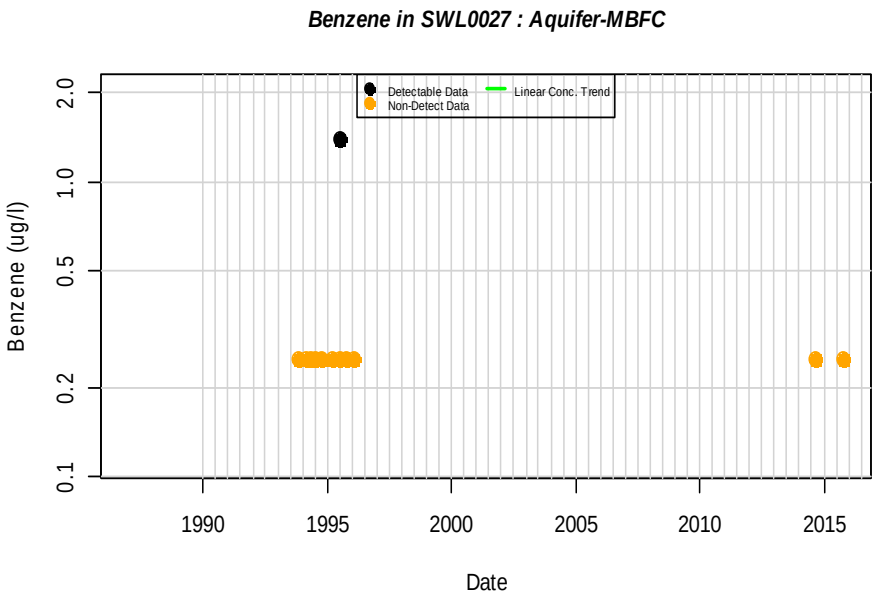

Benzene in BF-31 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

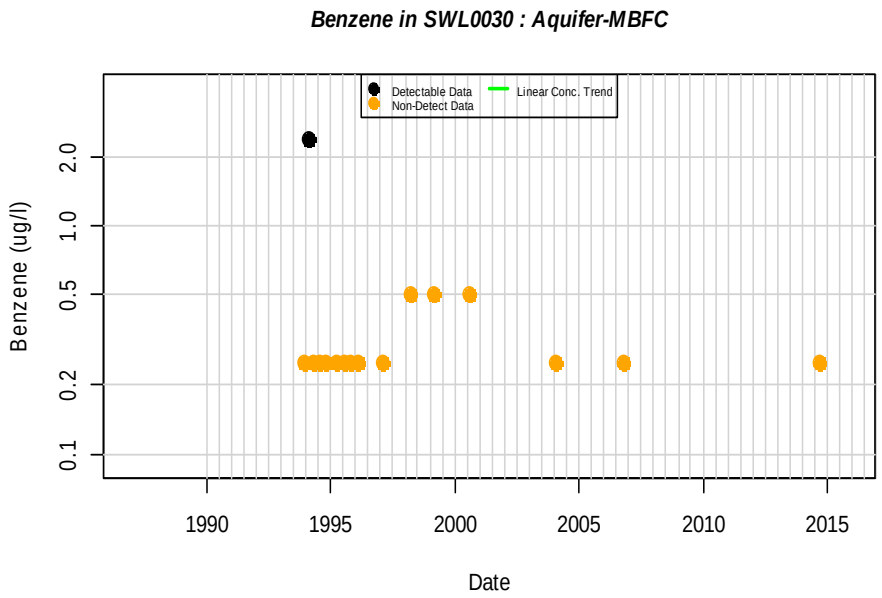

Benzene in BF-32A : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.2
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

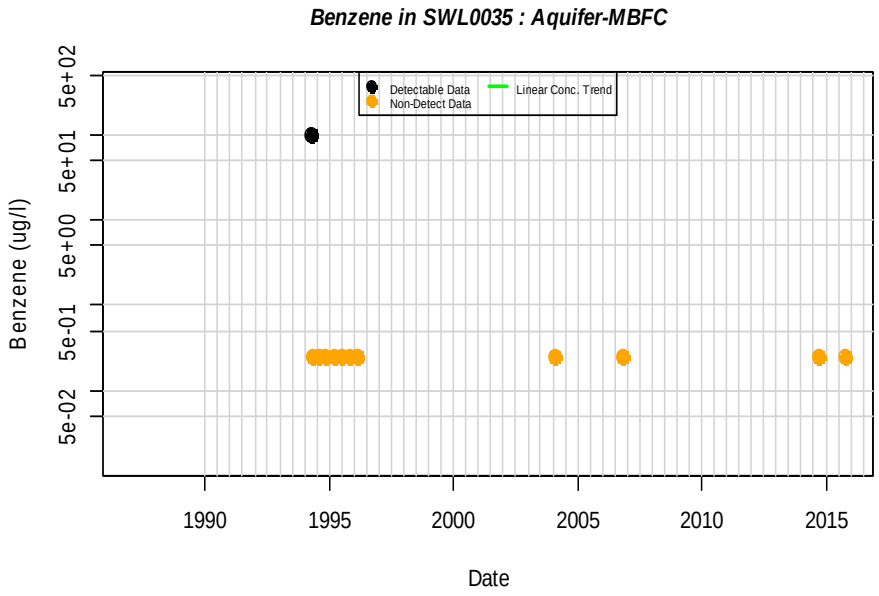

Benzene in BF-33 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

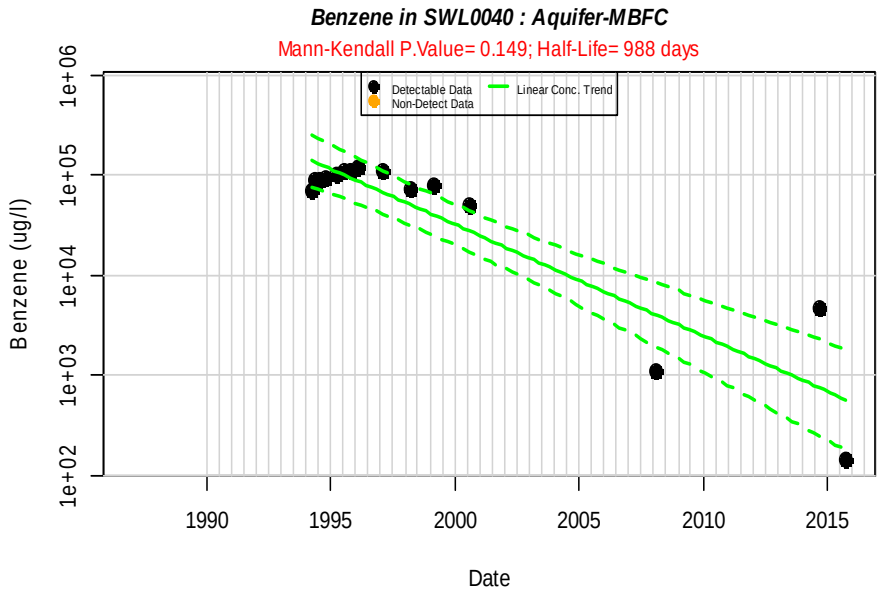

Benzene in SWL0013 : Aquifer-MBFC
Mann-Kendall P.Value= 1; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
20.0
5.0
2.0
0.5
0.1
1990
1995
2000
2005
2010
2015
Date

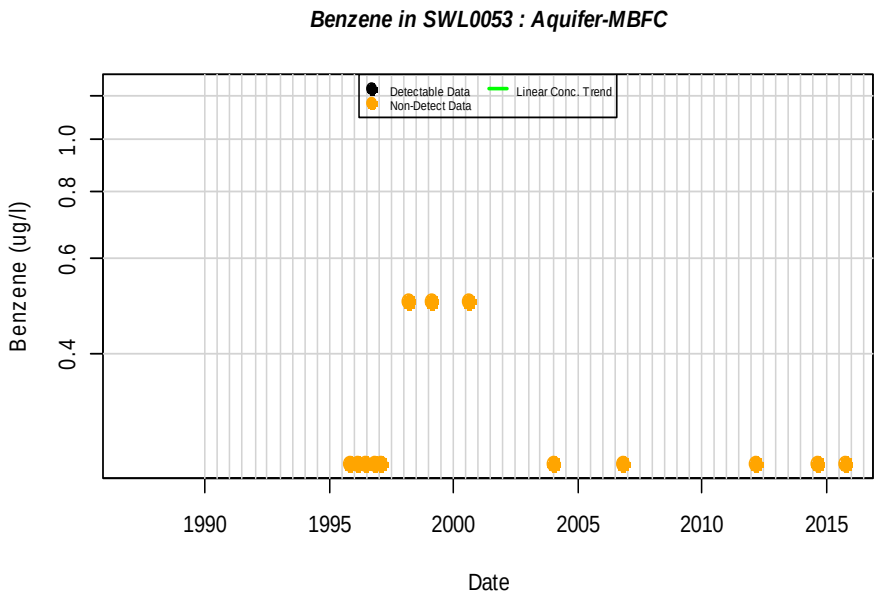

Benzene in SWL0018 : Aquifer-MBFC
Mann-Kendall P.Value= 0.772; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2.0
1.0
0.5
0.2
1990
1995
2000
2005
2010
2015
Date

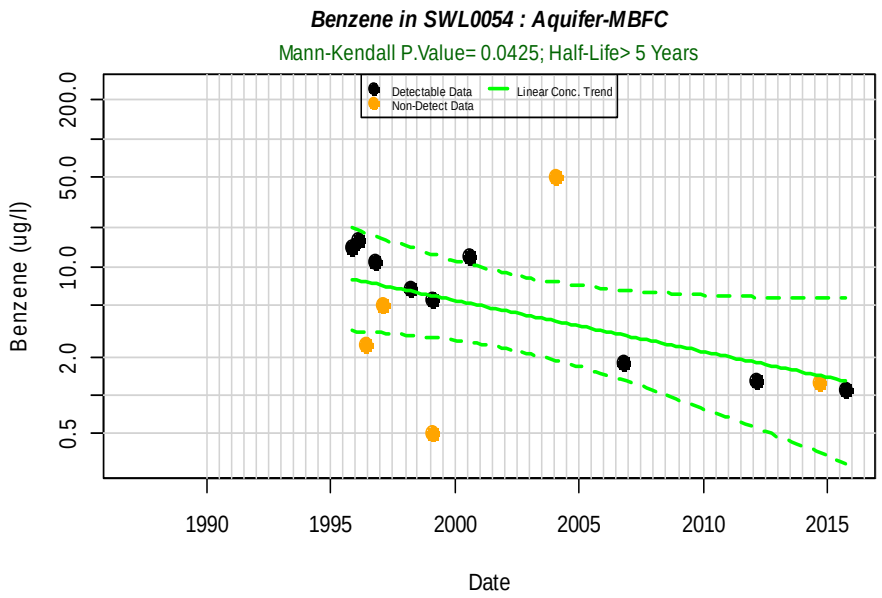

Benzene in SWL0027 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2.0
1.0
0.5
0.2
0.1
1990
1995
2000
2005
2010
2015
Date

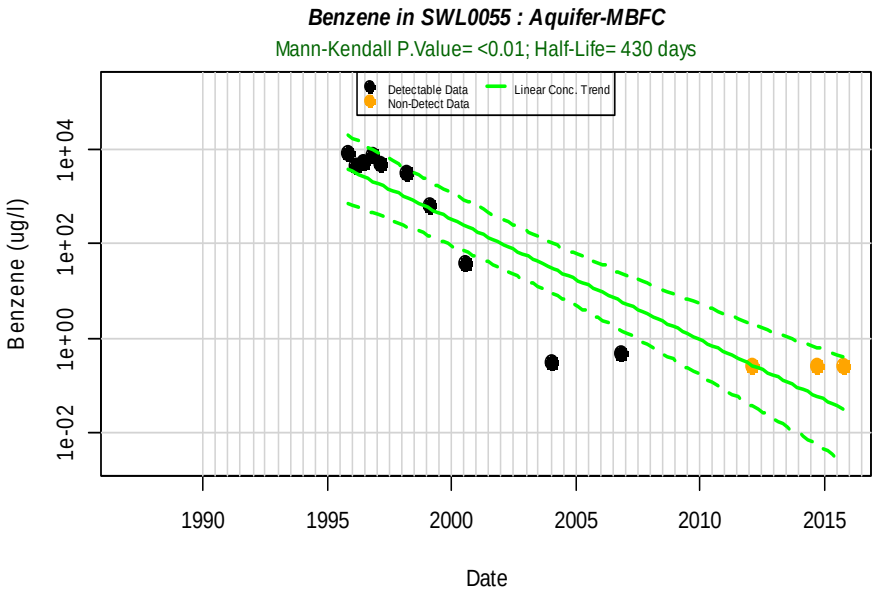

Benzene in SWL0030 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2.0
1.0
0.5
0.2
0.1
1990
1995
2000
2005
2010
2015
Date

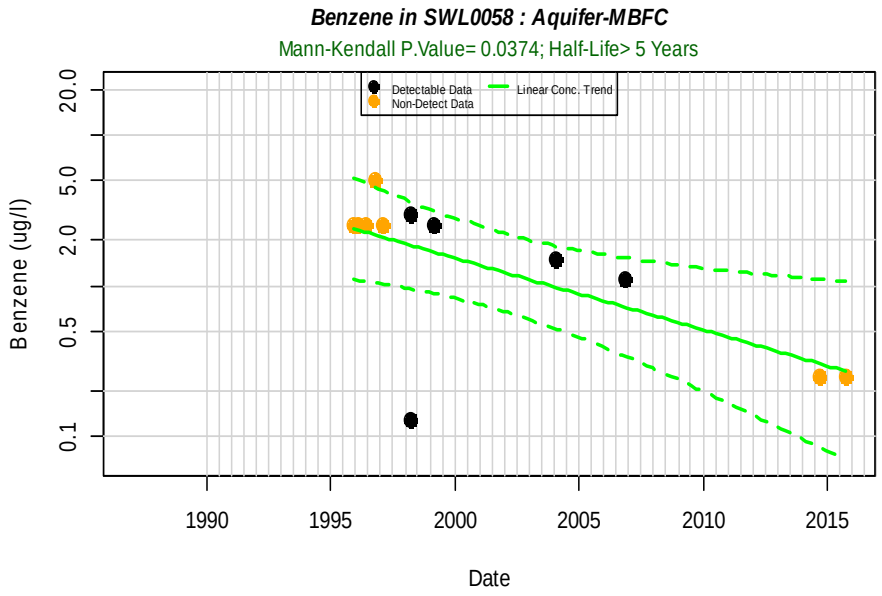

Benzene in SWL0035 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1990
1995
2000
2005
2010
2015
Date

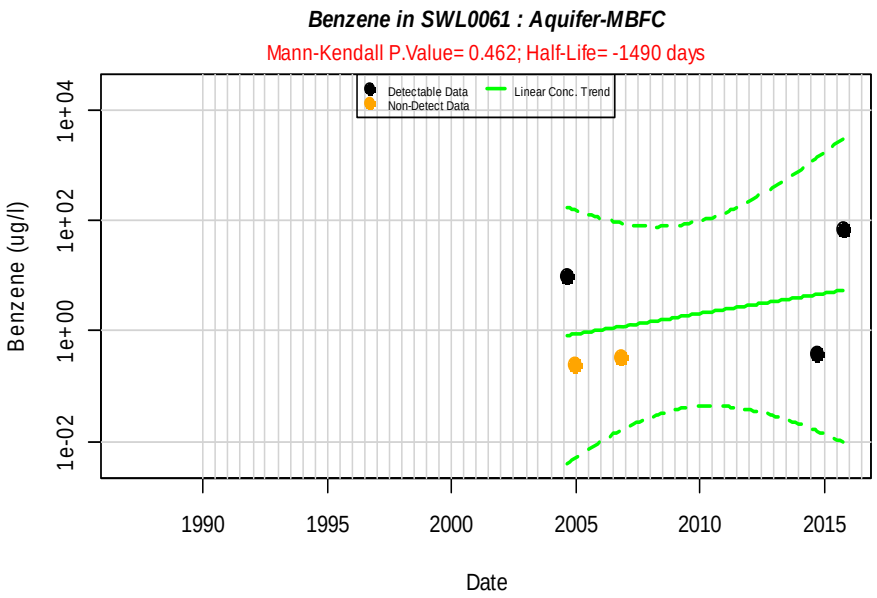

Benzene in SWL0040 : Aquifer-MBFC
Mann-Kendall P.Value= 0.149; Half-Life= 988 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+02
1e+03
1e+04
1e+05
1e+06
1990
1995
2000
2005
2010
2015
Date

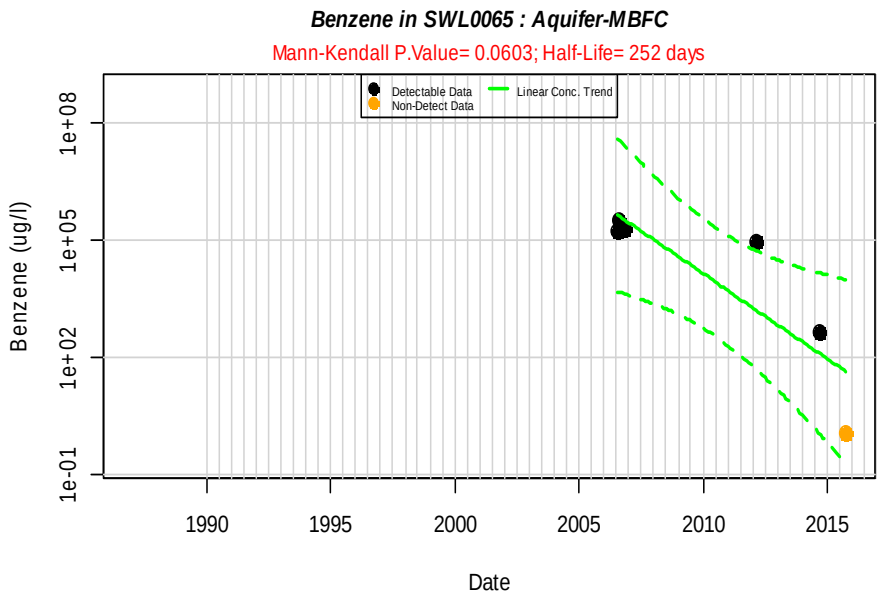

Benzene in SWL0053 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.4
0.6
0.8
1.0
1990
1995
2000
2005
2010
2015
Date

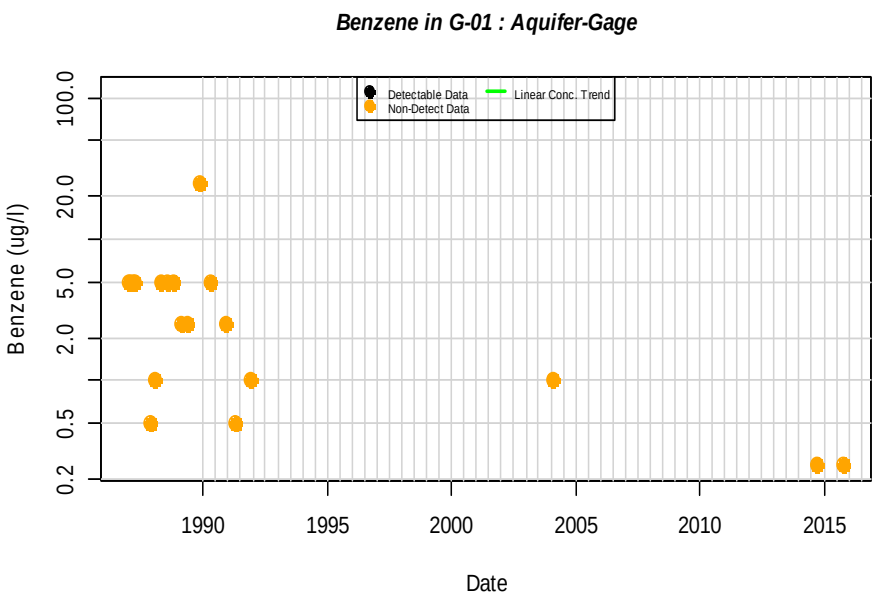

Benzene in SWL0054 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0425; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
2.0
10.0
50.0
200.0
1990
1995
2000
2005
2010
2015
Date

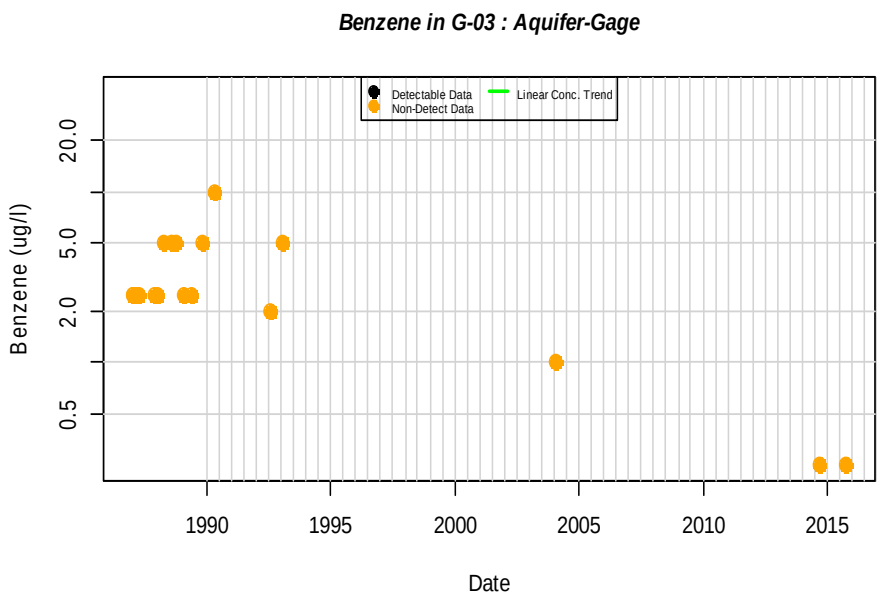

Benzene in SWL0055 : Aquifer-MBFC
Mann-Kendall P.Value= <0.01; Half-Life= 430 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-02
1e+00
1e+02
1e+04
1990
1995
2000
2005
2010
2015
Date

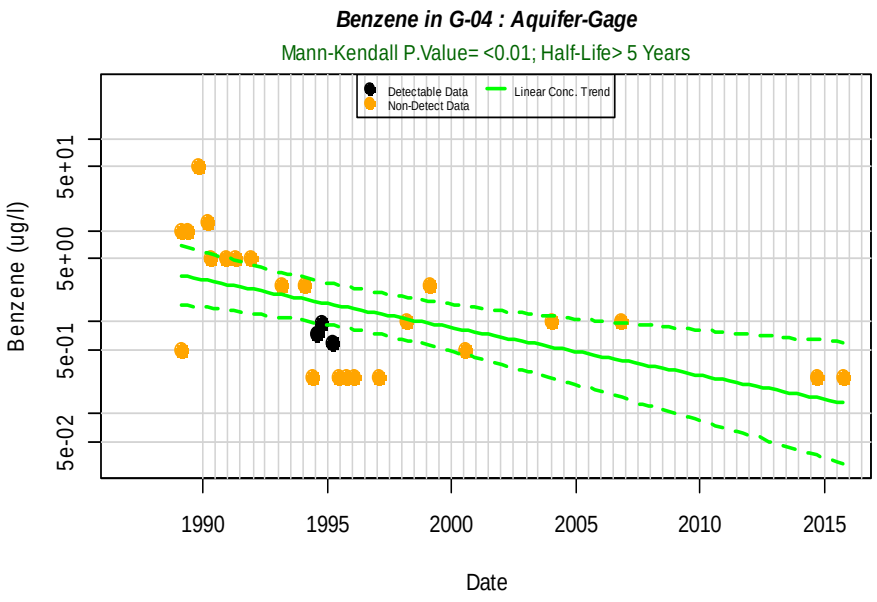

Benzene in SWL0058 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0374; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1990
1995
2000
2005
2010
2015
Date

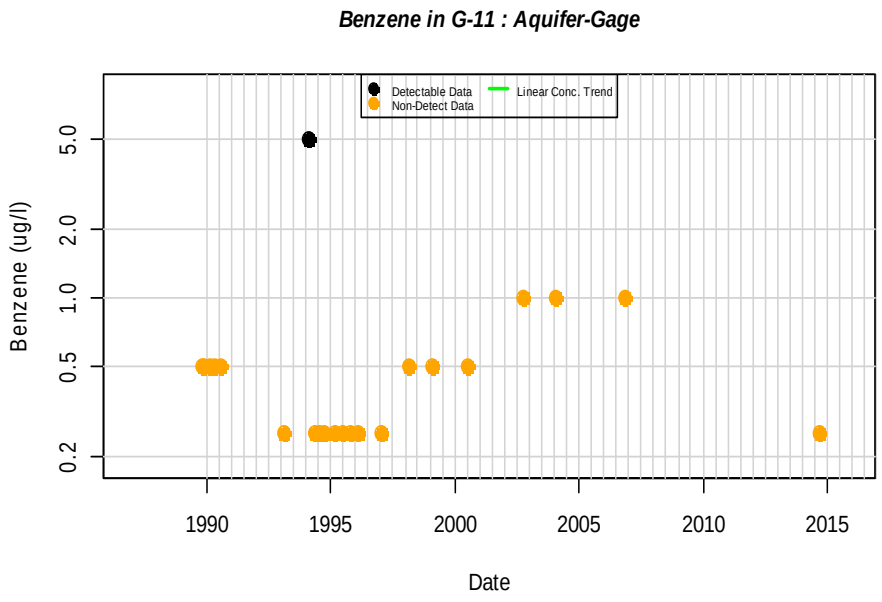

Benzene in SWL0061 : Aquifer-MBFC
Mann-Kendall P.Value= 0.462; Half-Life= -1490 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-02
1e+00
1e+02
1e+04
1990
1995
2000
2005
2010
2015
Date

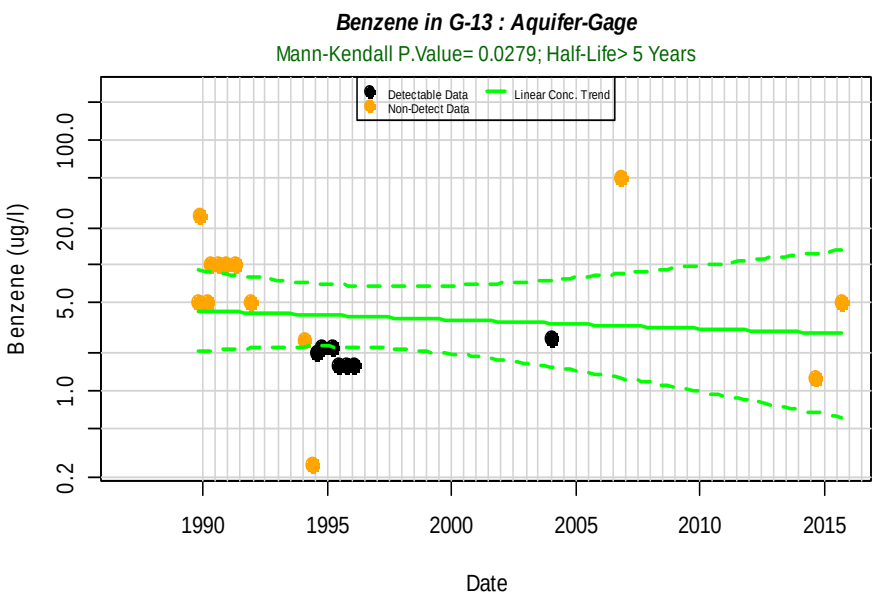

Benzene in SWL0065 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0603; Half-Life= 252 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+02
1e+05
1e+08
1990
1995
2000
2005
2010
2015
Date

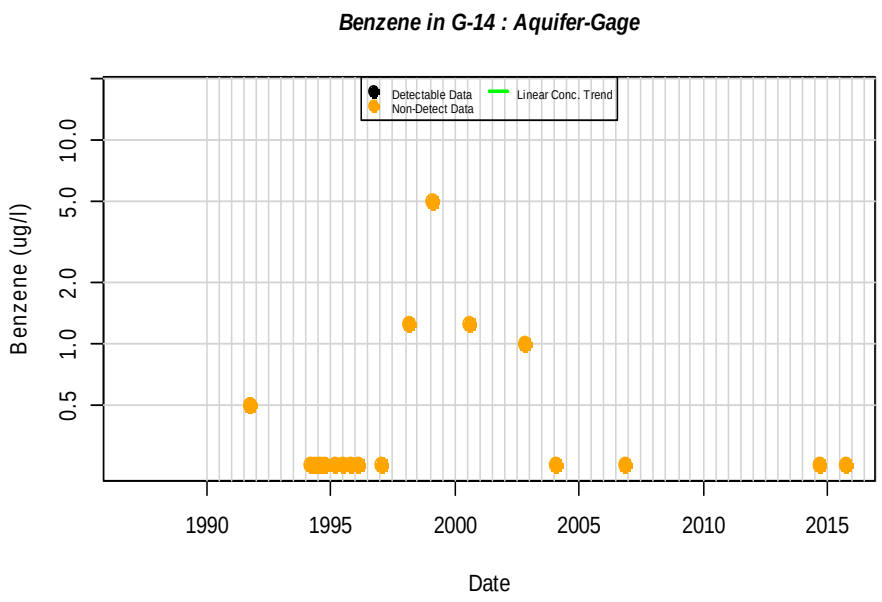

Benzene in G-01 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

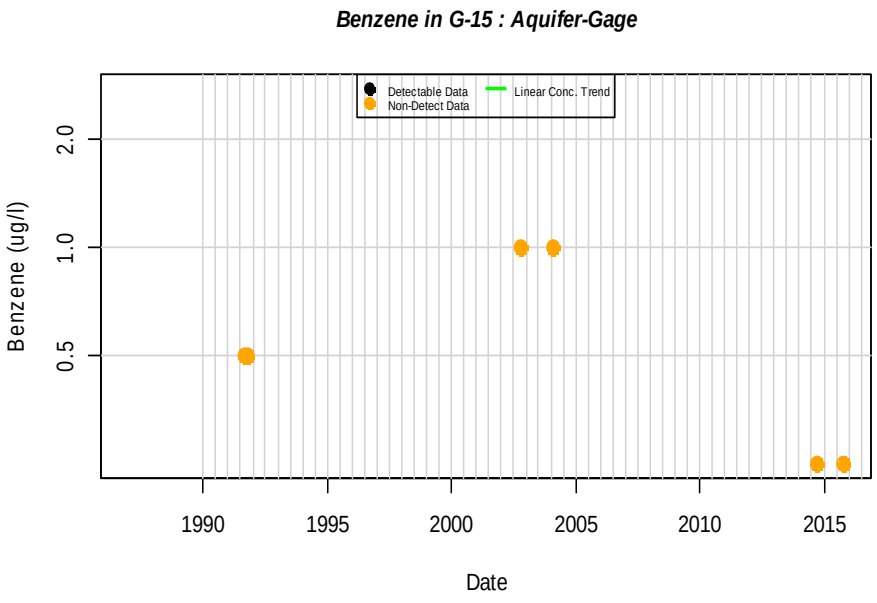

Benzene in G-03 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
2.0
5.0
20.0
1990
1995
2000
2005
2010
2015
Date

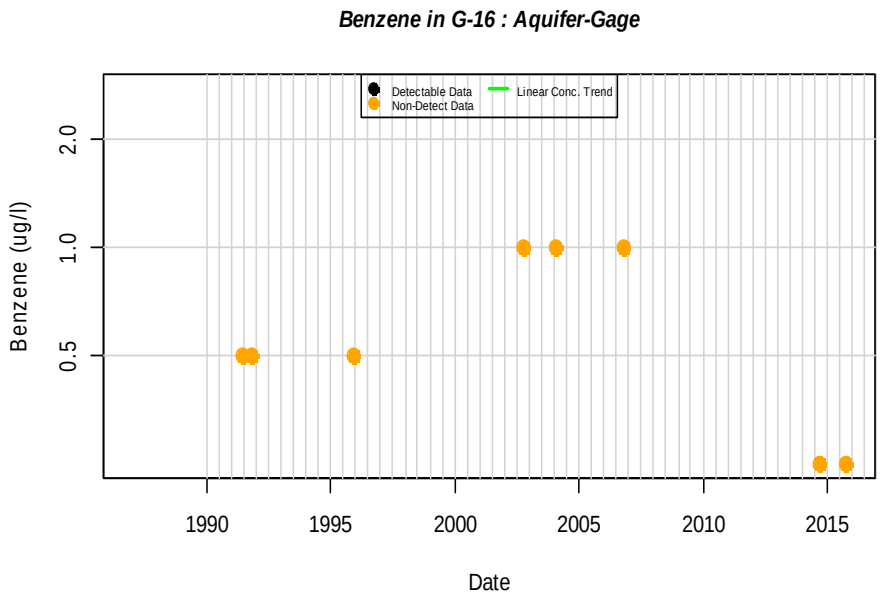

Benzene in G-04 : Aquifer-Gage
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
1990
1995
2000
2005
2010
2015
Date

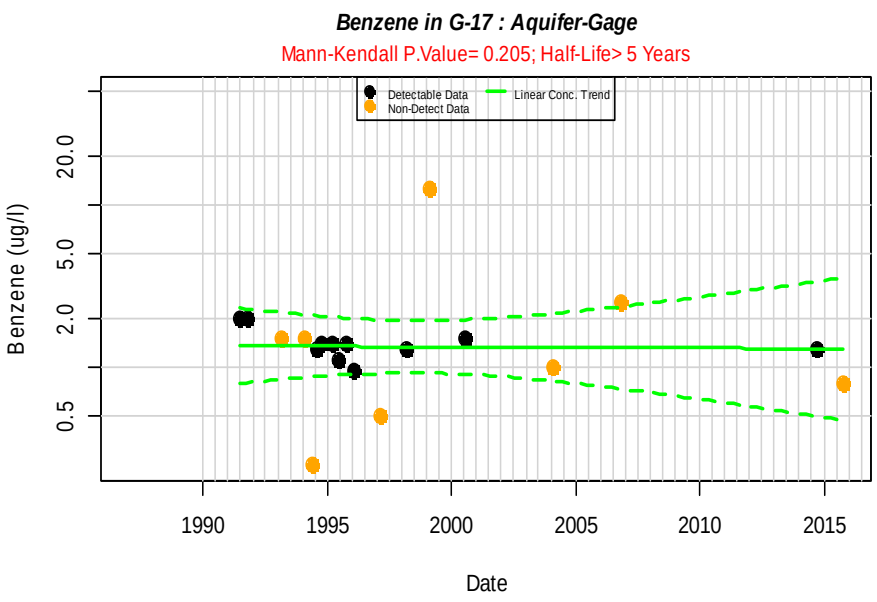

Benzene in G-11 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

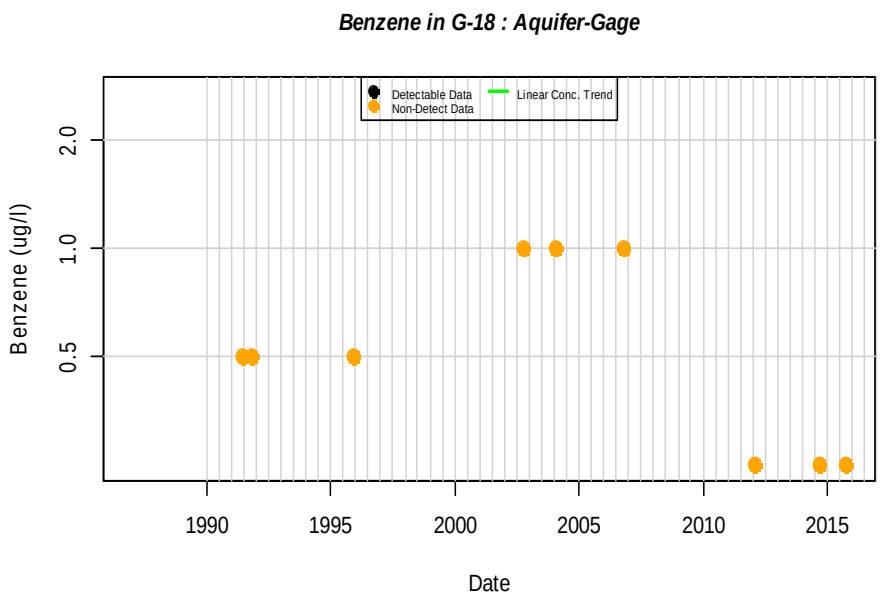

Benzene in G-13 : Aquifer-Gage
Mann-Kendall P.Value= 0.0279; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

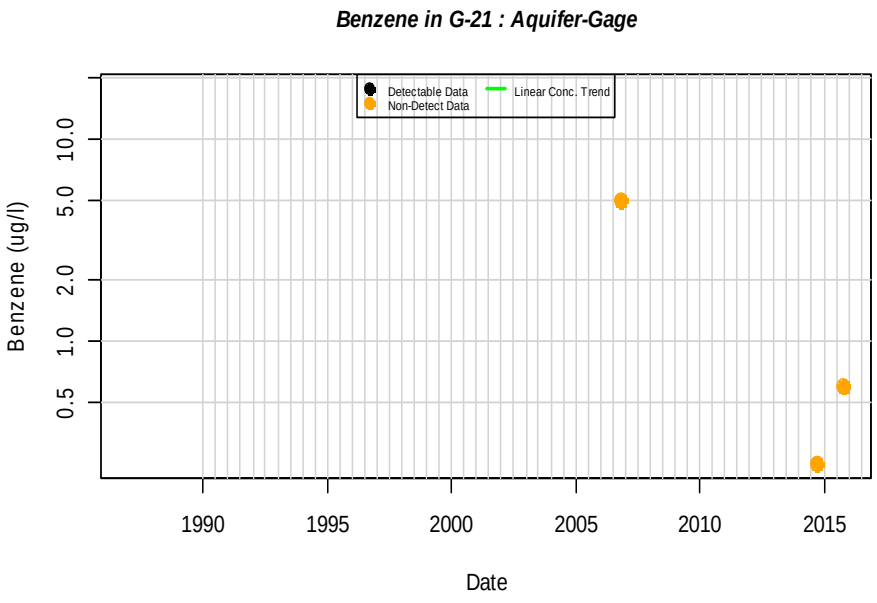

Benzene in G-14 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
10.0
1990
1995
2000
2005
2010
2015
Date

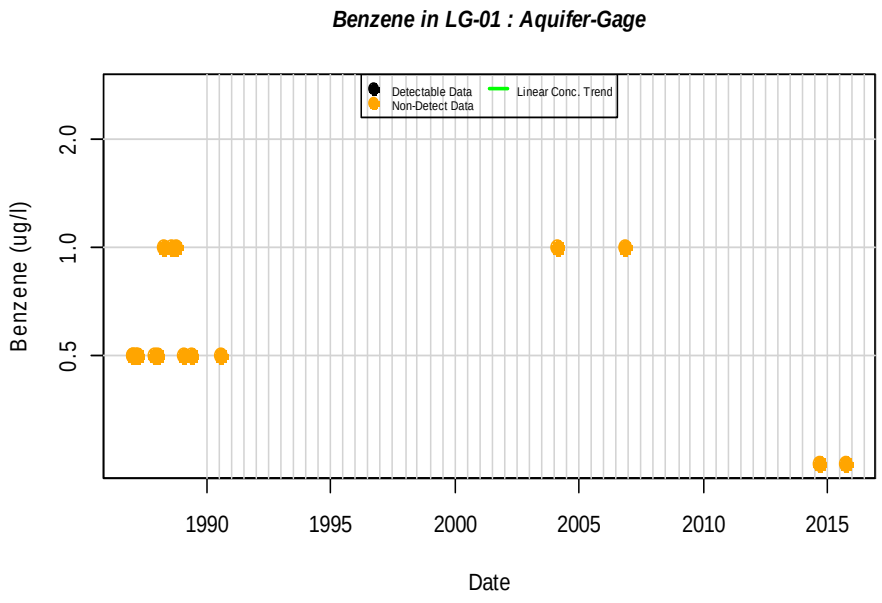

Benzene in G-15 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

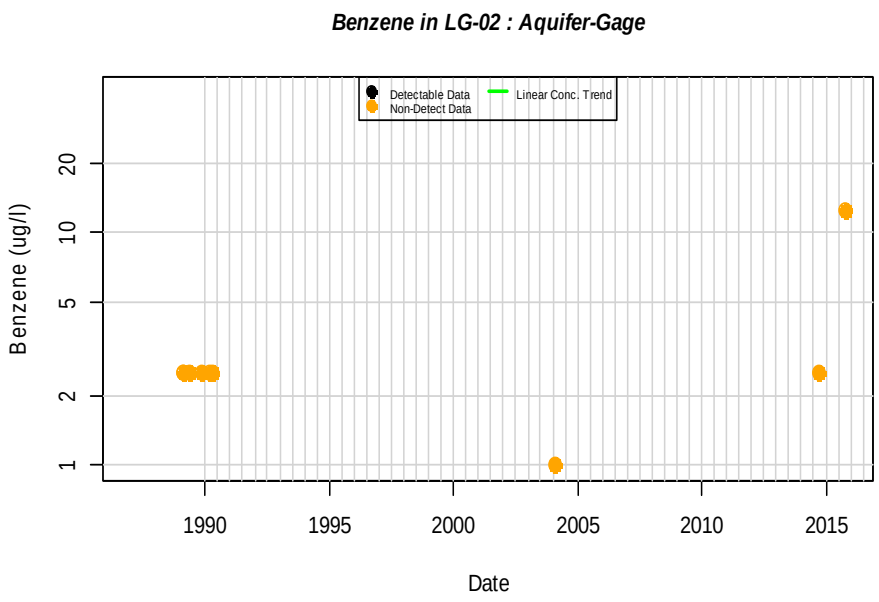

Benzene in G-16 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

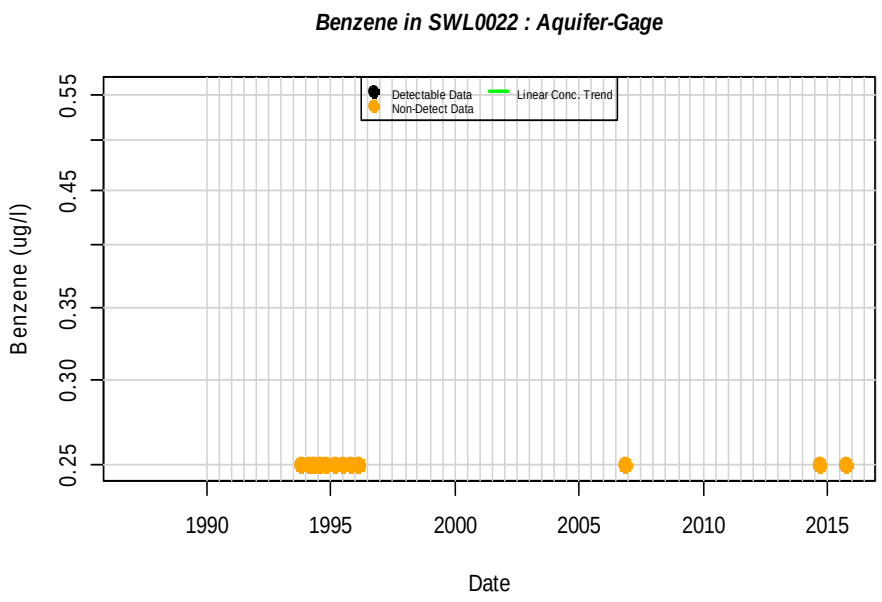

Benzene in G-17 : Aquifer-Gage
Mann-Kendall P.Value= 0.205; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
2.0
5.0
20.0
1990
1995
2000
2005
2010
2015
Date

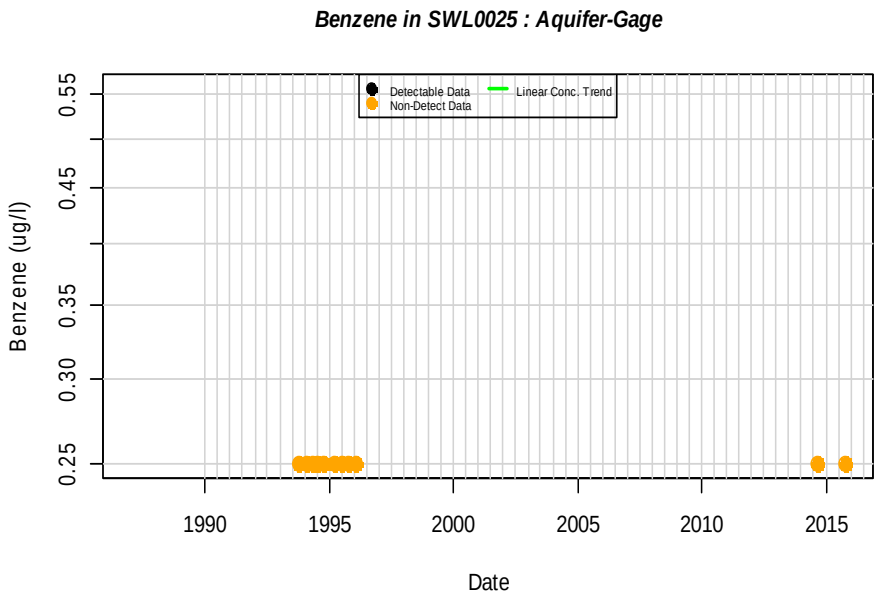

Benzene in G-18 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

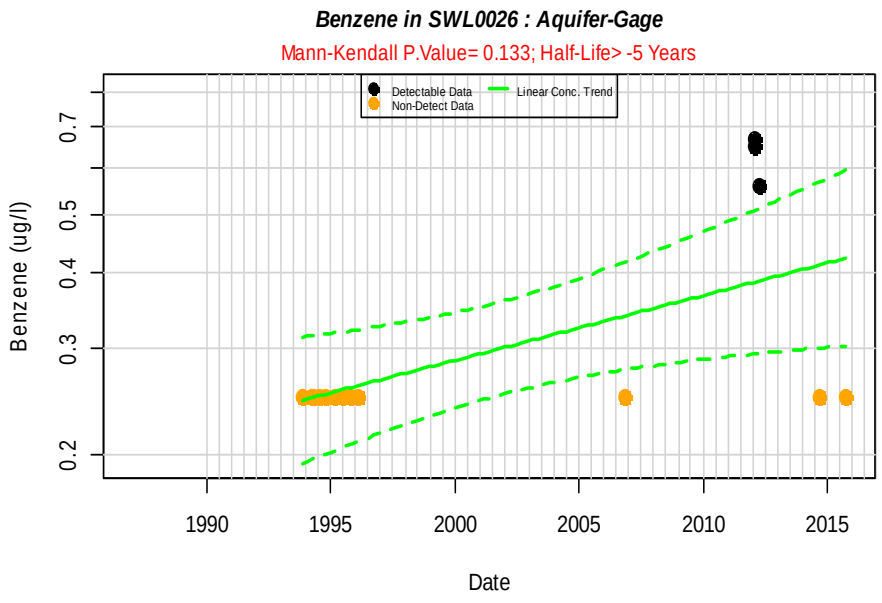

Benzene in G-21 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
10.0
1990
1995
2000
2005
2010
2015
Date

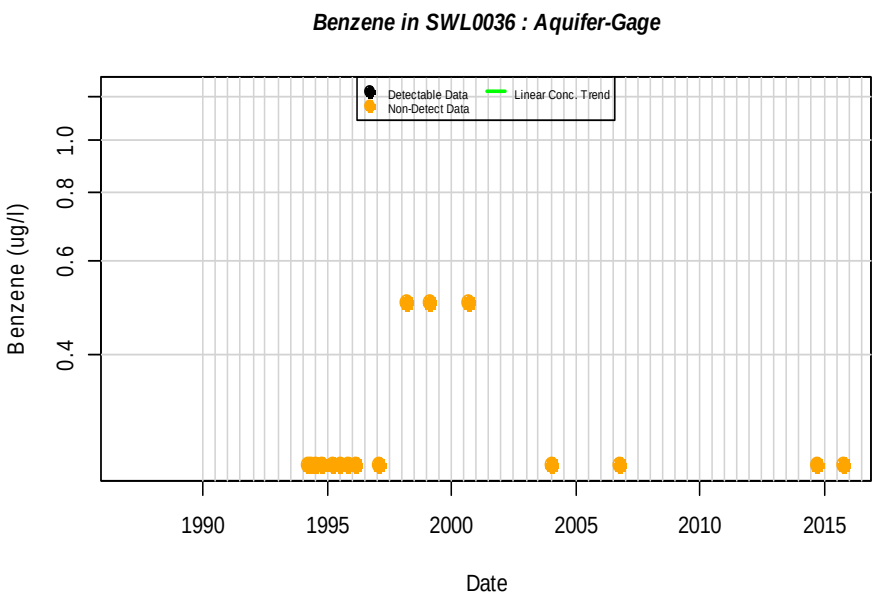

Benzene in LG-01 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

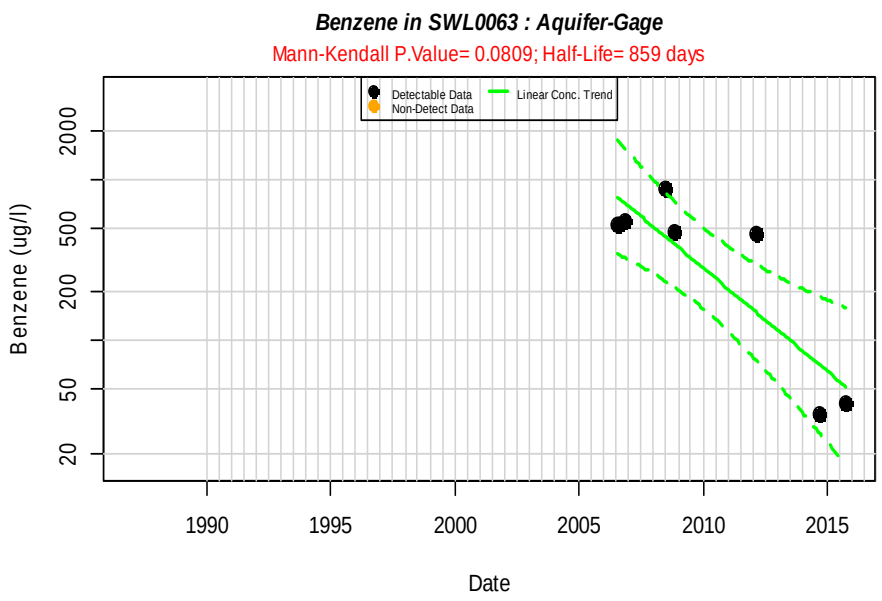

Benzene in LG-02 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1
2
5
10
20
1990
1995
2000
2005
2010
2015
Date

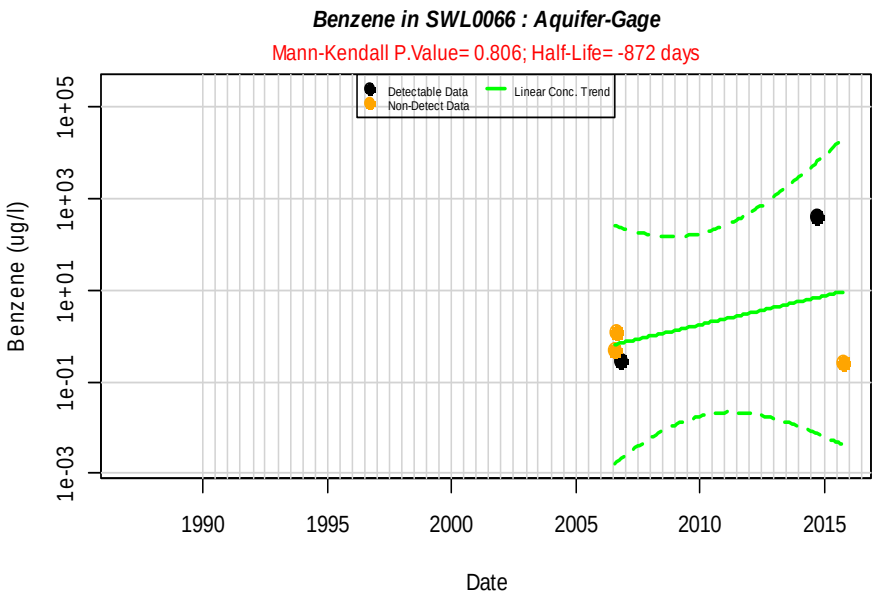

Benzene in SWL0022 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.25
0.30
0.35
0.45
0.55
1990
1995
2000
2005
2010
2015
Date


Benzene in SWL0025 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.25
0.30
0.35
0.45
0.55
1990
1995
2000
2005
2010
2015
Date


Benzene in SWL0026 : Aquifer-Gage
Mann-Kendall P.Value= 0.133; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.3
0.4
0.5
0.7
1990
1995
2000
2005
2010
2015
Date


Benzene in SWL0036 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.4
0.6
0.8
1.0
1990
1995
2000
2005
2010
2015
Date


Benzene in SWL0063 : Aquifer-Gage
Mann-Kendall P.Value= 0.0809; Half-Life= 859 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
20
50
200
500
2000
1990
1995
2000
2005
2010
2015
Date


Benzene in SWL0066 : Aquifer-Gage
Mann-Kendall P.Value= 0.806; Half-Life= -872 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-03
1e-01
1e+01
1e+03
1e+05
1990
1995
2000
2005
2010
2015
Date

APPENDIX G

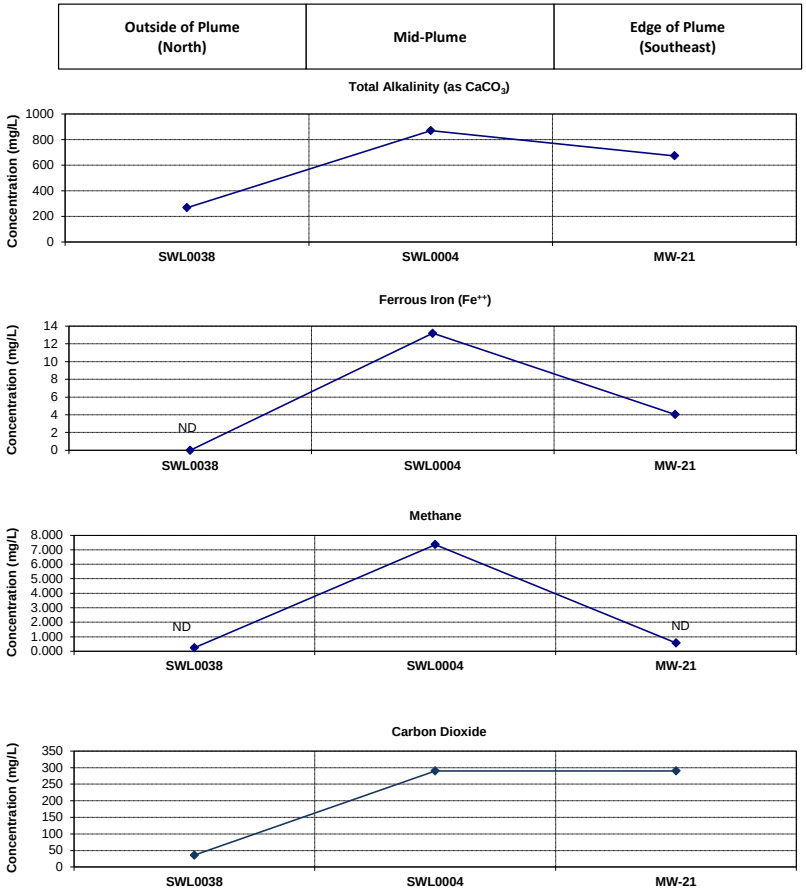
BIODEGRADATION ANALYSIS

Table G-1
Data Table for Biodegradation Indicator Figures

		Alkalinity, Total (as CaCO3) (mg/l)	Ferrous Iron Fe(II) (mg/l)	Methane (ug/l)	Carbon Dioxide (mg/l)	Nitrate (as N) (mg/l)	Sulfate (mg/l)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (mV)
Water Table Transect 1	**Well ID**								
Outside of Plume (North)	SWL0038	269	ND<0.1	0.242	36	0.19	110	1.89	-11.6
Mid-Plume	SWL0004	871	13.2	7.36	290	ND<0.1	10	0.19	-137.0
Edge of Plume (Southeast)	MW-21	674	4.04	0.569	290	ND<0.1	130	0.38	-126.0
Water Table Transect 2									
Mid-Plume	MW-28	1070	44	37.7	630	ND<0.1	2.2	0.13	-126.1
Edge of Plume	SWL0008	624	7.51	553	230	ND<0.1	26	0.30	-114.1
Outside of Plume	SWL0006	419	ND<0.1	23.6	86	ND<0.1	250	1.78	-3.8
Water Table Transect 3									
Outside of Plume (North)	PZL0012	580	5.4	17.4	280	ND<0.1	180	2.15	-34.9
Mid-Plume	PZL0013	756	1.8	1840	280	ND<0.1	160	1.11	-176.9
Outside of Plume	SWL0021	885	4.2	85.4	770	ND<0.1	220	0.41	-78.2
Outside of Plume (X)	SWL0024	664	0.26	57.3	270	ND<0.1	250	1.65	-63.5
Water Table Transect 4									
Outside of Plume (Northwest)	SWL0046	534	ND<0.1	0.042	120	13	290	2.2	79.0
Mid-Plume	SWL0068	750	4.2	41.2	300	ND<0.1	13	1.29	-150.7
Edge of Plume (South)	PZL0026	669	1.72	2.96	250	ND<0.1	340	0.19	-44.1
Outside of Plume (South)	SWL0024	664	0.26	57.3	270	ND<0.1	250	1.65	-63.5
Edge of Plume (South; X)	PZL0012	580	5.4	17.4	280	ND<0.1	180	2.15	-34.9
MBFB Transect 1									
Outside of Plume (North)	SWL0047	163	1.35	221	75	ND<0.1	0.77	0.74	-164.2
Mid-Plume	SWL0048	748	0.56	93.8	170	ND<0.1	ND<1	0.56	-166.2
Outside of Plume	XP-02	525	0.065	2.74	140	ND<0.1	46	1.36	25.8
Mid-Plume	SWL0050	538	0.28	6.39	100	ND<0.1	200	0.28	-183.9
Outside of Plume (Southeast)	G-01WC	301	0.64	9.49	78	ND<0.1	220	0.78	-119.4
Outside of Plume (North; X)	SWL0037	231	ND<0.1	1.72	18	ND<0.1	81	0.19	-7.4

Note:
The Dissolved Oxygen and Oxidation Reduction Potential values are the last (stabilised) measurement from the groundwater sampling data sheets.

Figure G-1
Biodegradation Indicators
Water Table Transect 1



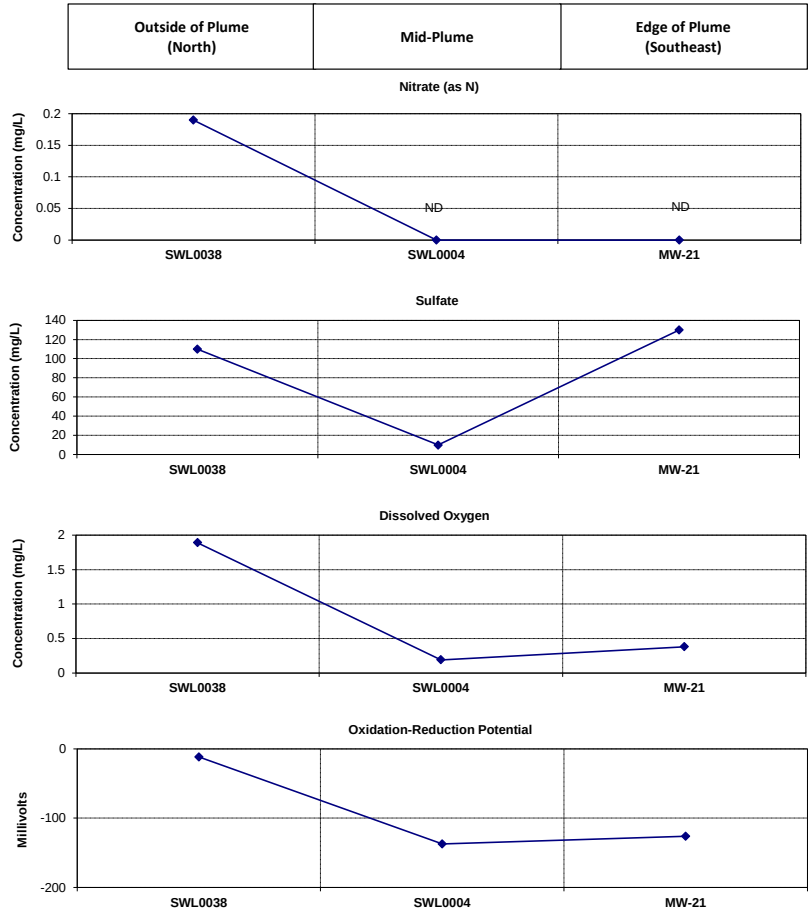
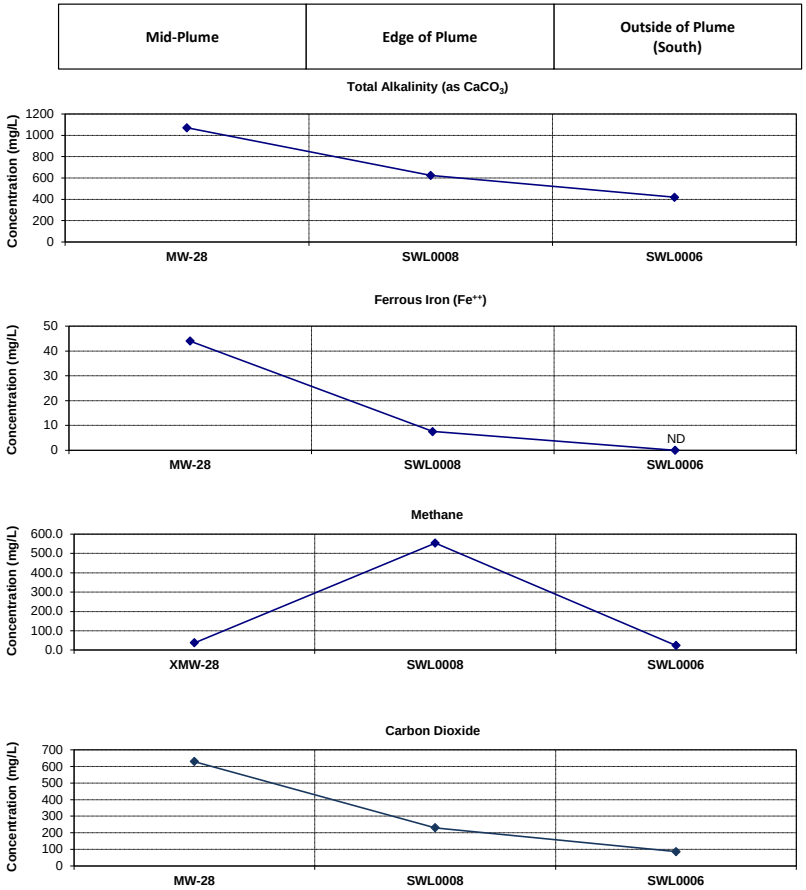


Figure G-2
Biodegradation Indicators
Water Table Transect 2



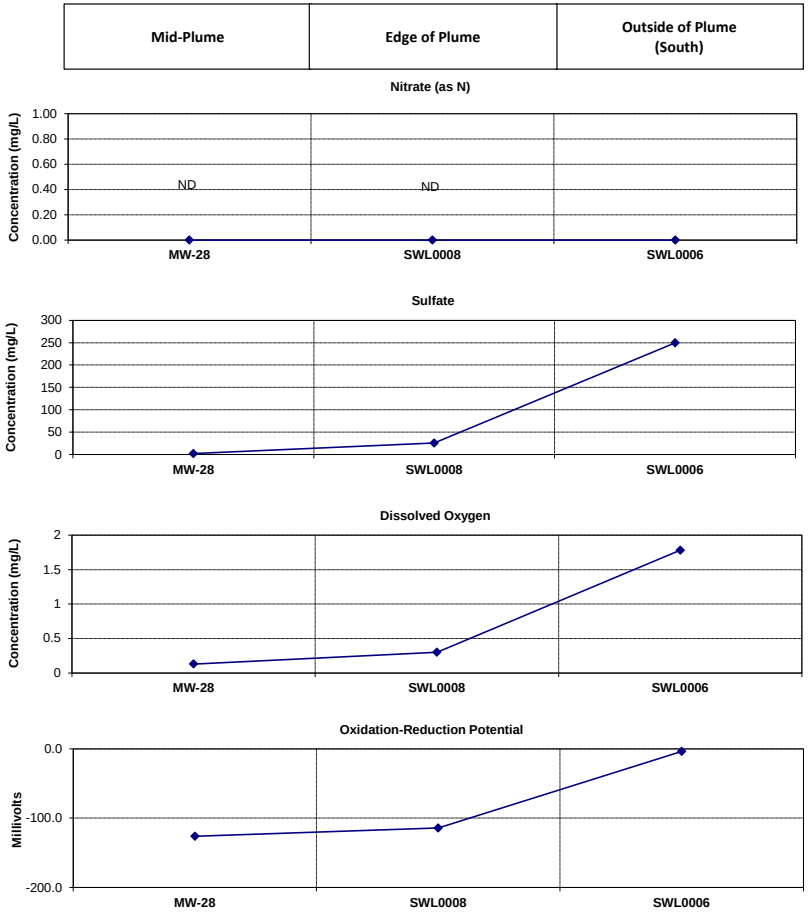


Figure G-3
Biodegradation Indicators
Water Table Transect 3

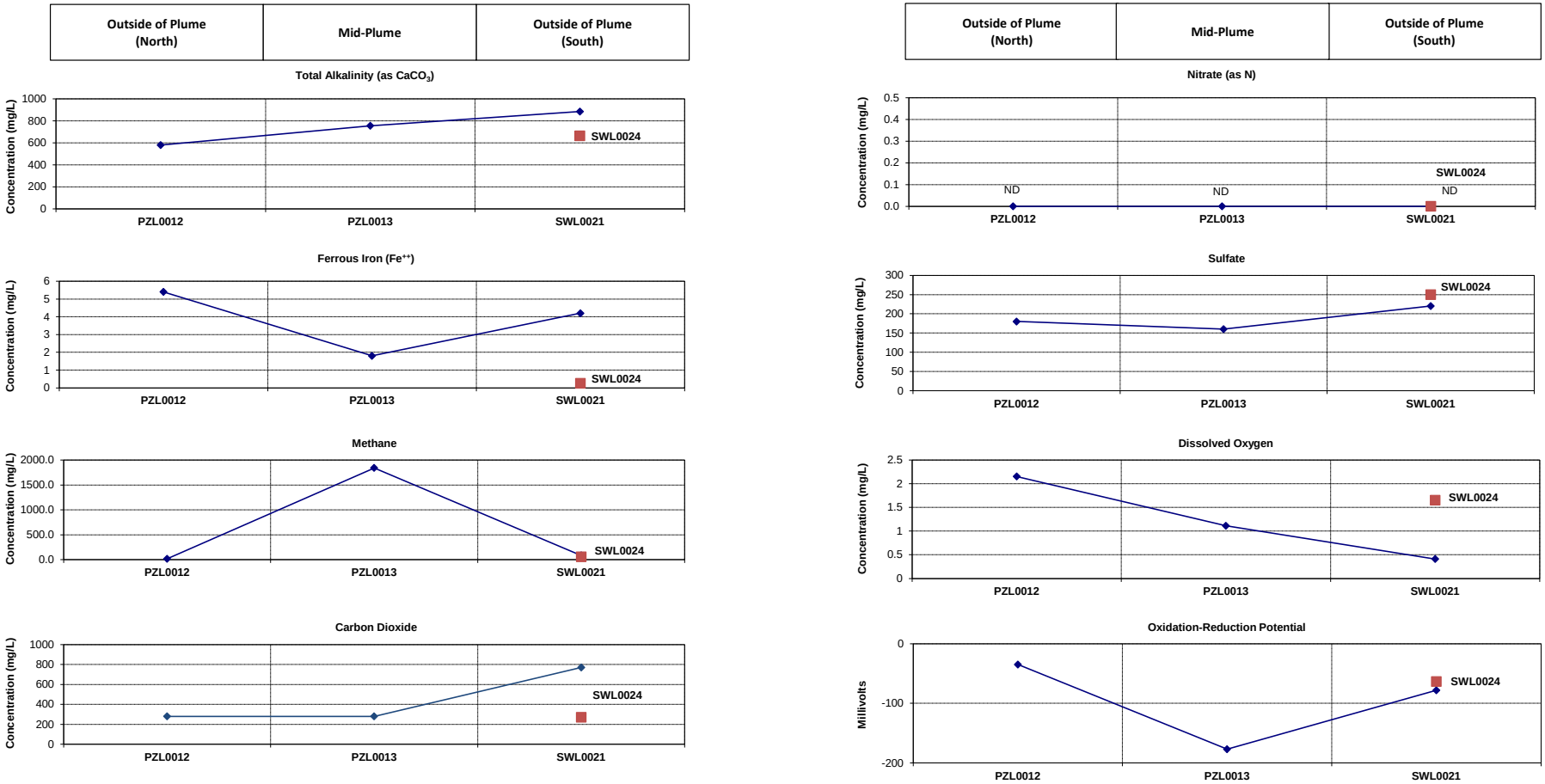
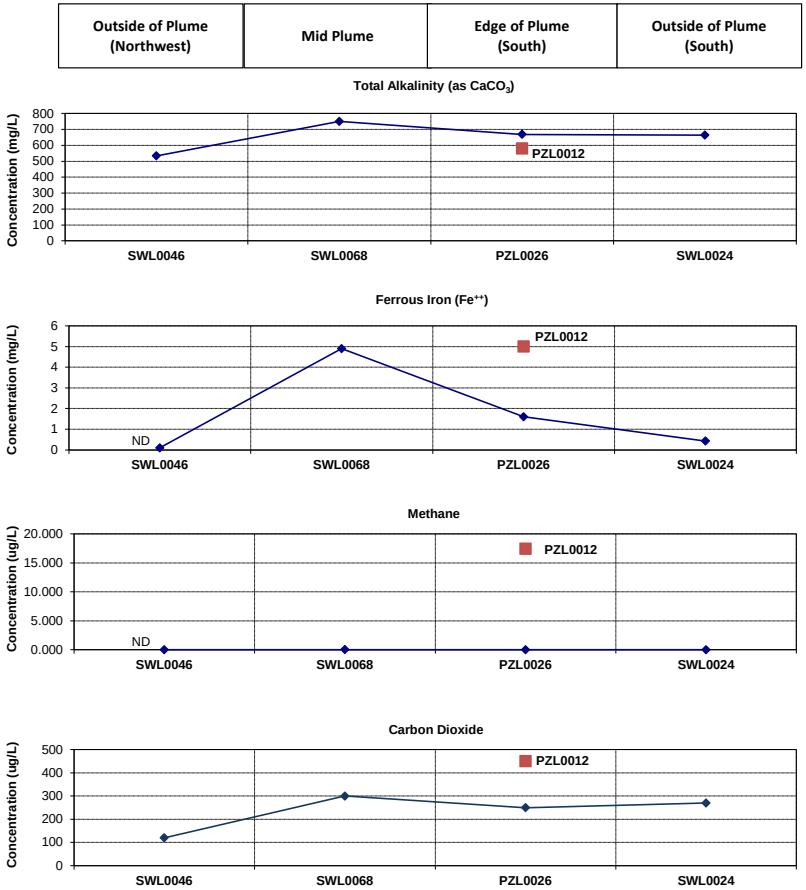
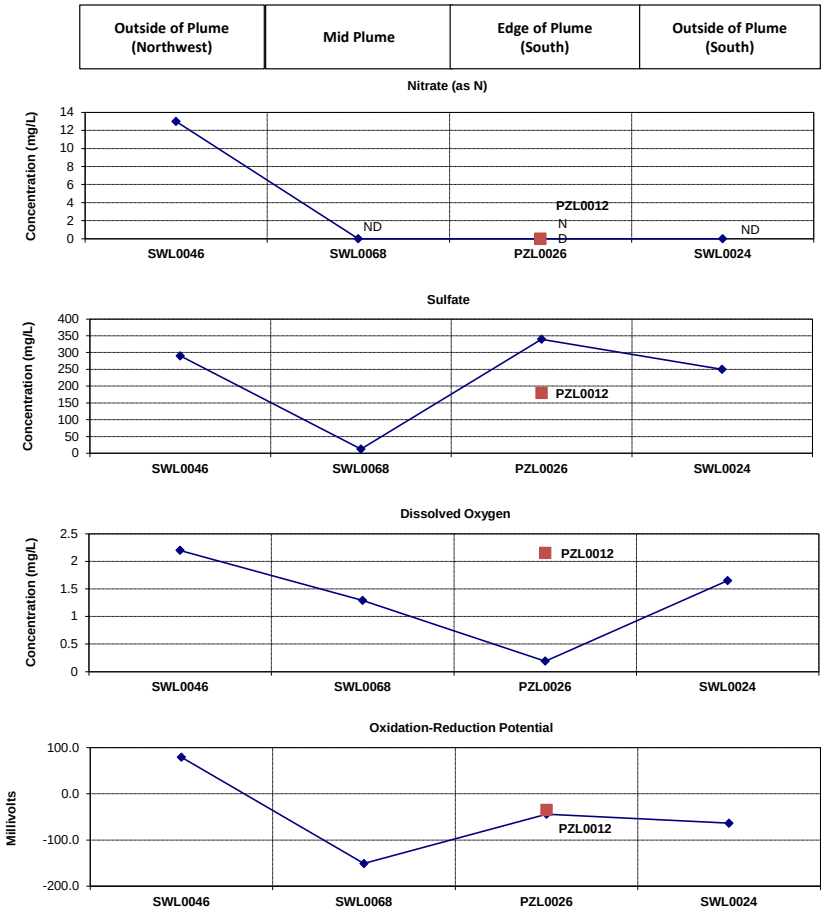


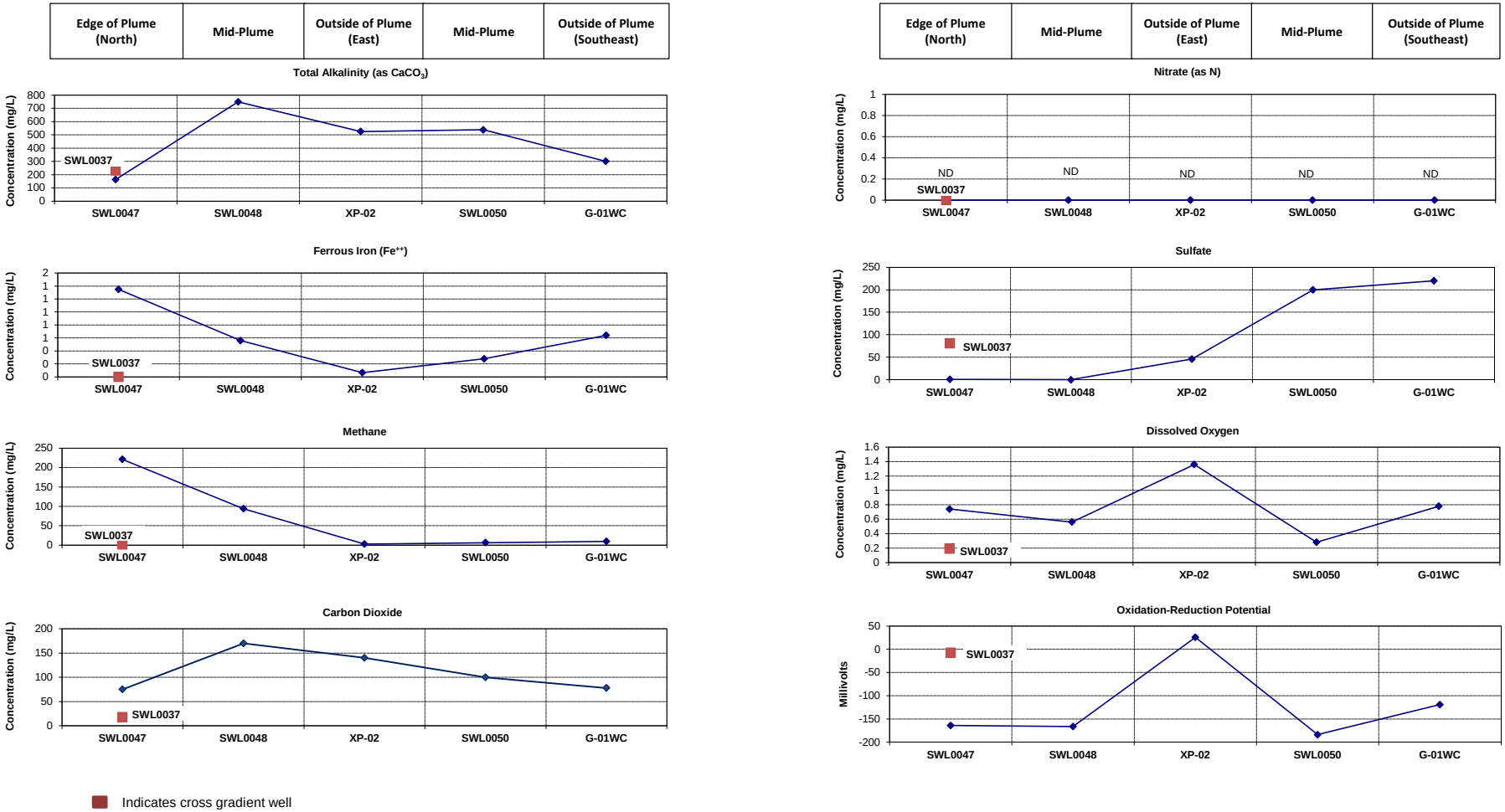
Figure G-4
Biodegradation Indicators
Water Table Transect 4





Indicates cross gradient well

Figure G-5
Biodegradation Indicators
MBFB Transect 1



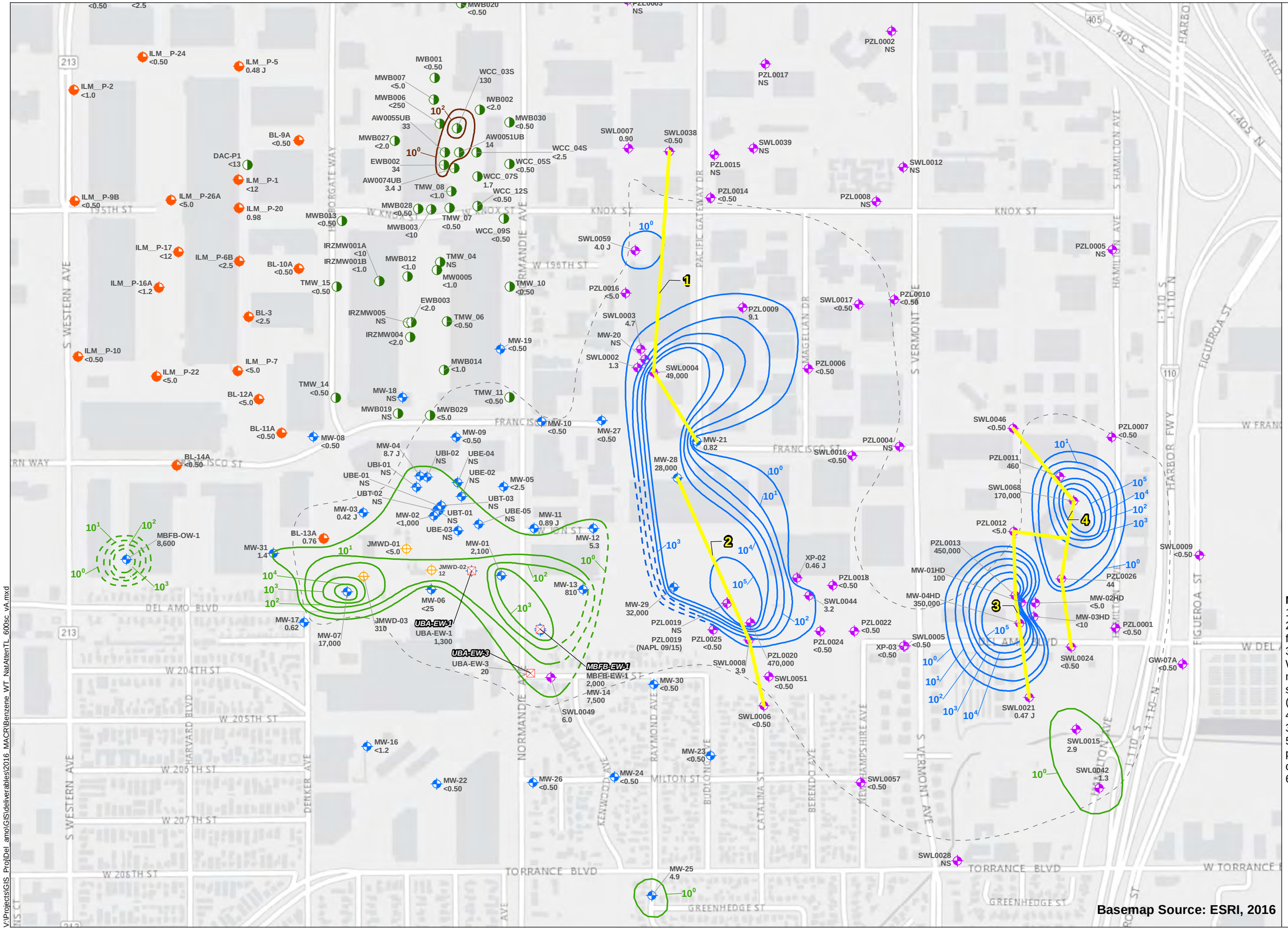


Figure G-6
Dissolved Benzene Distribution With Natural Attenuation Transects Water Table
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Natural Attenuation Transect
Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
Montrose Well Result
Del Amo Well
Boeing Well Result
ILM Well Result
Jones Well Result
TGRS Extraction Well
TGRS Injection Well
Water Table TI Waiver Zone
Facility as Labeled
Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) UBA-EW-3 sampled on 3/12/2015
5) (NAPL 09/15): Non-aqueous phase liquid present, and date of observation.
6) NS = Well Not Sampled
N
0 300 600 Feet
1 inch = 600 feet
Basemap Source: ESRI, 2016
1
2
3
4
KNOX ST
W 198TH ST
W 204TH ST
W 205TH ST
W 206TH ST
W 207TH ST
DEL AMO BLVD
TORRANCE BLVD
GREENHEDGE ST
MILTON ST
FRANCISCO ST
S WESTERN AVE
NORMANDIE AVE
PACIFIC GATEWAY DR
MAGELLAN DR
S VERMONT AVE
S HAMILTON AVE
HAMILTON AVE
HARBOR FWY
I-110 S
I-110 N
I-405 S
I-405 N
FIGUEROA ST
W DEL A
W FRANC
W TORRANCE
MBFB-OW-1
8,600
MBFB-EW-1
2,000
UBA-EW-1
1,300
UBA-EW-3
20
MW-28
28,000
MW-29
32,000
MW-31
1.4
MW-17
0.62
MW-07
17,000
MW-06
<25
JMWD-03
310
JMWD-01
<5.0
JMWD-02
12
MW-01
2,100
MW-13
810
MW-12
5.3
MW-11
0.89 J
MW-14
7,500
SWL0049
6.0
MW-25
4.9
MW-16
<1.2
MW-22
<0.50
MW-26
<0.50
MW-24
<0.50
MW-23
<0.50
MW-30
<0.50
SWL0006
<0.50
SWL0051
<0.50
SWL0008
3.9
PZL0020
470,000
PZL0024
<0.50
PZL0022
<0.50
PZL0025
<0.50
PZL0019
(NAPL 09/15)
PZL0019
NS
PZL0018
<0.50
XP-02
0.46 J
SWL0044
3.2
XP-03
<0.50
SWL0005
<0.50
SWL0057
<0.50
SWL0028
NS
SWL0021
0.47 J
SWL0024
<0.50
SWL0015
2.9
SWL0042
1.3
PZL0013
450,000
MW-01HD
100
MW-04HD
350,000
MW-02HD
<5.0
MW-03HD
<10
PZL0001
<0.50
PZL0026
44
SWL0009
<0.50
GW-07A
<0.50
PZL0012
<5.0
SWL0068
170,000
PZL0011
460
SWL0046
<0.50
PZL0007
<0.50
PZL0004
NS
SWL0016
<0.50
PZL0006
<0.50
SWL0017
<0.50
PZL0010
<0.50
PZL0009
9.1
SWL0004
49,000
SWL0002
1.3
SWL0003
4.7
MW-20
NS
PZL0016
<5.0
SWL0059
4.0 J
SWL0007
0.90
SWL0038
<0.50
PZL0015
NS
PZL0014
<0.50
PZL0008
NS
SWL0039
NS
SWL0012
NS
PZL0005
NS
PZL0017
NS
PZL0002
NS
MW-21
0.82
MW-27
<0.50
MW-10
<0.50
MW-19
<0.50
MW-18
NS
MW-08
<0.50
MW-09
<0.50
MW-05
<2.5
MW-04
8.7 J
MW-03
0.42 J
MW-02
<1,000
UBI-01
NS
UBI-02
NS
UBE-01
NS
UBE-02
NS
UBE-03
NS
UBE-04
NS
UBE-05
NS
UBT-01
NS
UBT-02
NS
UBT-03
NS
BL-13A
0.76
BL-14A
<0.50
BL-11A
<0.50
BL-12A
<5.0
ILM__P-10
<0.50
ILM__P-22
<5.0
ILM__P-7
<5.0
ILM__P-16A
<1.2
ILM__P-17
<12
ILM__P-6B
<2.5
BL-10A
<0.50
BL-3
<2.5
ILM__P-9B
<0.50
ILM__P-26A
<5.0
ILM__P-20
0.98
ILM__P-1
<12
DAC-P1
<13
BL-9A
<0.50
ILM__P-2
<1.0
ILM__P-24
<0.50
ILM__P-5
0.48 J
IWB001
<0.50
WCC_03S
130
MWB007
<5.0
MWB006
<250
IWB002
<2.0
AW0055UB
33
MWB030
<0.50
MWB027
<2.0
AW0051UB
14
WCC_04S
<2.5
EWB002
34
WCC_05S
<0.50
WCC_07S
1.7
AW0074UB
3.4 J
TMW_08
<1.0
WCC_12S
<0.50
MWB028
<0.50
TMW_07
<0.50
WCC_09S
<0.50
MWB013
<0.50
MWB003
<10
IRZMW001A
<10
IRZMW001B
<1.0
MWB012
<1.0
TMW_04
NS
MW0005
<1.0
TMW_15
<0.50
TMW_10
<0.50
EWB003
<2.0
IRZMW005
NS
TMW_06
<0.50
IRZMW004
<2.0
MWB014
<1.0
TMW_14
<0.50
TMW_11
<0.50
MWB019
NS
MWB029
<5.0
MWB020
<0.50
PZL0003
NS
10^0
10^1
10^2
10^3
10^4
10^5

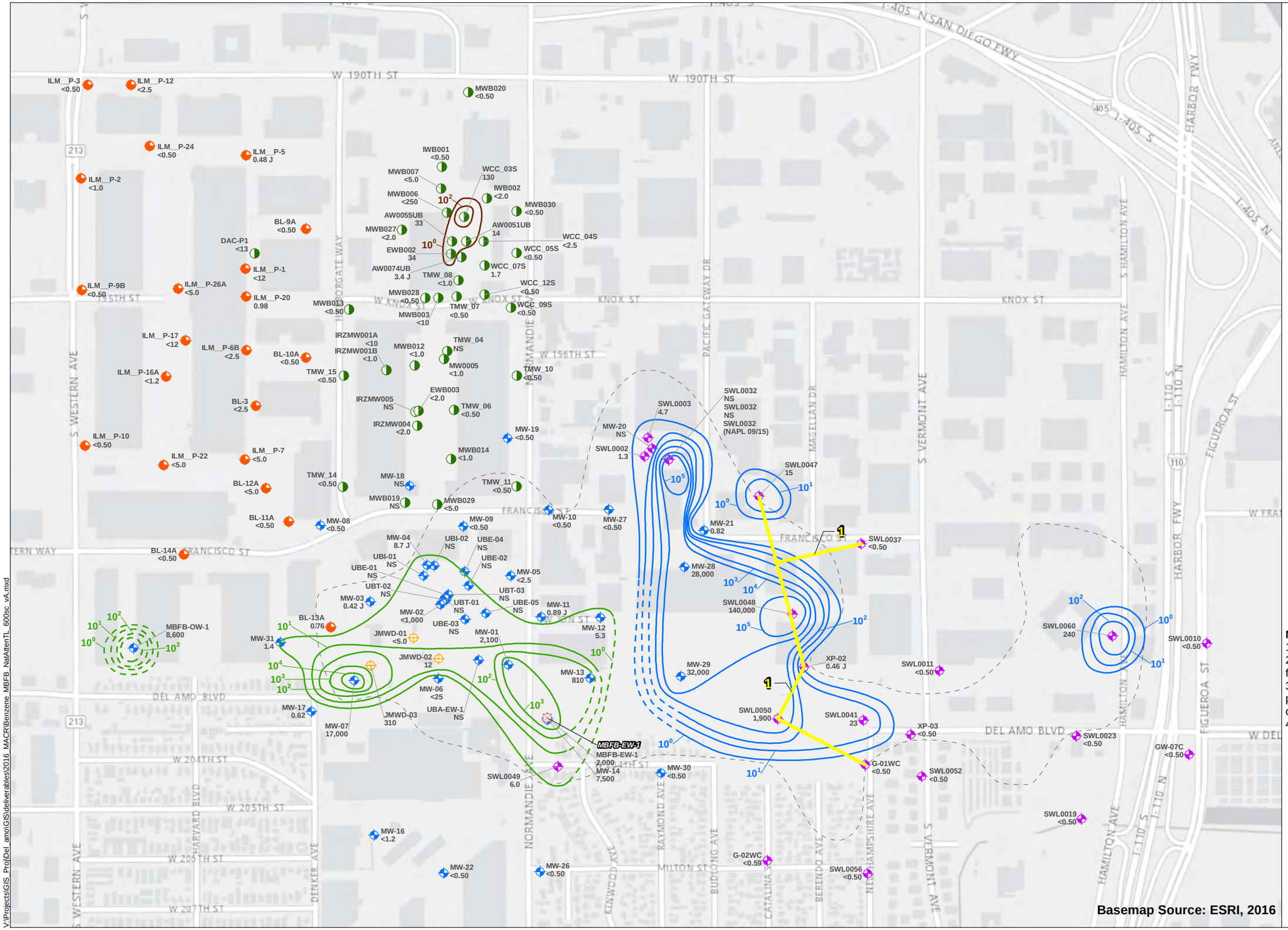


Figure G-7

Dissolved Benzene Distribution With Natural Attenuation Transects MBFB

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Natural Attenuation Transect
- Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFB TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) (NAPL 09/15): Non-aqueous phase liquid present, and date of observation.
4) NS = Well Not Sampled

N

0 300 600 Feet

1 inch = 600 feet

Basemap Source: ESRI, 2016

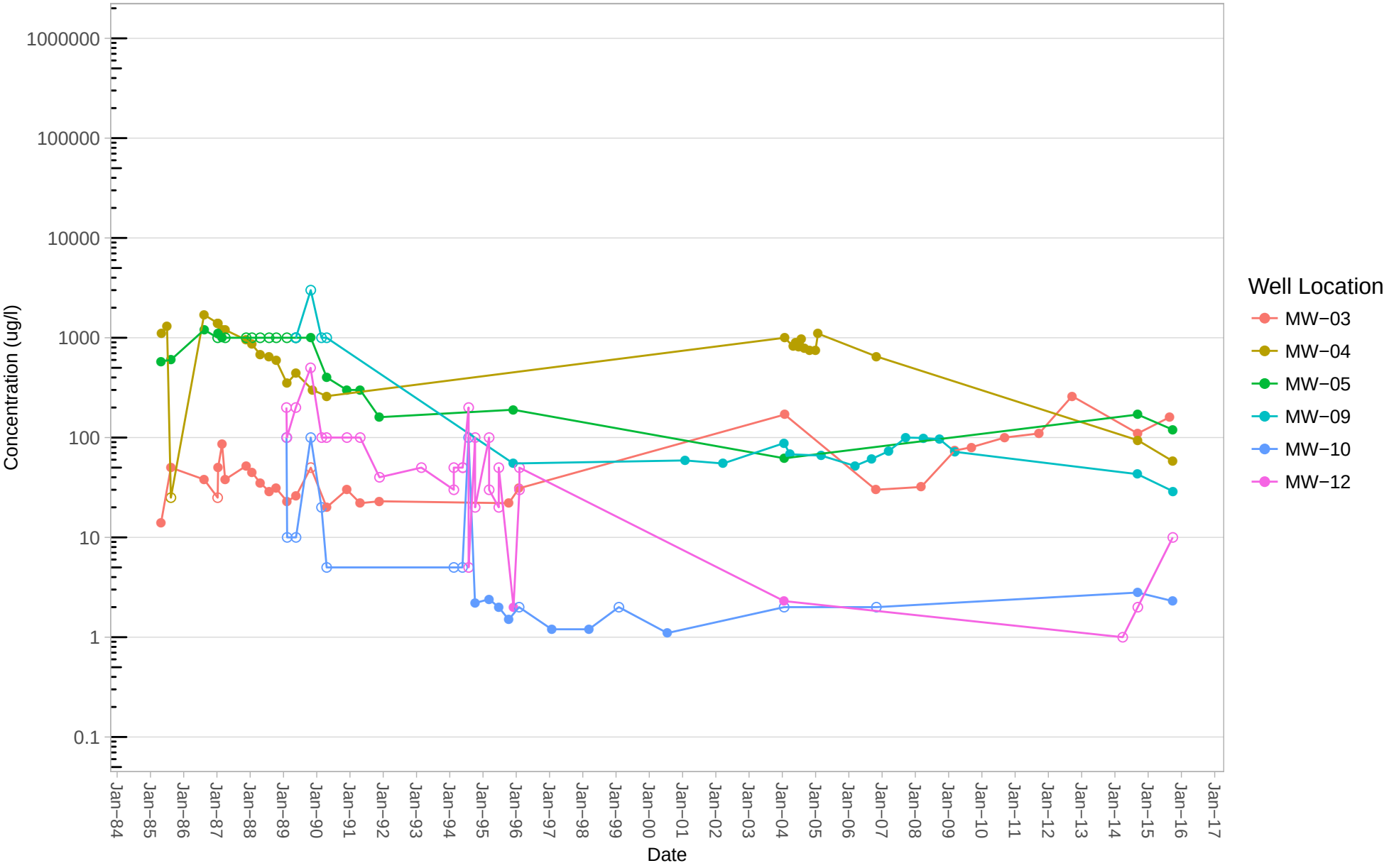
V:\Projects\GIS_Proj\Del_amo\GIS\deliverables\2016_MACR\Benzene_MBFB_NatAttenTL_600sc_vA.mxd

APPENDIX H

PCE AND TCE GRAPHS

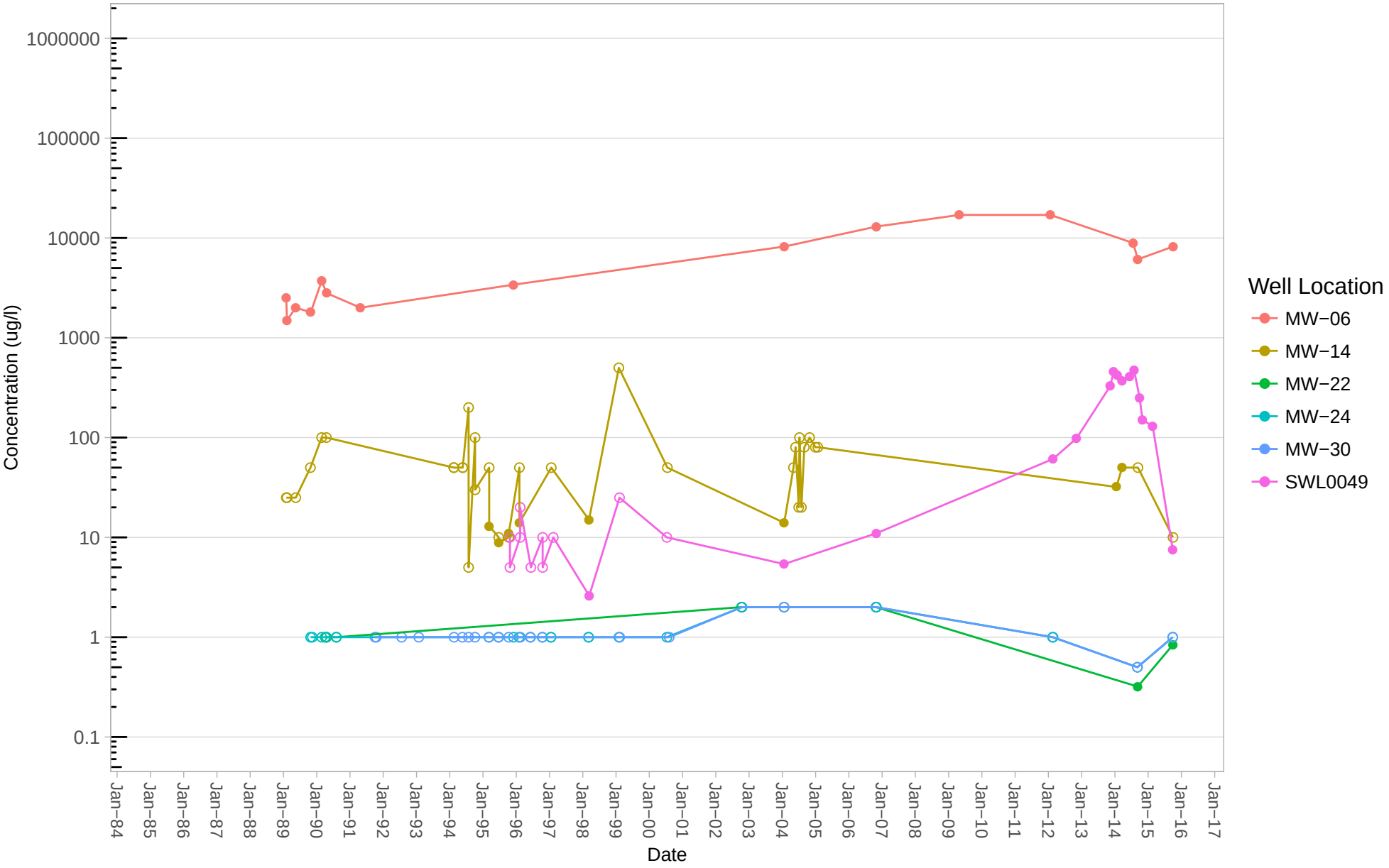
PCE

Graph H−01 − PCE
Time vs Concentration Plot, North of Montrose Property, Water Table
Montrose Superfund Site



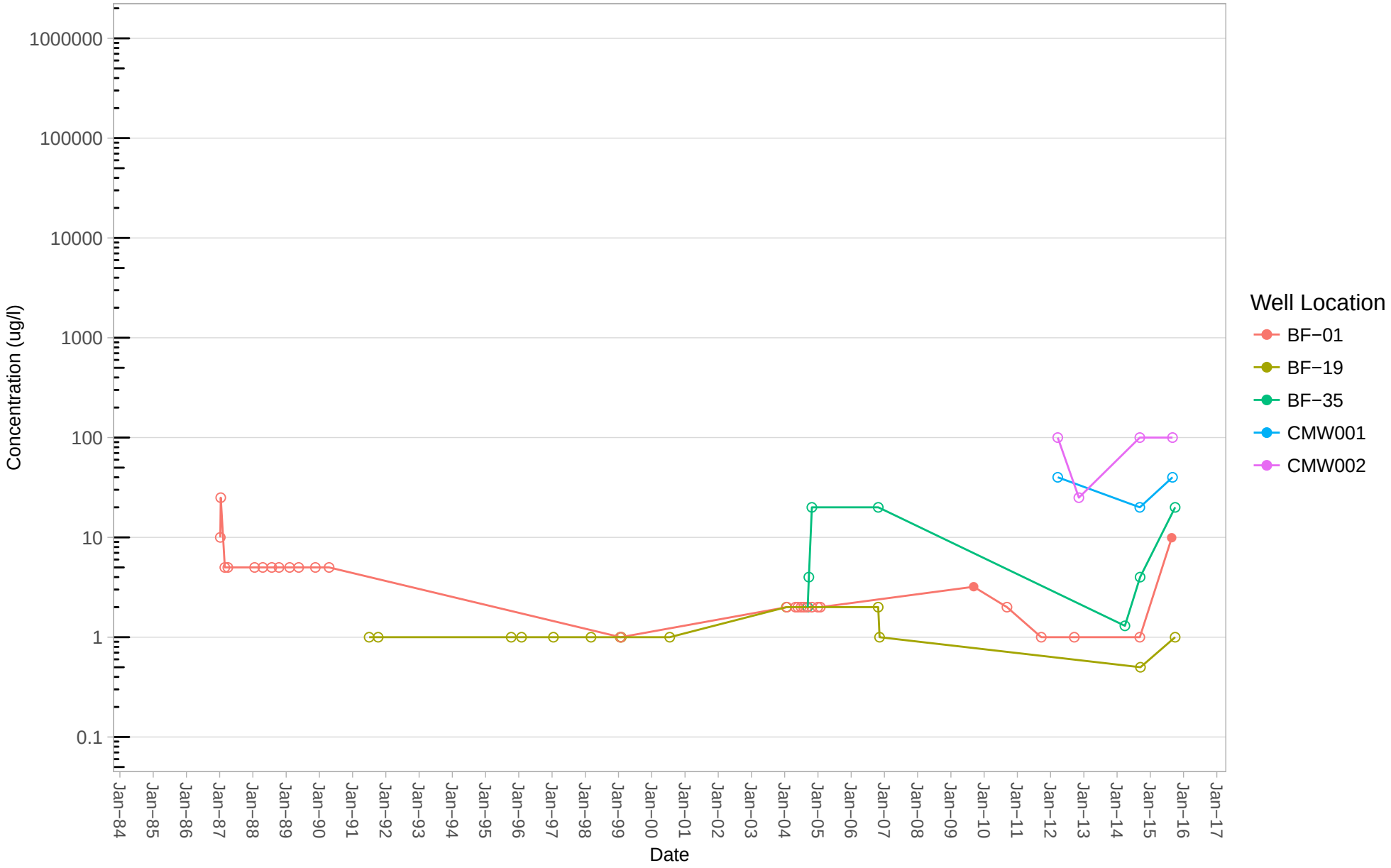
Notes: Nondetects reported as white circles at the reporting limit

Graph H−02 − PCE
Time vs Concentration Plot, South of Montrose Property, Water Table
Montrose Superfund Site



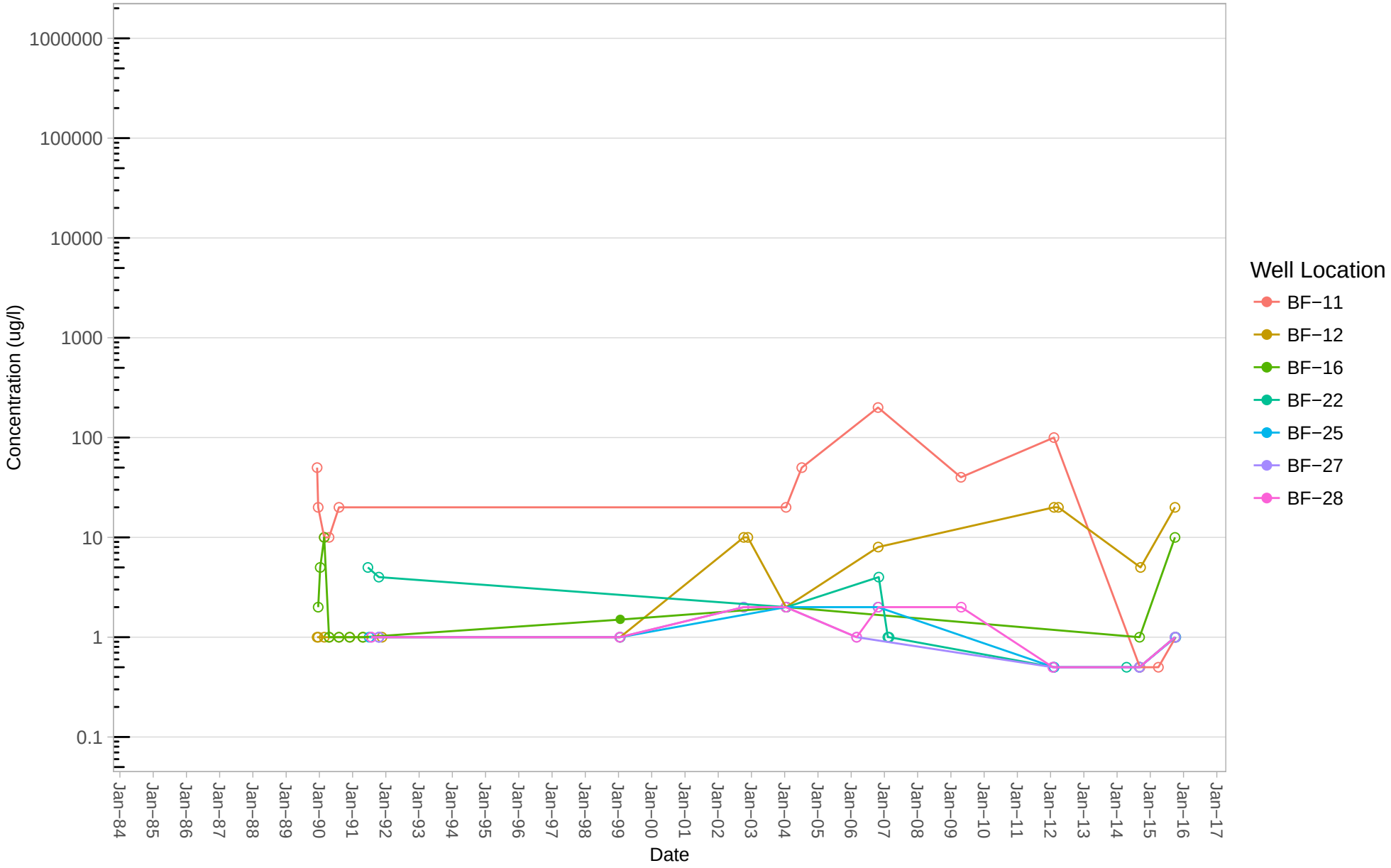
Notes: Nondetects reported as white circles at the reporting limit

Graph H−03 − PCE
Time vs Concentration Plot, North of Montrose Property, MBFC Aquifer
Montrose Superfund Site



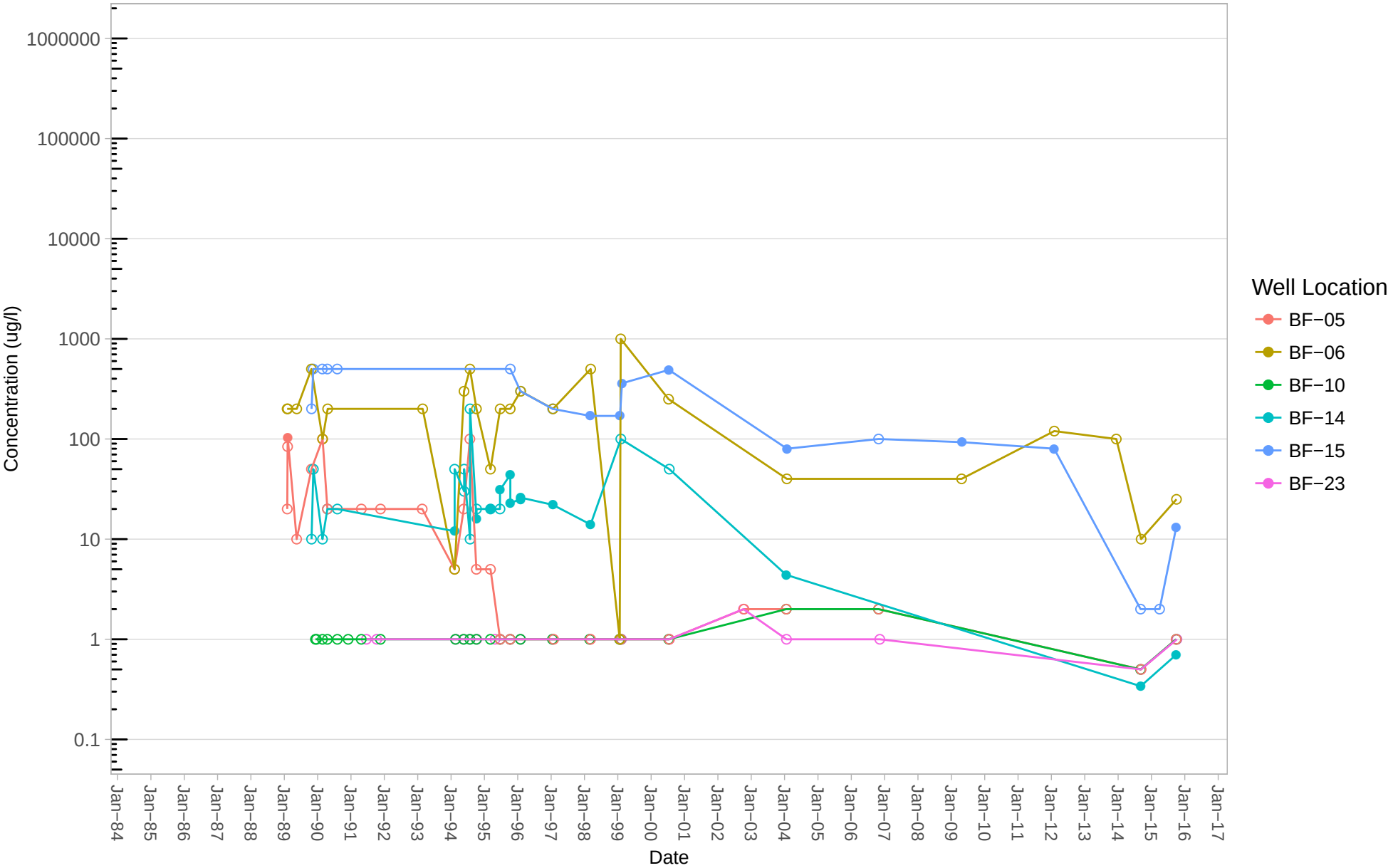
Notes: Nondetects reported as white circles at the reporting limit

Graph H−04 − PCE
Time vs Concentration Plot, South of Montrose Property, MBFC Aquifer
Montrose Superfund Site



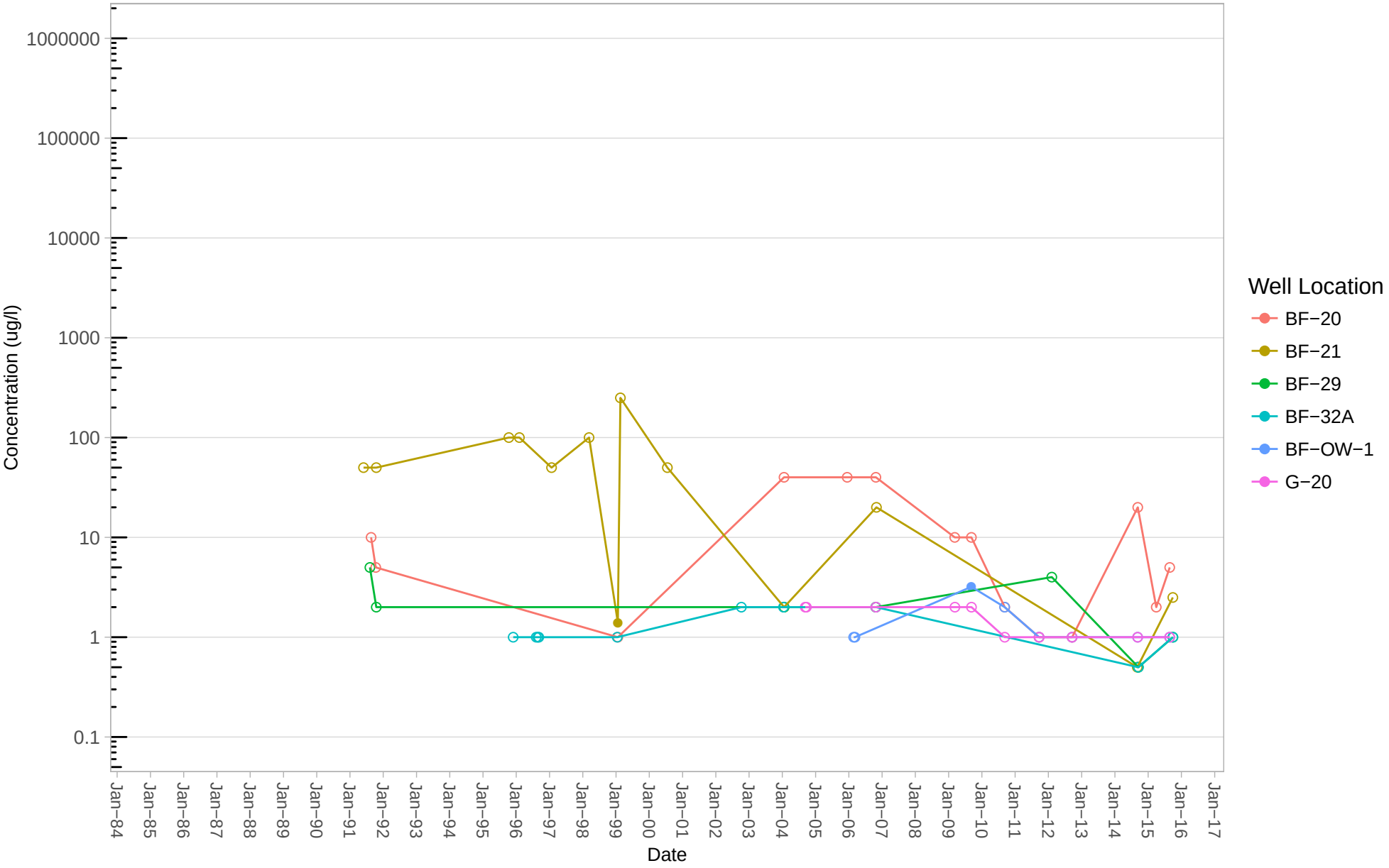
Notes: Nondetects reported as white circles at the reporting limit

Graph H−05 − PCE
Time vs Concentration Plot, East of Montrose Property, MBFC Aquifer
Montrose Superfund Site



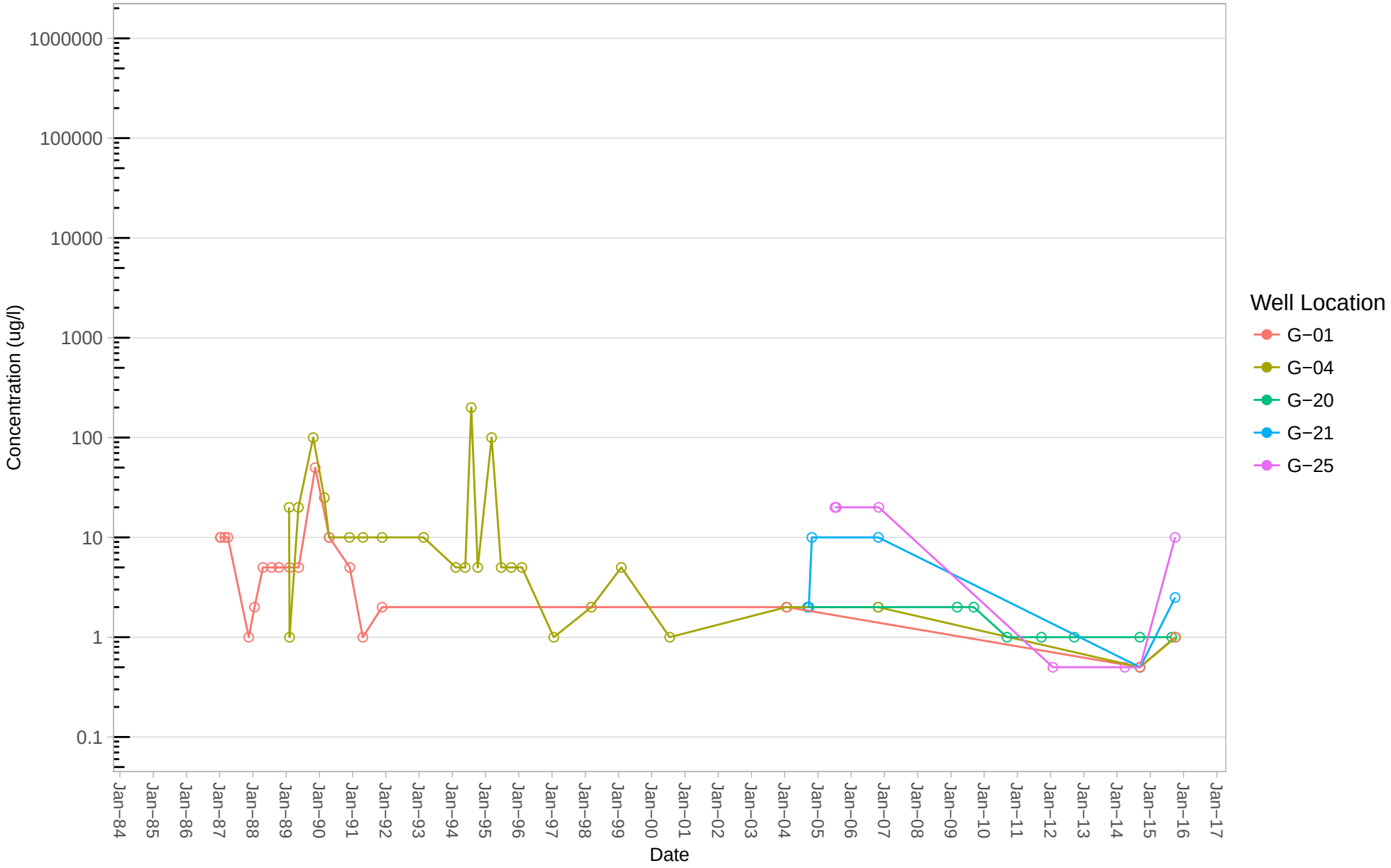
Notes: Nondetects reported as white circles at the reporting limit

Graph H−06 − PCE
Time vs Concentration Plot, West of Montrose Property, MBFC Aquifer
Montrose Superfund Site



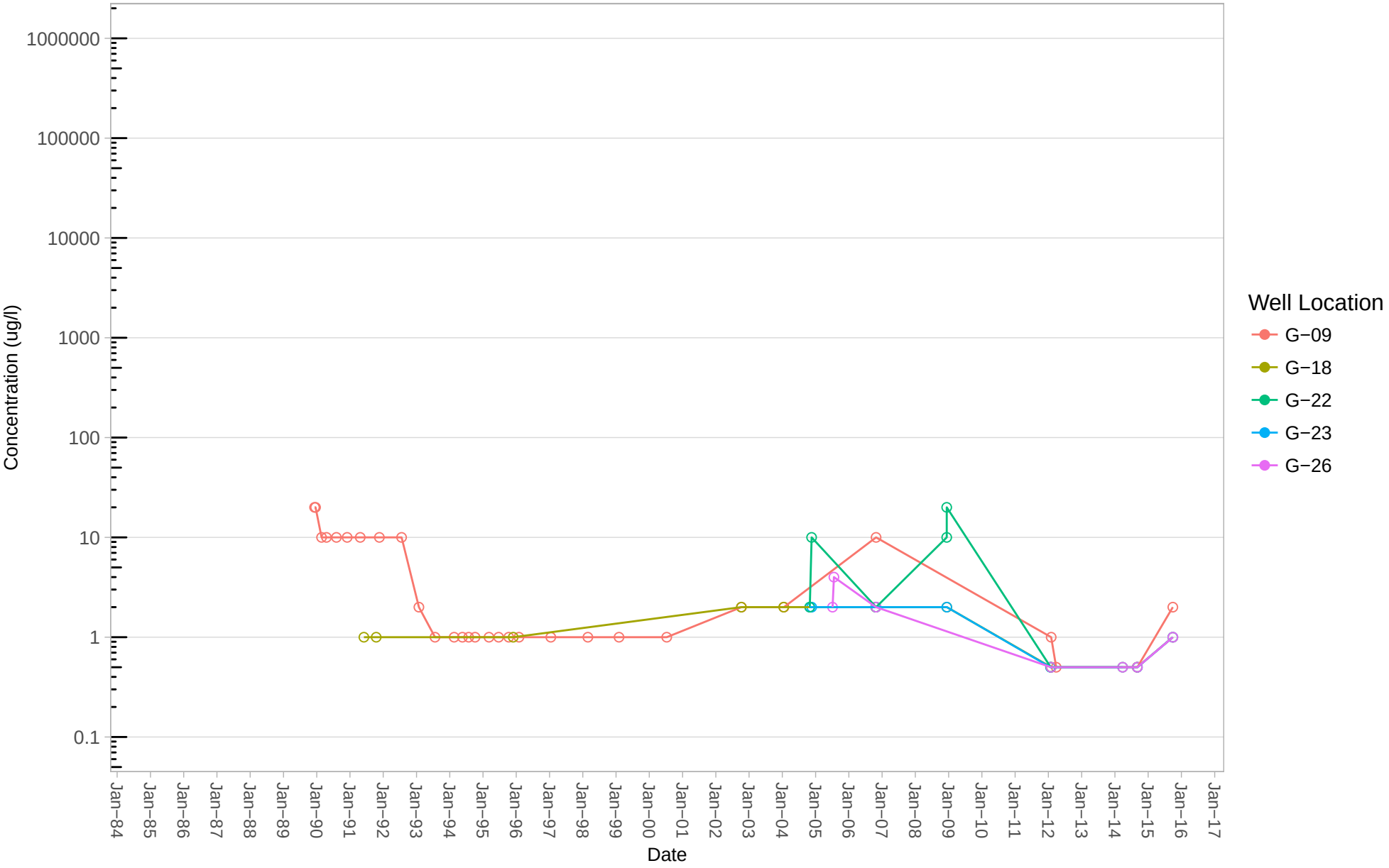
Notes: Nondetects reported as white circles at the reporting limit

Graph H−07 − PCE
Time vs Concentration Plot, Northwest of Montrose Property, Gage Aquifer
Montrose Superfund Site



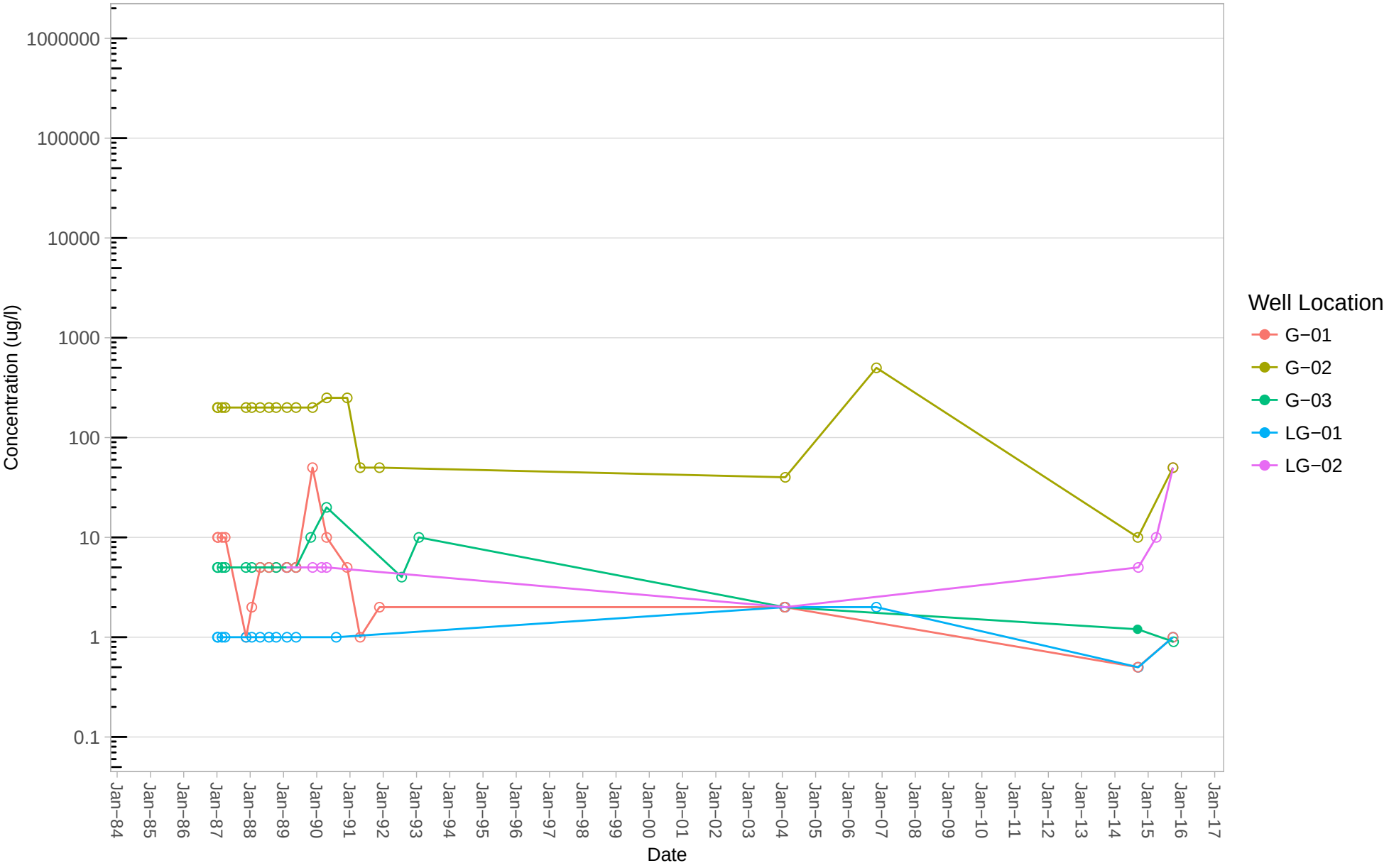
Notes: Nondetects reported as white circles at the reporting limit

Graph H−08 − PCE
Time vs Concentration Plot, Southeast of Montrose Property, Gage Aquifer
Montrose Superfund Site



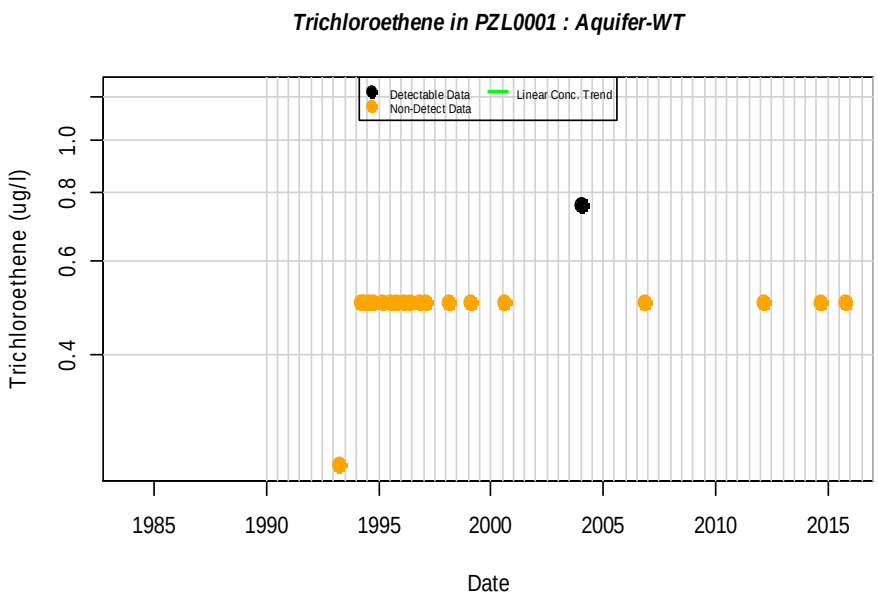
Notes: Nondetects reported as white circles at the reporting limit

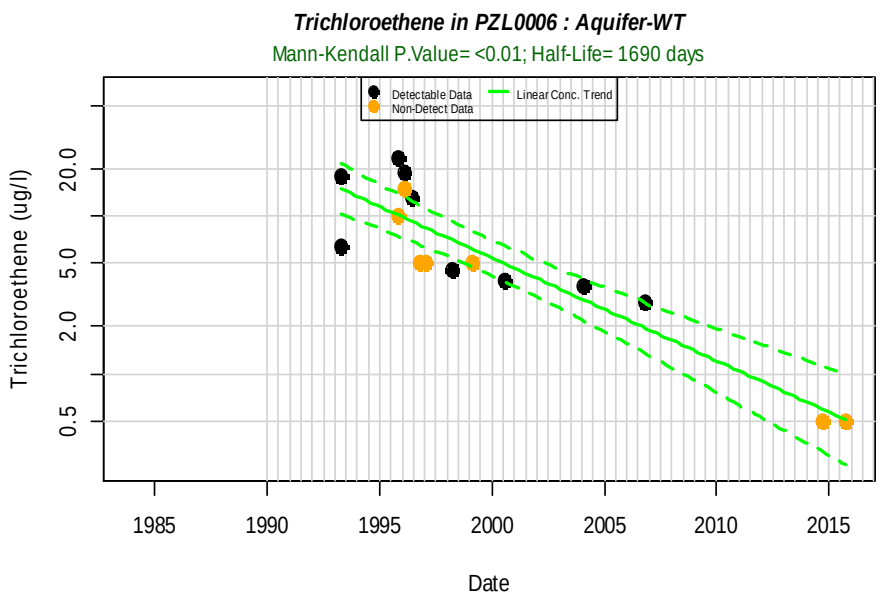
Graph H−09 − PCE
Time vs Concentration Plot, Montrose Property, Gage Aquifer
Montrose Superfund Site

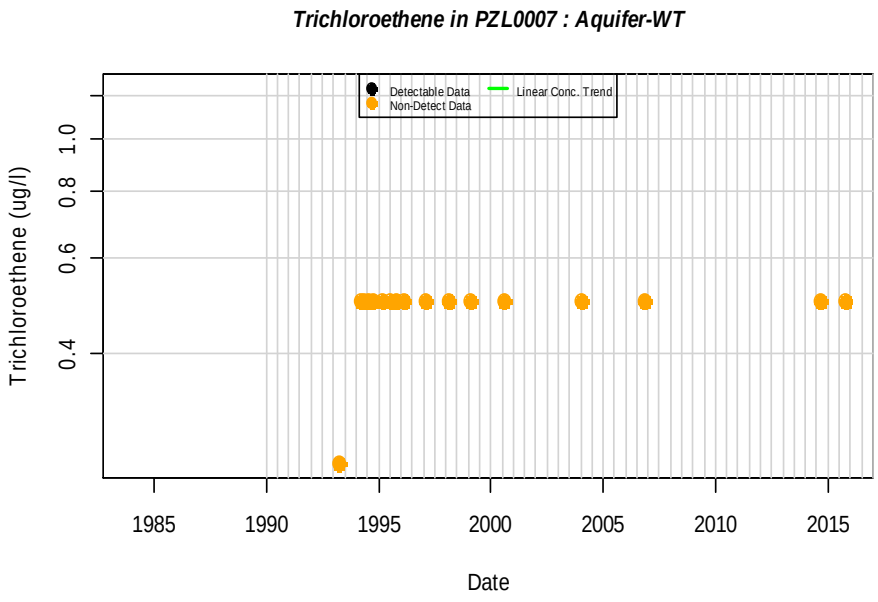


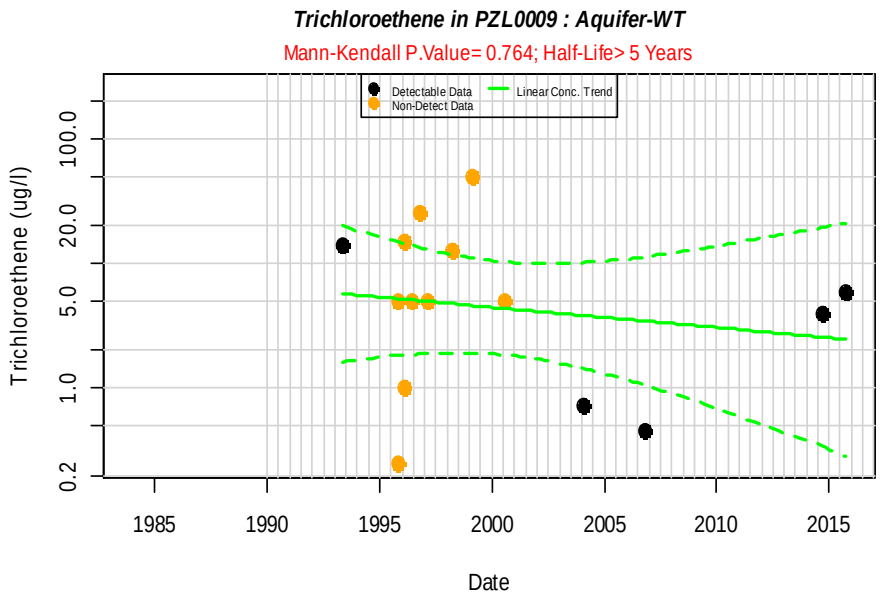
Notes: Nondetects reported as white circles at the reporting limit

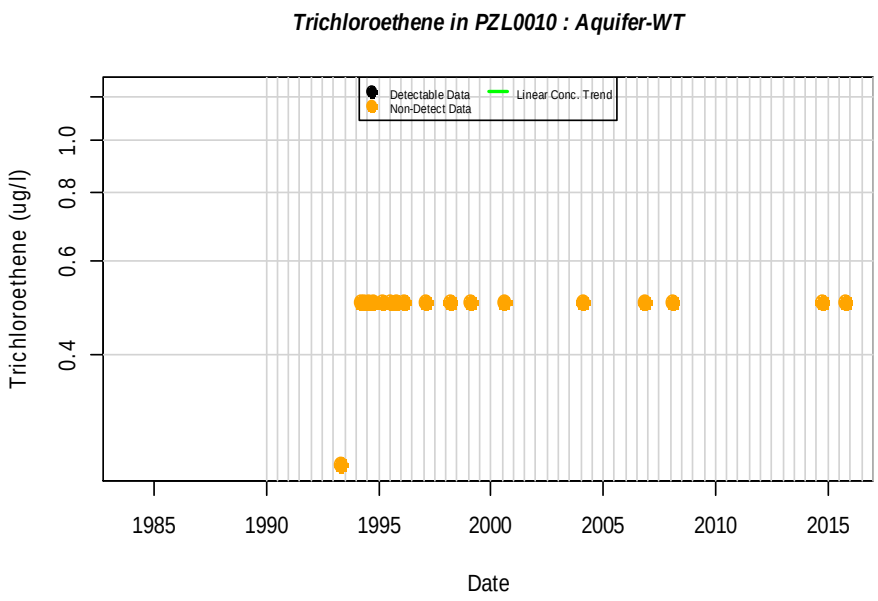
TCE

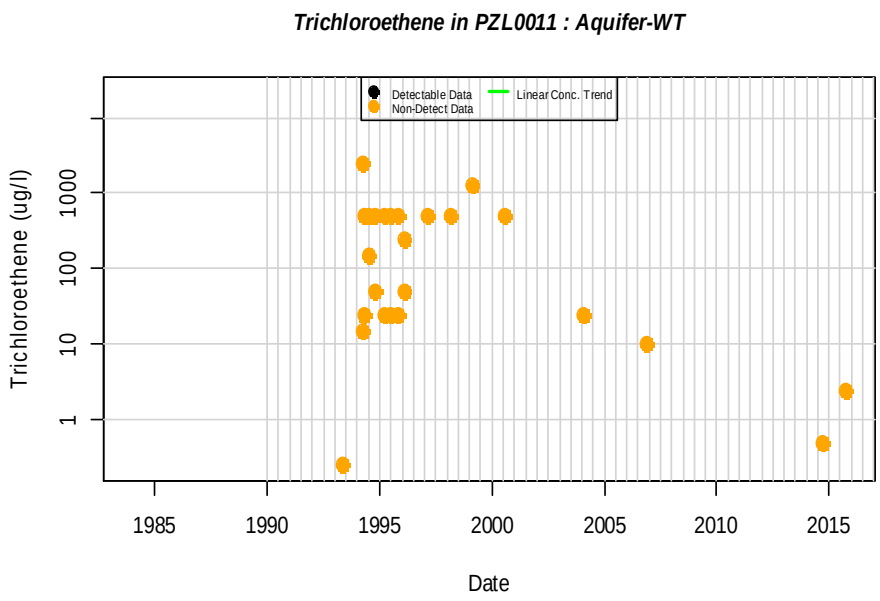

Trichloroethene in PZL0001 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

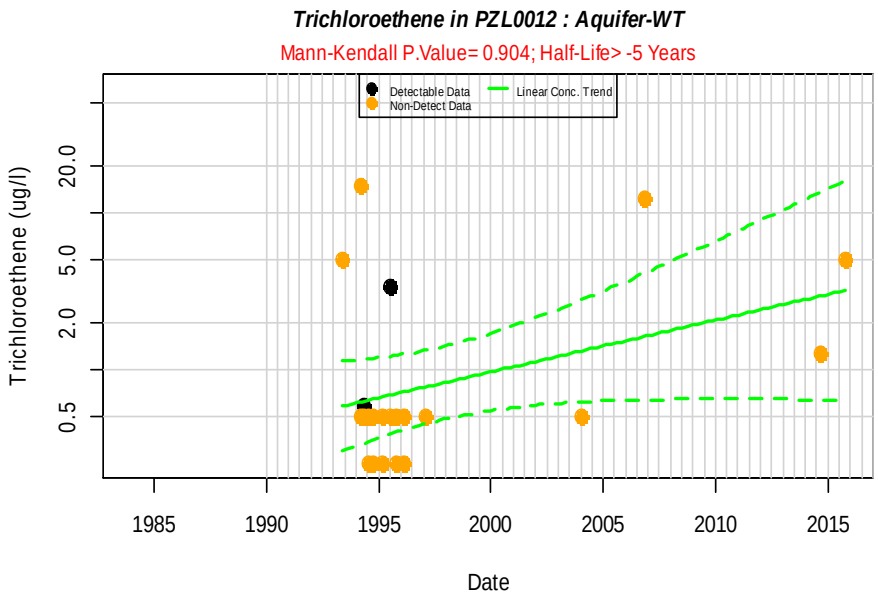

Trichloroethene in PZL0006 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1690 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

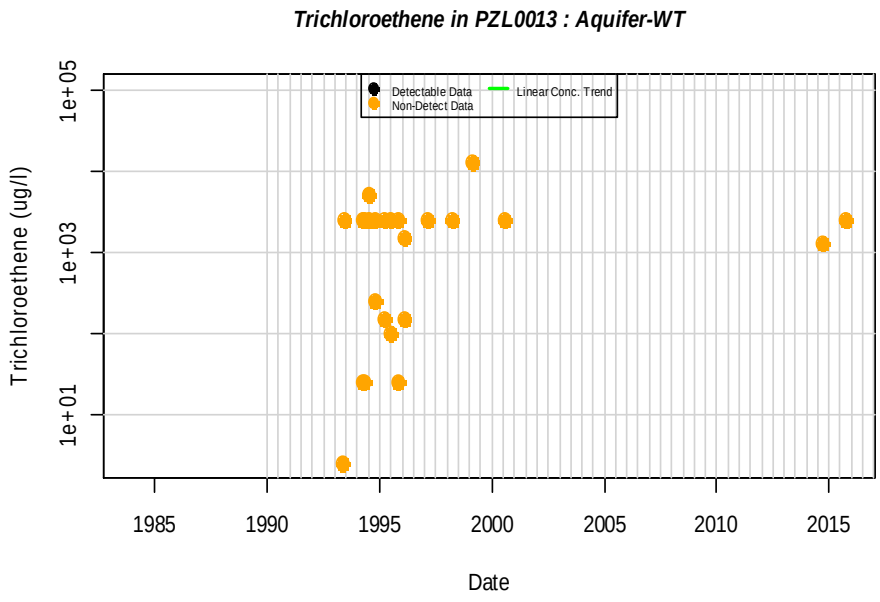

Trichloroethene in PZL0007 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

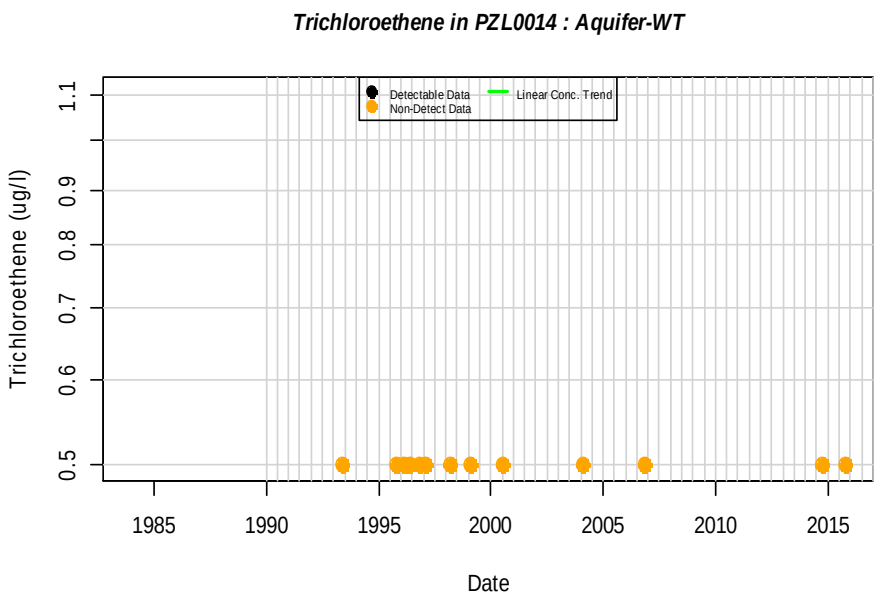

Trichloroethene in PZL0009 : Aquifer-WT
Mann-Kendall P.Value= 0.764; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

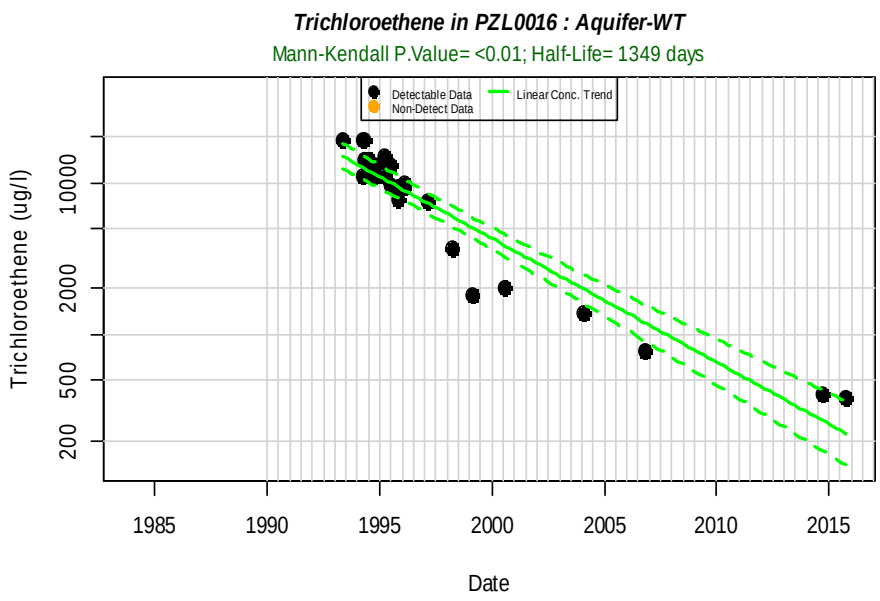

Trichloroethene in PZL0010 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

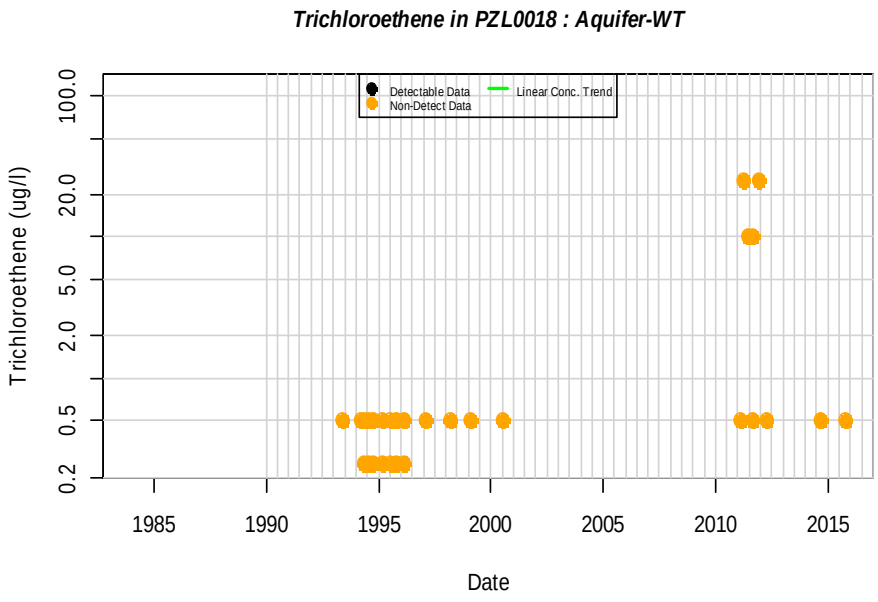

Trichloroethene in PZL0011 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

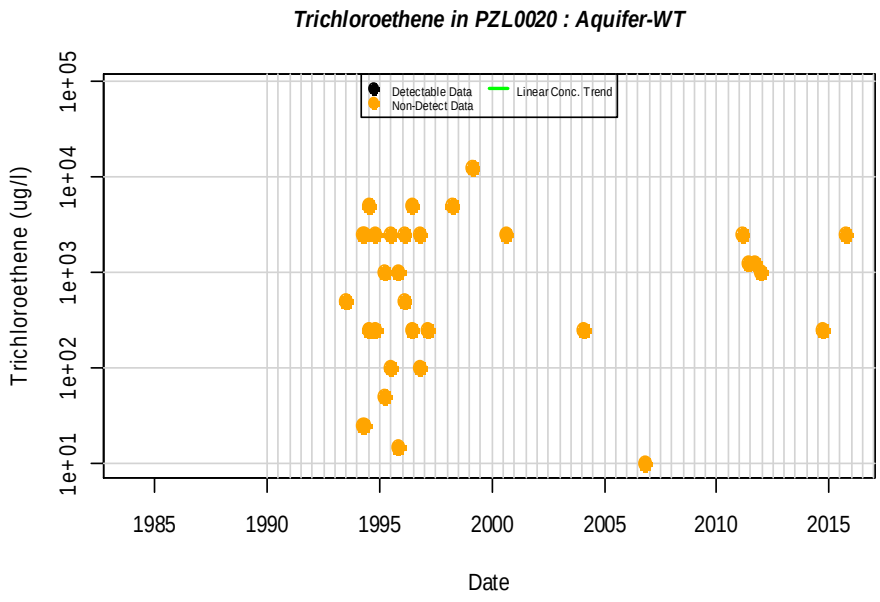

Trichloroethene in PZL0012 : Aquifer-WT
Mann-Kendall P.Value= 0.904; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

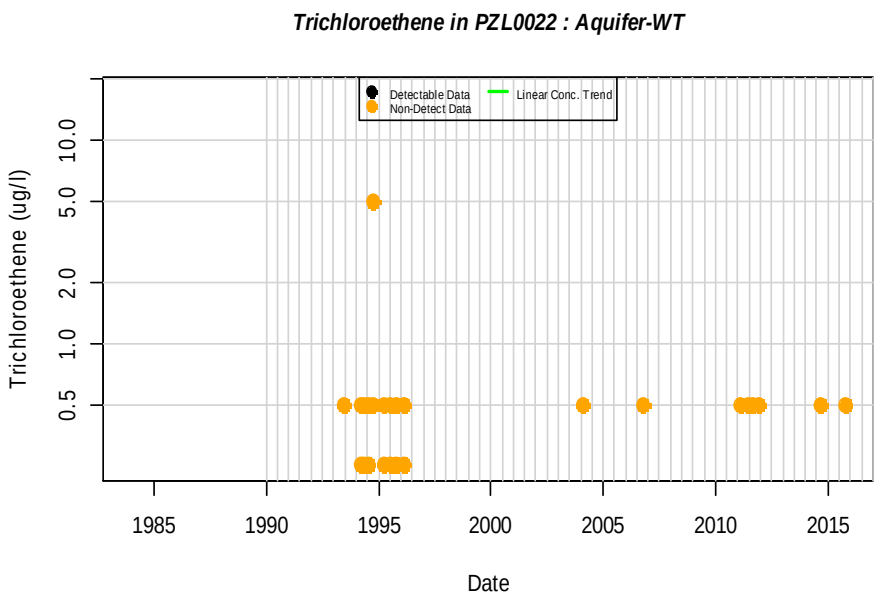

Trichloroethene in PZL0013 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

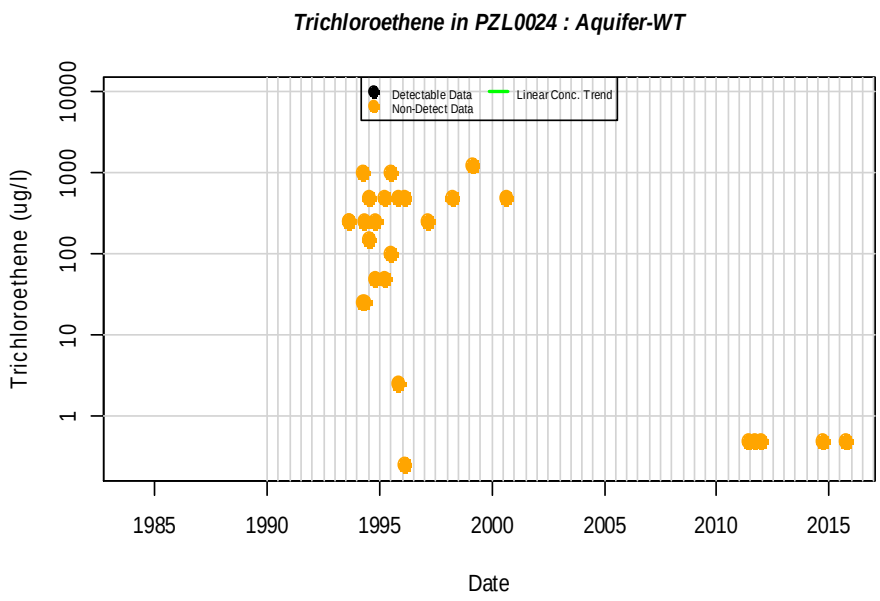

Trichloroethene in PZL0014 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

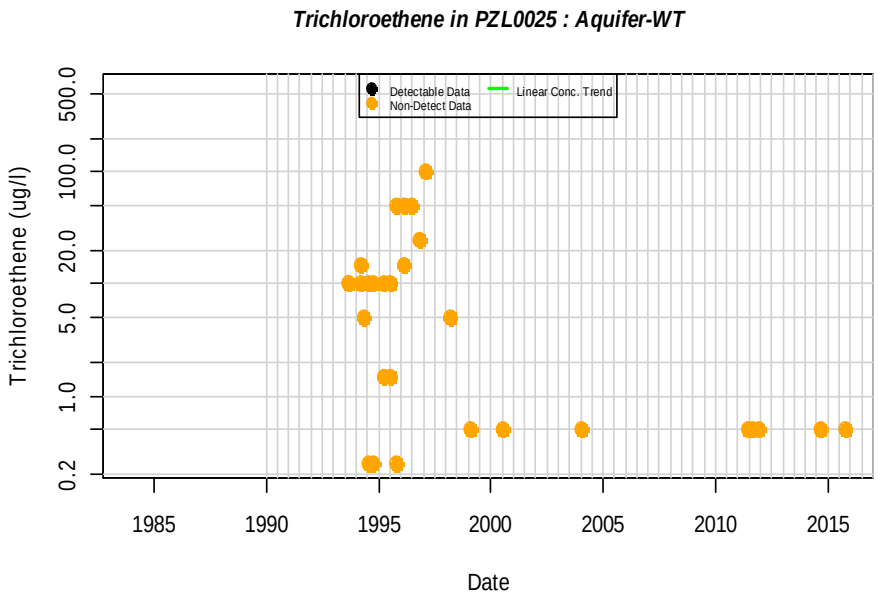

Trichloroethene in PZL0016 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1349 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
500
2000
10000
1985
1990
1995
2000
2005
2010
2015
Date

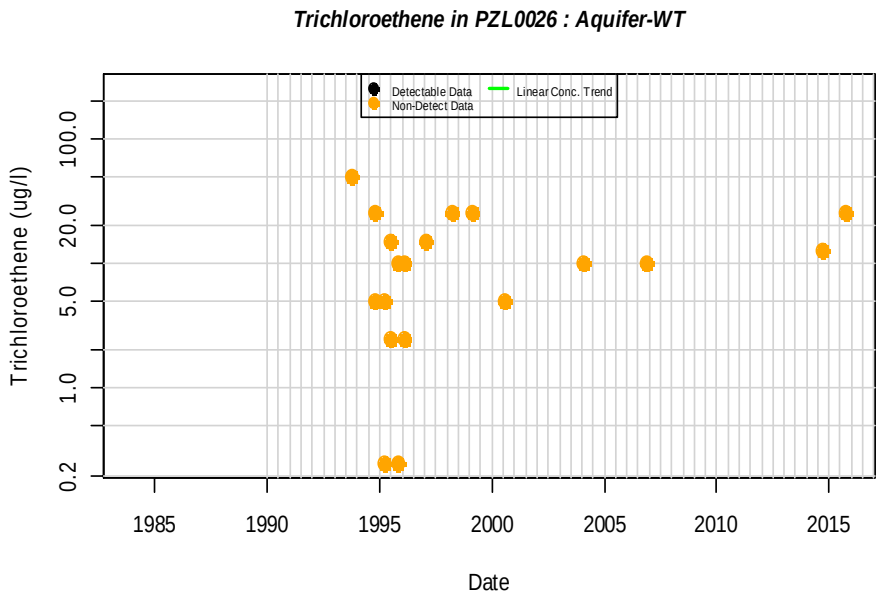

Trichloroethene in PZL0018 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

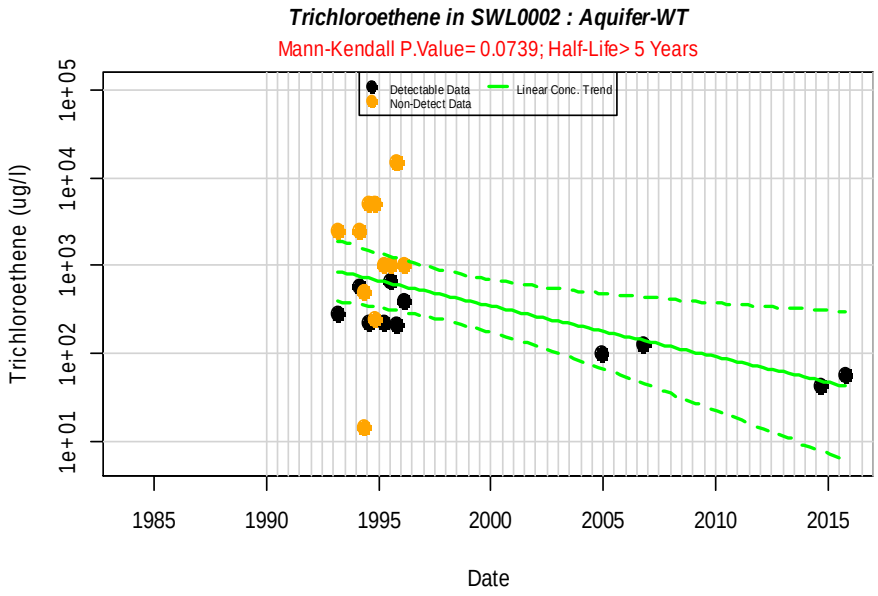

Trichloroethene in PZL0020 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+01
1e+02
1e+03
1e+04
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

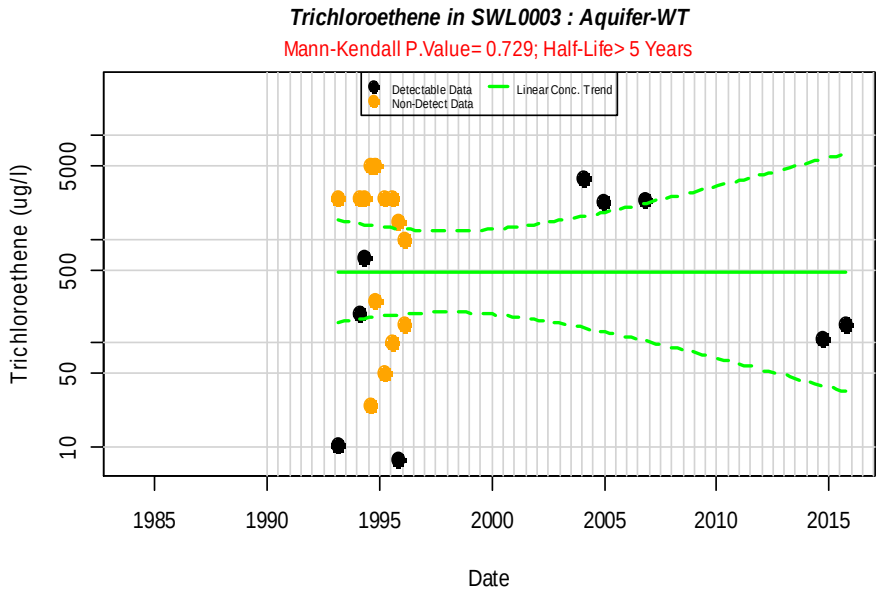

Trichloroethene in PZL0022 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1985
1990
1995
2000
2005
2010
2015
Date

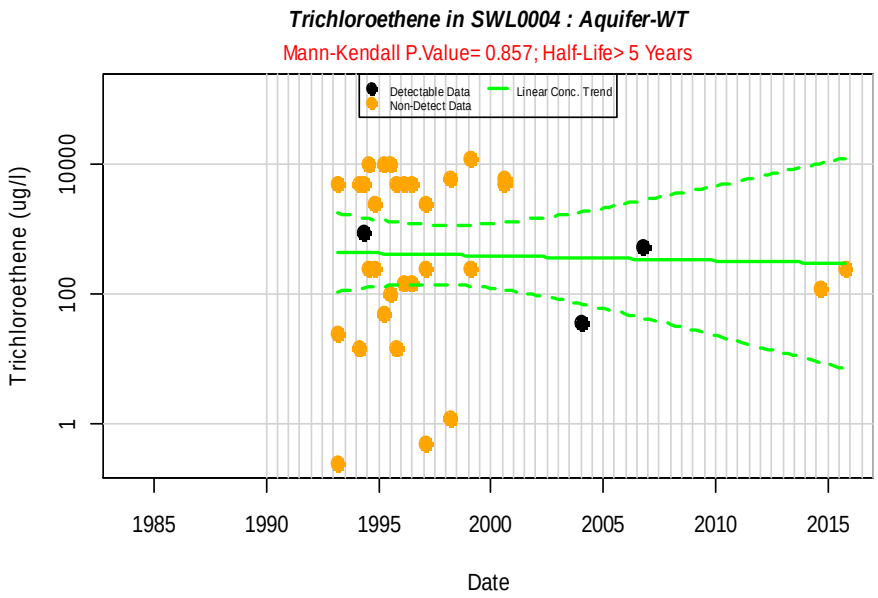

Trichloroethene in PZL0024 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1985
1990
1995
2000
2005
2010
2015
Date

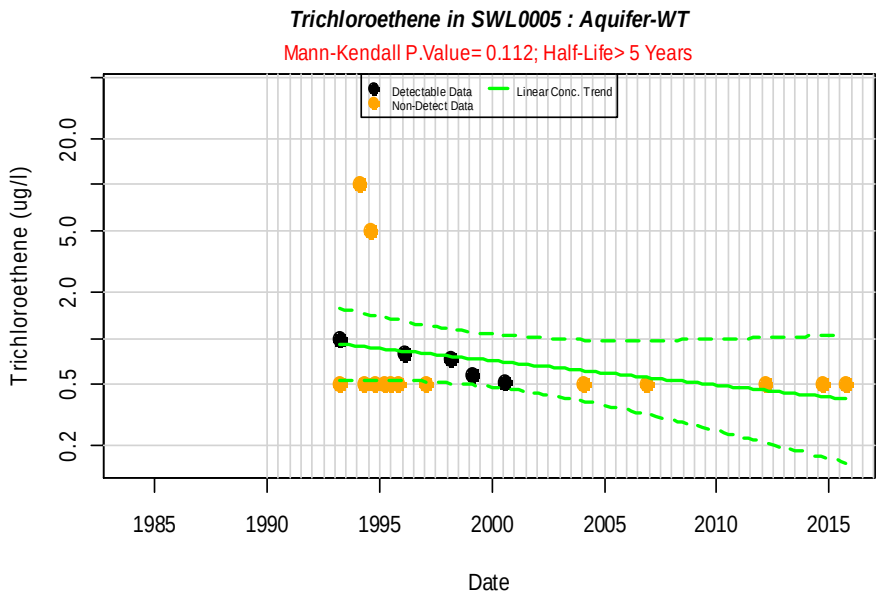

Trichloroethene in PZL0025 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
500.0
1985
1990
1995
2000
2005
2010
2015
Date

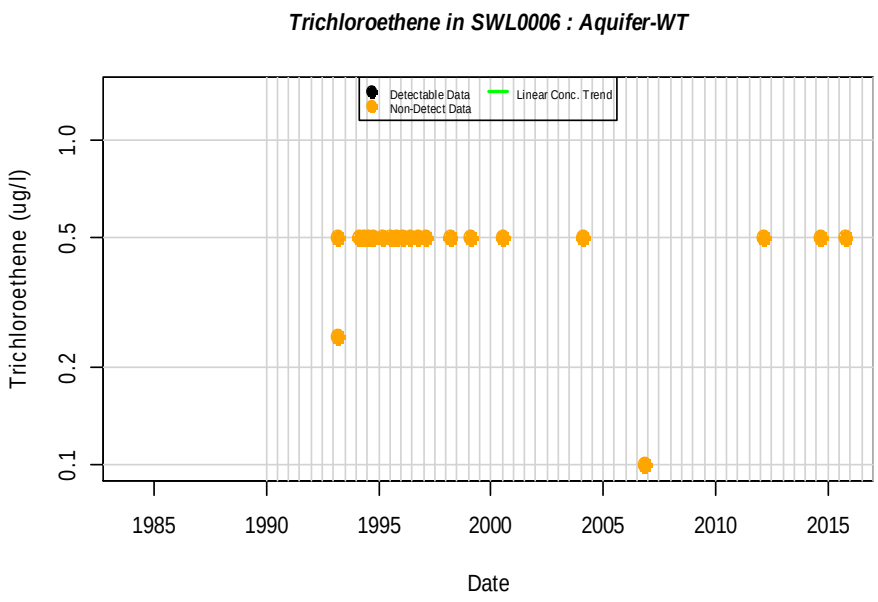

Trichloroethene in PZL0026 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

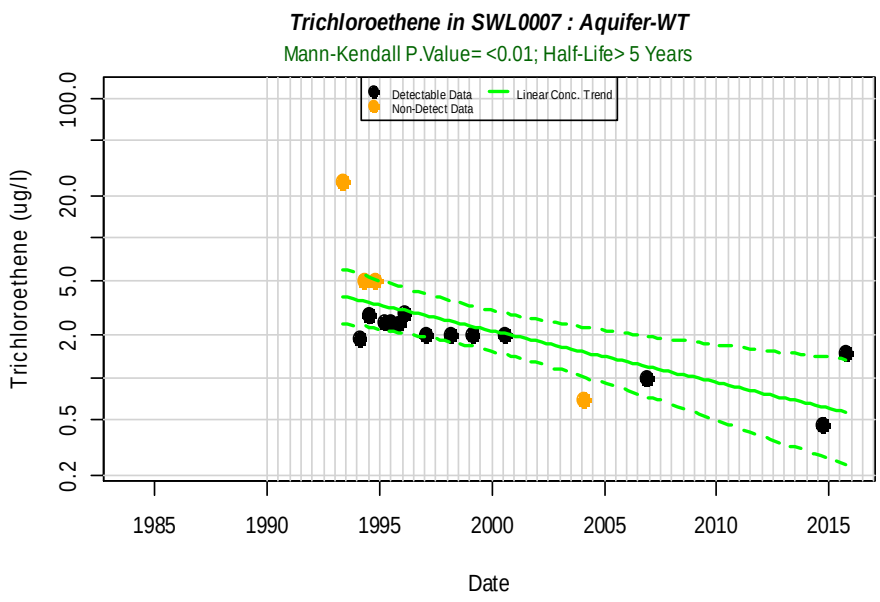

Trichloroethene in SWL0002 : Aquifer-WT
Mann-Kendall P.Value= 0.0739; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+01
1e+02
1e+03
1e+04
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

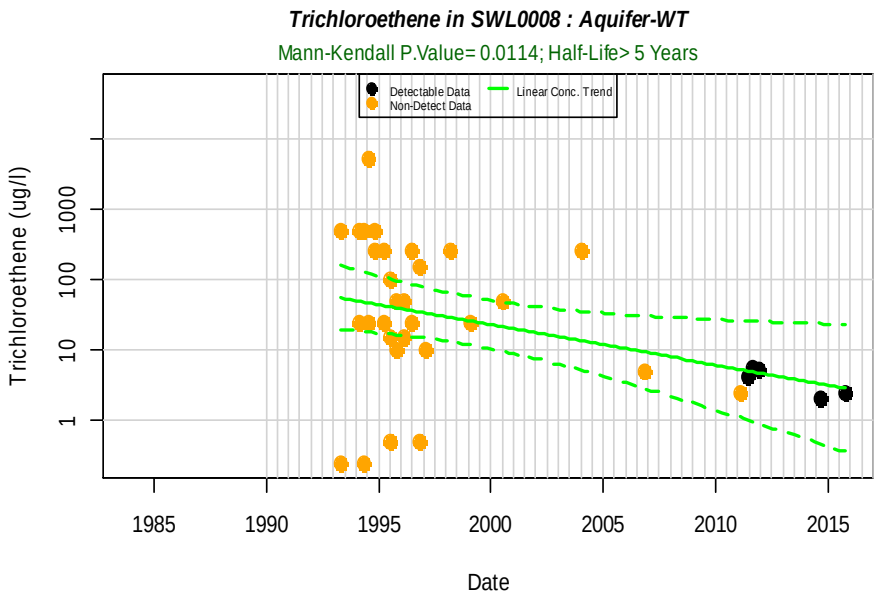

Trichloroethene in SWL0003 : Aquifer-WT
Mann-Kendall P.Value= 0.729; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
10
50
500
5000
1985
1990
1995
2000
2005
2010
2015
Date

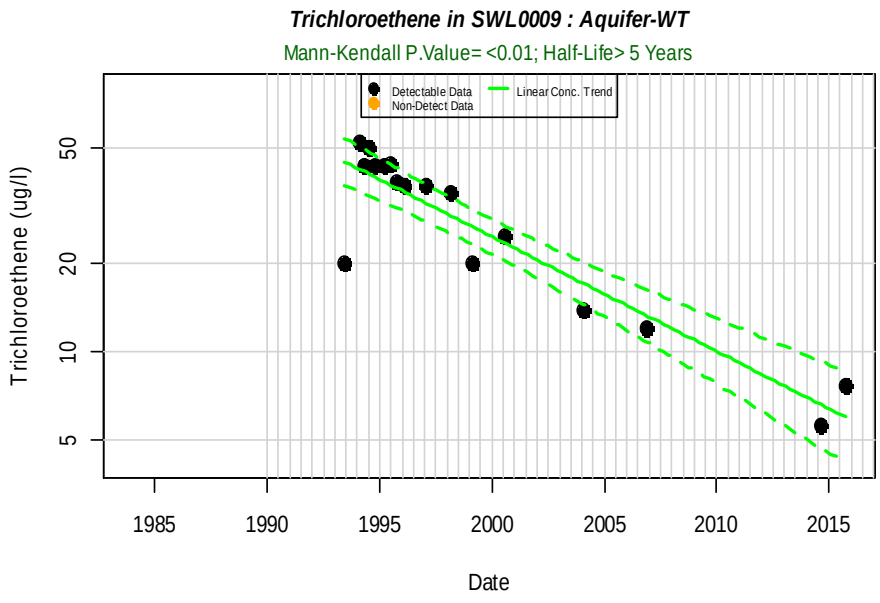

Trichloroethene in SWL0004 : Aquifer-WT
Mann-Kendall P.Value= 0.857; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
100
10000
1985
1990
1995
2000
2005
2010
2015
Date

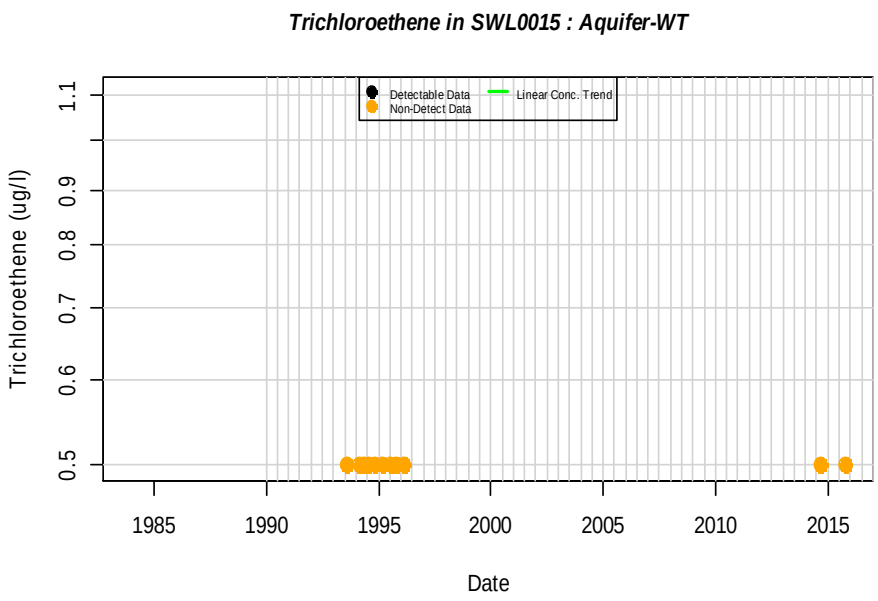

Trichloroethene in SWL0005 : Aquifer-WT
Mann-Kendall P.Value= 0.112; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

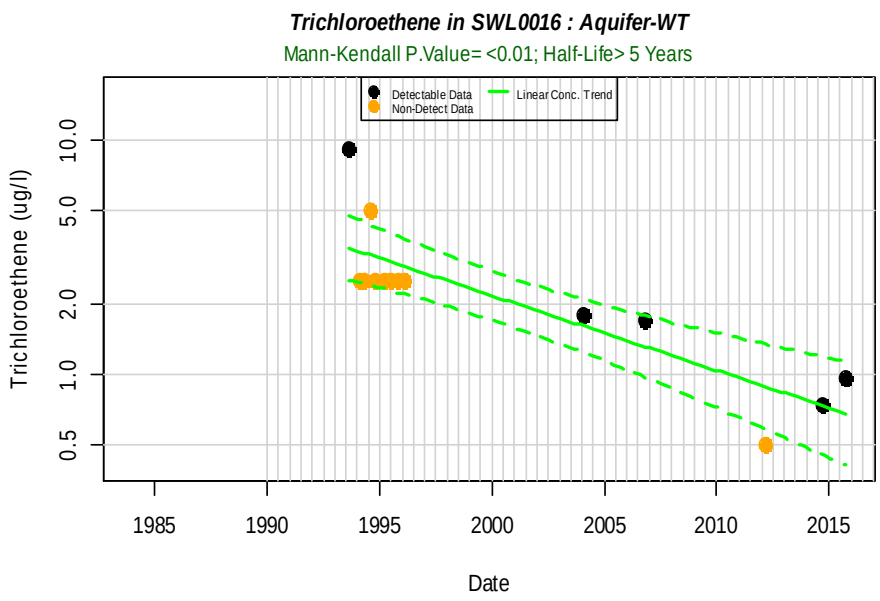

Trichloroethene in SWL0006 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.1
0.2
0.5
1.0
1985
1990
1995
2000
2005
2010
2015
Date

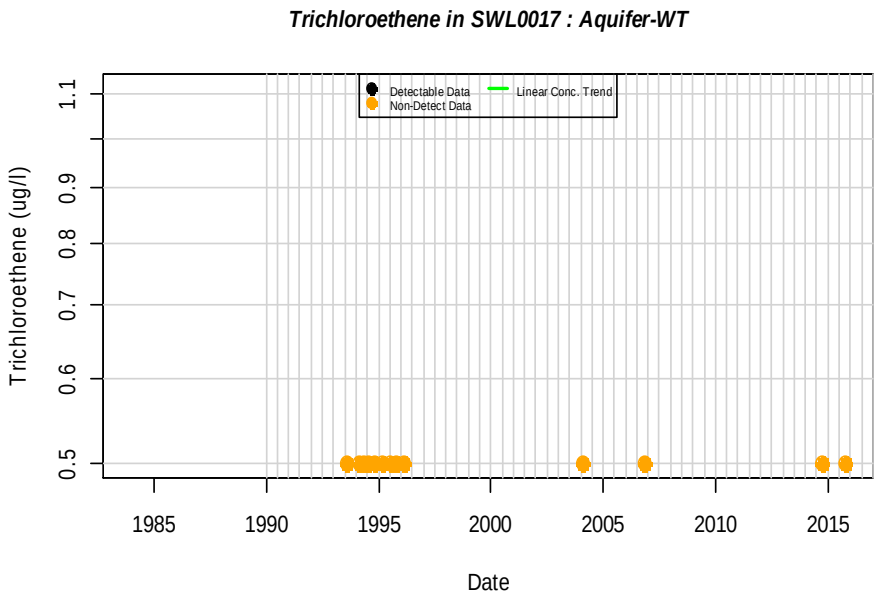

Trichloroethene in SWL0007 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

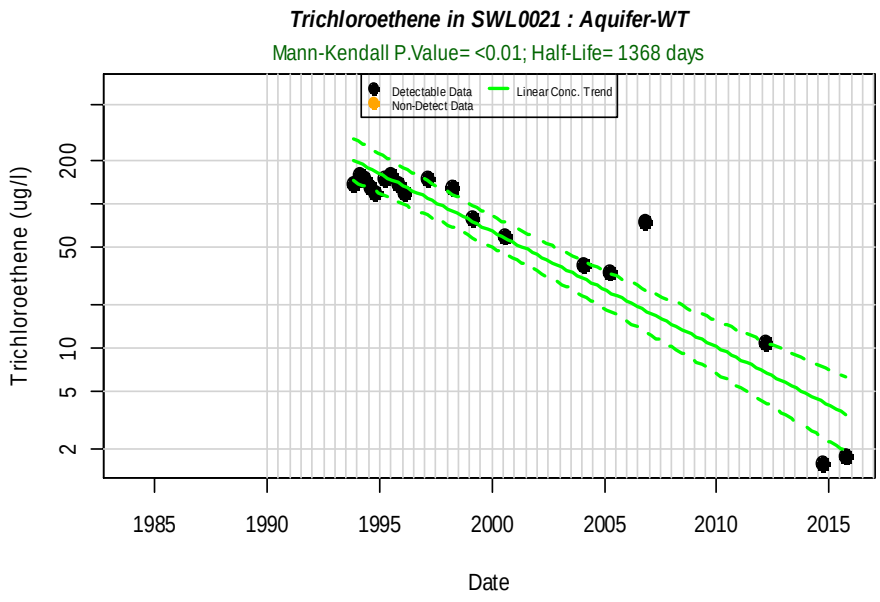

Trichloroethene in SWL0008 : Aquifer-WT
Mann-Kendall P.Value= 0.0114; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

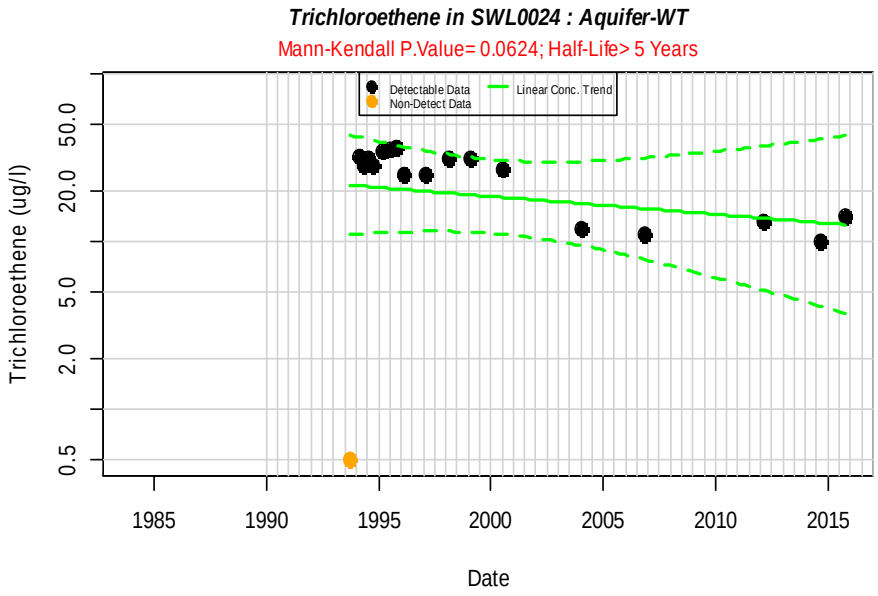

Trichloroethene in SWL0009 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
1985
1990
1995
2000
2005
2010
2015
Date

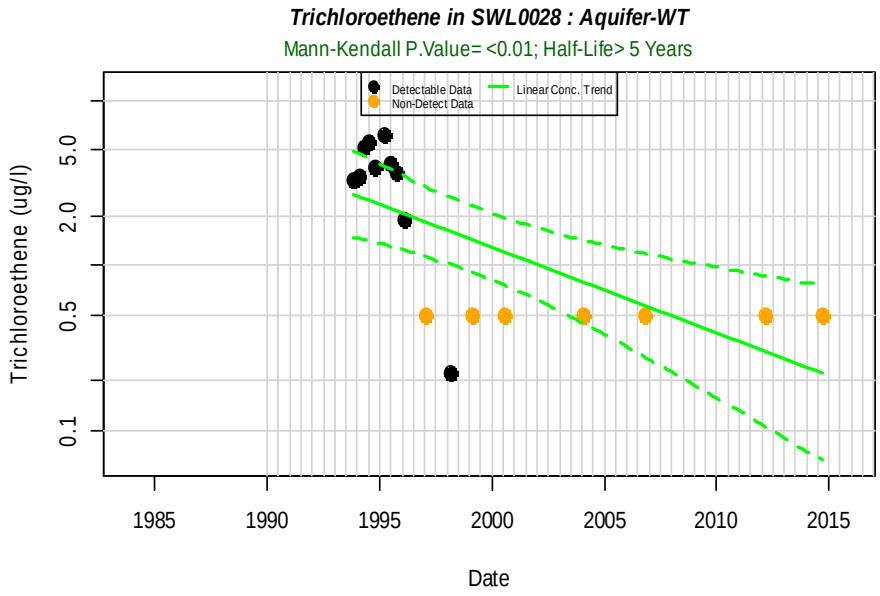

Trichloroethene in SWL0015 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

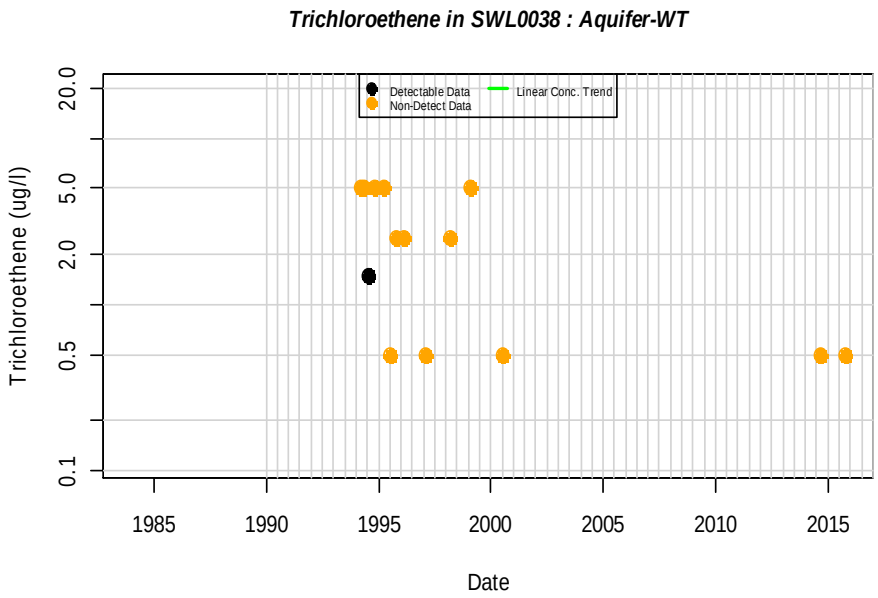

Trichloroethene in SWL0016 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1985
1990
1995
2000
2005
2010
2015
Date

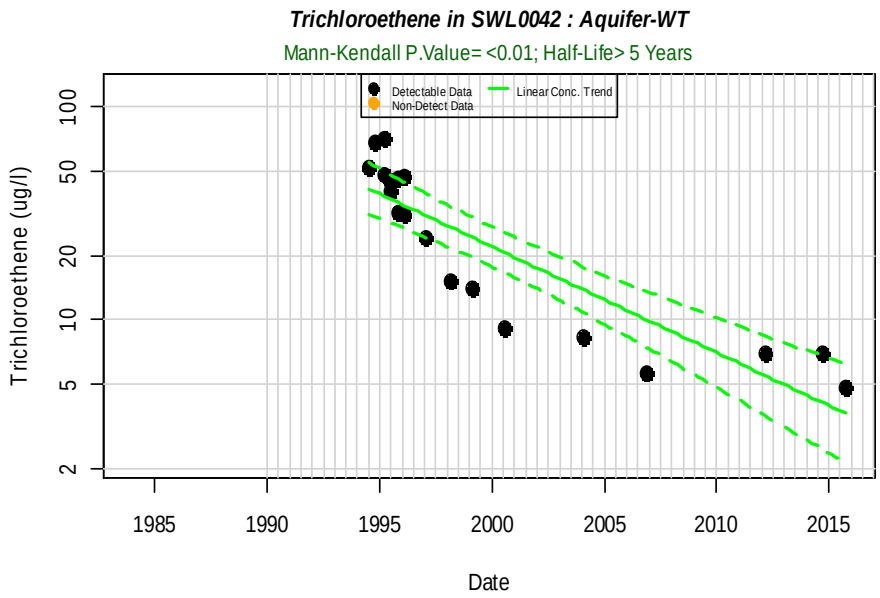

Trichloroethene in SWL0017 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

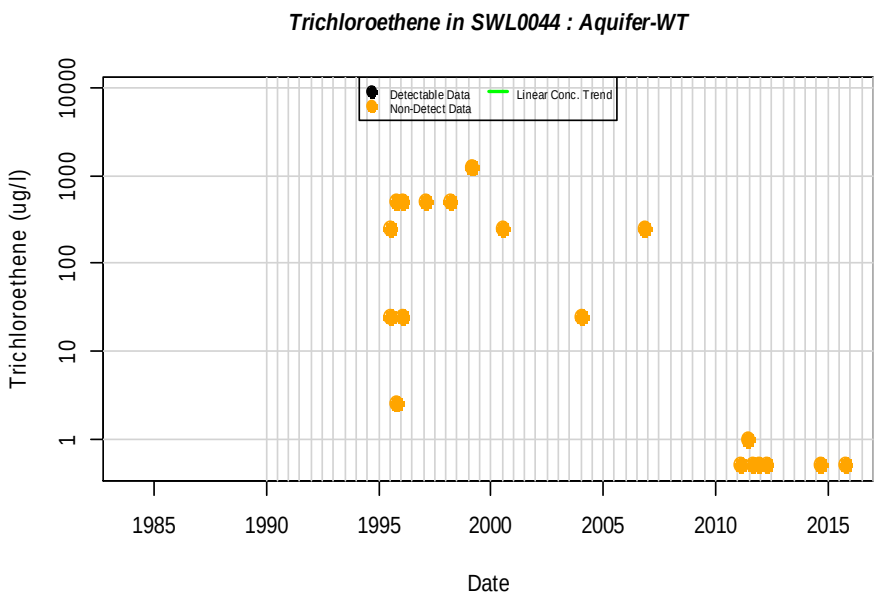

Trichloroethene in SWL0021 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1368 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
50
200
1985
1990
1995
2000
2005
2010
2015
Date

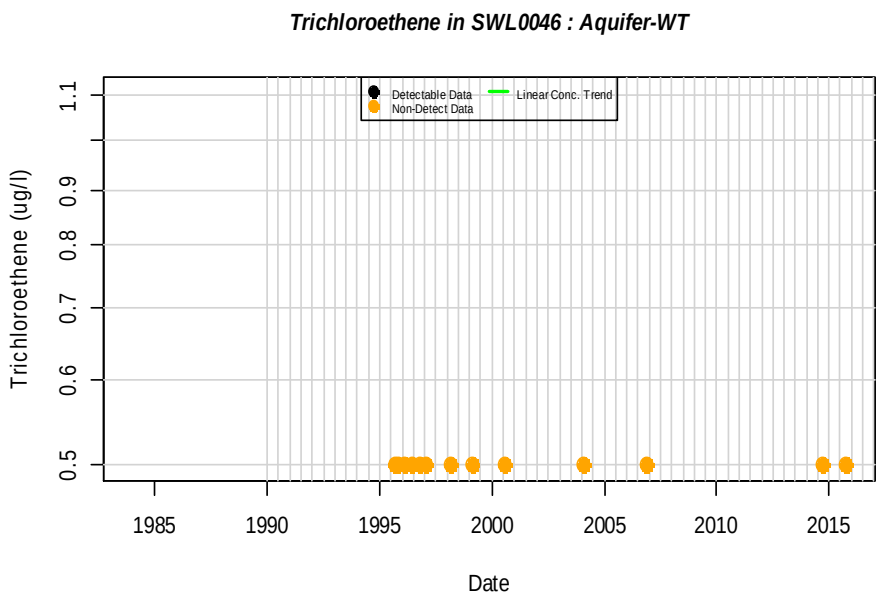

Trichloroethene in SWL0024 : Aquifer-WT
Mann-Kendall P.Value= 0.0624; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
50.0
1985
1990
1995
2000
2005
2010
2015
Date

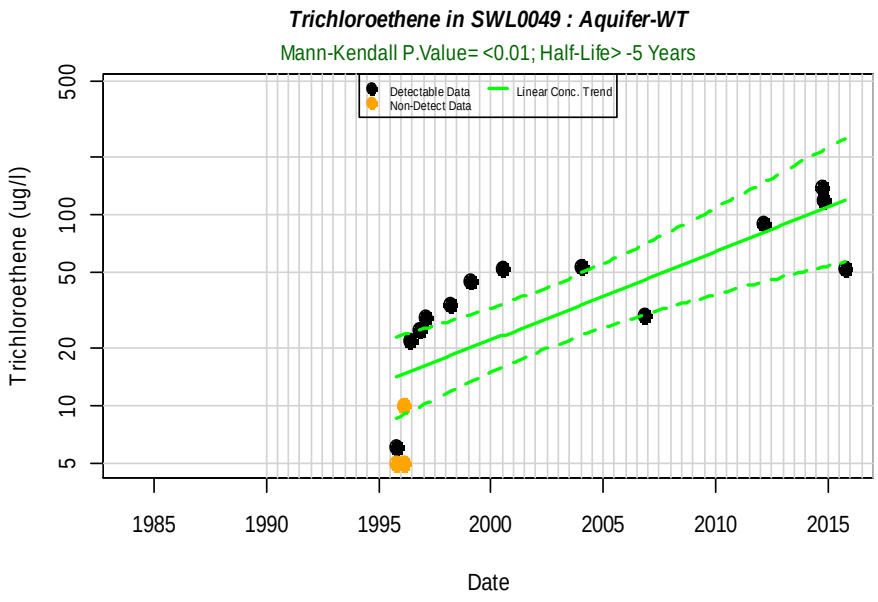

Trichloroethene in SWL0028 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.1
0.5
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

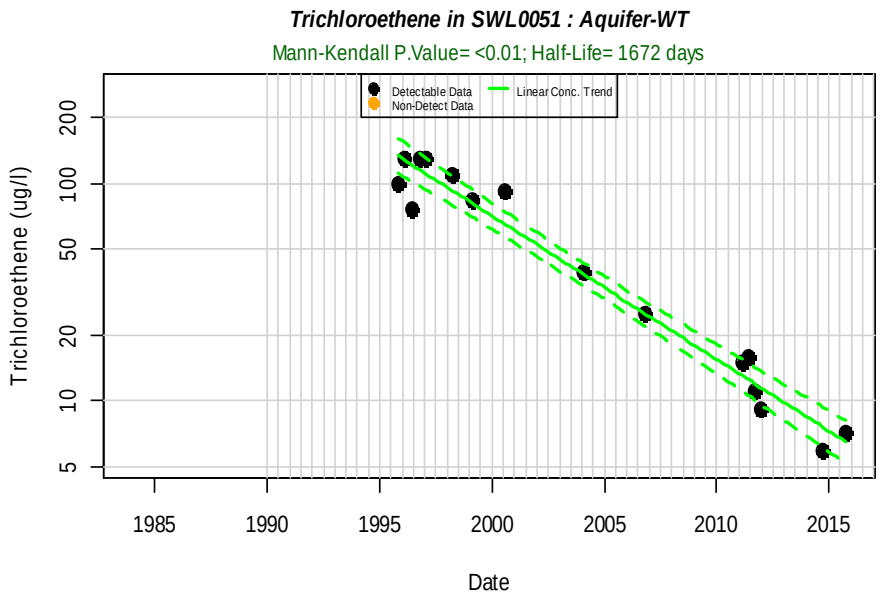

Trichloroethene in SWL0038 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

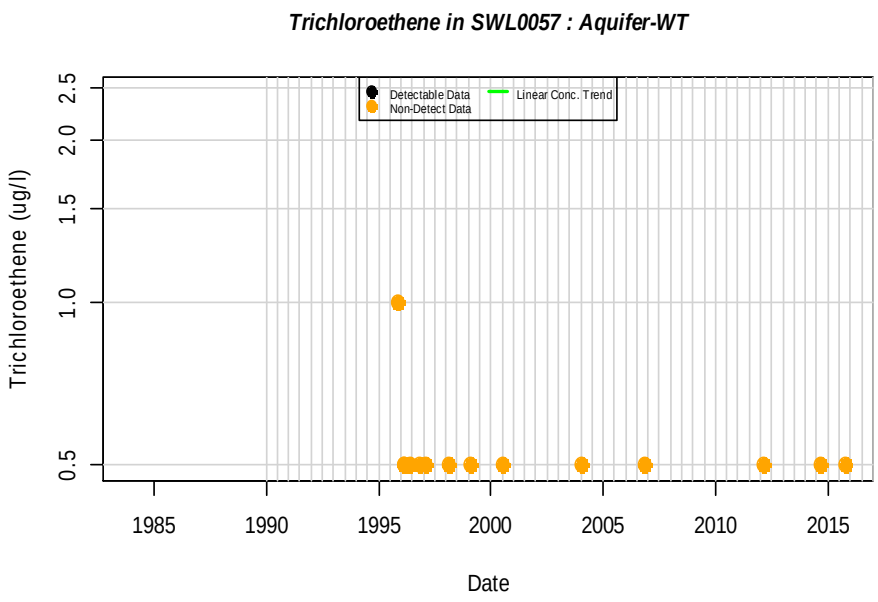

Trichloroethene in SWL0042 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
50
100
1985
1990
1995
2000
2005
2010
2015
Date

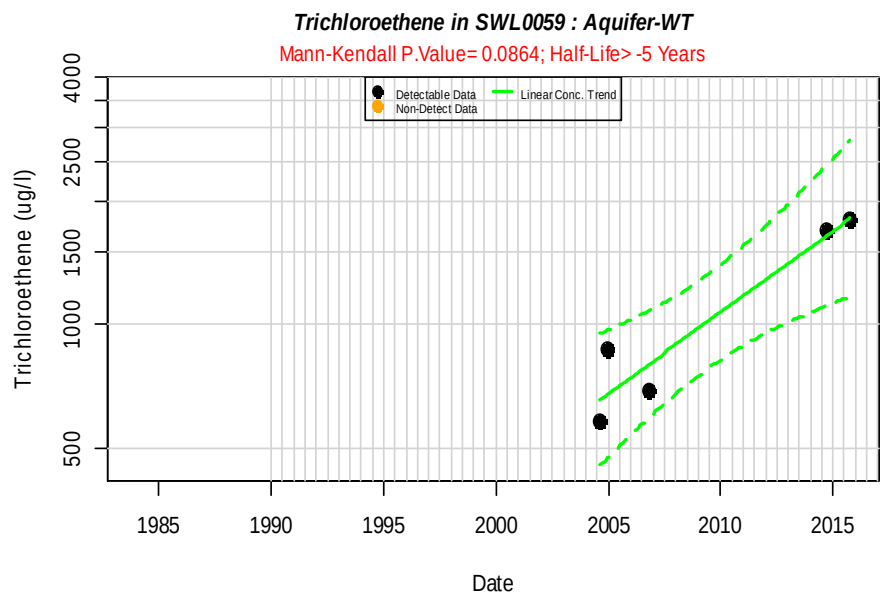

Trichloroethene in SWL0044 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1985
1990
1995
2000
2005
2010
2015
Date

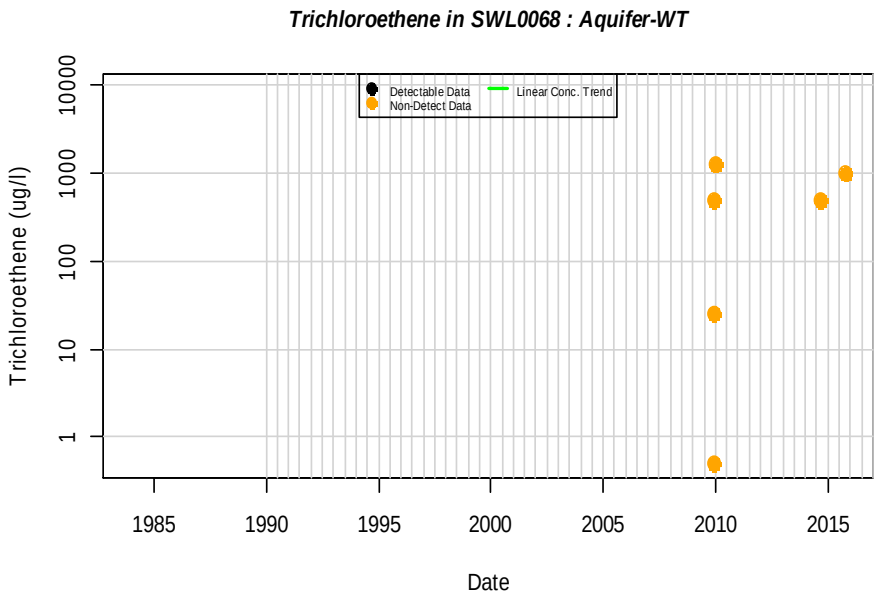

Trichloroethene in SWL0046 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

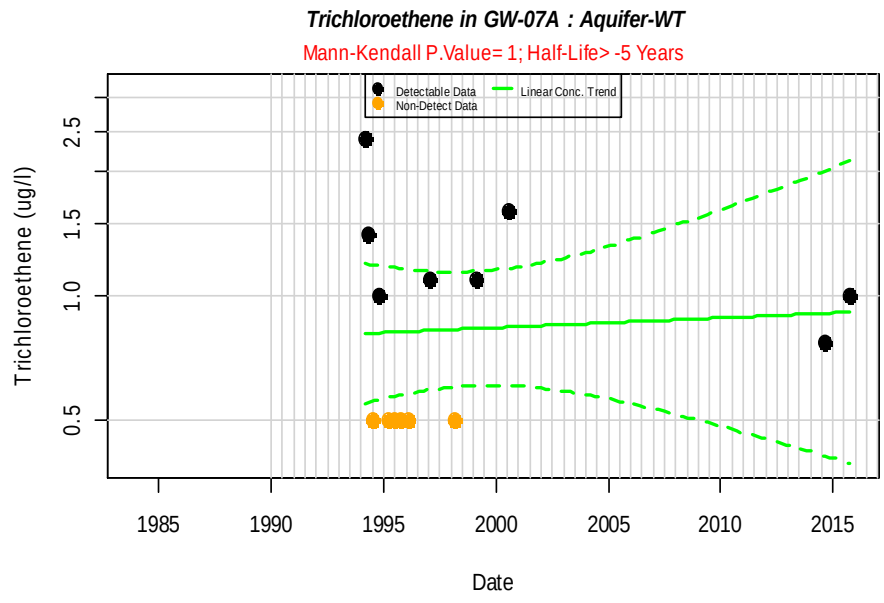

Trichloroethene in SWL0049 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
500
1985
1990
1995
2000
2005
2010
2015
Date

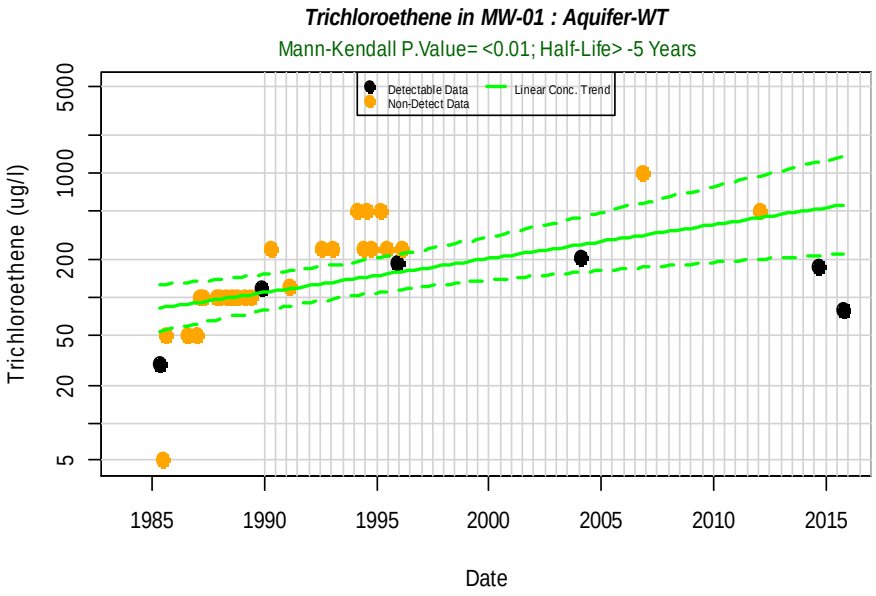

Trichloroethene in SWL0051 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1672 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
200
1985
1990
1995
2000
2005
2010
2015
Date

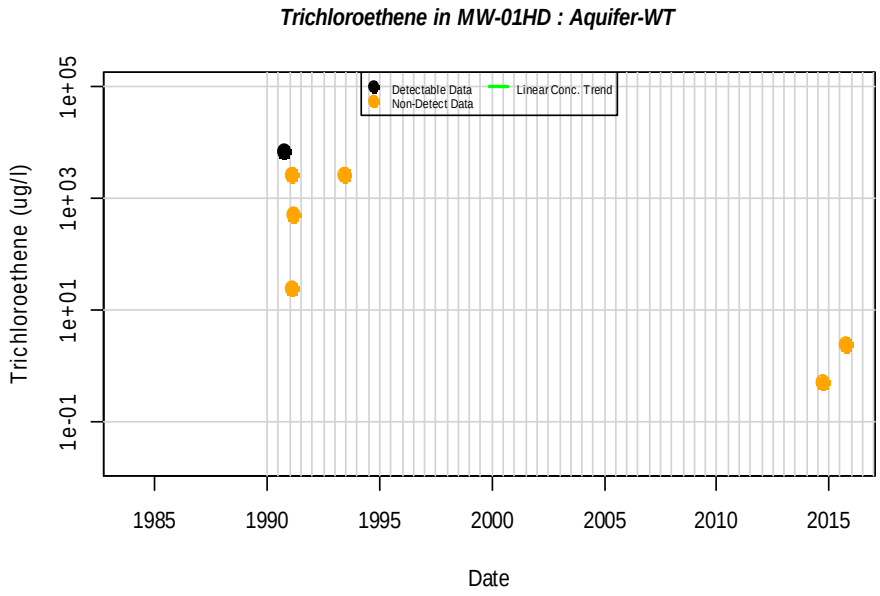

Trichloroethene in SWL0057 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
1.5
2.0
2.5
1985
1990
1995
2000
2005
2010
2015
Date

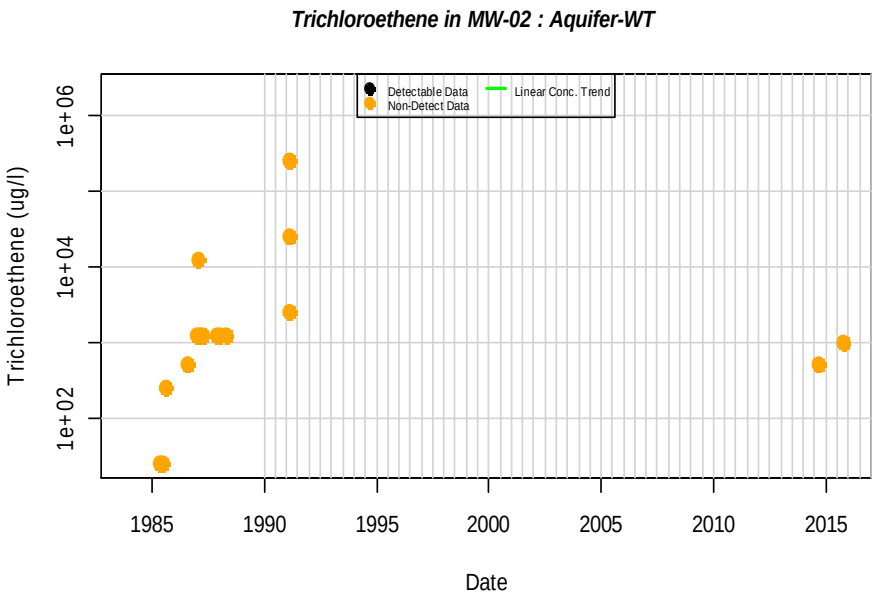

Trichloroethene in SWL0059 : Aquifer-WT
Mann-Kendall P.Value= 0.0864; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
500
1000
1500
2500
4000
1985
1990
1995
2000
2005
2010
2015
Date

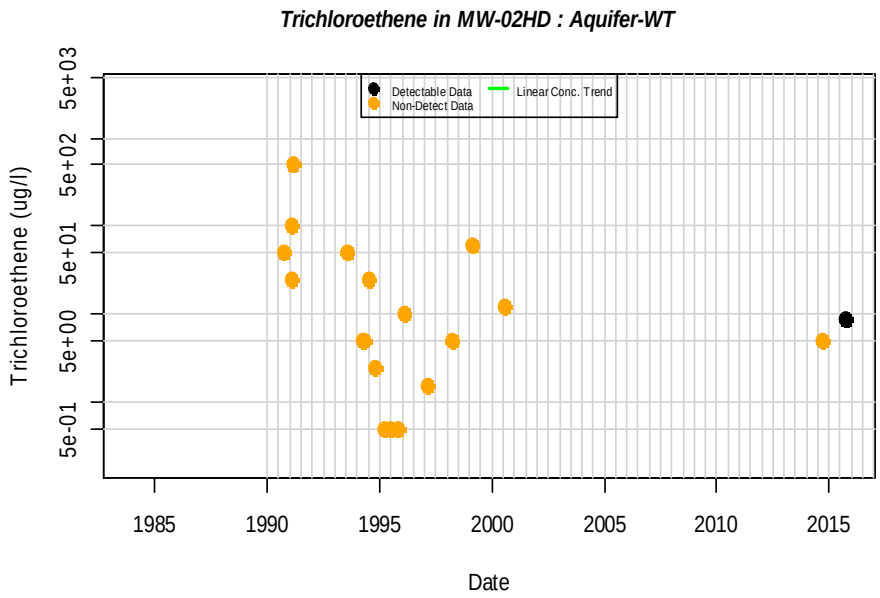

Trichloroethene in SWL0068 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1985
1990
1995
2000
2005
2010
2015
Date

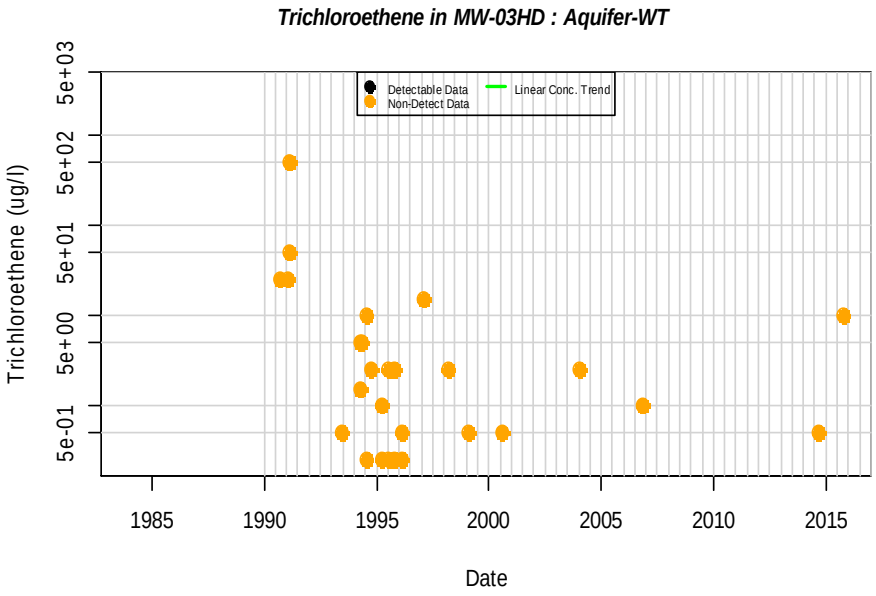

Trichloroethene in GW-07A : Aquifer-WT
Mann-Kendall P.Value= 1; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
1.5
2.5
1985
1990
1995
2000
2005
2010
2015
Date

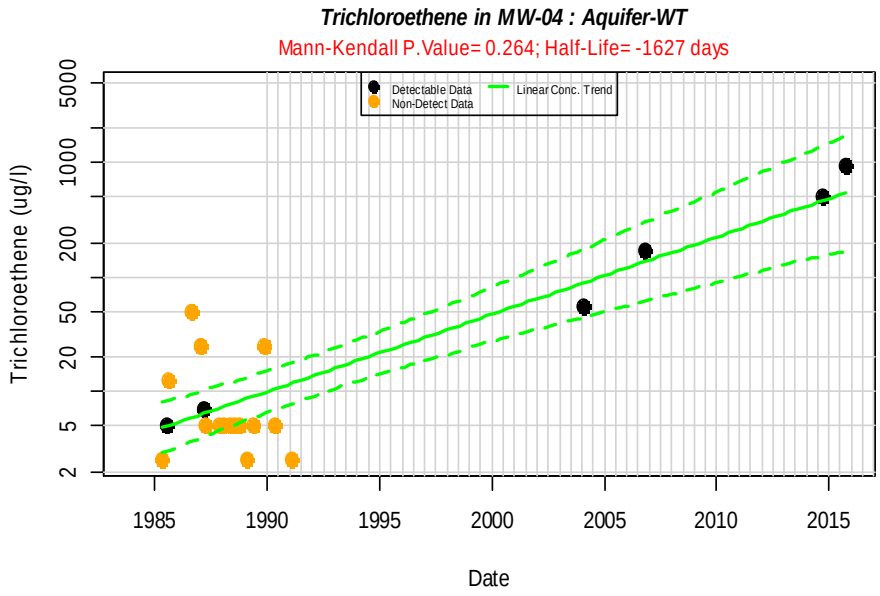

Trichloroethene in MW-01 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
20
50
200
1000
5000
1985
1990
1995
2000
2005
2010
2015
Date

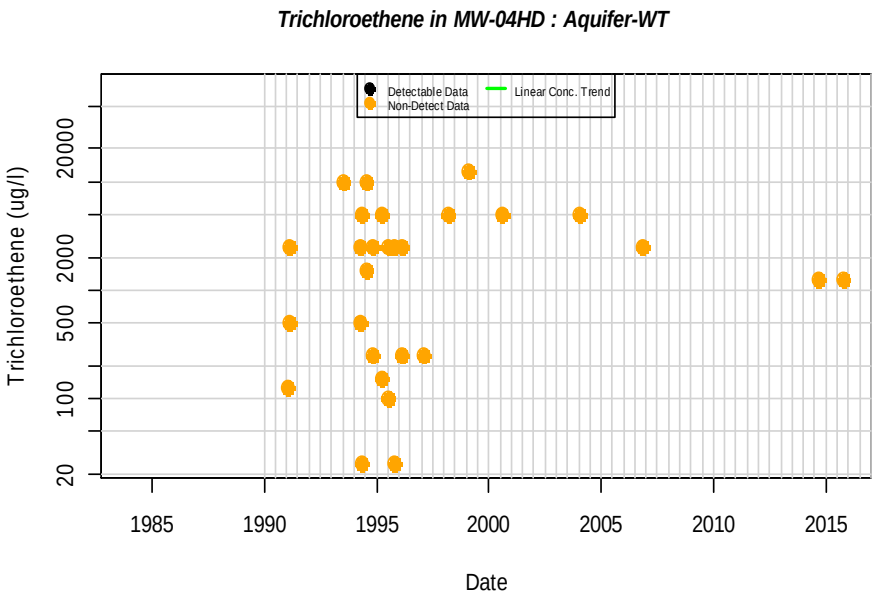

Trichloroethene in MW-01HD : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

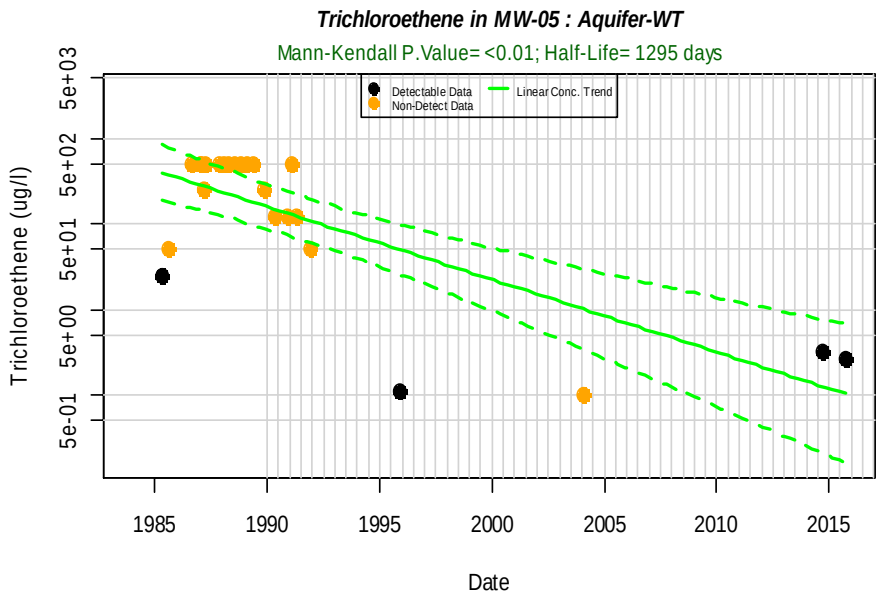

Trichloroethene in MW-02 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

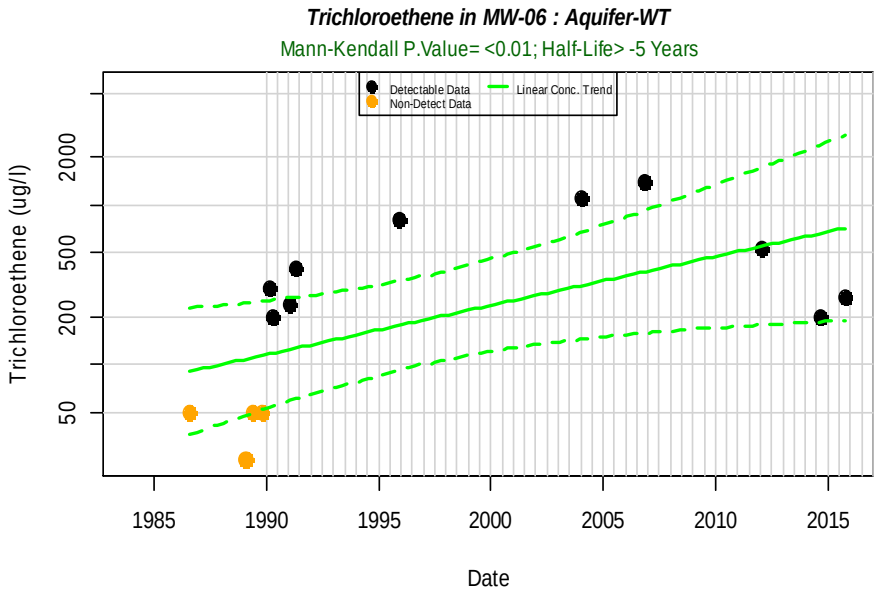

Trichloroethene in MW-02HD : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
5e+03
1985
1990
1995
2000
2005
2010
2015
Date

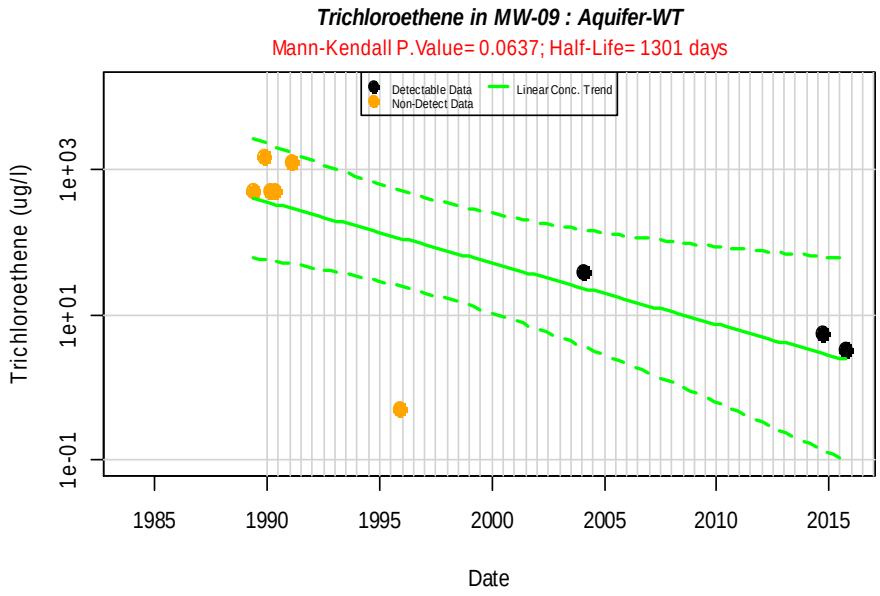

Trichloroethene in MW-03HD : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
5e+03
1985
1990
1995
2000
2005
2010
2015
Date

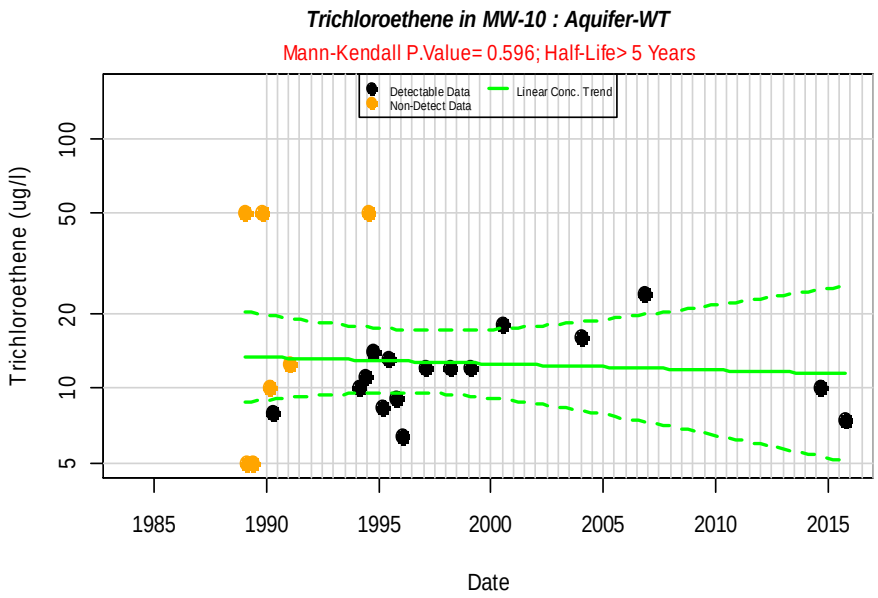

Trichloroethene in MW-04 : Aquifer-WT
Mann-Kendall P.Value= 0.264; Half-Life= -1627 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
50
200
1000
5000
1985
1990
1995
2000
2005
2010
2015
Date

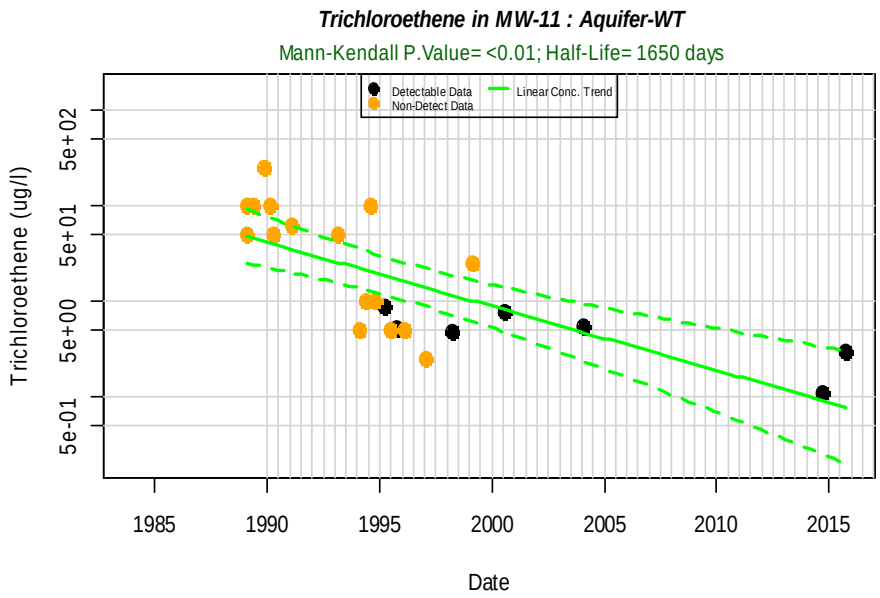

Trichloroethene in MW-04HD : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
20
100
500
2000
20000
1985
1990
1995
2000
2005
2010
2015
Date

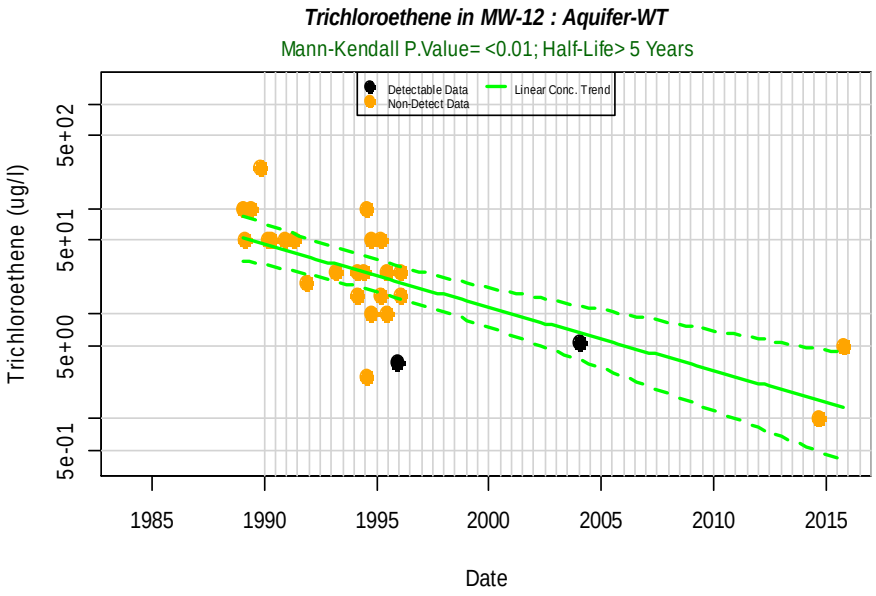

Trichloroethene in MW-05 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1295 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
5e+03
1985
1990
1995
2000
2005
2010
2015
Date

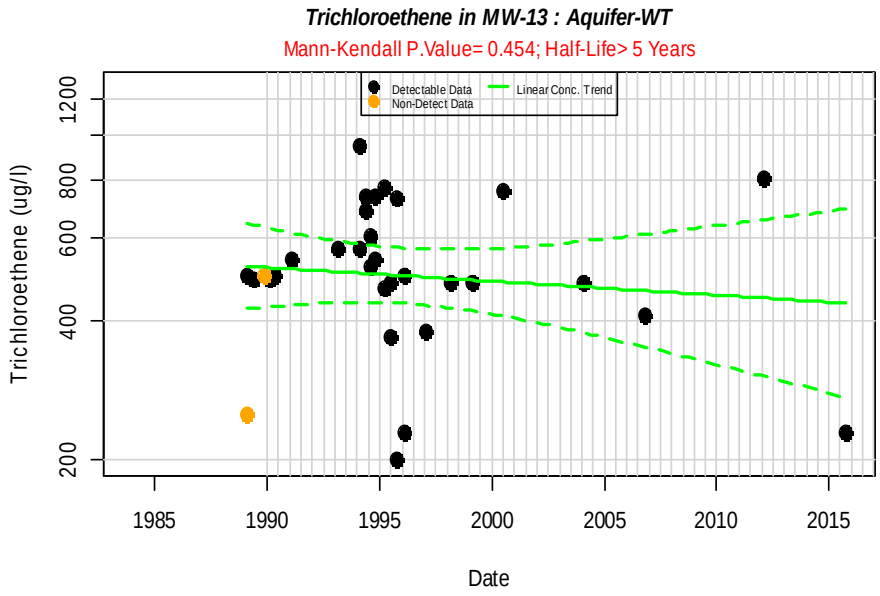

Trichloroethene in MW-06 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
50
200
500
2000
1985
1990
1995
2000
2005
2010
2015
Date

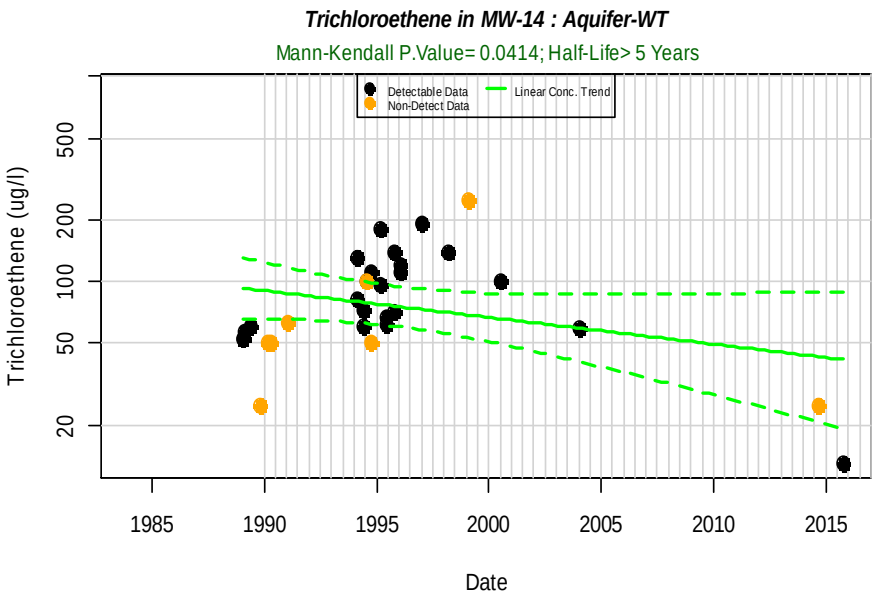

Trichloroethene in MW-09 : Aquifer-WT
Mann-Kendall P.Value= 0.0637; Half-Life= 1301 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

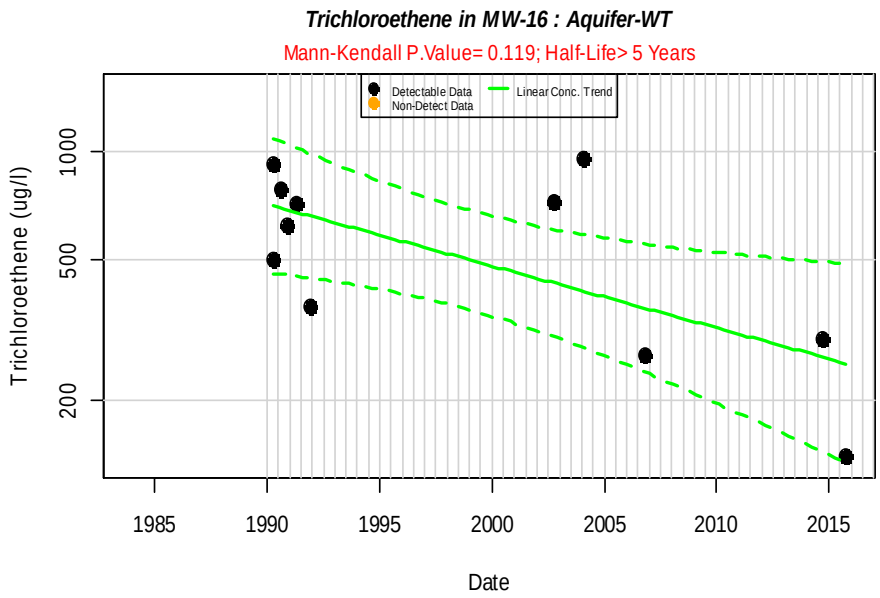

Trichloroethene in MW-10 : Aquifer-WT
Mann-Kendall P.Value= 0.596; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
1985
1990
1995
2000
2005
2010
2015
Date

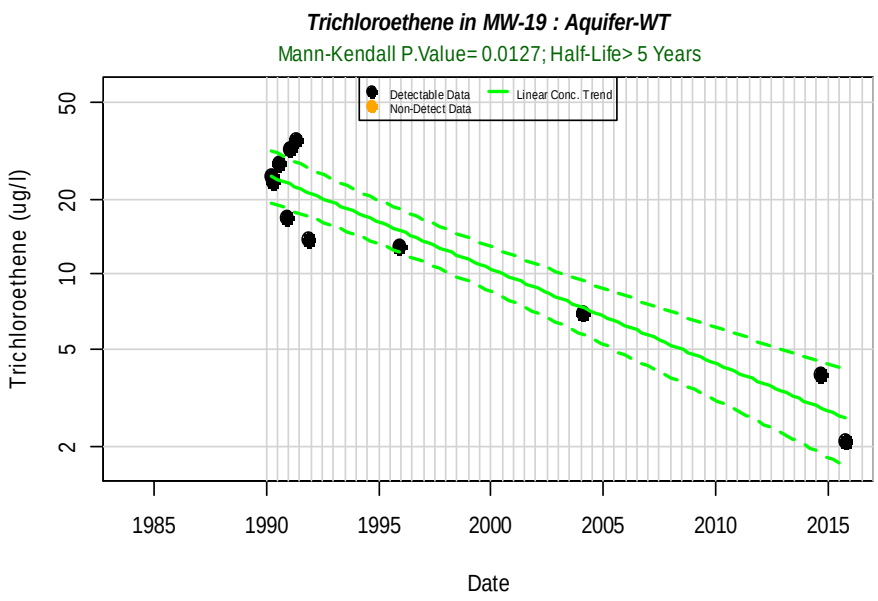

Trichloroethene in MW-11 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1650 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

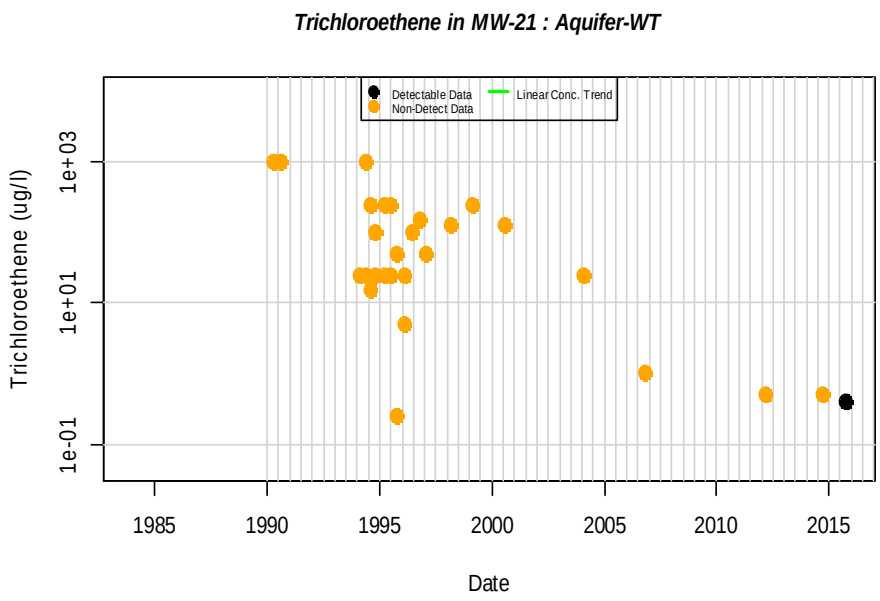

Trichloroethene in MW-12 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

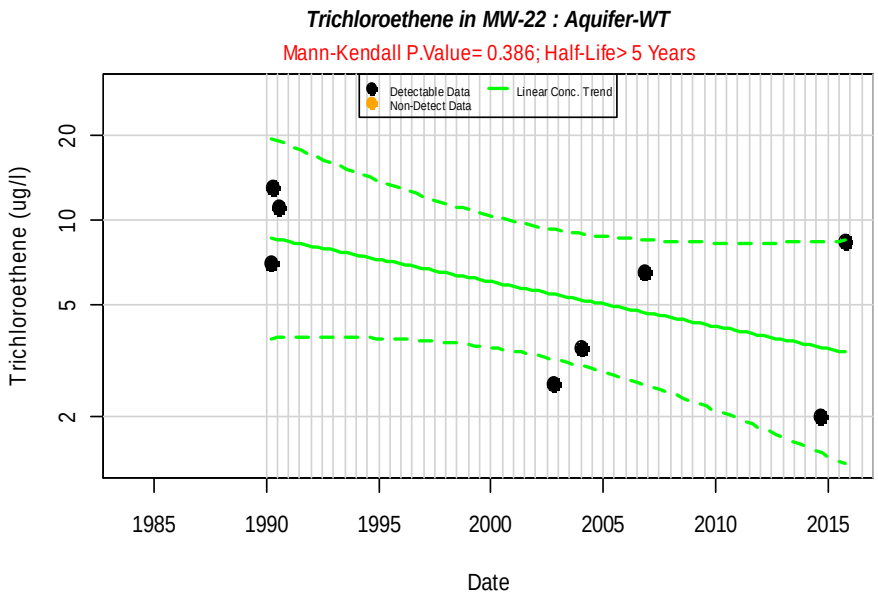

Trichloroethene in MW-13 : Aquifer-WT
Mann-Kendall P.Value= 0.454; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
400
600
800
1200
1985
1990
1995
2000
2005
2010
2015
Date

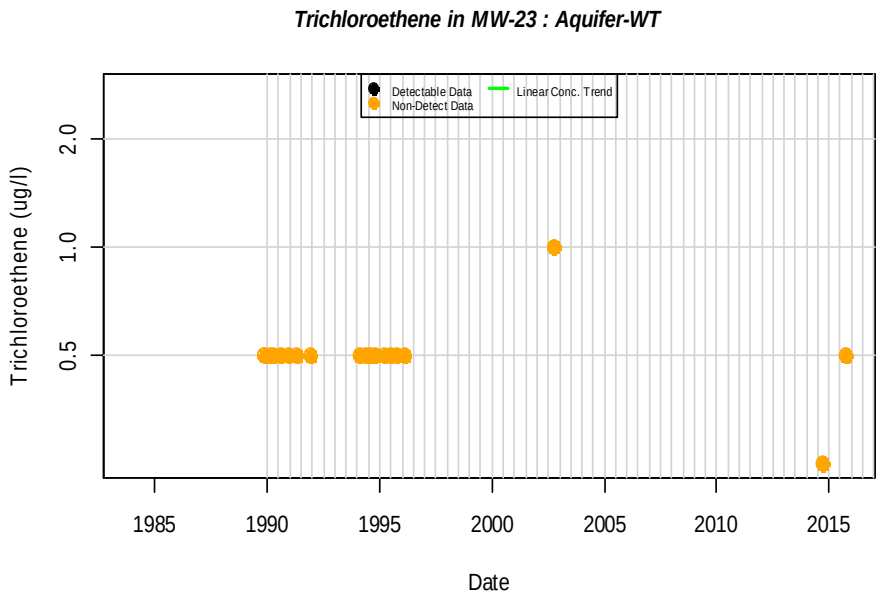

Trichloroethene in MW-14 : Aquifer-WT
Mann-Kendall P.Value= 0.0414; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
20
50
100
200
500
1985
1990
1995
2000
2005
2010
2015
Date

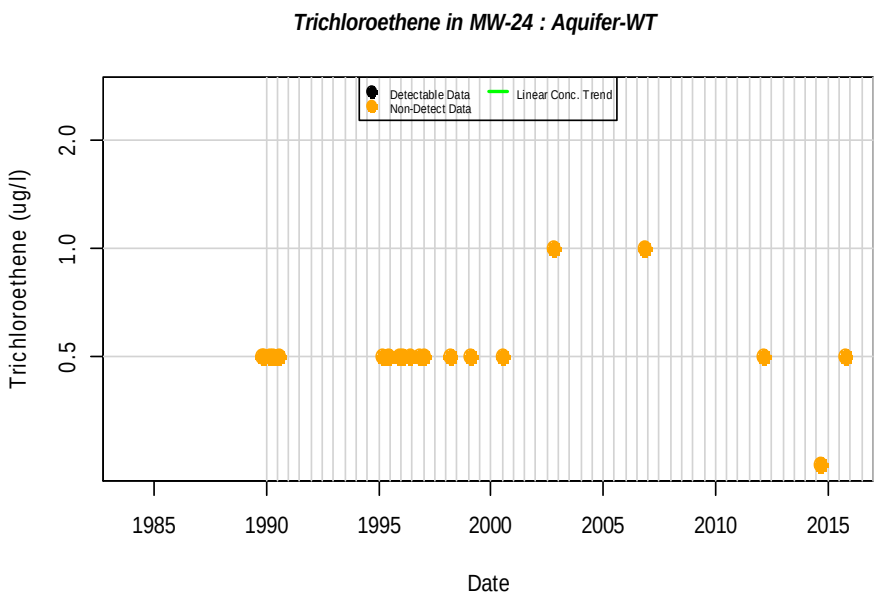

Trichloroethene in MW-16 : Aquifer-WT
Mann-Kendall P.Value= 0.119; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
500
1000
1985
1990
1995
2000
2005
2010
2015
Date

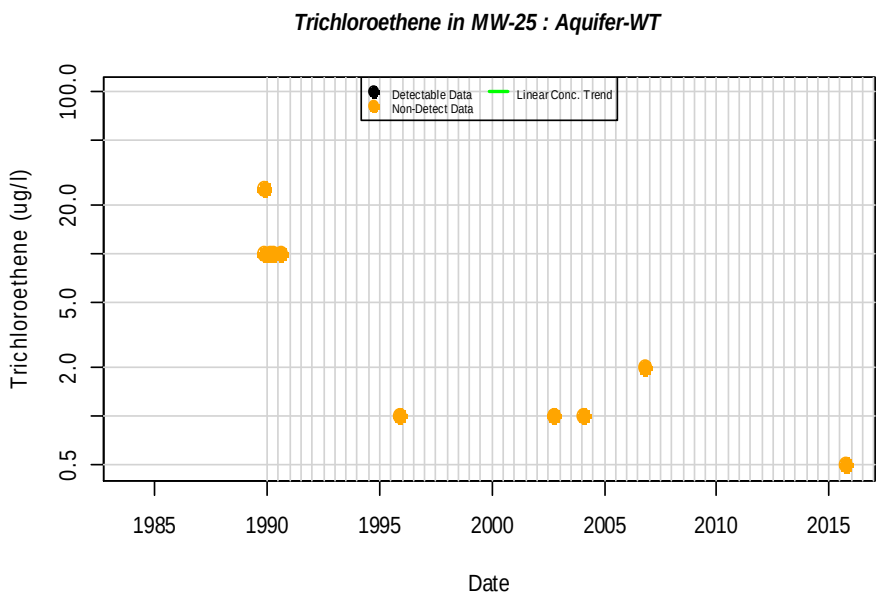

Trichloroethene in MW-19 : Aquifer-WT
Mann-Kendall P.Value= 0.0127; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
50
1985
1990
1995
2000
2005
2010
2015
Date

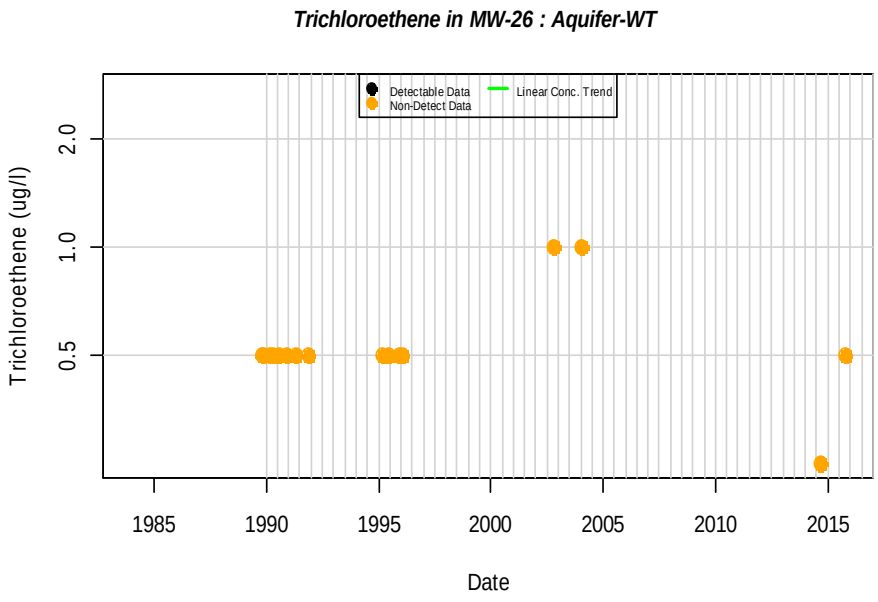

Trichloroethene in MW-21 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

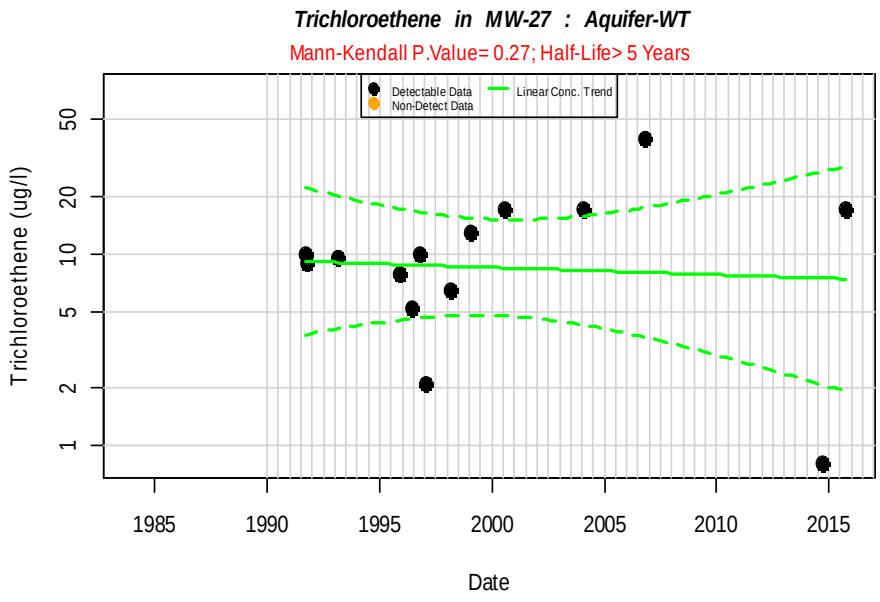

Trichloroethene in MW-22 : Aquifer-WT
Mann-Kendall P.Value= 0.386; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
1985
1990
1995
2000
2005
2010
2015
Date

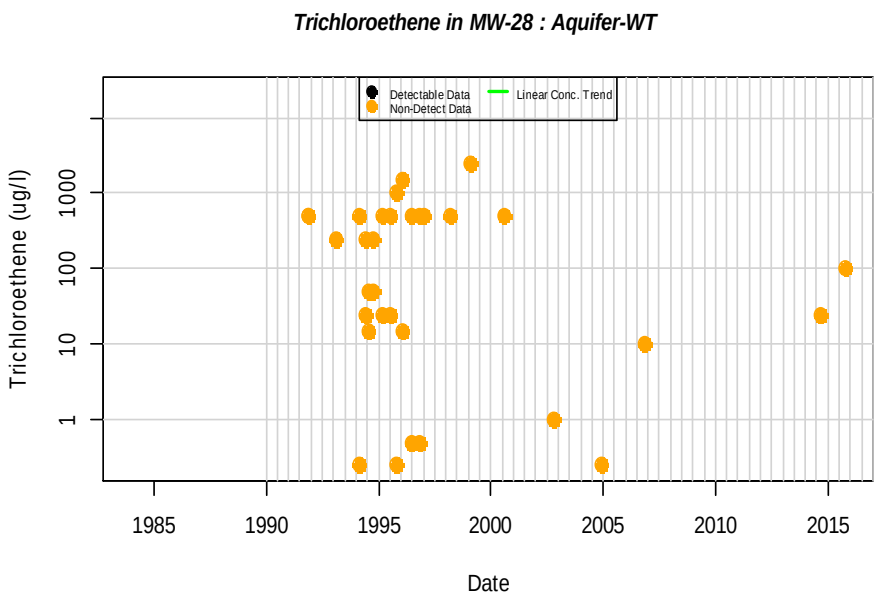

Trichloroethene in MW-23 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

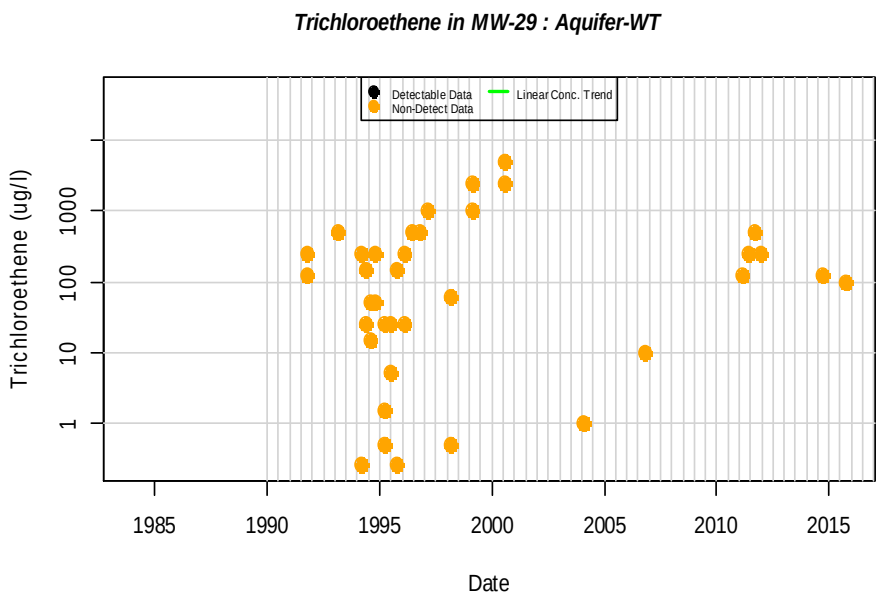

Trichloroethene in MW-24 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

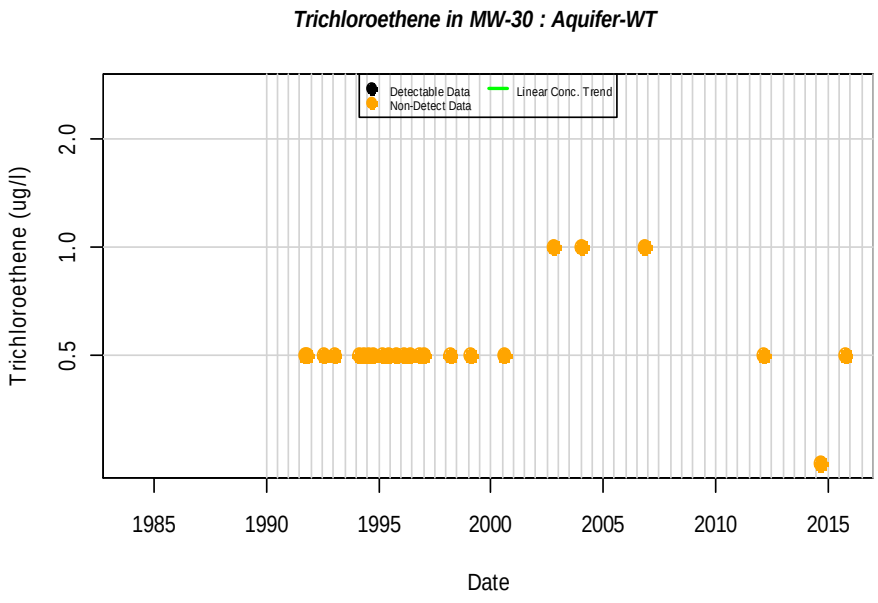

Trichloroethene in MW-25 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

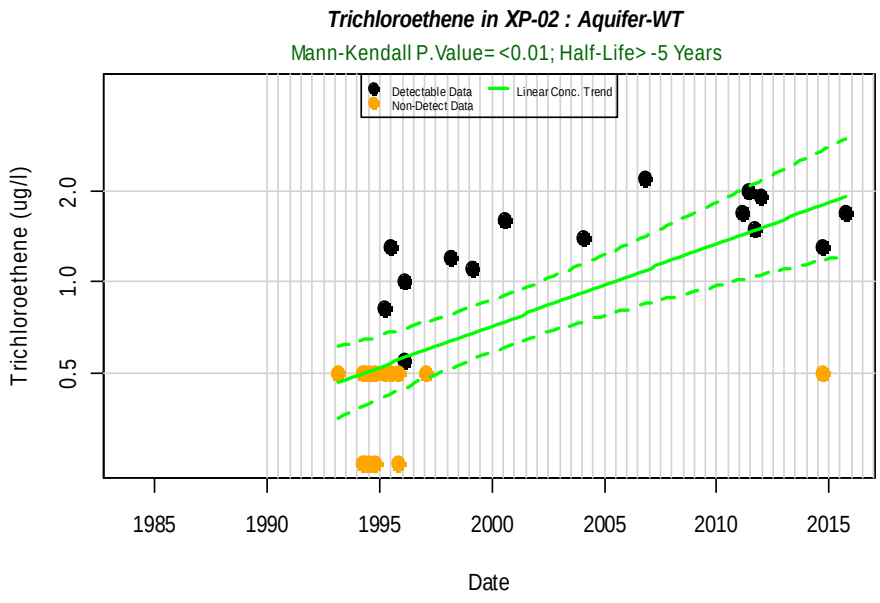

Trichloroethene in MW-26 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

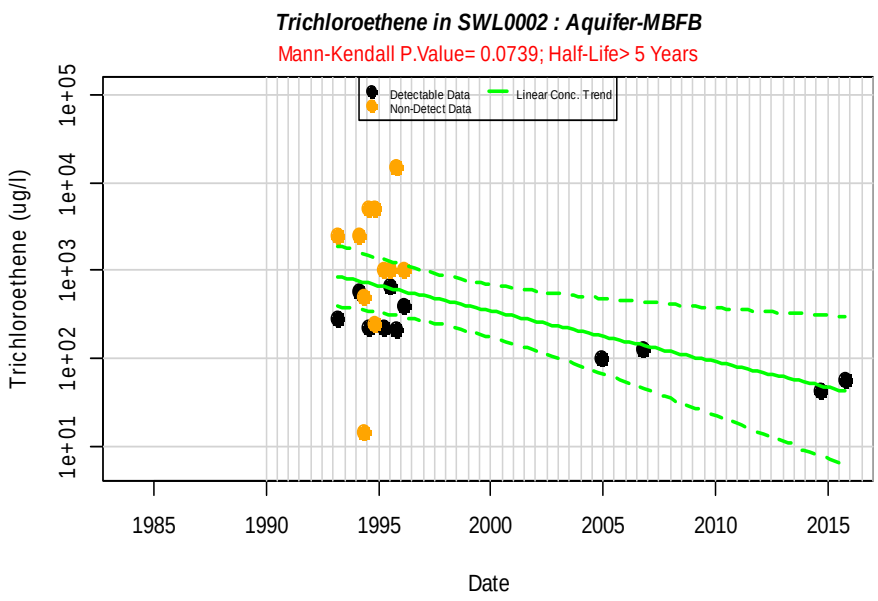

Trichloroethene in MW-27 : Aquifer-WT
Mann-Kendall P.Value= 0.27; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
20
50
1985
1990
1995
2000
2005
2010
2015
Date

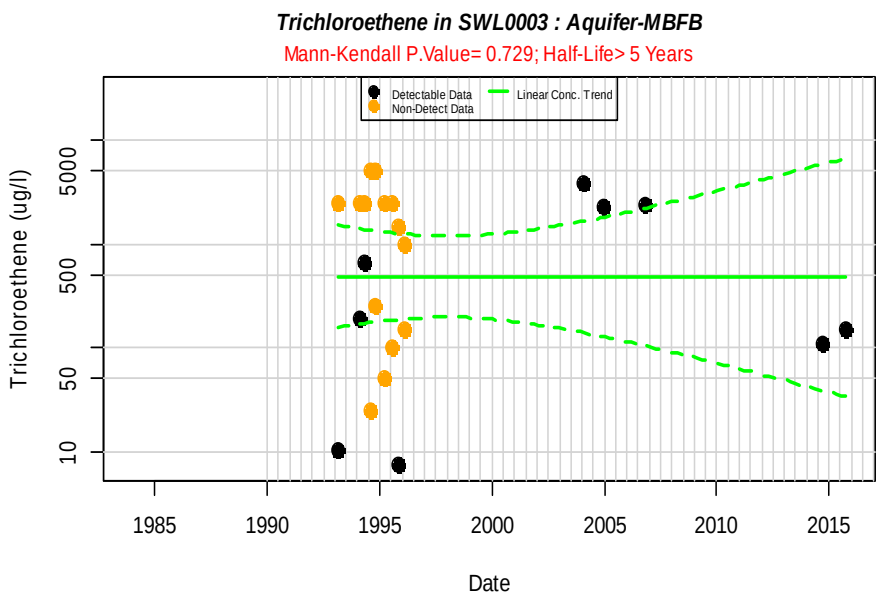

Trichloroethene in MW-28 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

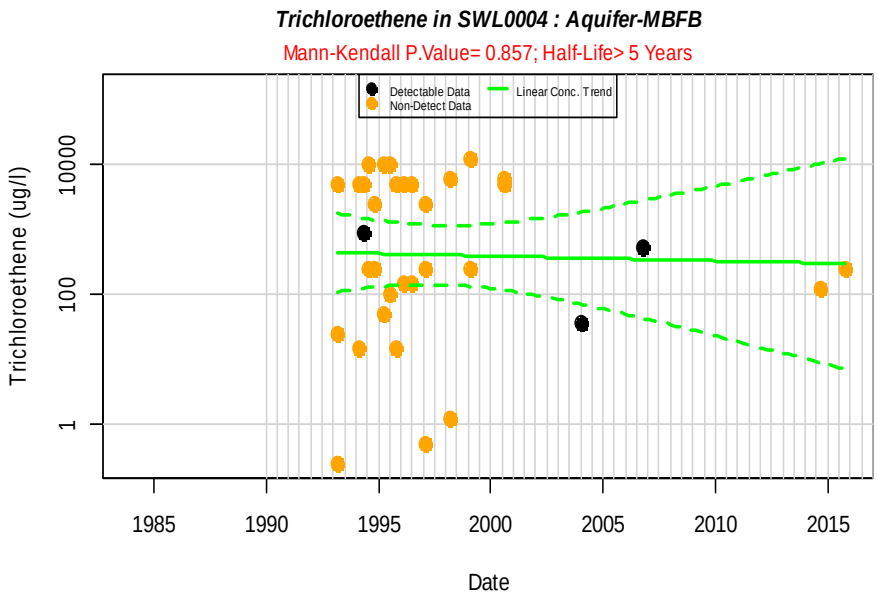

Trichloroethene in MW-29 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

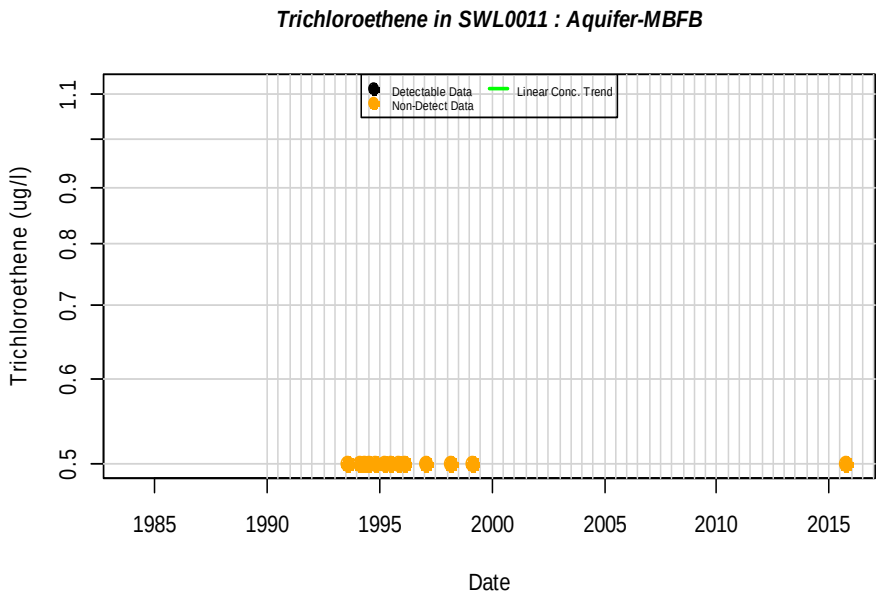

Trichloroethene in MW-30 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

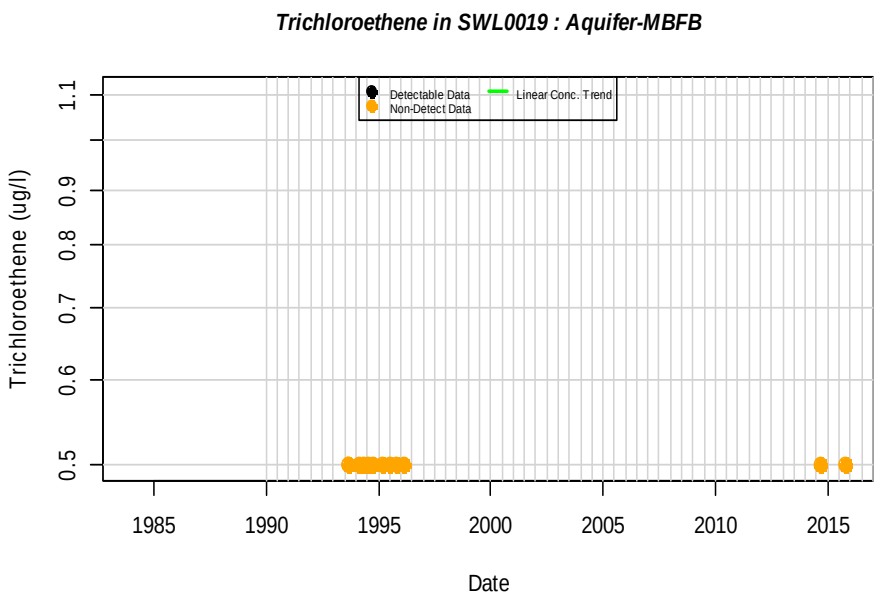

Trichloroethene in XP-02 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

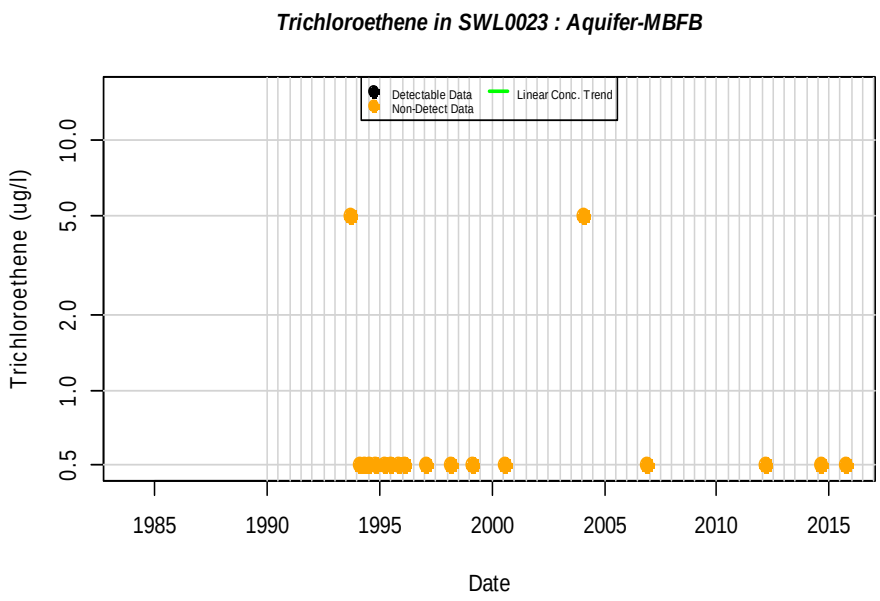

Trichloroethene in SWL0002 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0739; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+01
1e+02
1e+03
1e+04
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

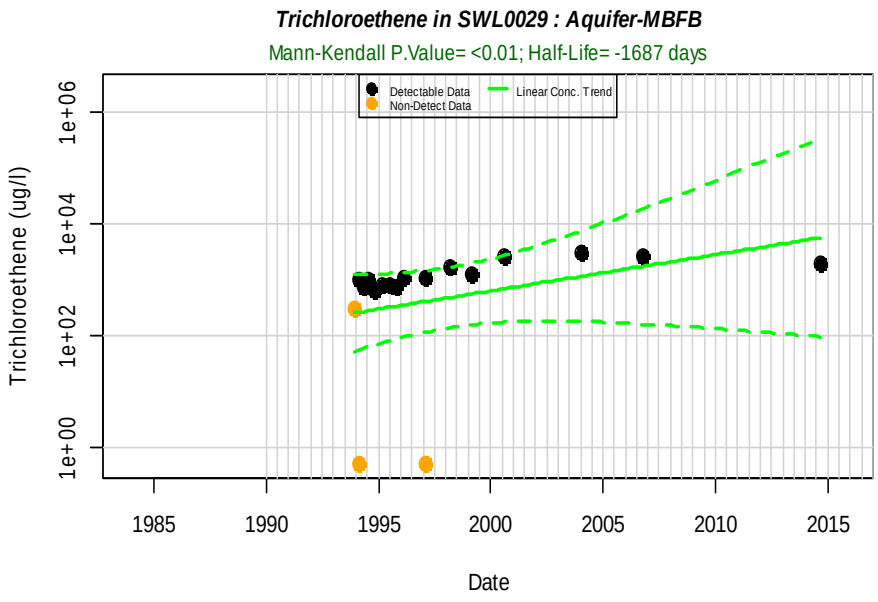

Trichloroethene in SWL0003 : Aquifer-MBFB
Mann-Kendall P.Value= 0.729; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
10
50
500
5000
1985
1990
1995
2000
2005
2010
2015
Date

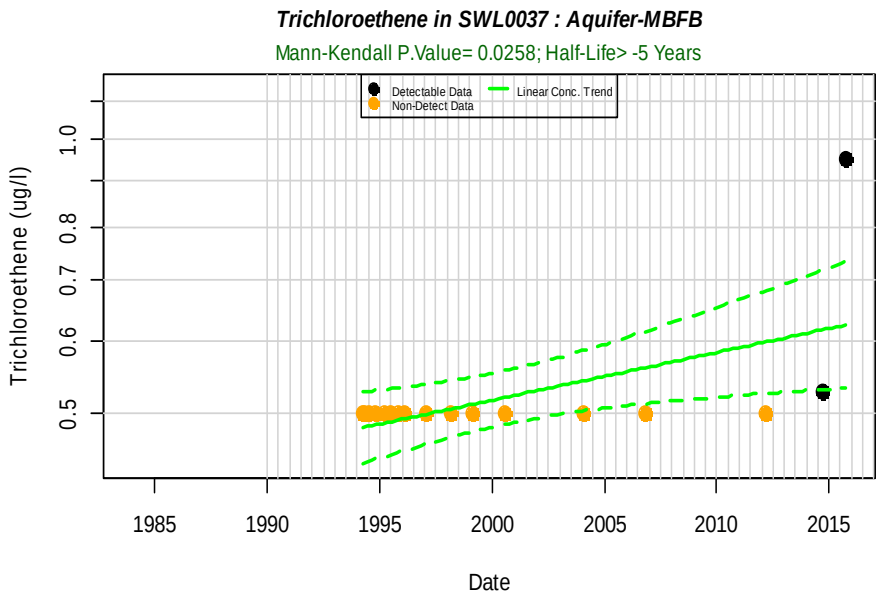

Trichloroethene in SWL0004 : Aquifer-MBFB
Mann-Kendall P.Value= 0.857; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
100
10000
1985
1990
1995
2000
2005
2010
2015
Date

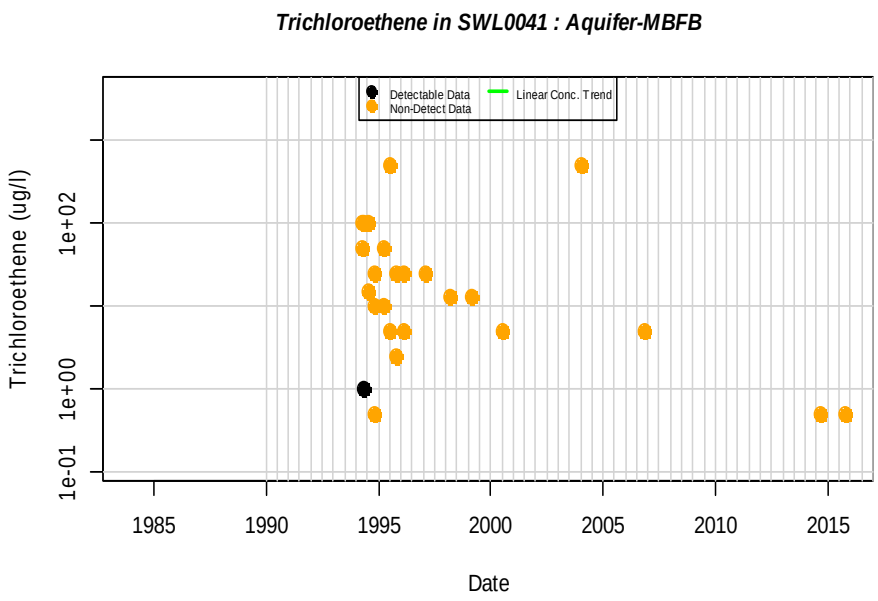

Trichloroethene in SWL0011 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

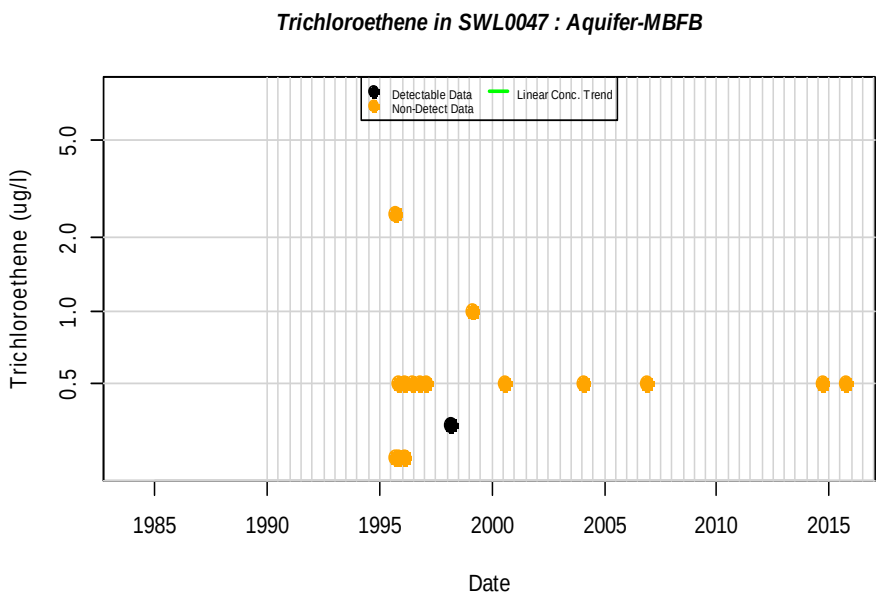

Trichloroethene in SWL0019 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

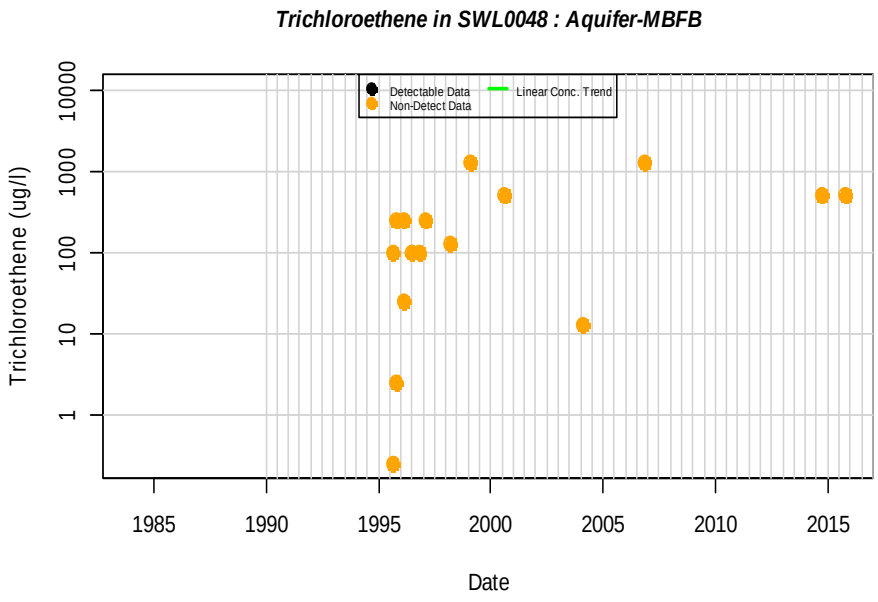

Trichloroethene in SWL0023 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1985
1990
1995
2000
2005
2010
2015
Date

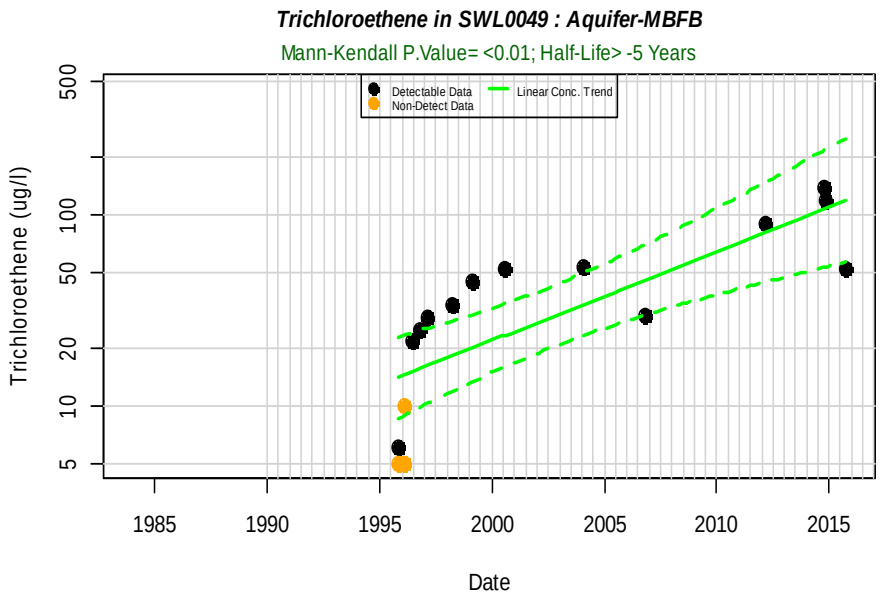

Trichloroethene in SWL0029 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= -1687 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

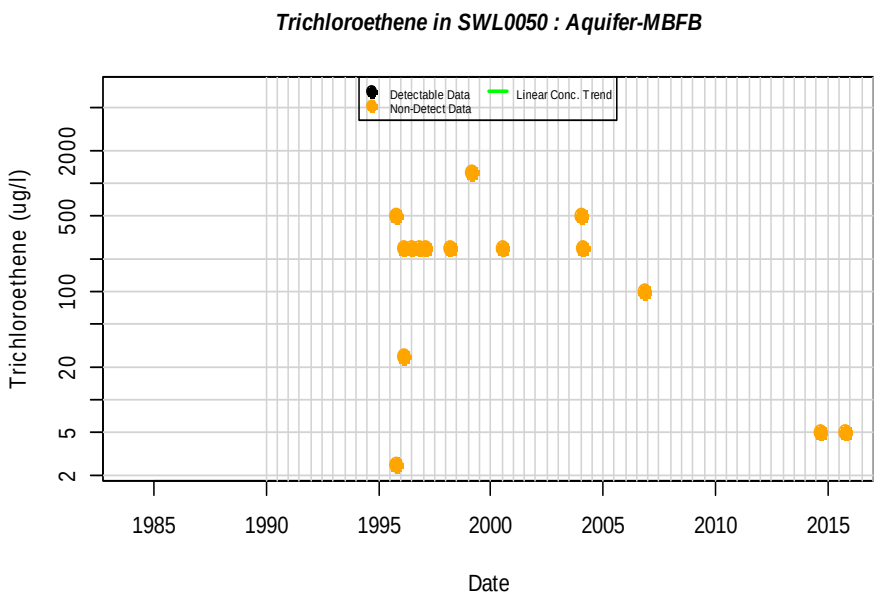

Trichloroethene in SWL0037 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0258; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

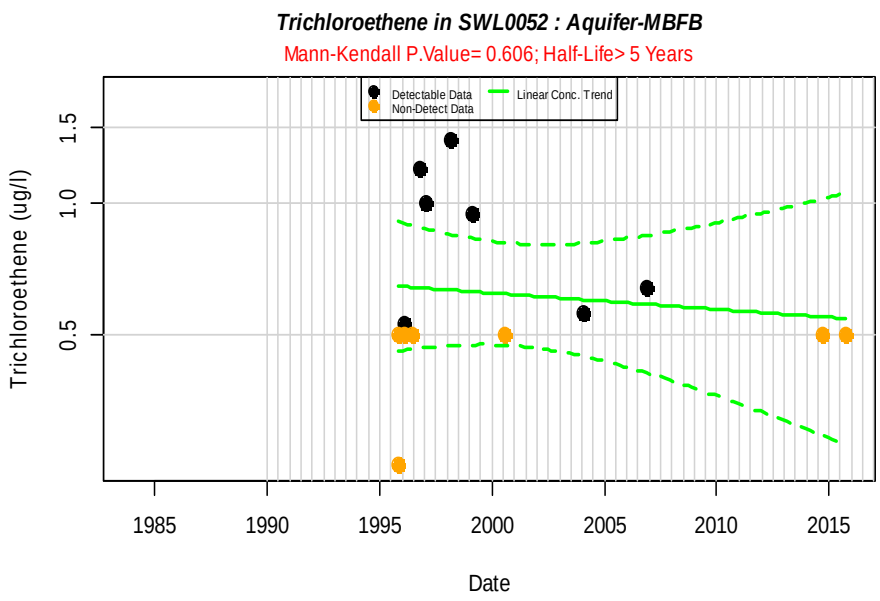

Trichloroethene in SWL0041 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+00
1e+02
1985
1990
1995
2000
2005
2010
2015
Date

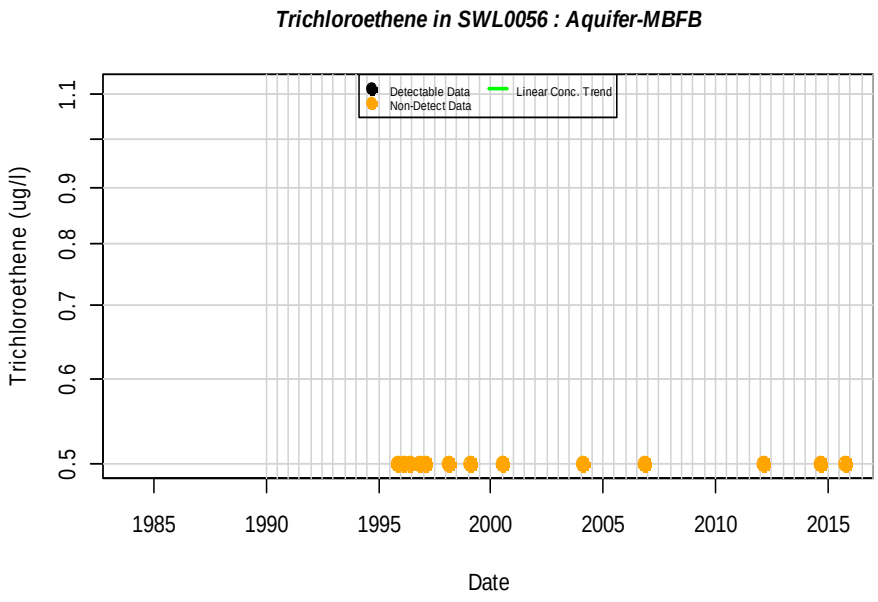

Trichloroethene in SWL0047 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

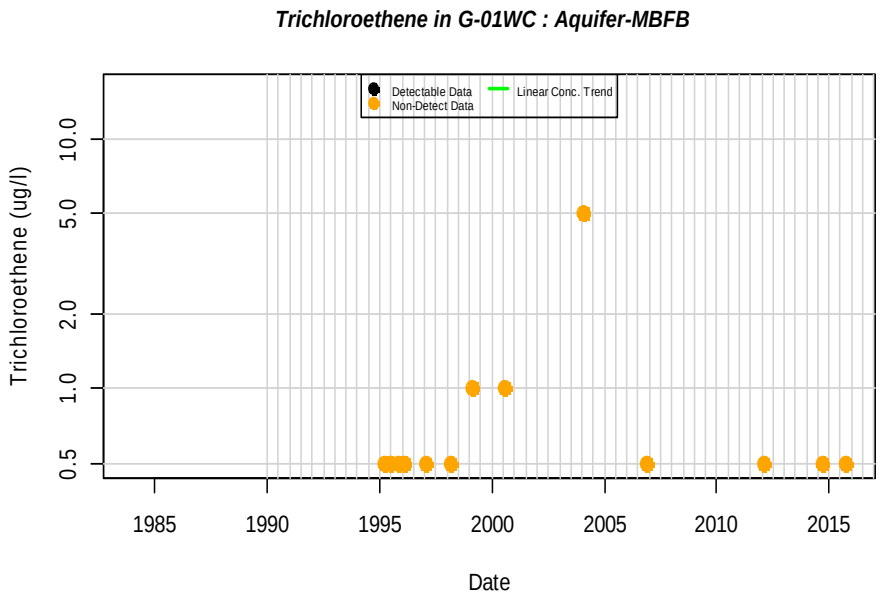

Trichloroethene in SWL0048 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1985
1990
1995
2000
2005
2010
2015
Date

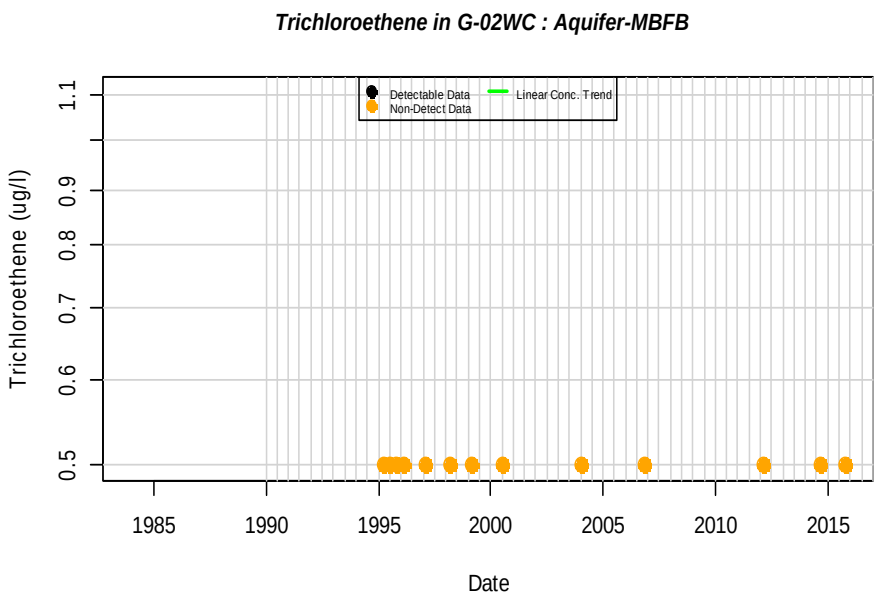

Trichloroethene in SWL0049 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
500
1985
1990
1995
2000
2005
2010
2015
Date

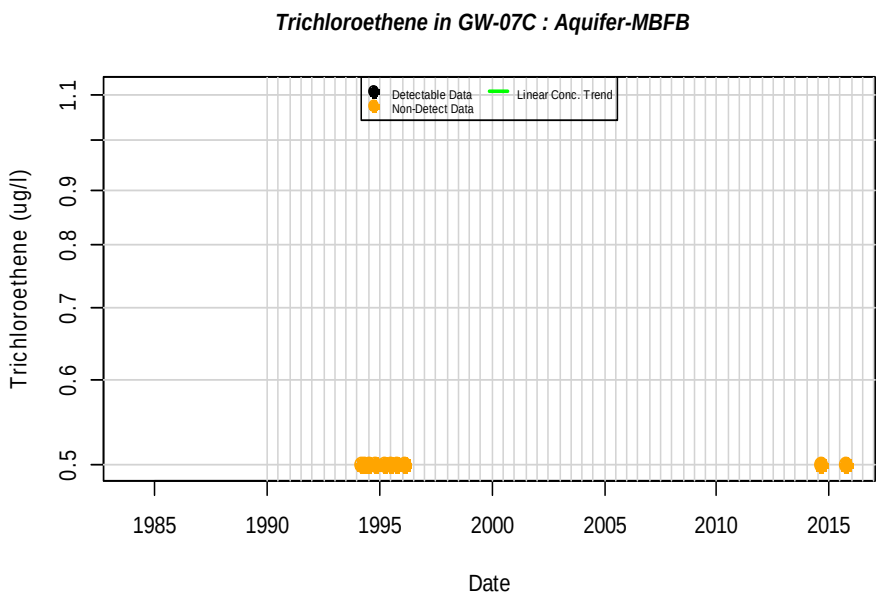

Trichloroethene in SWL0050 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
100
500
2000
1985
1990
1995
2000
2005
2010
2015
Date

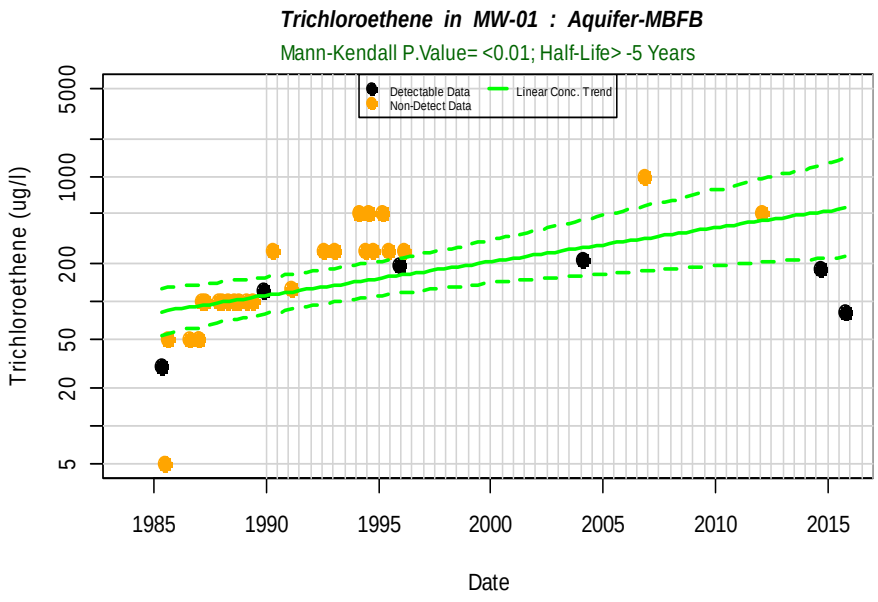

Trichloroethene in SWL0052 : Aquifer-MBFB
Mann-Kendall P.Value= 0.606; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
1.5
1985
1990
1995
2000
2005
2010
2015
Date

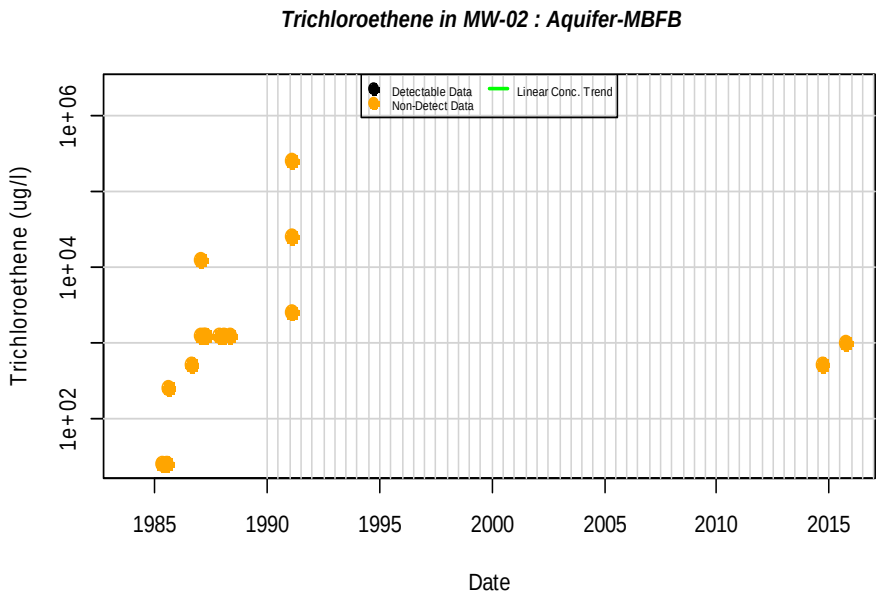

Trichloroethene in SWL0056 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

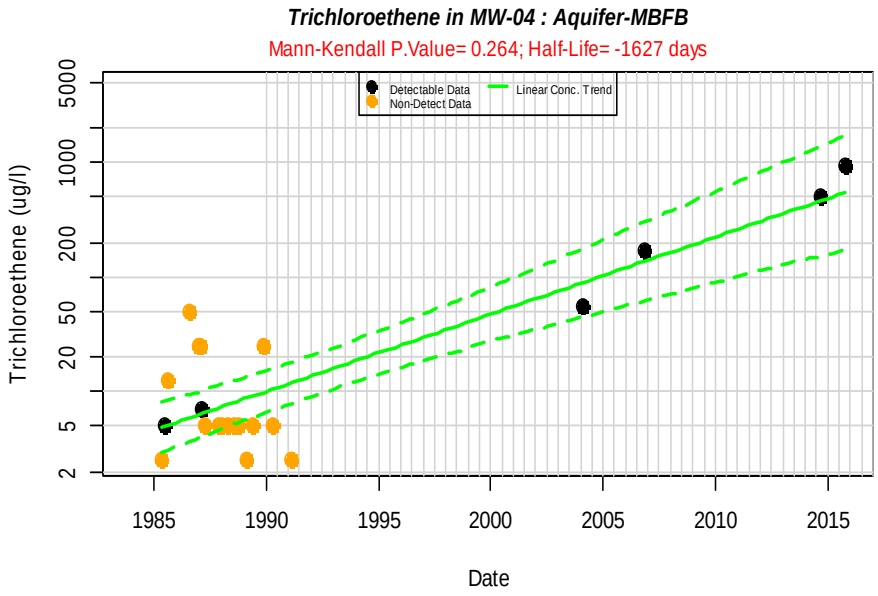

Trichloroethene in G-01WC : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1985
1990
1995
2000
2005
2010
2015
Date

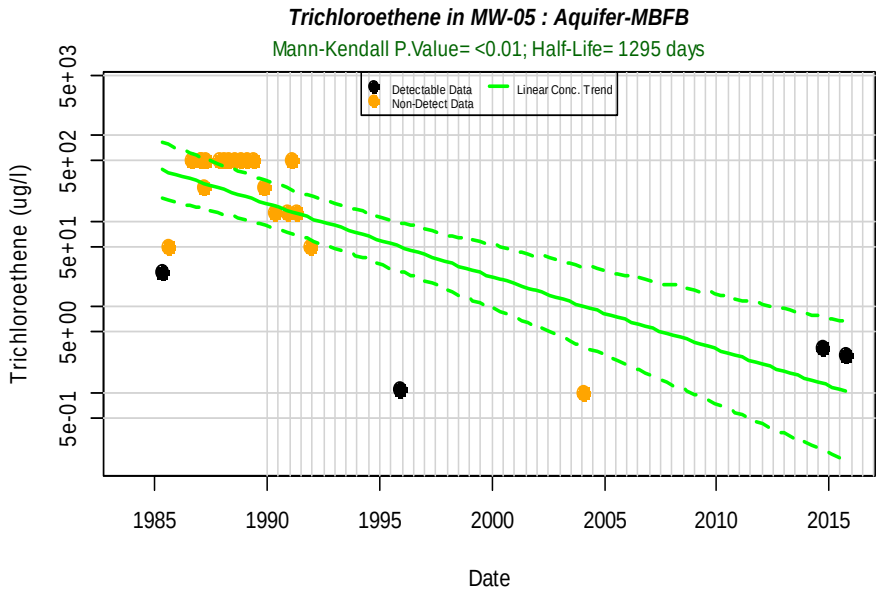

Trichloroethene in G-02WC : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

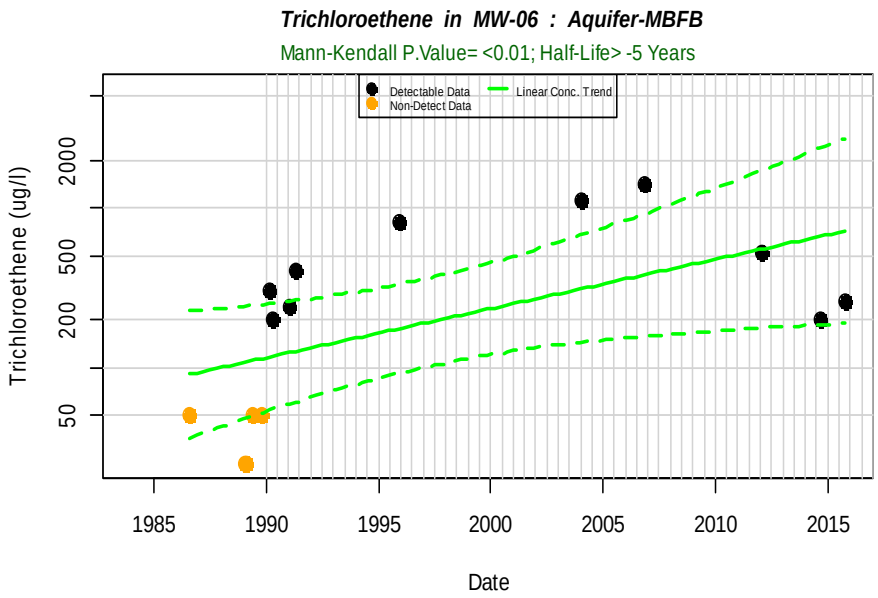

Trichloroethene in GW-07C : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

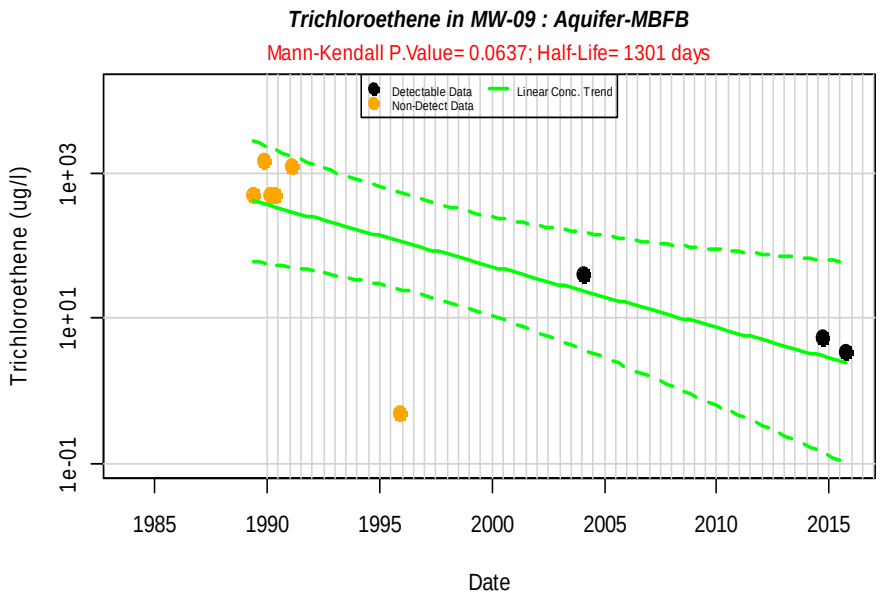

Trichloroethene in MW-01 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
20
50
200
1000
5000
1985
1990
1995
2000
2005
2010
2015
Date

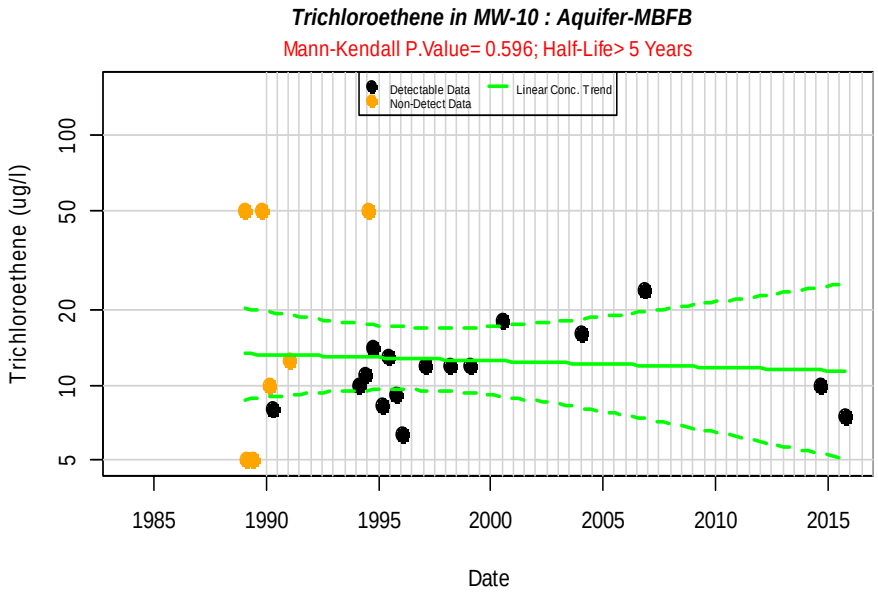

Trichloroethene in MW-02 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

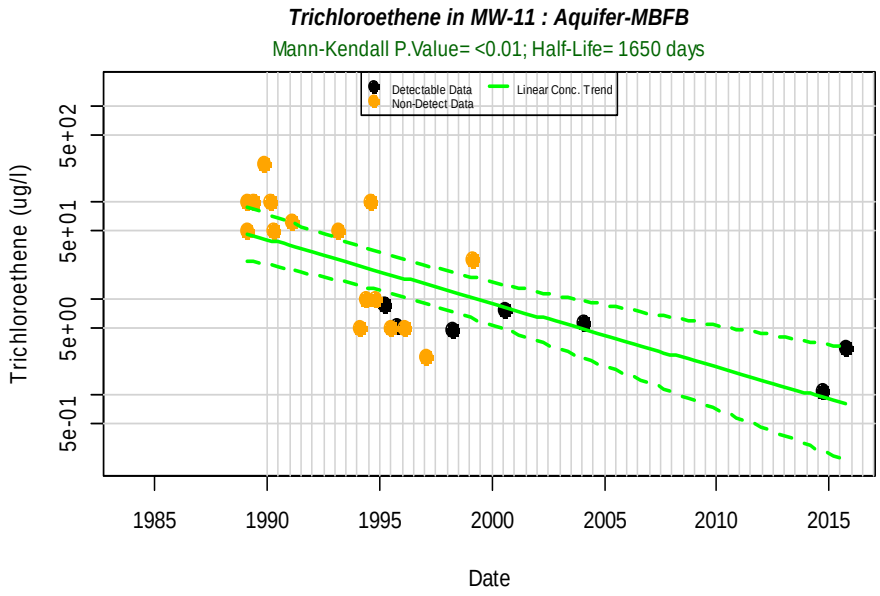

Trichloroethene in MW-04 : Aquifer-MBFB
Mann-Kendall P.Value= 0.264; Half-Life= -1627 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
50
200
1000
5000
1985
1990
1995
2000
2005
2010
2015
Date

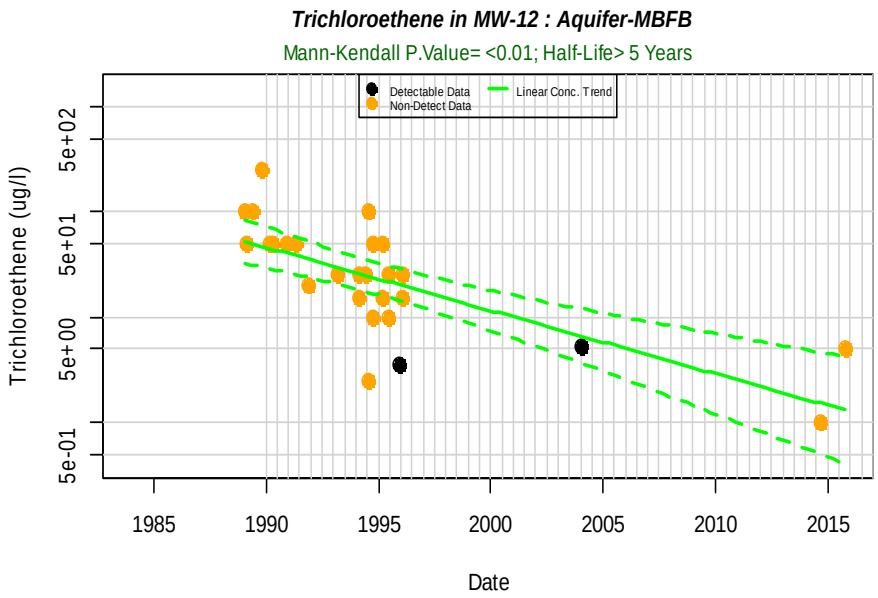

Trichloroethene in MW-05 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 1295 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
5e+03
1985
1990
1995
2000
2005
2010
2015
Date

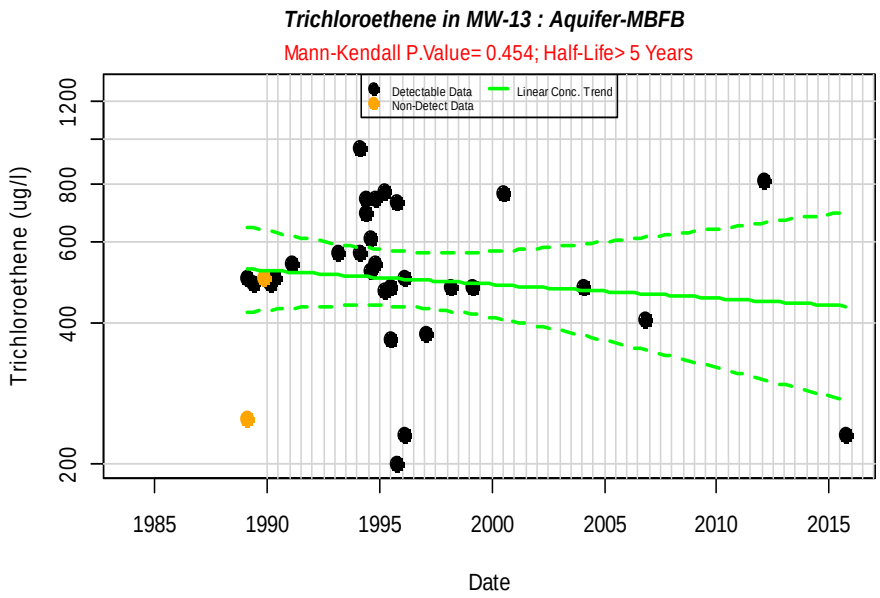

Trichloroethene in MW-06 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
50
200
500
2000
1985
1990
1995
2000
2005
2010
2015
Date

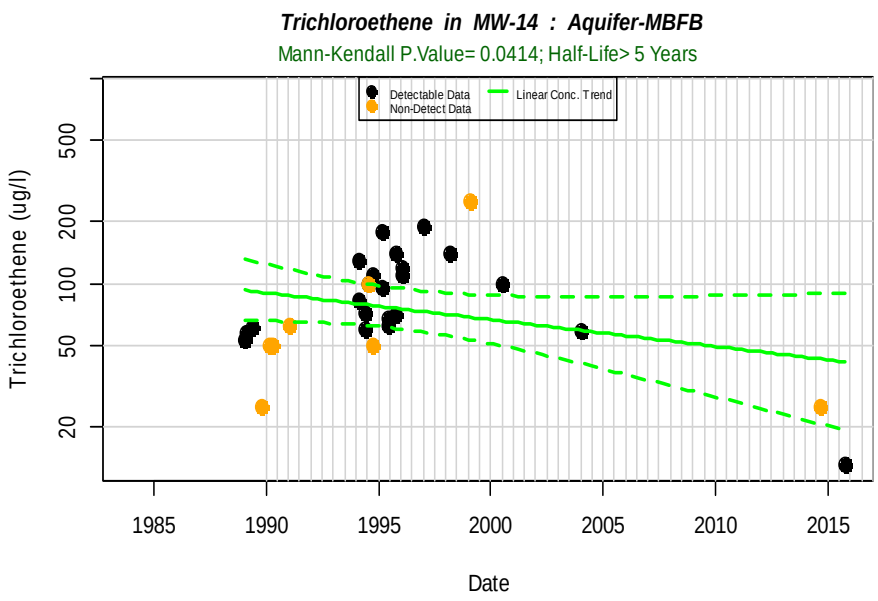

Trichloroethene in MW-09 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0637; Half-Life= 1301 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

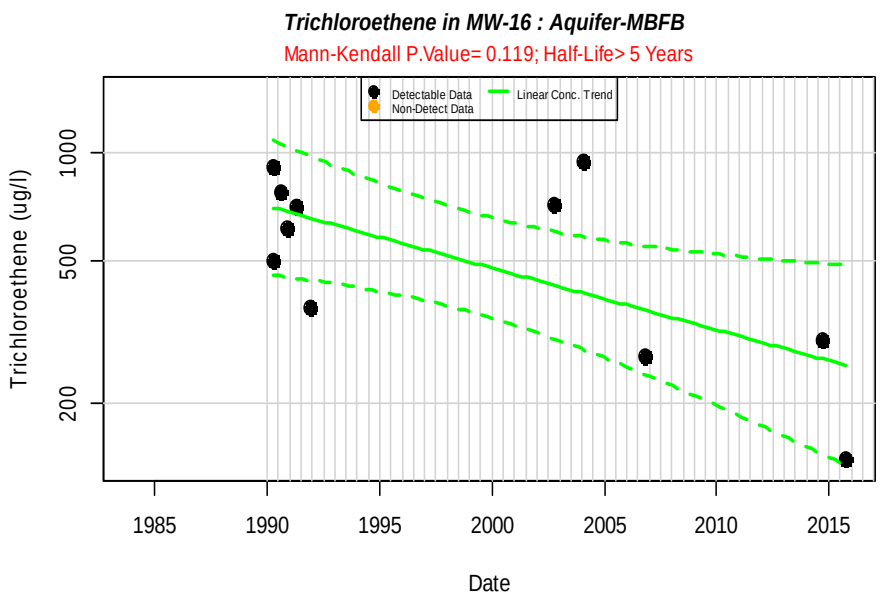

Trichloroethene in MW-10 : Aquifer-MBFB
Mann-Kendall P.Value= 0.596; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
1985
1990
1995
2000
2005
2010
2015
Date

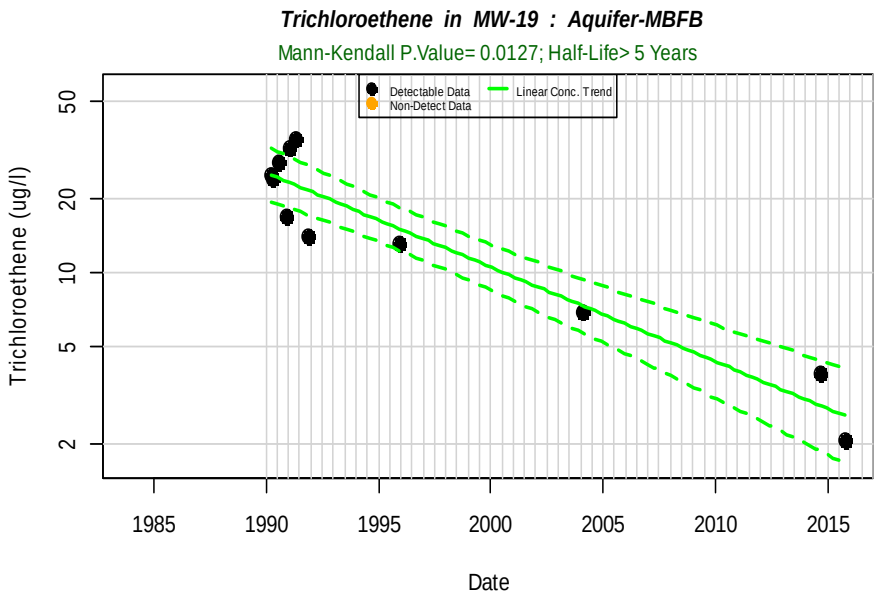

Trichloroethene in MW-11 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 1650 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

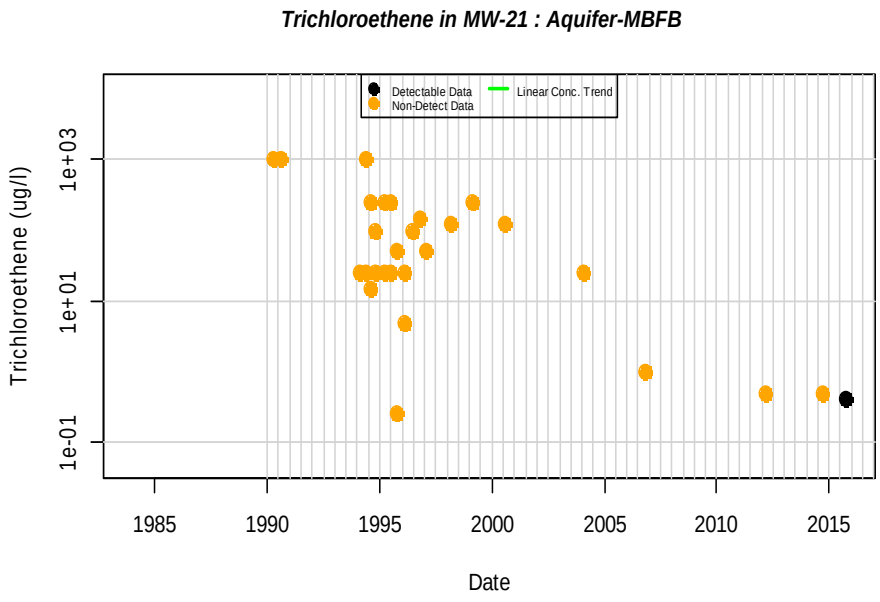

Trichloroethene in MW-12 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

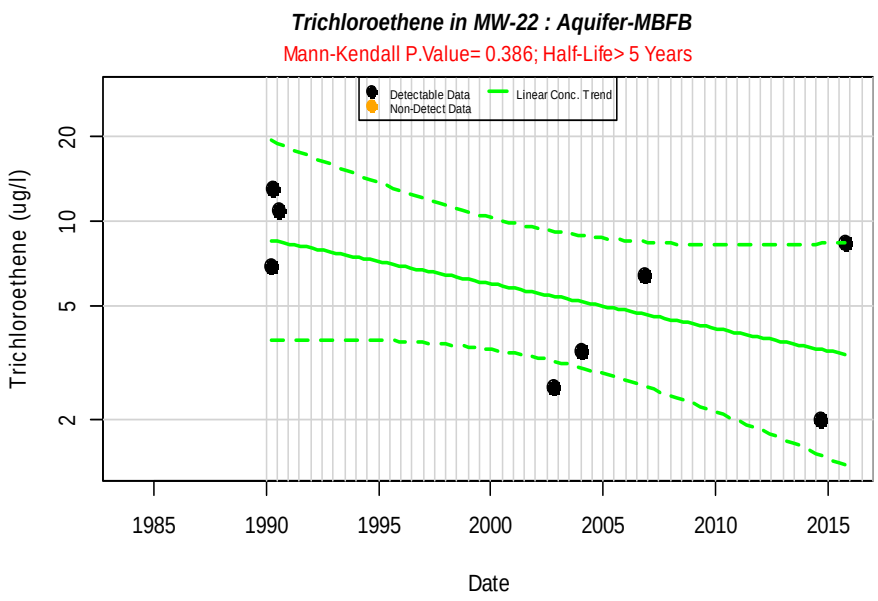

Trichloroethene in MW-13 : Aquifer-MBFB
Mann-Kendall P.Value= 0.454; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
400
600
800
1200
1985
1990
1995
2000
2005
2010
2015
Date

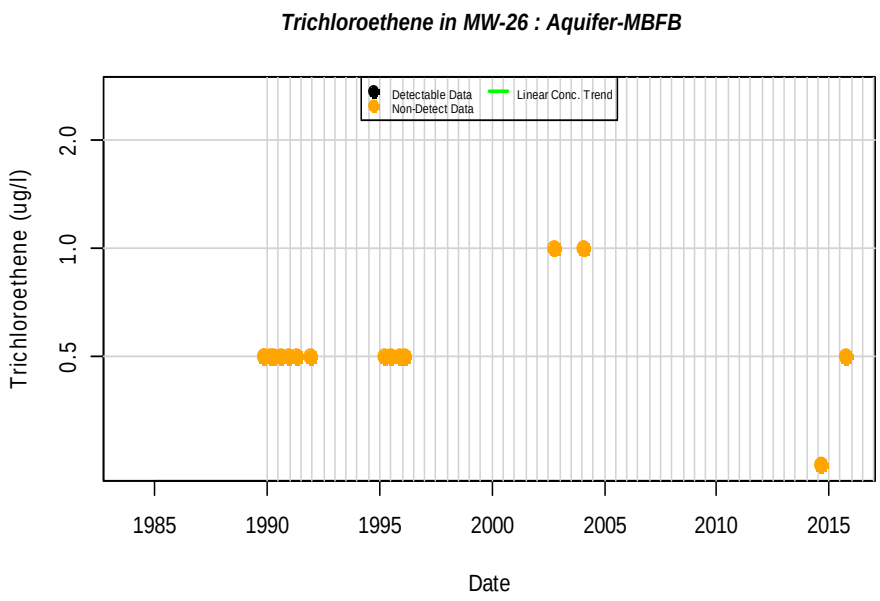

Trichloroethene in MW-14 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0414; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
20
50
100
200
500
1985
1990
1995
2000
2005
2010
2015
Date

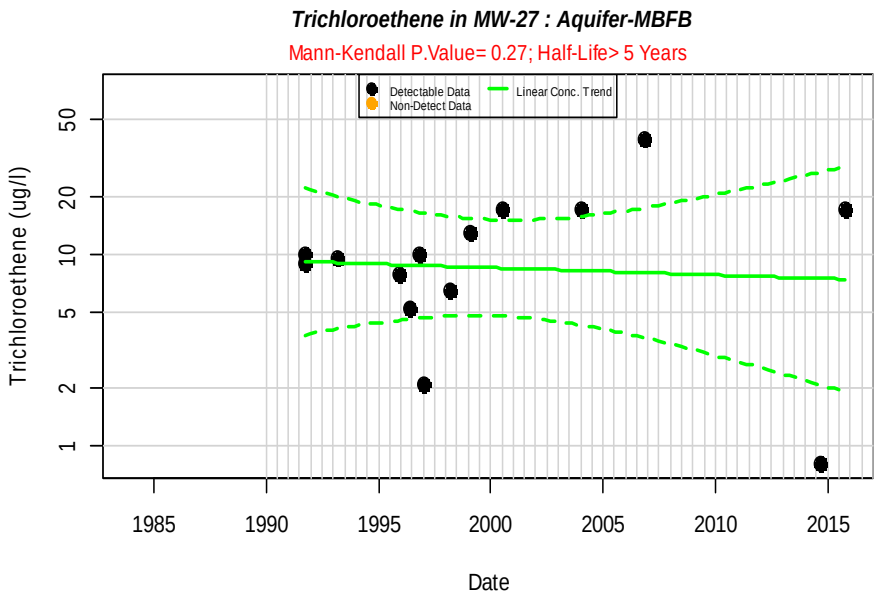

Trichloroethene in MW-16 : Aquifer-MBFB
Mann-Kendall P.Value= 0.119; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
500
1000
1985
1990
1995
2000
2005
2010
2015
Date

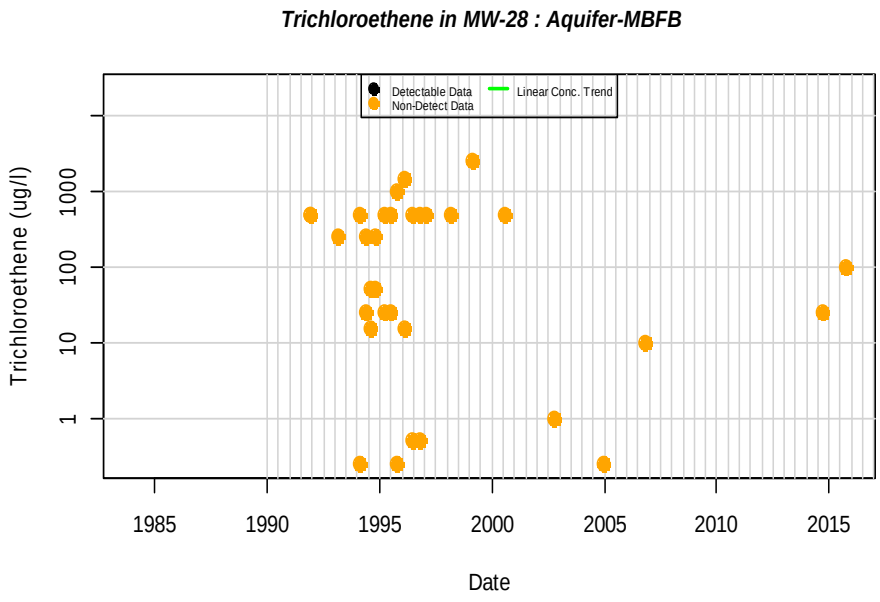

Trichloroethene in MW-19 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0127; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
50
1985
1990
1995
2000
2005
2010
2015
Date

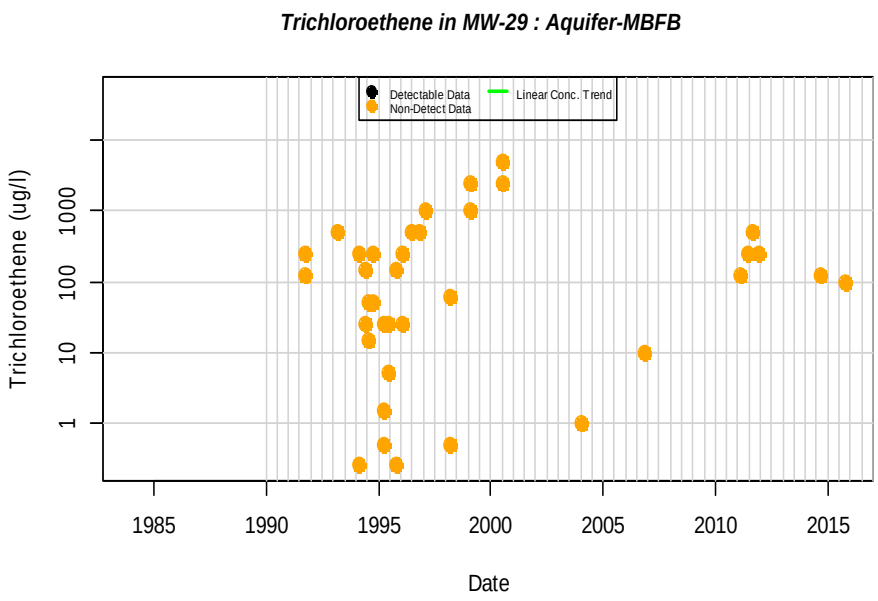

Trichloroethene in MW-21 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

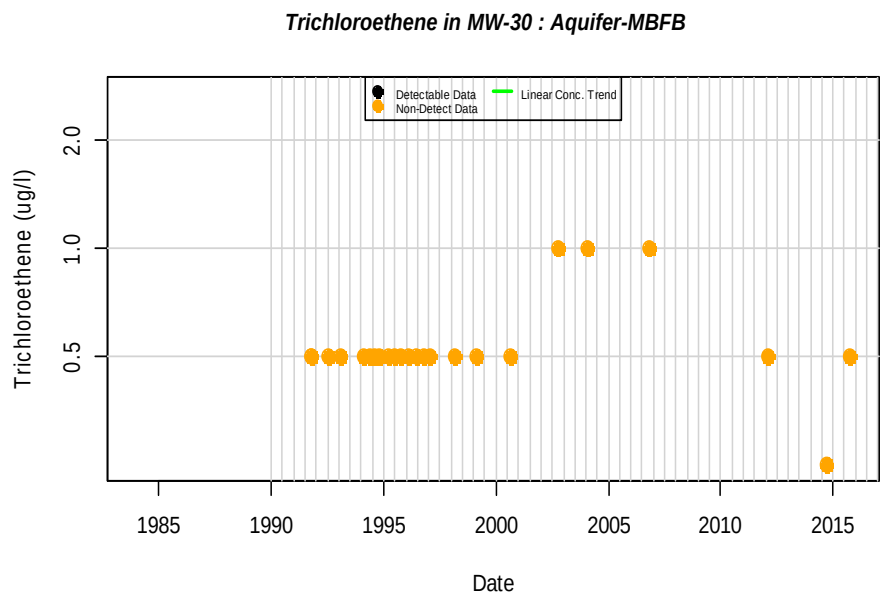

Trichloroethene in MW-22 : Aquifer-MBFB
Mann-Kendall P.Value= 0.386; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
1985
1990
1995
2000
2005
2010
2015
Date

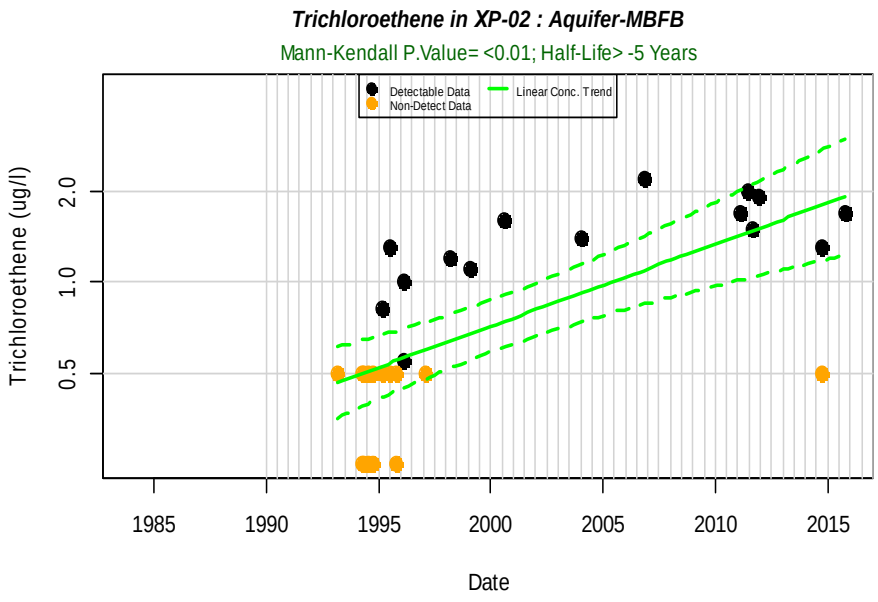

Trichloroethene in MW-26 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

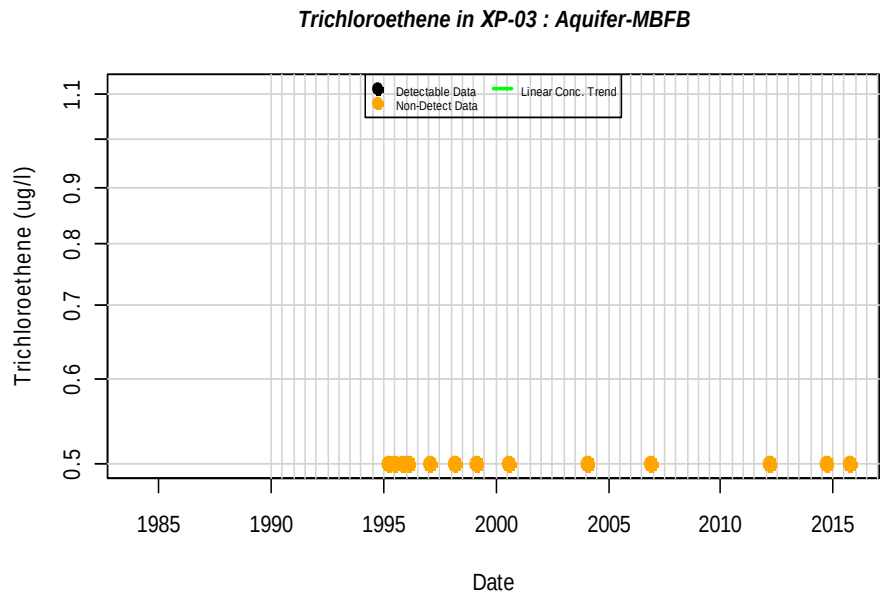

Trichloroethene in MW-27 : Aquifer-MBFB
Mann-Kendall P.Value= 0.27; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
20
50
1985
1990
1995
2000
2005
2010
2015
Date

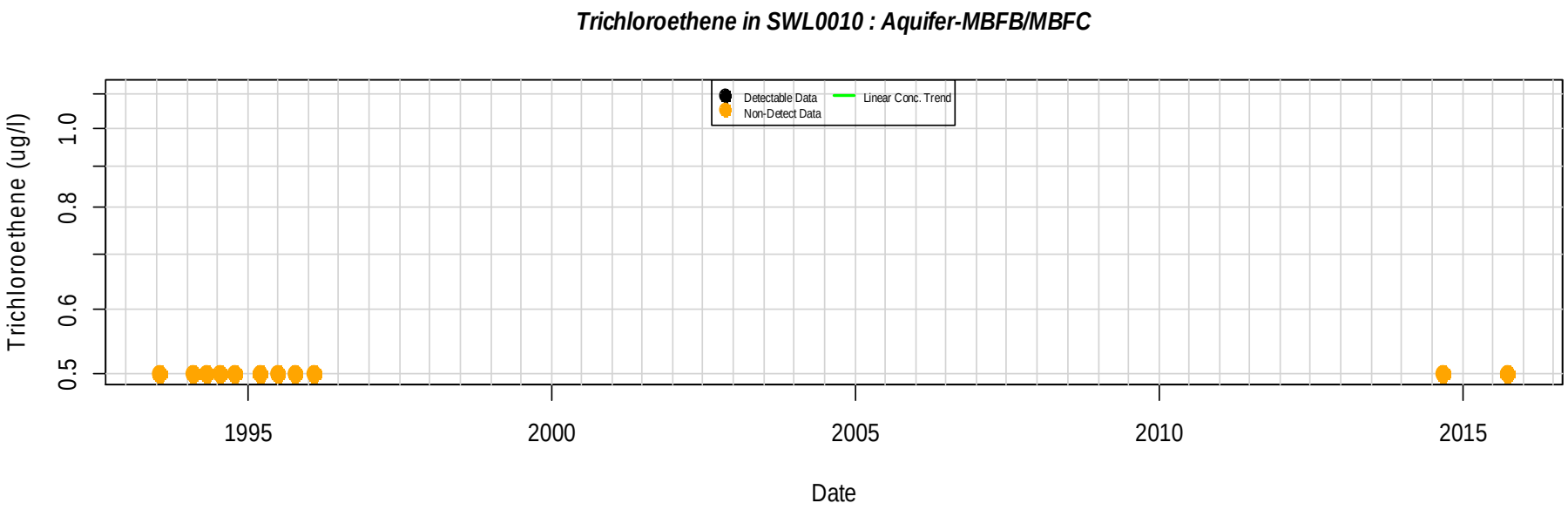

Trichloroethene in MW-28 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

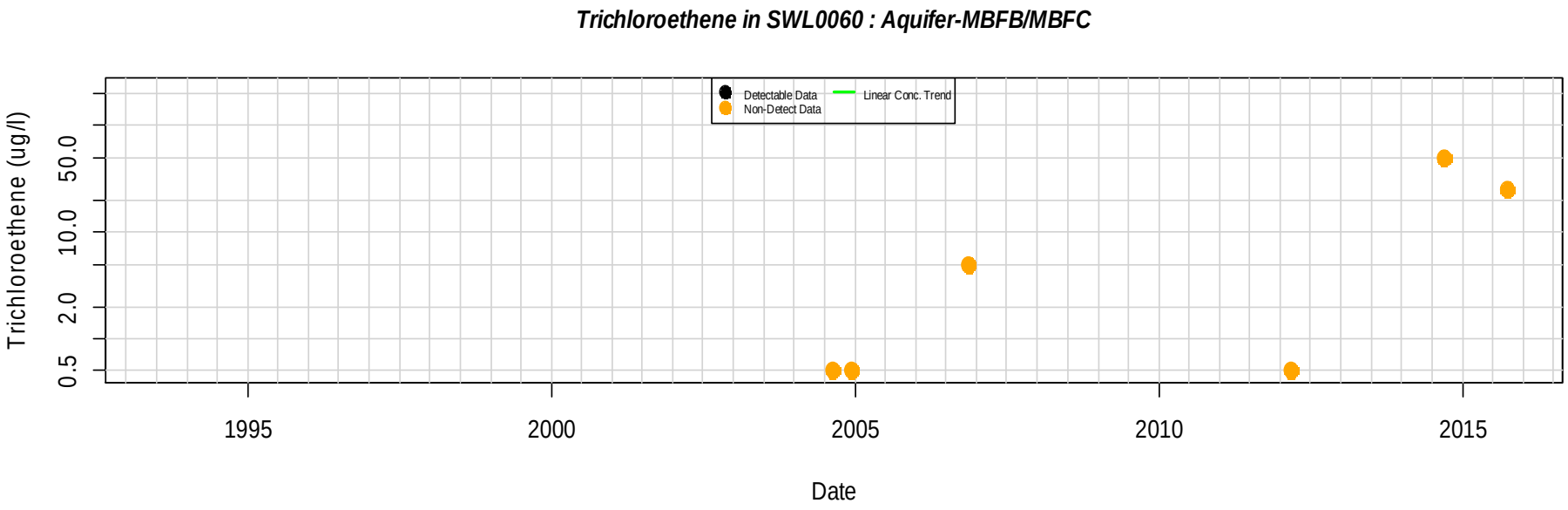

Trichloroethene in MW-29 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

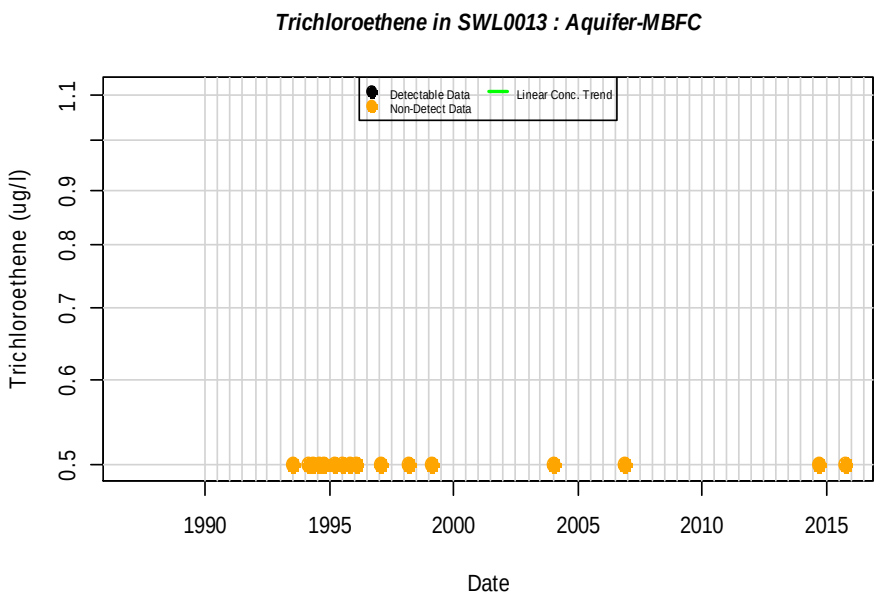

Trichloroethene in MW-30 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

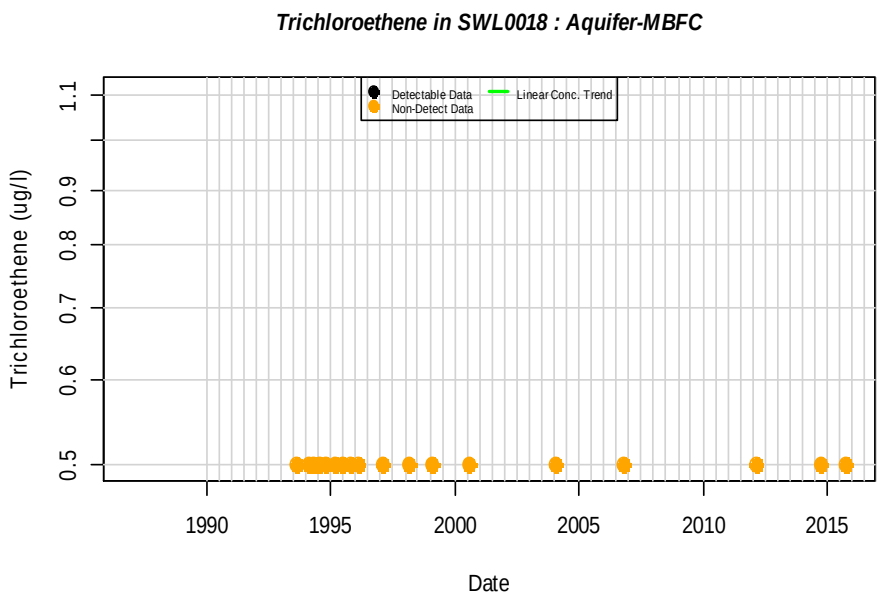

Trichloroethene in XP-02 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

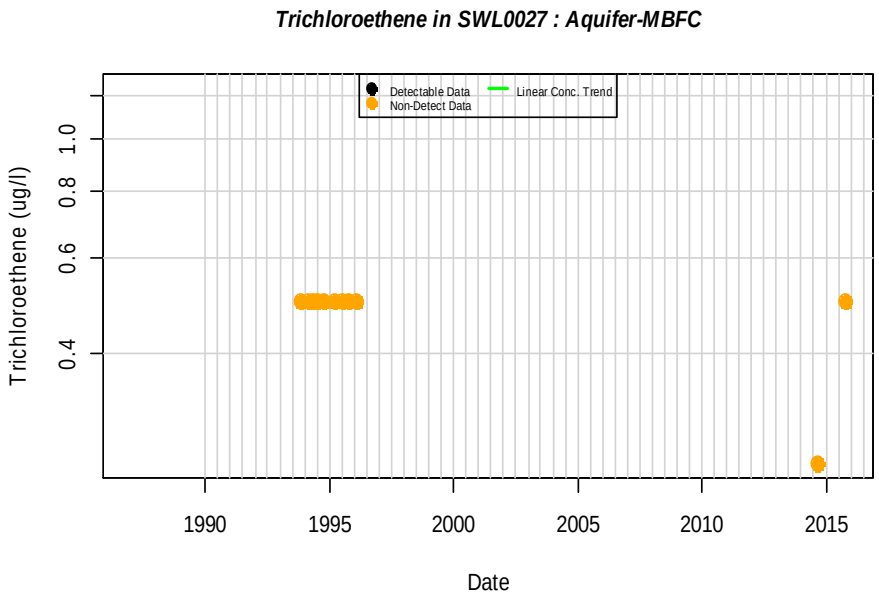

Trichloroethene in XP-03 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

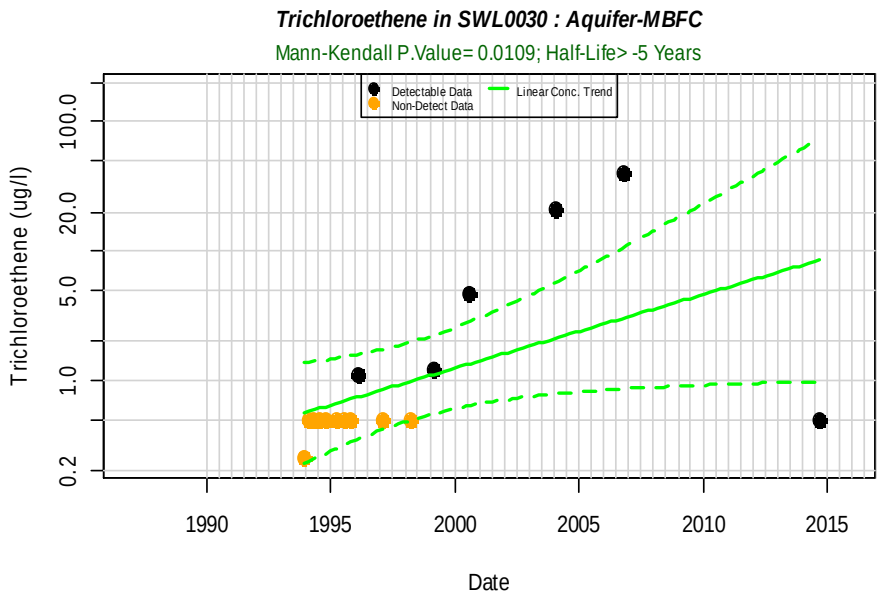

Trichloroethene in SWL0010 : Aquifer-MBFB/MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.8
1.0
1995
2000
2005
2010
2015
Date

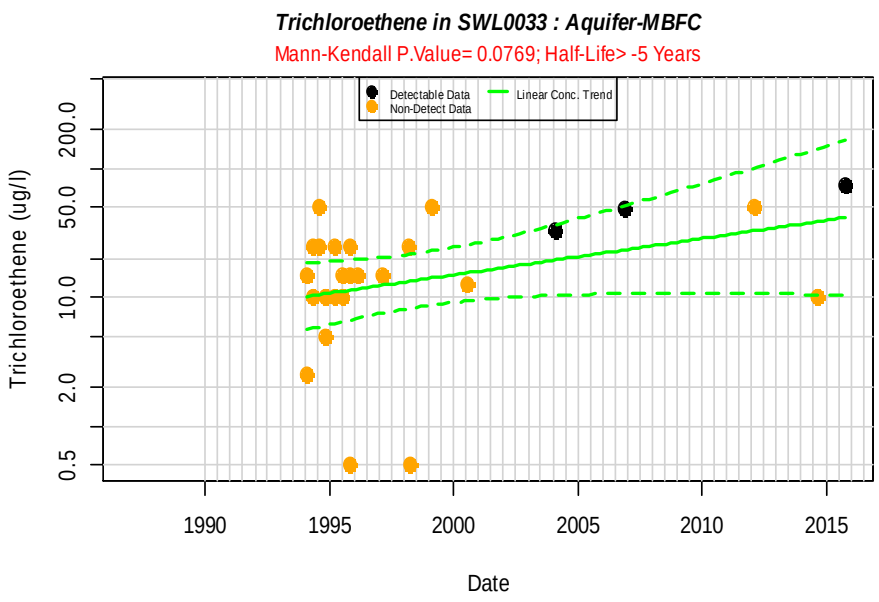

Trichloroethene in SWL0060 : Aquifer-MBFB/MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
10.0
50.0
1995
2000
2005
2010
2015
Date

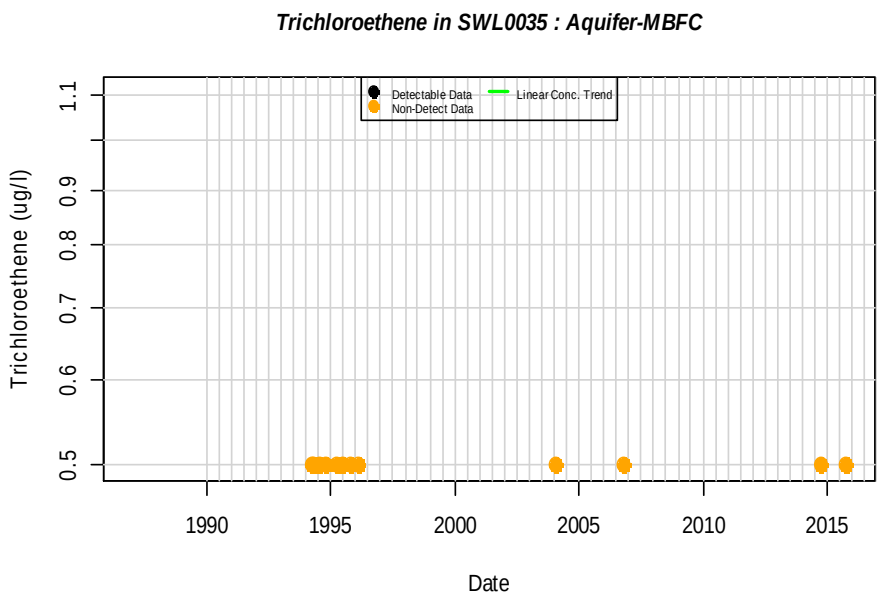

Trichloroethene in SWL0013 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1990
1995
2000
2005
2010
2015
Date

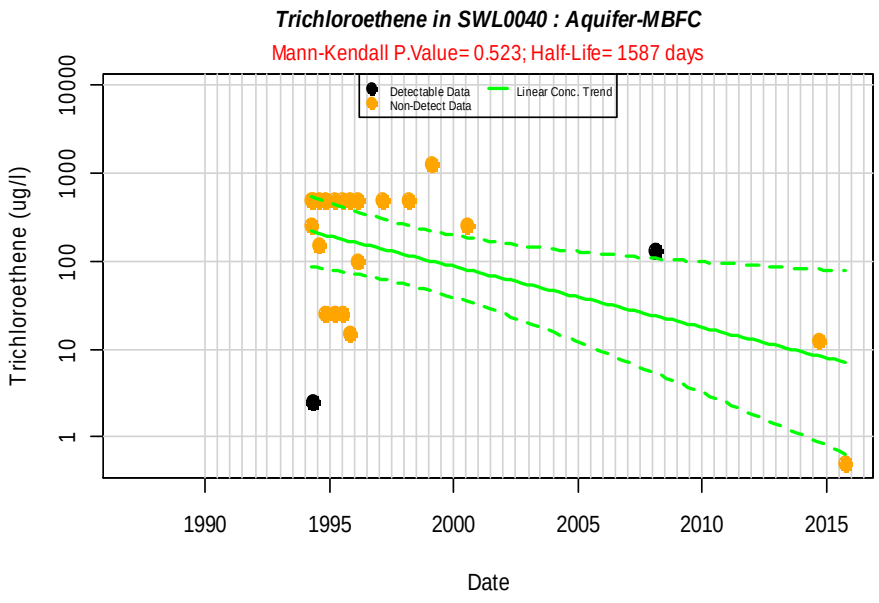

Trichloroethene in SWL0018 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1990
1995
2000
2005
2010
2015
Date

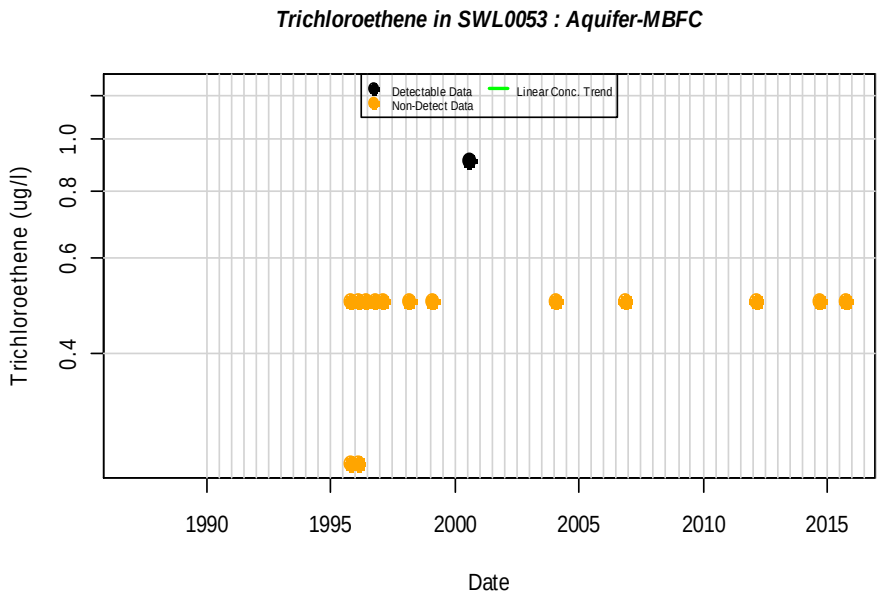

Trichloroethene in SWL0027 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1990
1995
2000
2005
2010
2015
Date

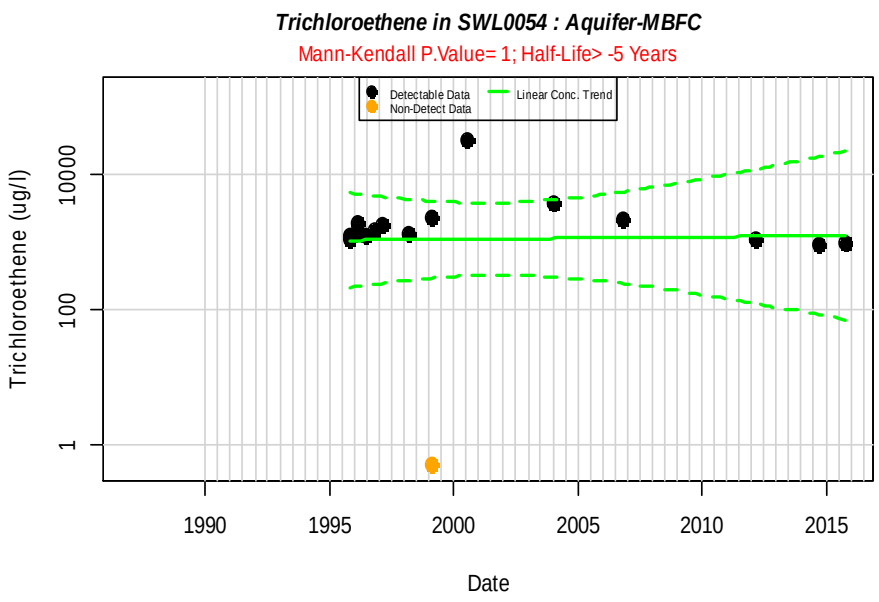

Trichloroethene in SWL0030 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0109; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

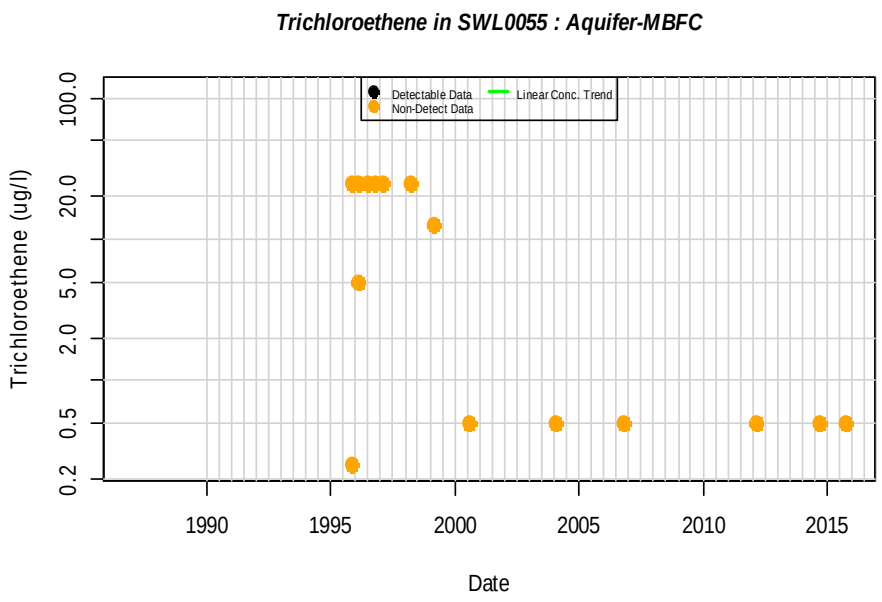

Trichloroethene in SWL0033 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0769; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
10.0
50.0
200.0
1990
1995
2000
2005
2010
2015
Date

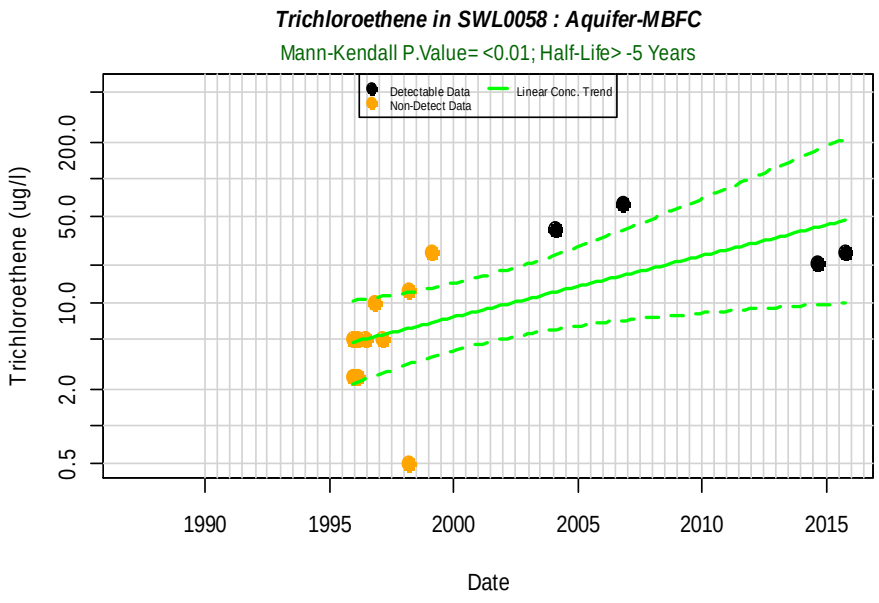

Trichloroethene in SWL0035 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1990
1995
2000
2005
2010
2015
Date

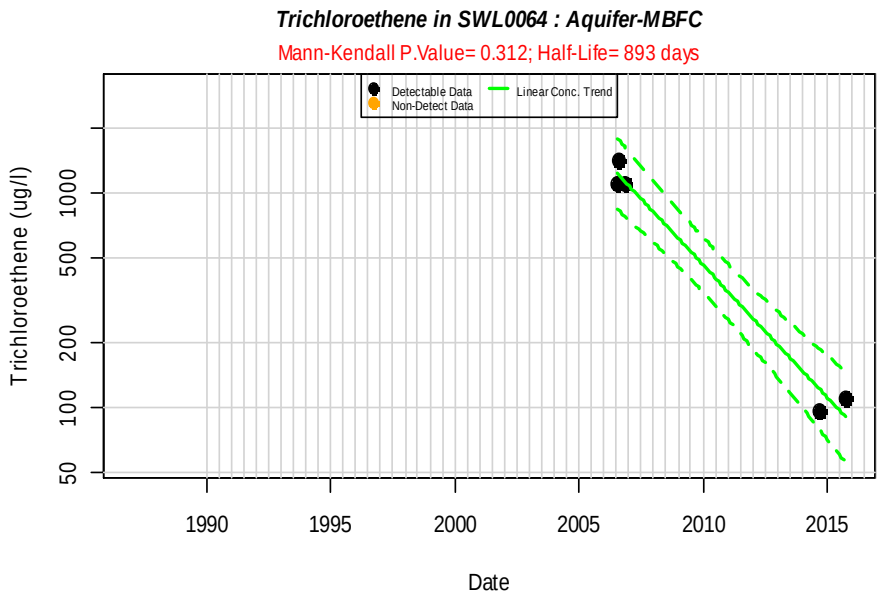

Trichloroethene in SWL0040 : Aquifer-MBFC
Mann-Kendall P.Value= 0.523; Half-Life= 1587 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1990
1995
2000
2005
2010
2015
Date

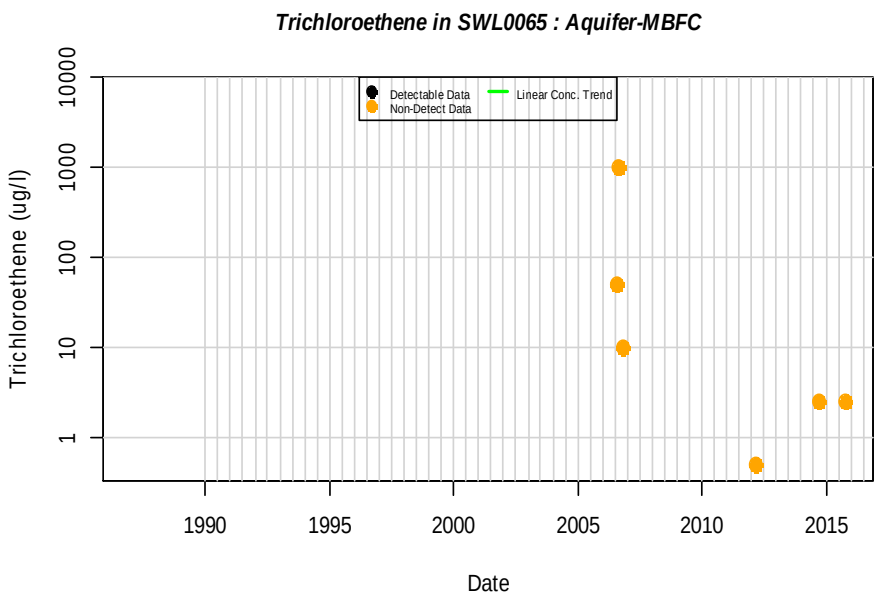

Trichloroethene in SWL0053 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1990
1995
2000
2005
2010
2015
Date

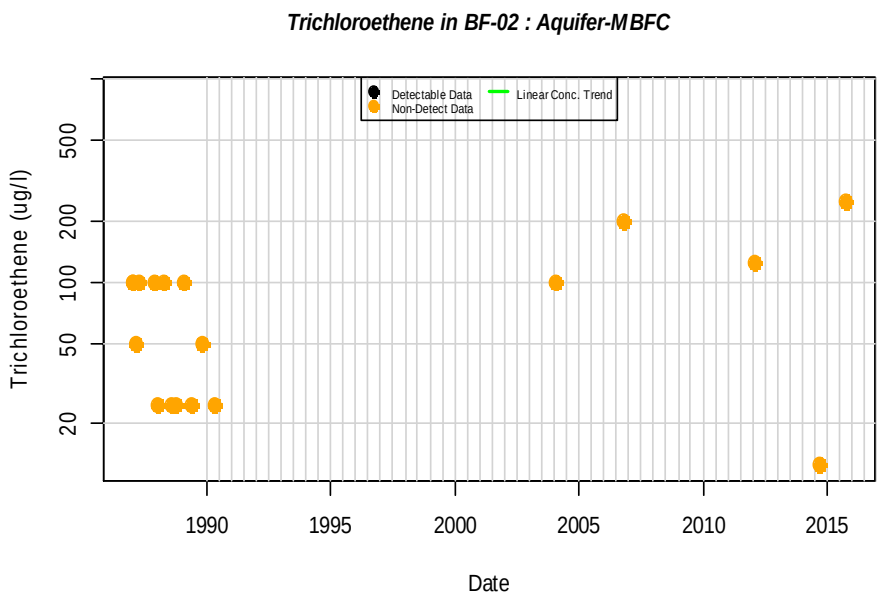

Trichloroethene in SWL0054 : Aquifer-MBFC
Mann-Kendall P.Value= 1; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
100
10000
1990
1995
2000
2005
2010
2015
Date

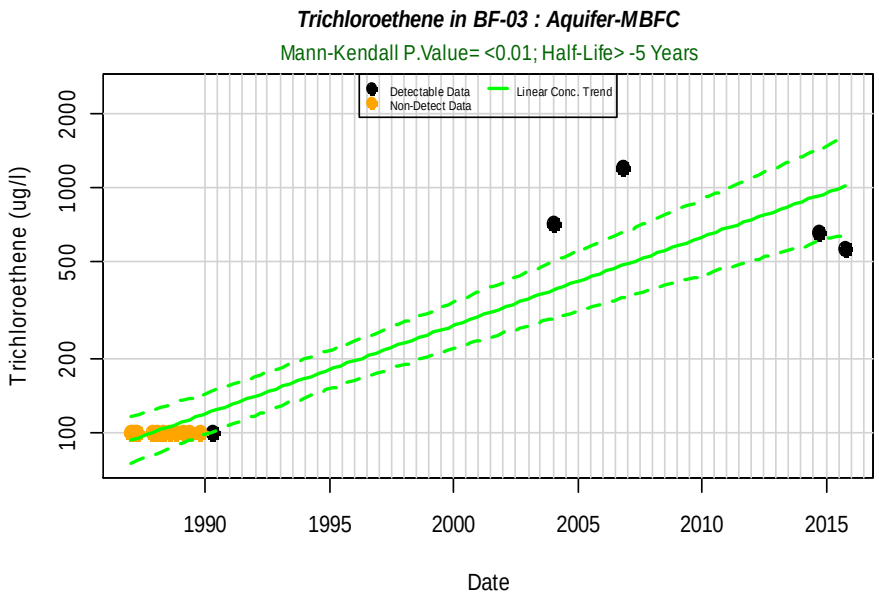

Trichloroethene in SWL0055 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

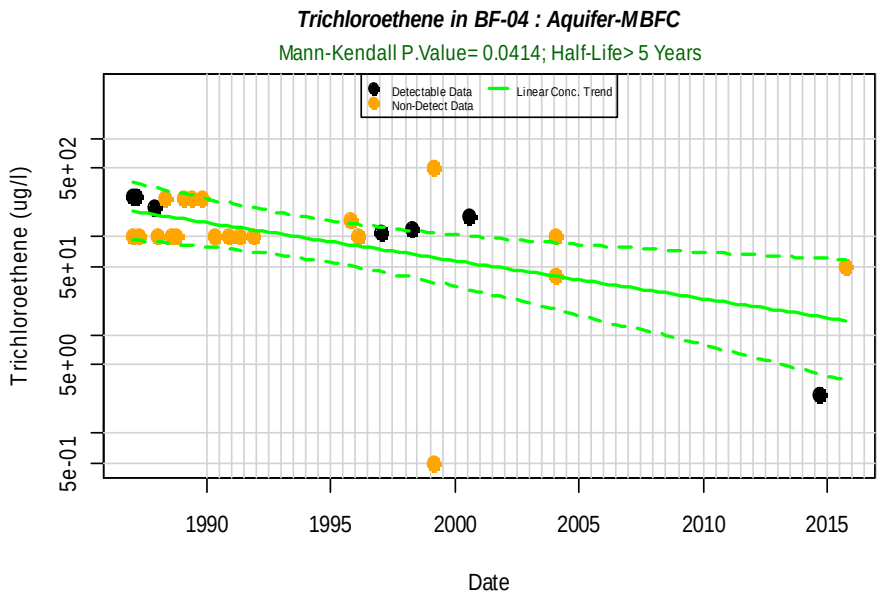

Trichloroethene in SWL0058 : Aquifer-MBFC
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
10.0
50.0
200.0
1990
1995
2000
2005
2010
2015
Date

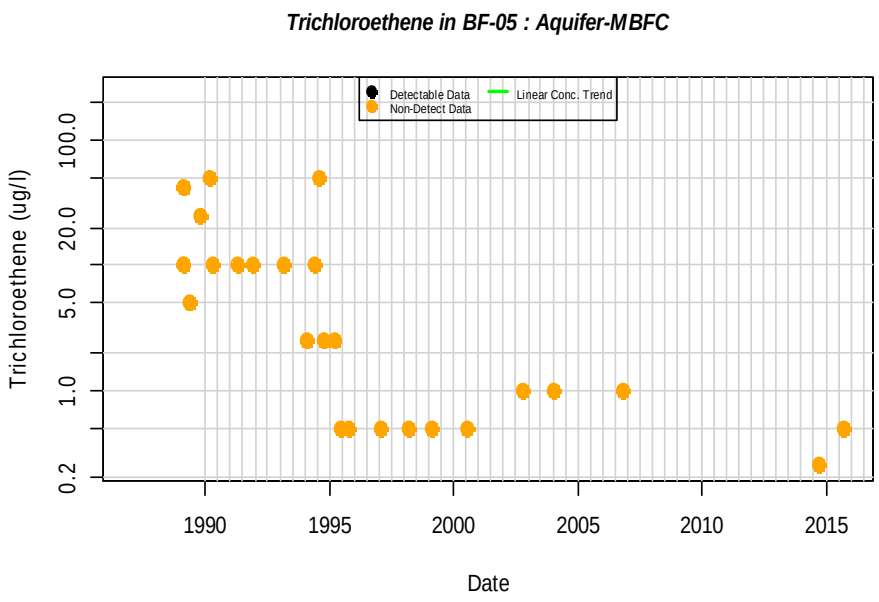

Trichloroethene in SWL0064 : Aquifer-MBFC
Mann-Kendall P.Value= 0.312; Half-Life= 893 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
50
100
200
500
1000
1990
1995
2000
2005
2010
2015
Date

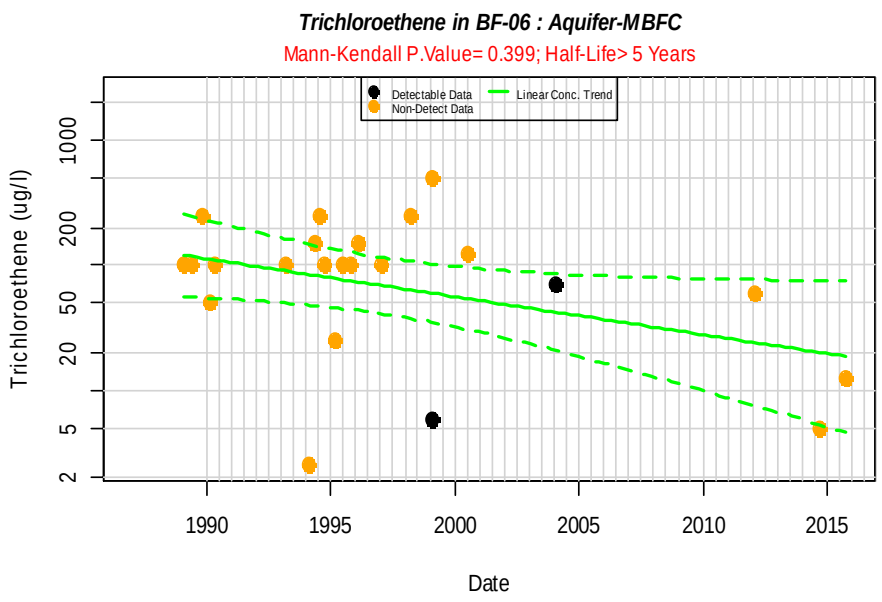

Trichloroethene in SWL0065 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1990
1995
2000
2005
2010
2015
Date

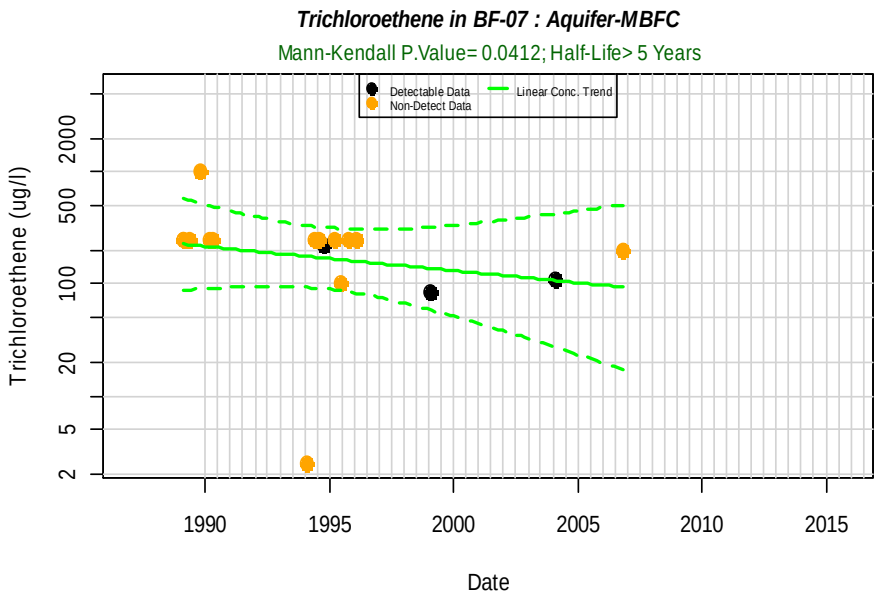

Trichloroethene in BF-02 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
20
50
100
200
500
1990
1995
2000
2005
2010
2015
Date

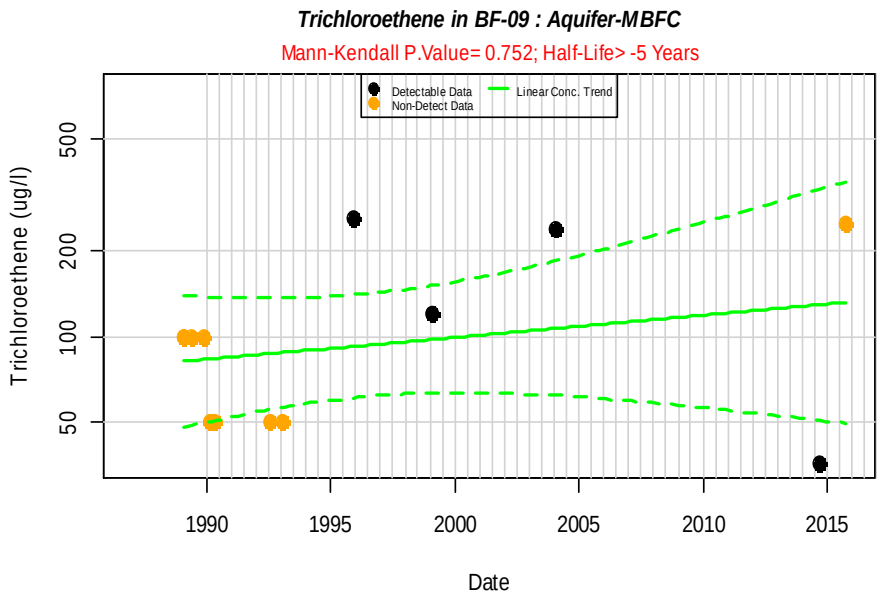

Trichloroethene in BF-03 : Aquifer-MBFC
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
100
200
500
1000
2000
1990
1995
2000
2005
2010
2015
Date

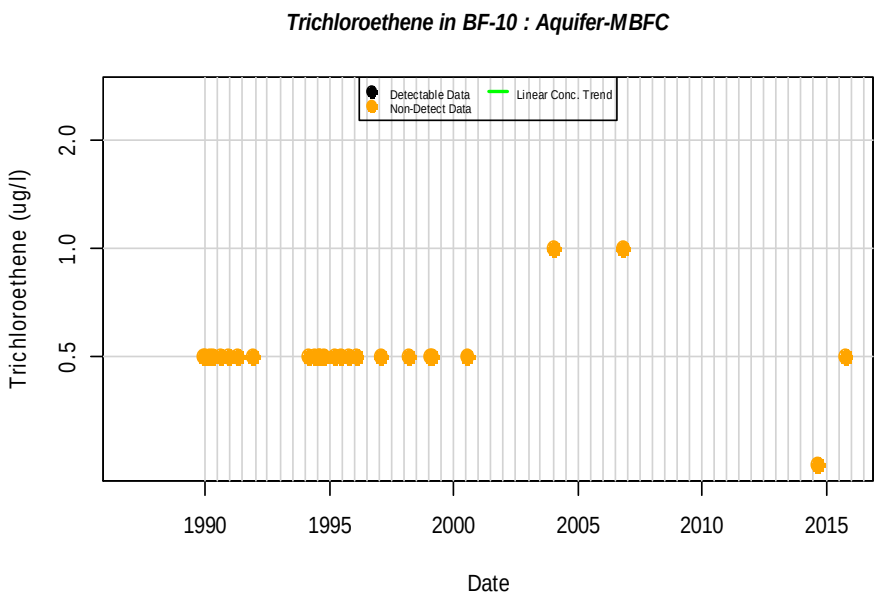

Trichloroethene in BF-04 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0414; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1990
1995
2000
2005
2010
2015
Date

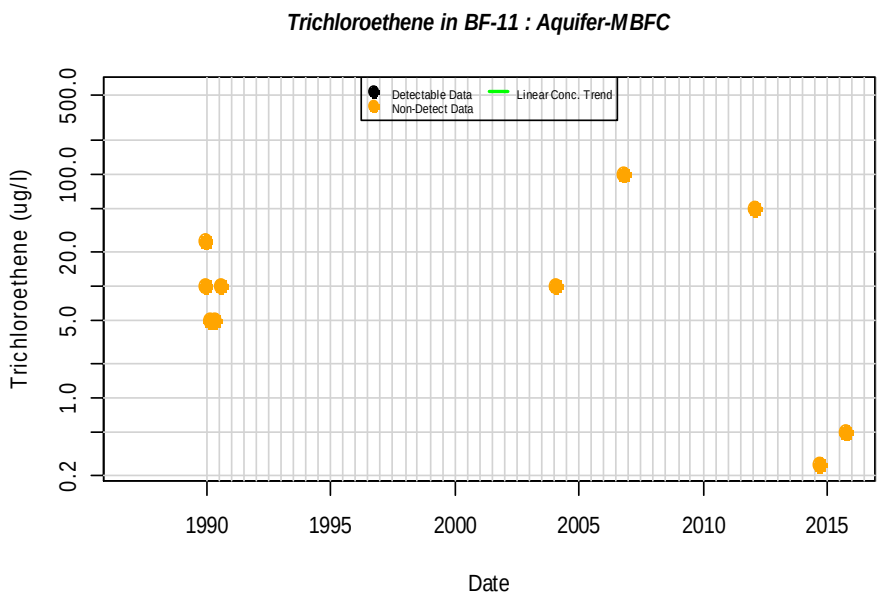

Trichloroethene in BF-05 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

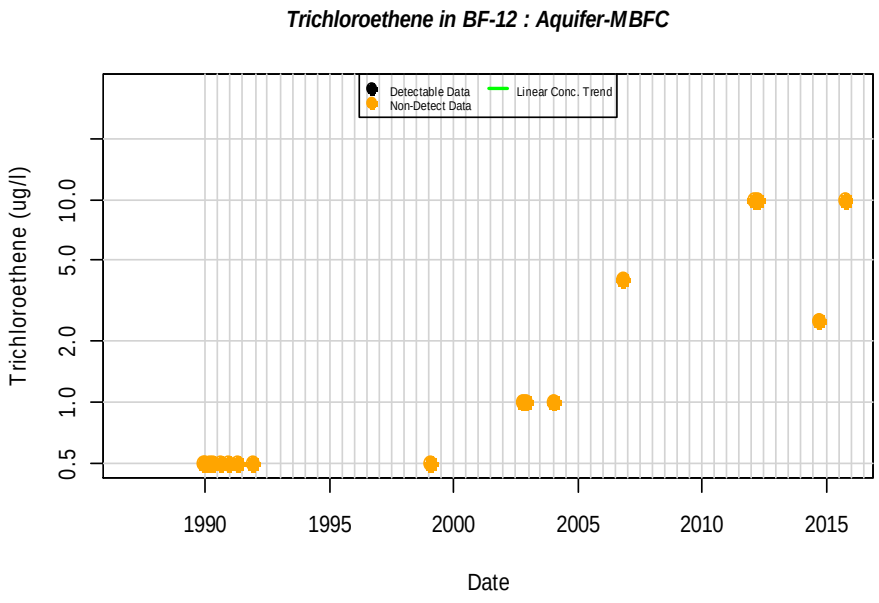

Trichloroethene in BF-06 : Aquifer-MBFC
Mann-Kendall P.Value= 0.399; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
50
200
1000
1990
1995
2000
2005
2010
2015
Date

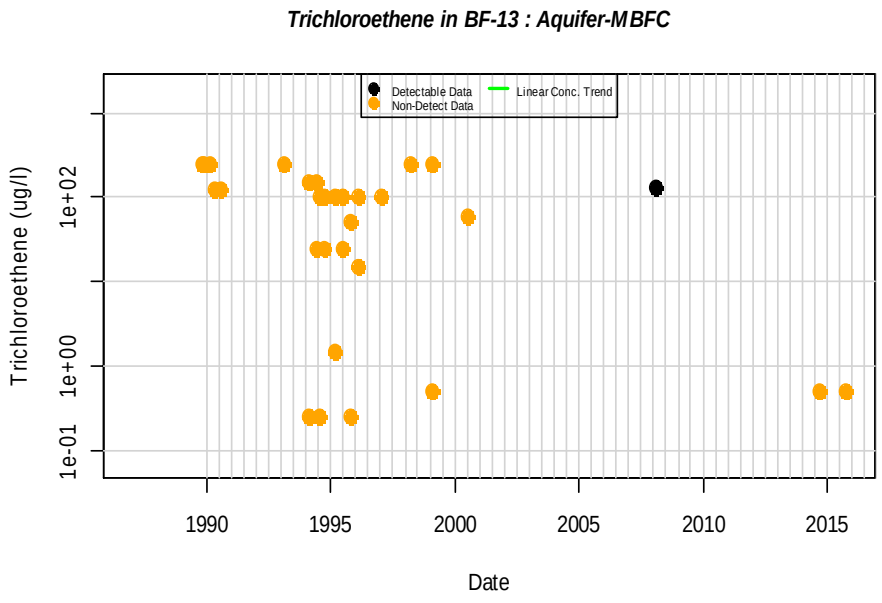

Trichloroethene in BF-07 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0412; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
100
500
2000
1990
1995
2000
2005
2010
2015
Date

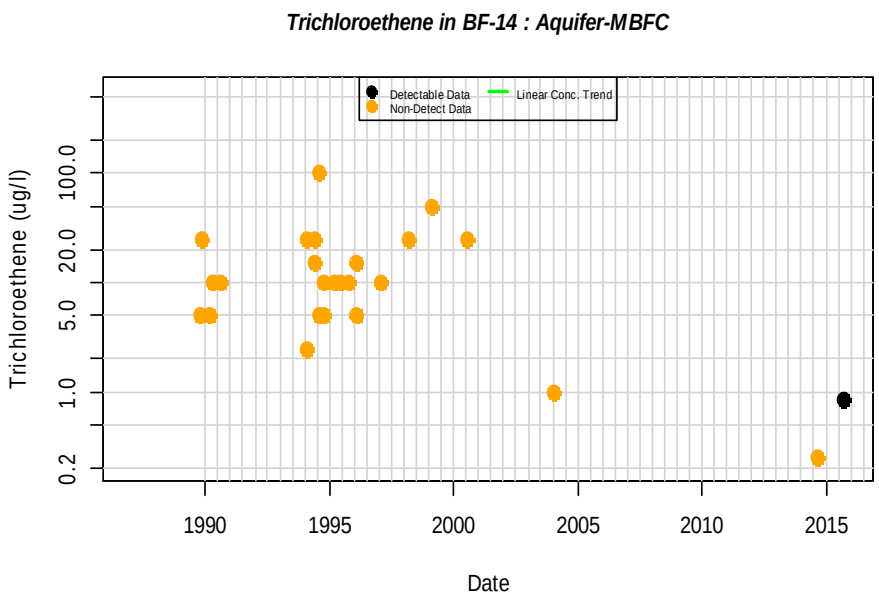

Trichloroethene in BF-09 : Aquifer-MBFC
Mann-Kendall P.Value= 0.752; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
50
100
200
500
1990
1995
2000
2005
2010
2015
Date

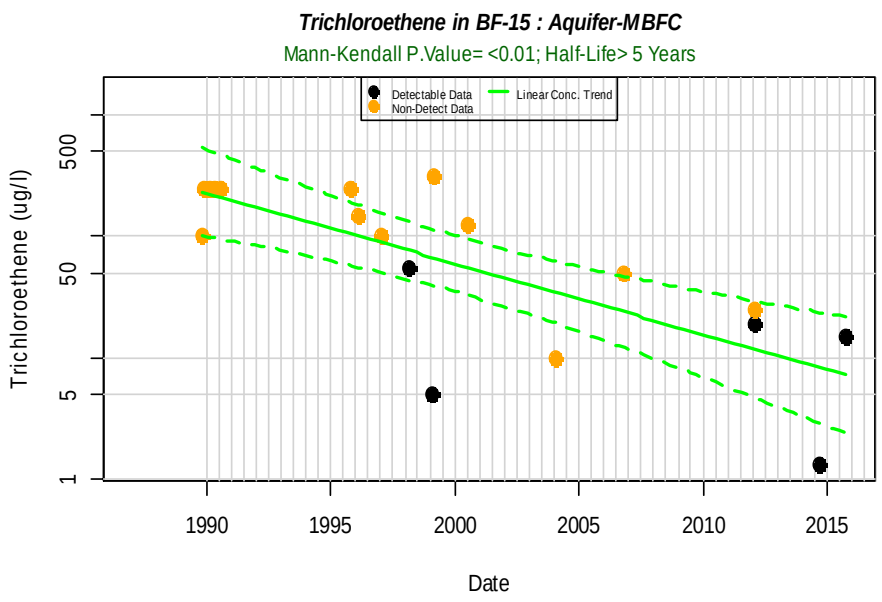

Trichloroethene in BF-10 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

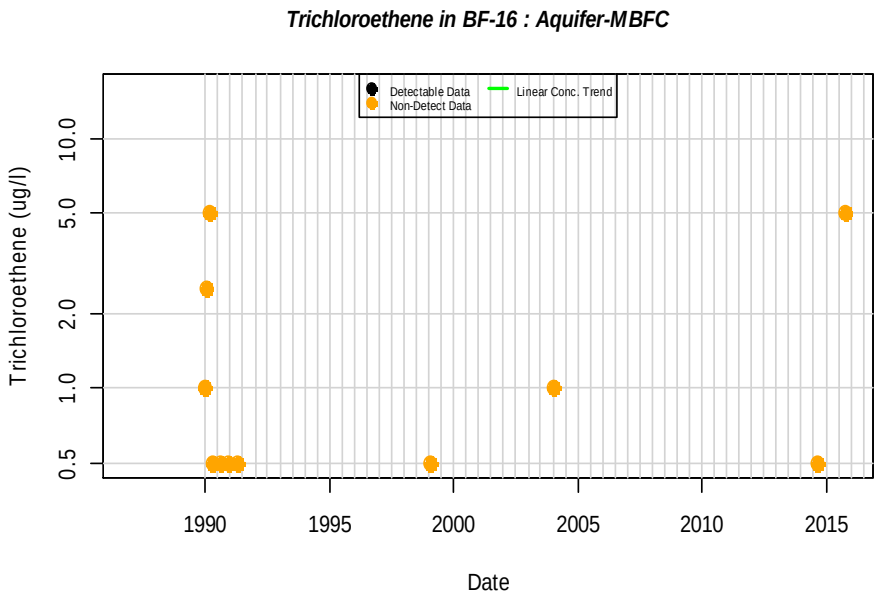

Trichloroethene in BF-11 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
500.0
1990
1995
2000
2005
2010
2015
Date

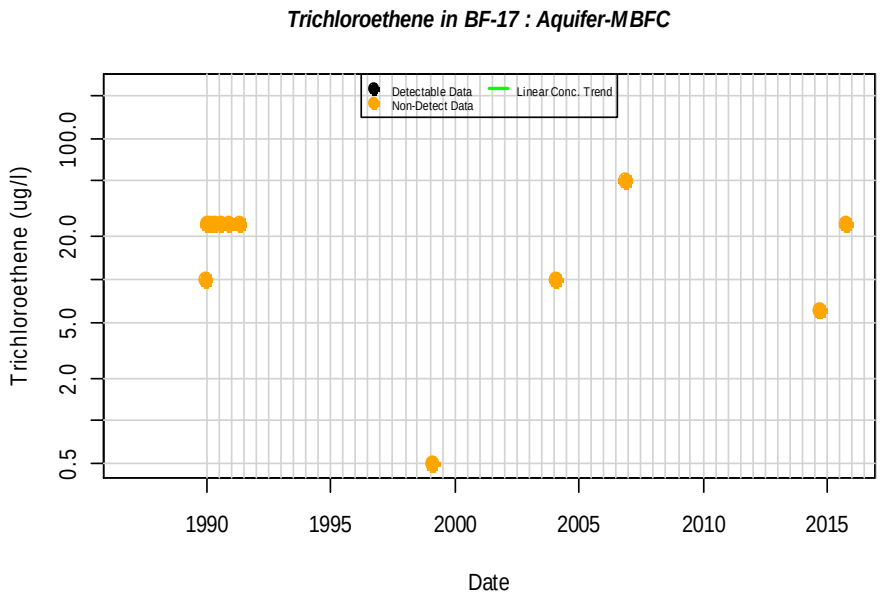

Trichloroethene in BF-12 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1990
1995
2000
2005
2010
2015
Date

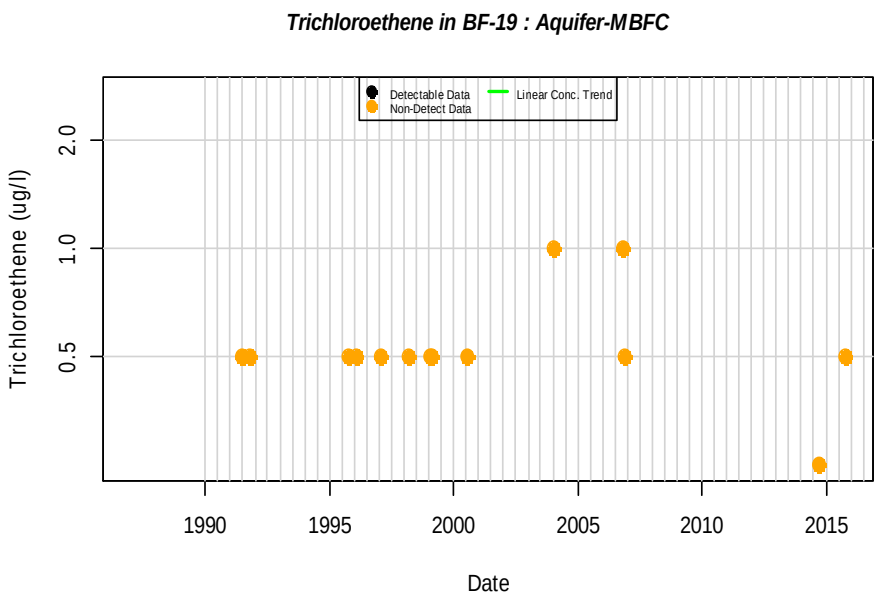

Trichloroethene in BF-13 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+00
1e+02
1990
1995
2000
2005
2010
2015
Date

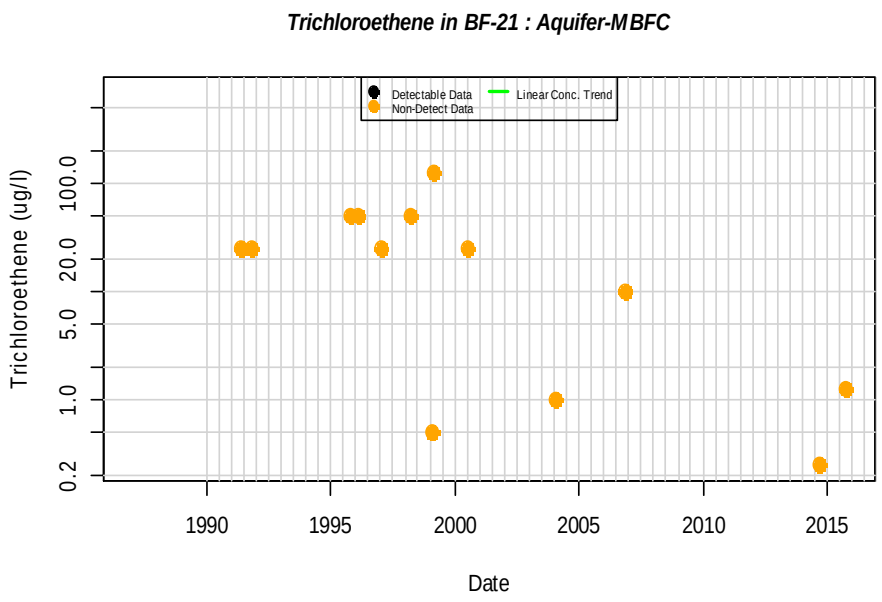

Trichloroethene in BF-14 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

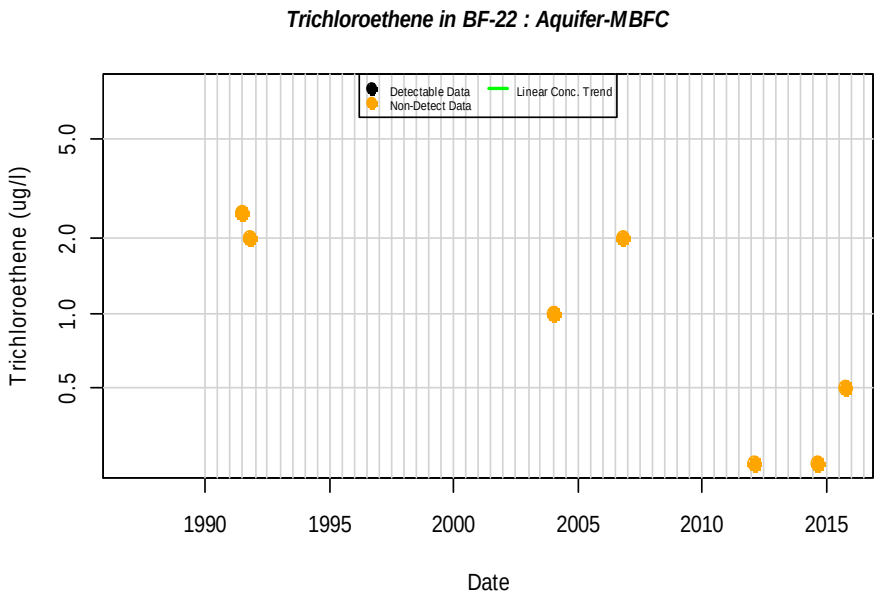

Trichloroethene in BF-15 : Aquifer-MBFC
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
5
50
500
1990
1995
2000
2005
2010
2015
Date

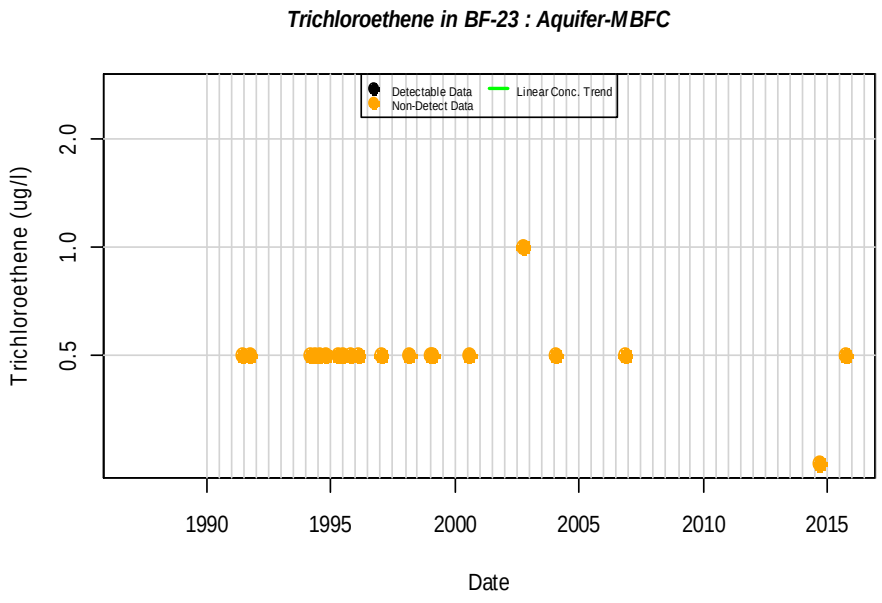

Trichloroethene in BF-16 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1990
1995
2000
2005
2010
2015
Date

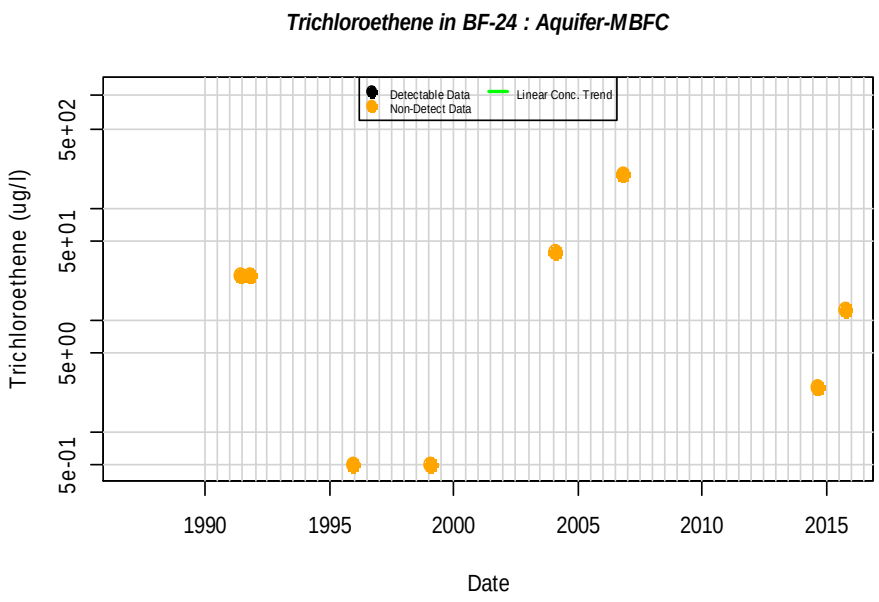

Trichloroethene in BF-17 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

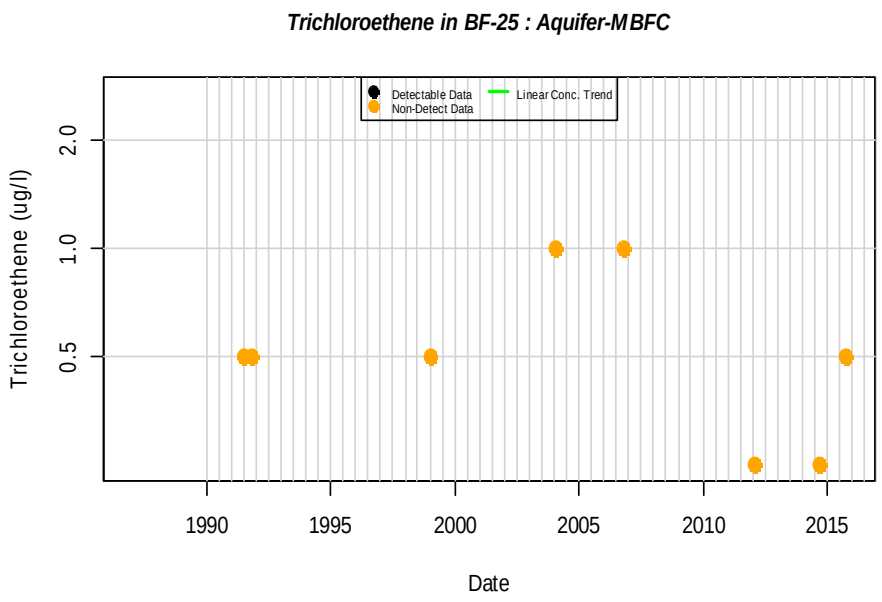

Trichloroethene in BF-19 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

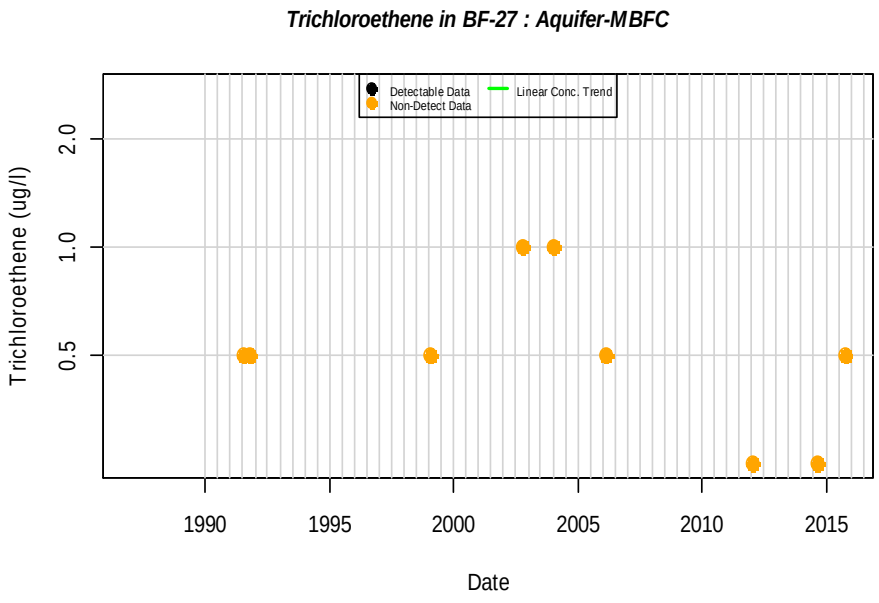

Trichloroethene in BF-21 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

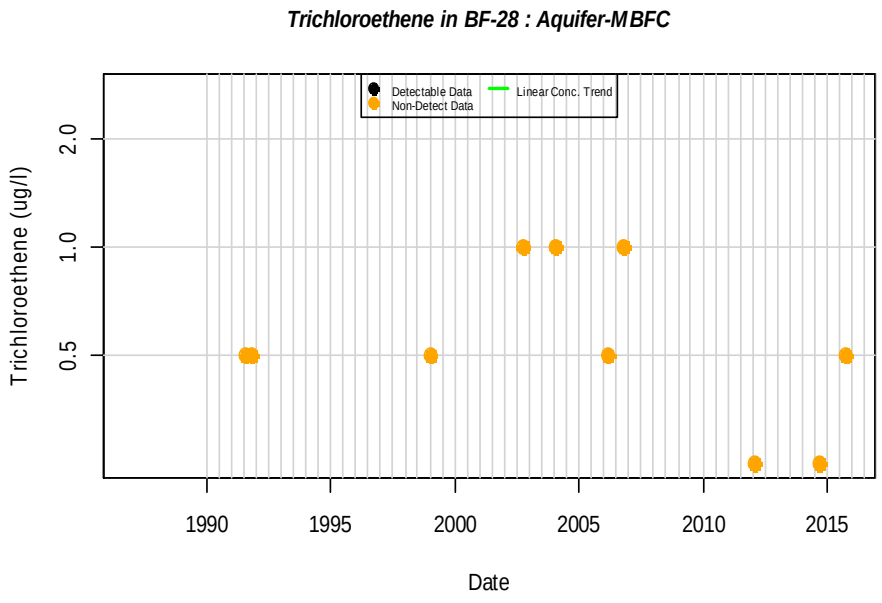

Trichloroethene in BF-22 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

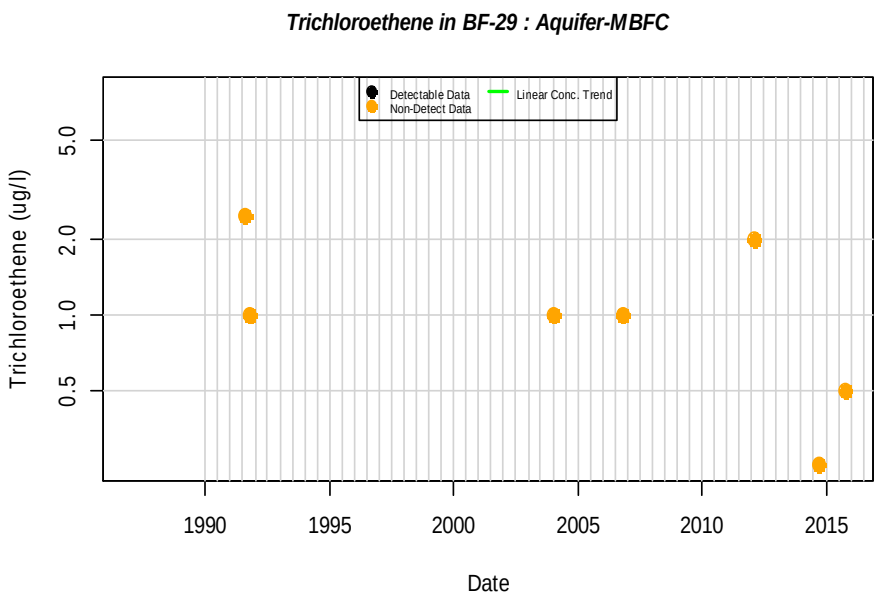

Trichloroethene in BF-23 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

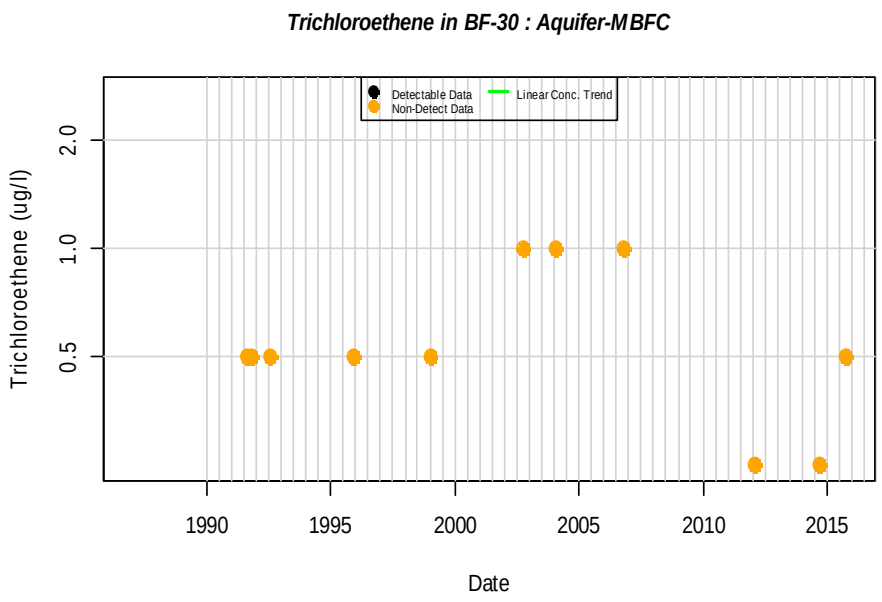

Trichloroethene in BF-24 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1990
1995
2000
2005
2010
2015
Date

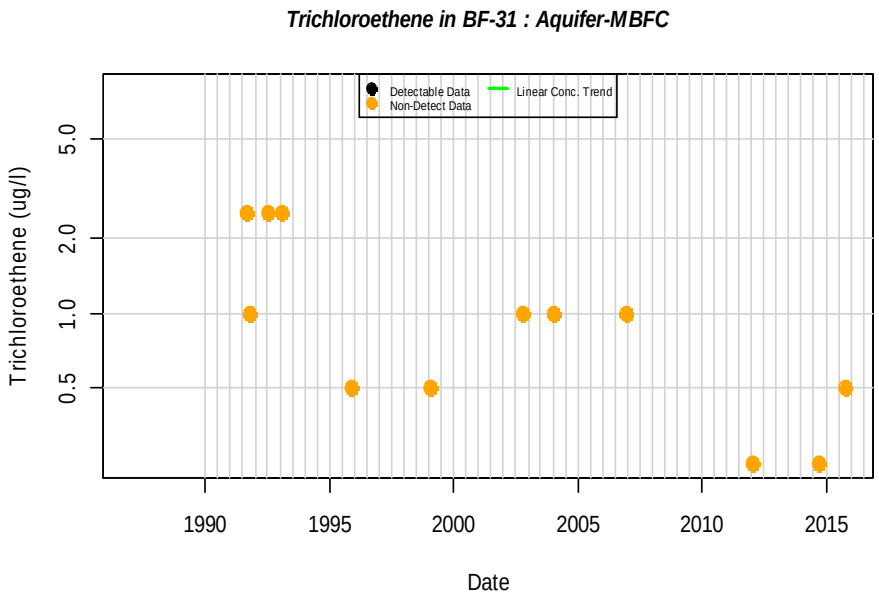

Trichloroethene in BF-25 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

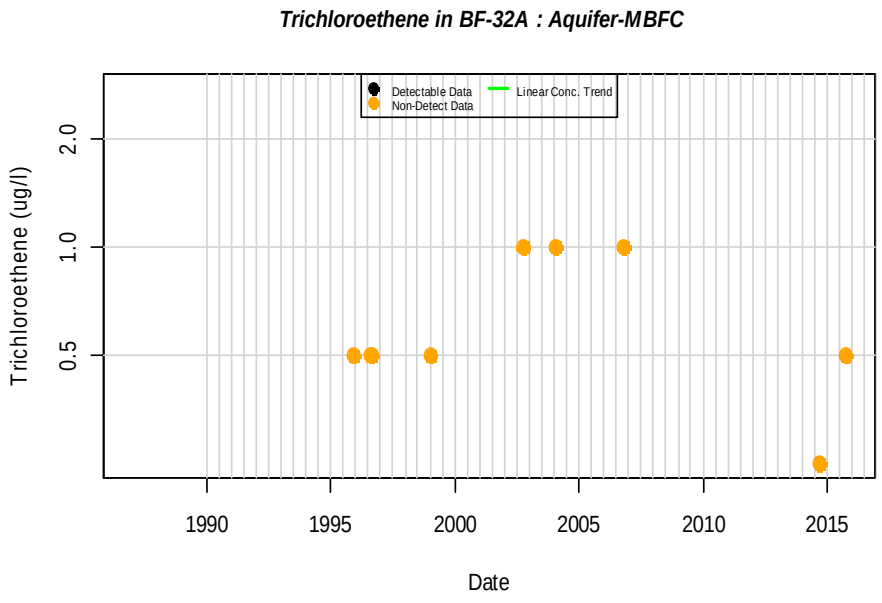

Trichloroethene in BF-27 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

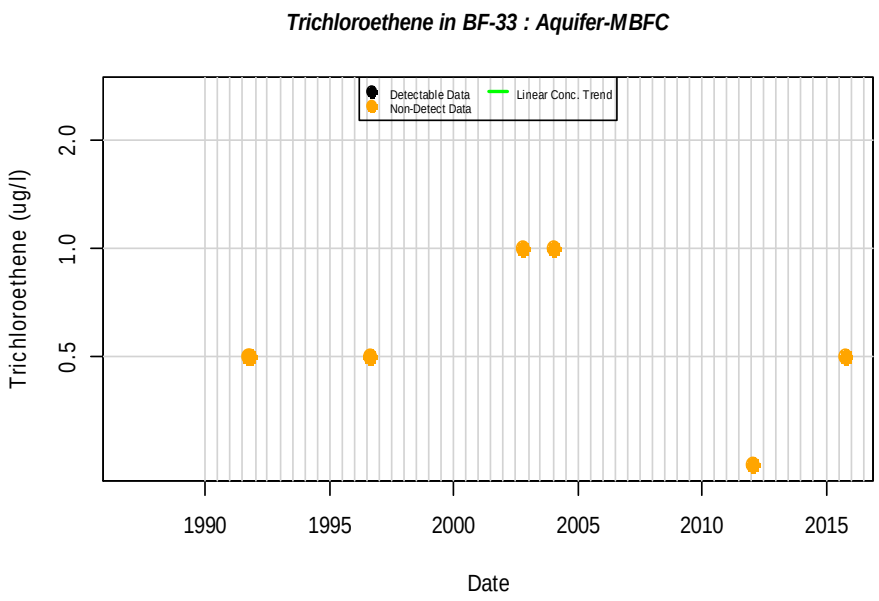

Trichloroethene in BF-28 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

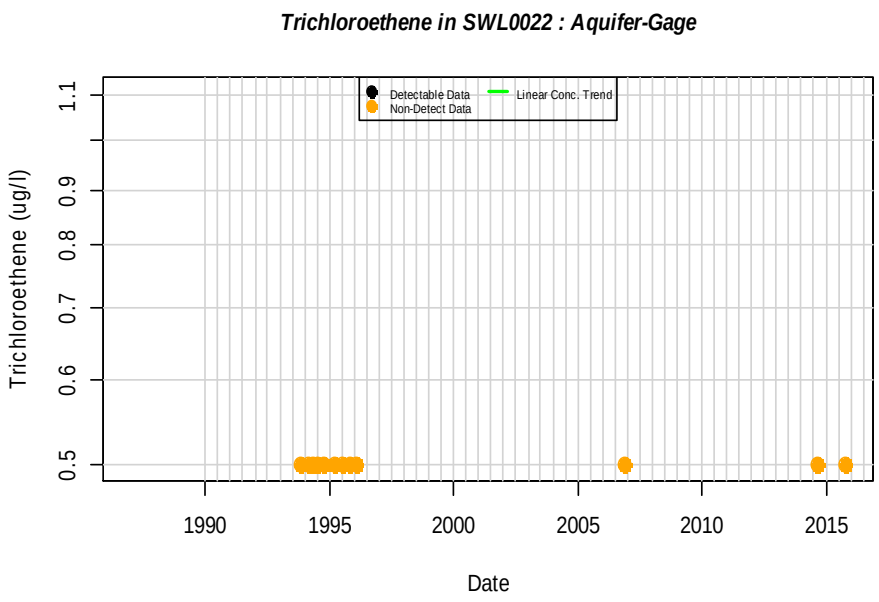

Trichloroethene in BF-29 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

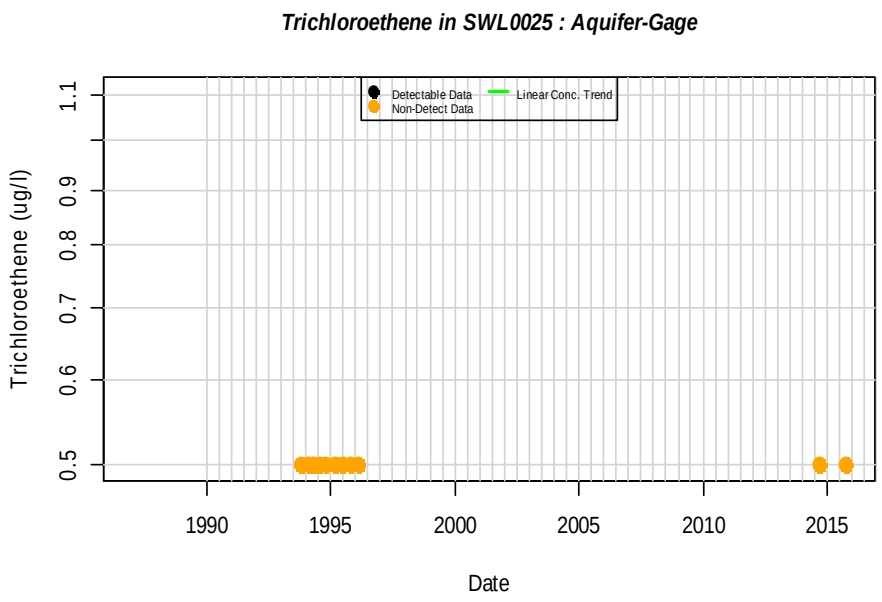

Trichloroethene in BF-30 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

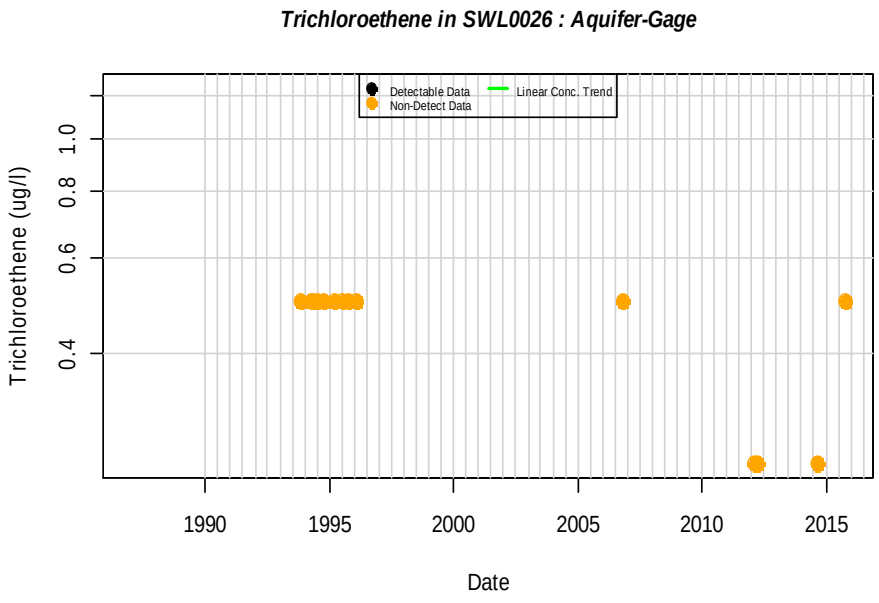

Trichloroethene in BF-31 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

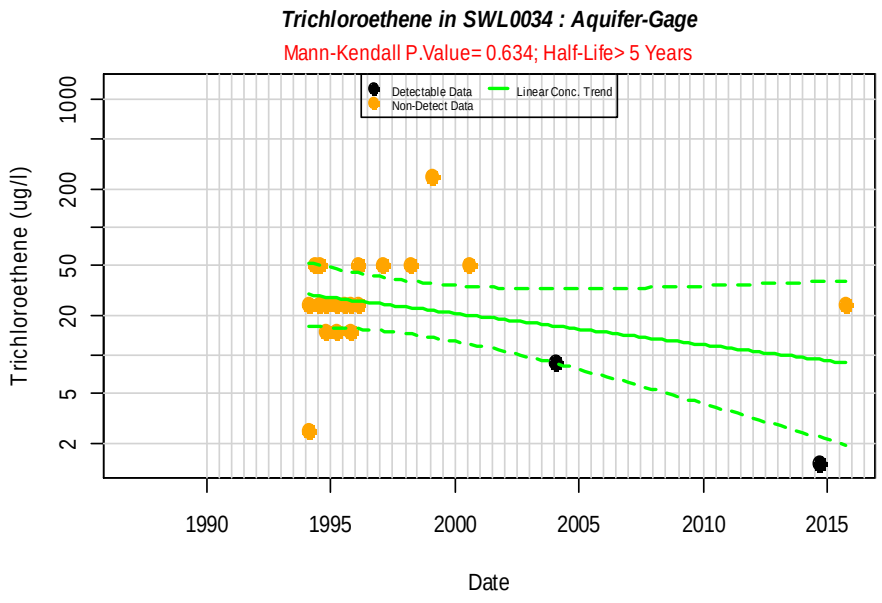

Trichloroethene in BF-32A : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

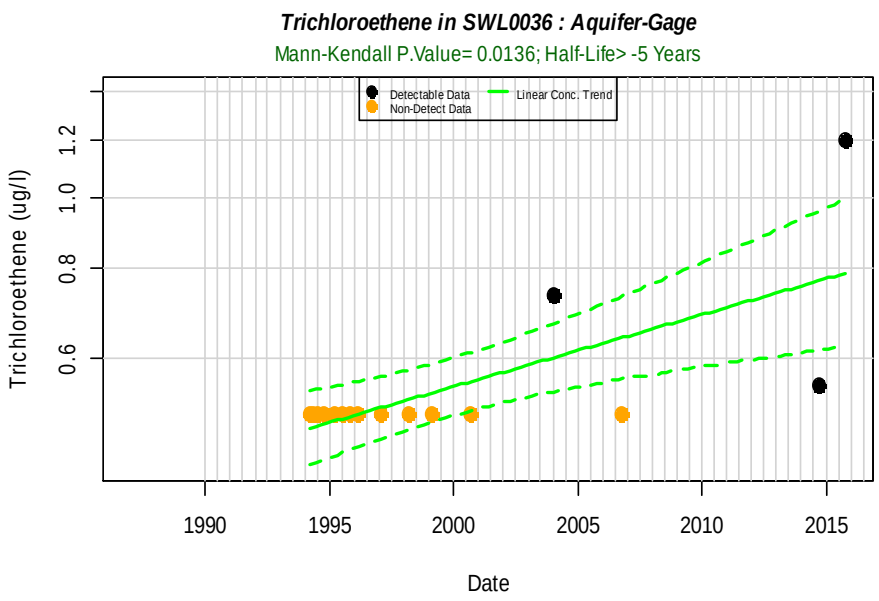

Trichloroethene in BF-33 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

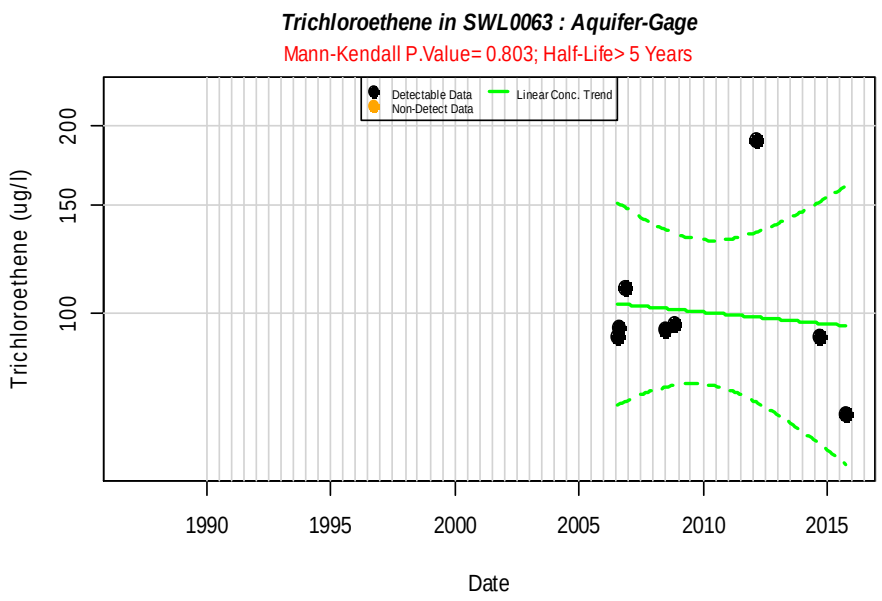

Trichloroethene in SWL0022 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1990
1995
2000
2005
2010
2015
Date

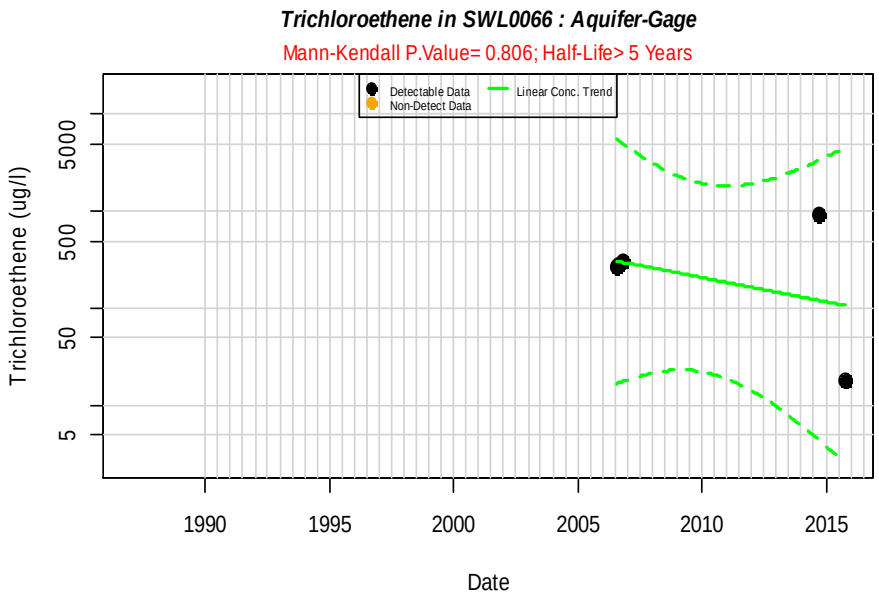

Trichloroethene in SWL0025 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1990
1995
2000
2005
2010
2015
Date

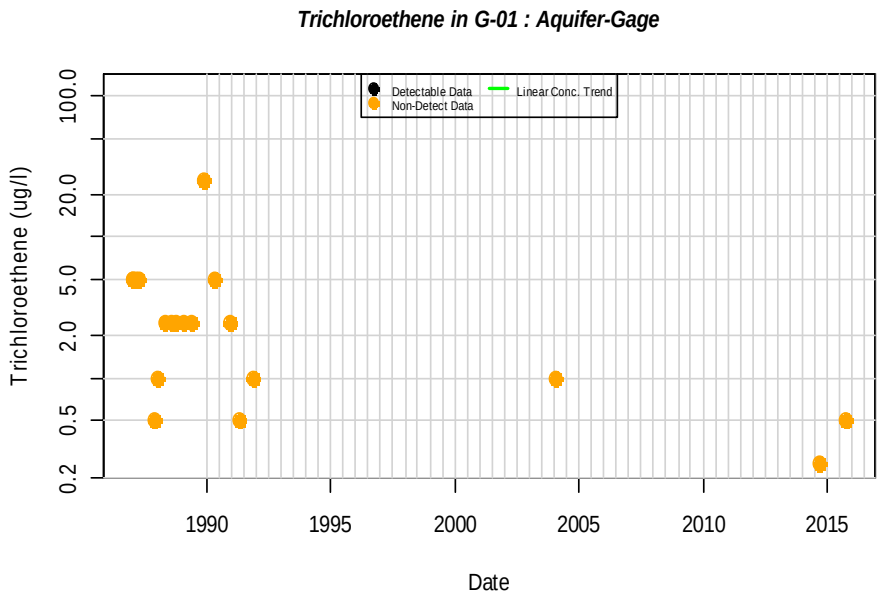

Trichloroethene in SWL0026 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1990
1995
2000
2005
2010
2015
Date

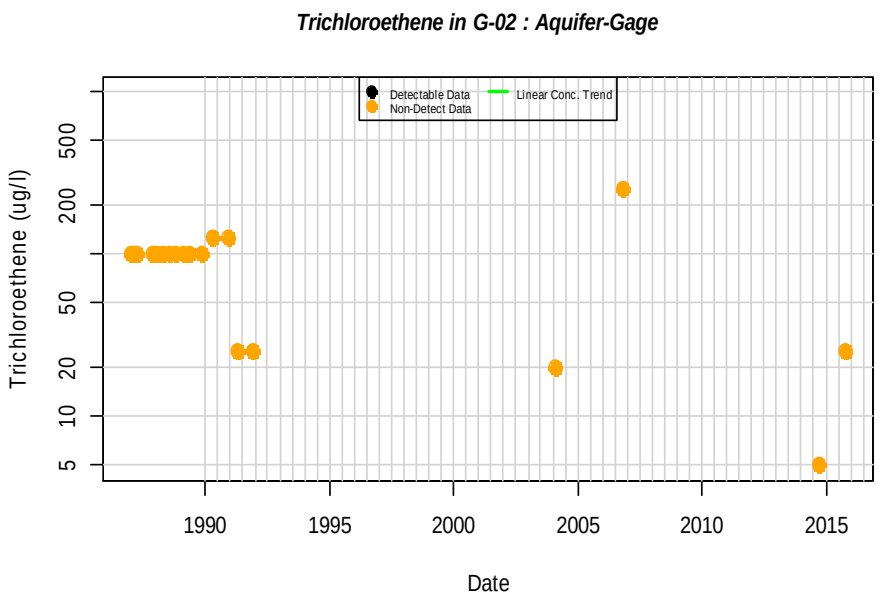

Trichloroethene in SWL0034 : Aquifer-Gage
Mann-Kendall P.Value= 0.634; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
50
200
1000
1990
1995
2000
2005
2010
2015
Date

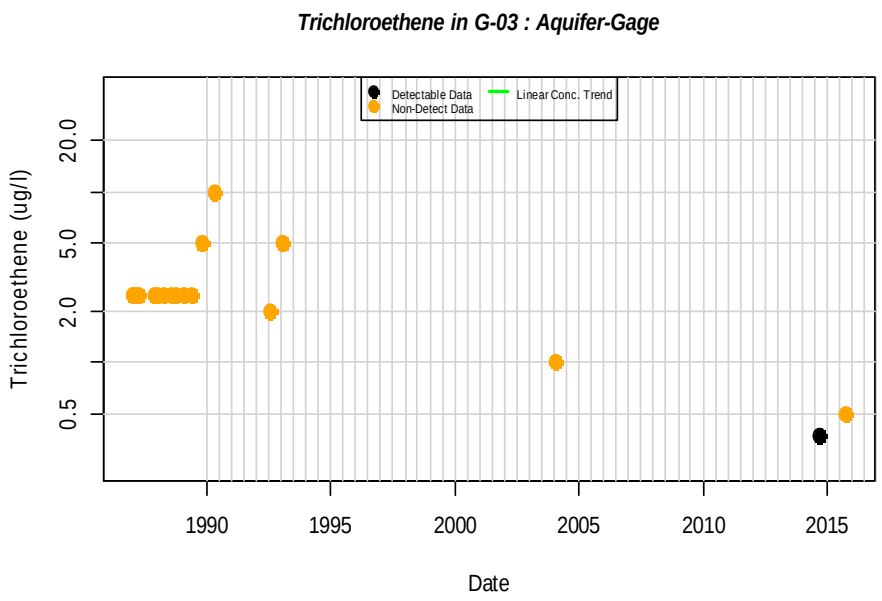

Trichloroethene in SWL0036 : Aquifer-Gage
Mann-Kendall P.Value= 0.0136; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.6
0.8
1.0
1.2
1990
1995
2000
2005
2010
2015
Date

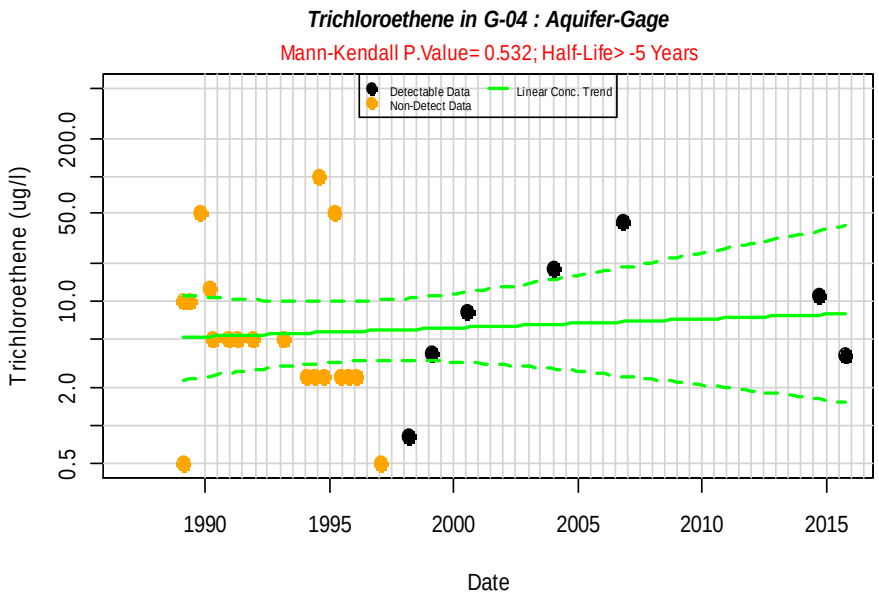

Trichloroethene in SWL0063 : Aquifer-Gage
Mann-Kendall P.Value= 0.803; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
100
150
200
1990
1995
2000
2005
2010
2015
Date

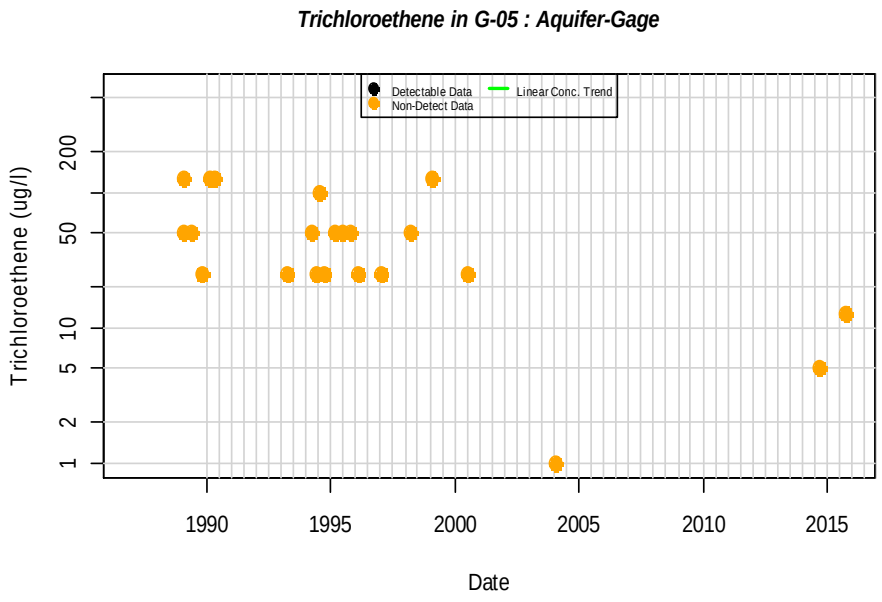

Trichloroethene in SWL0066 : Aquifer-Gage
Mann-Kendall P.Value= 0.806; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
50
500
5000
1990
1995
2000
2005
2010
2015
Date

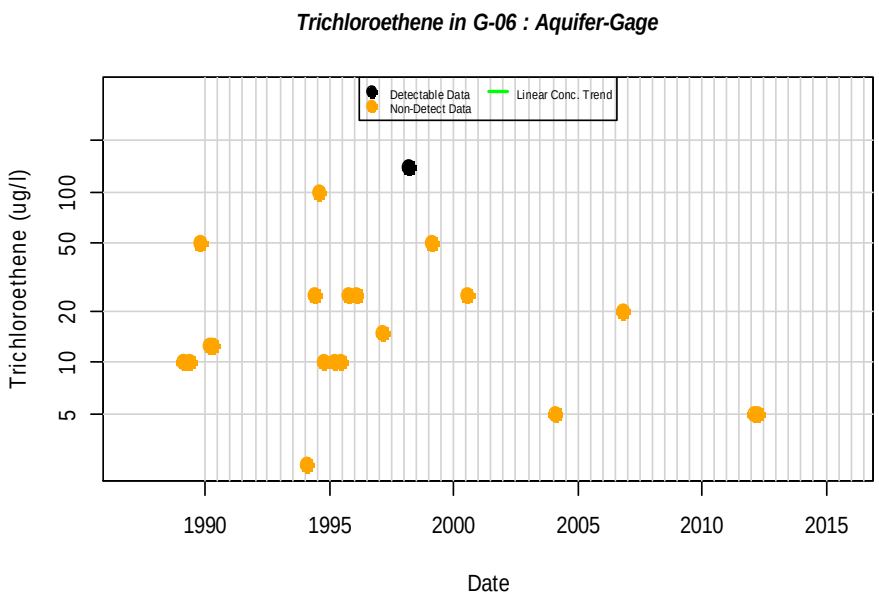

Trichloroethene in G-01 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

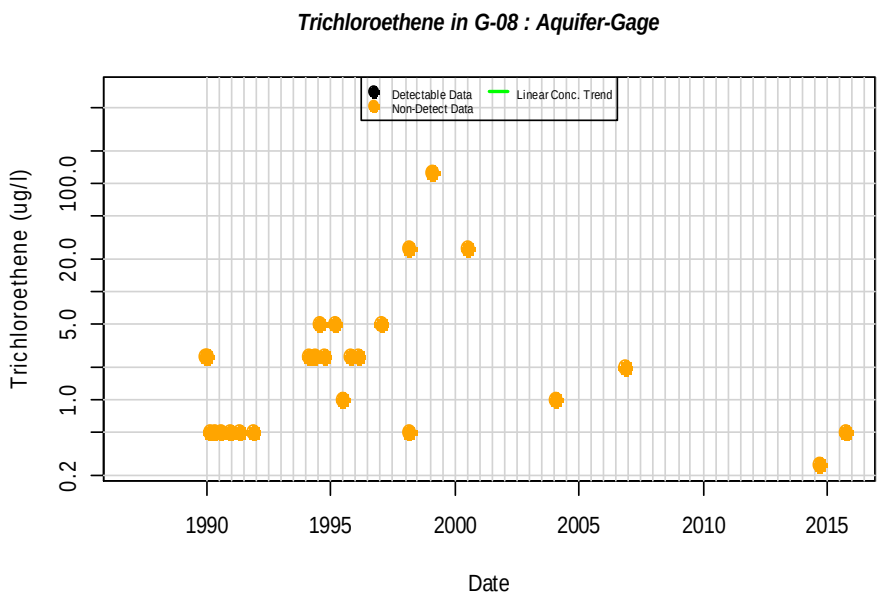

Trichloroethene in G-02 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
200
500
1990
1995
2000
2005
2010
2015
Date

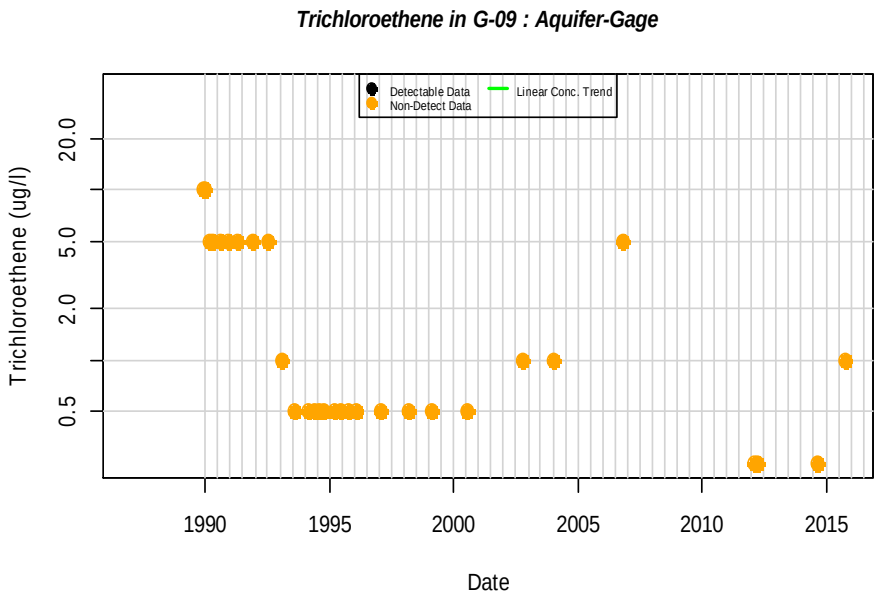

Trichloroethene in G-03 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
1990
1995
2000
2005
2010
2015
Date

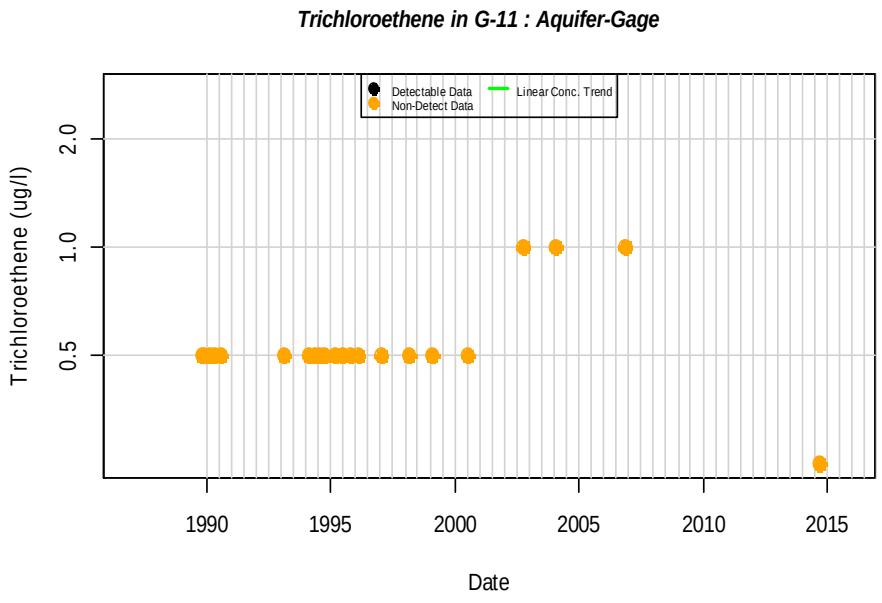

Trichloroethene in G-04 : Aquifer-Gage
Mann-Kendall P.Value= 0.532; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
10.0
50.0
200.0
1990
1995
2000
2005
2010
2015
Date

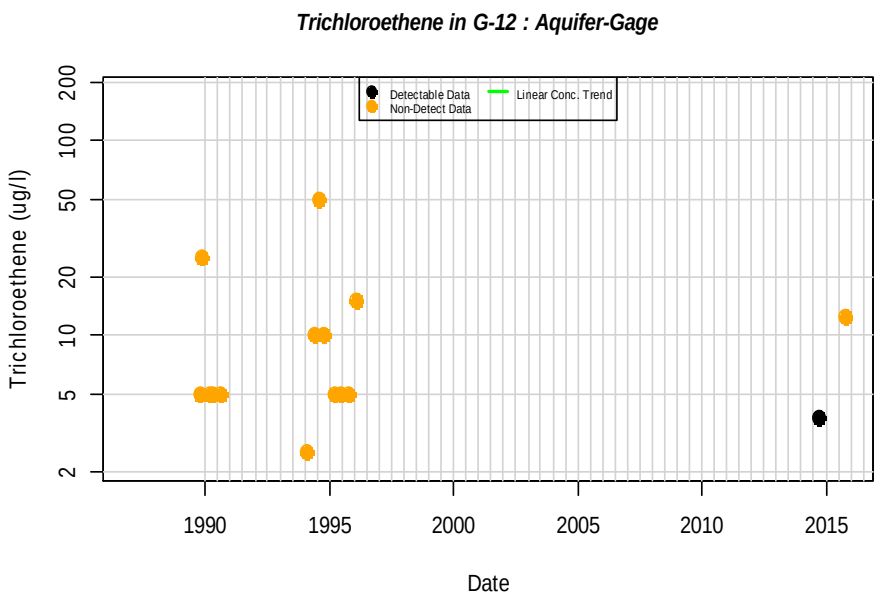

Trichloroethene in G-05 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
50
200
1990
1995
2000
2005
2010
2015
Date

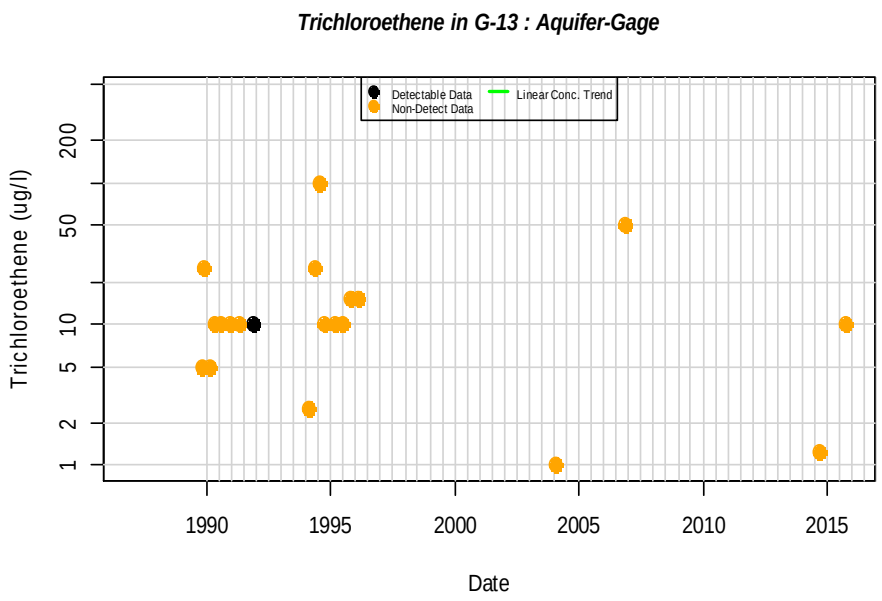

Trichloroethene in G-06 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
1990
1995
2000
2005
2010
2015
Date

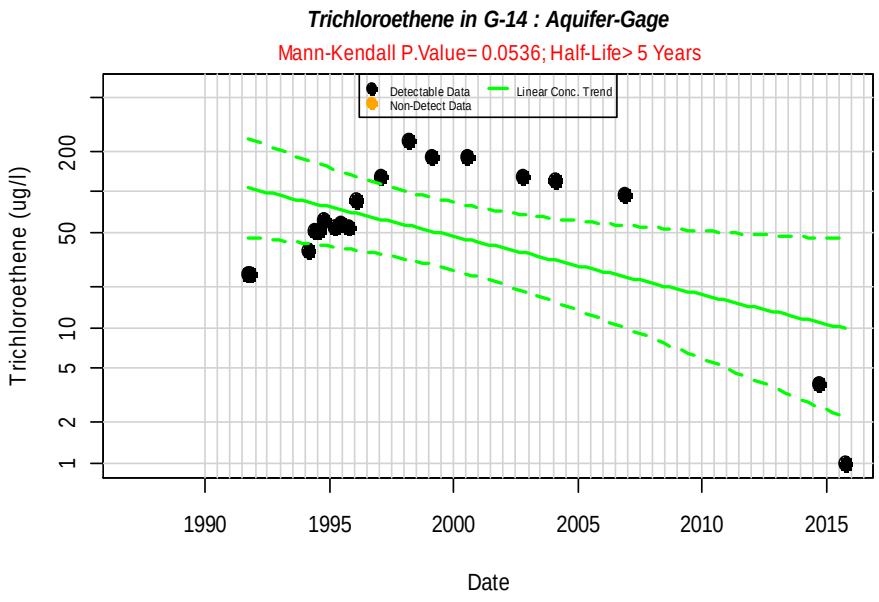

Trichloroethene in G-08 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

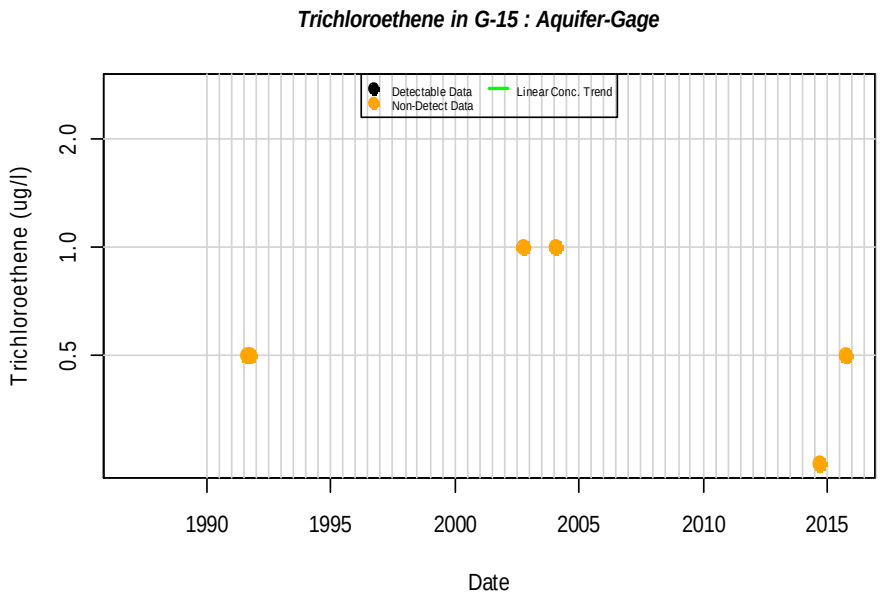

Trichloroethene in G-09 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
1990
1995
2000
2005
2010
2015
Date

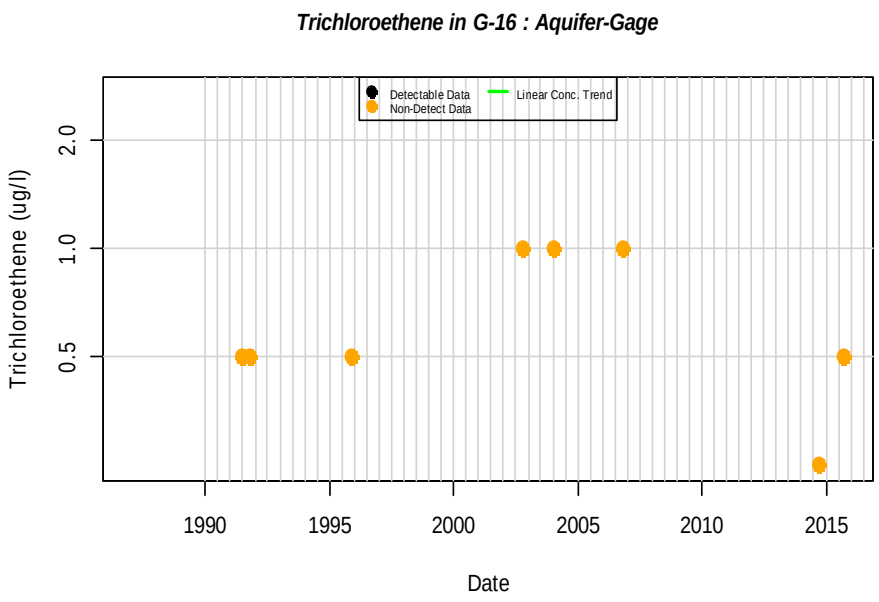

Trichloroethene in G-11 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

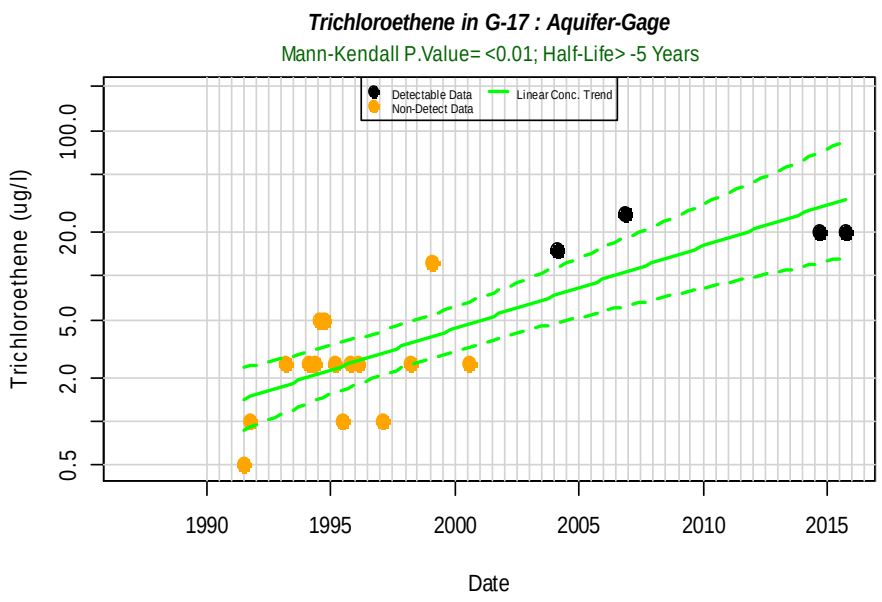

Trichloroethene in G-12 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
50
100
200
1990
1995
2000
2005
2010
2015
Date

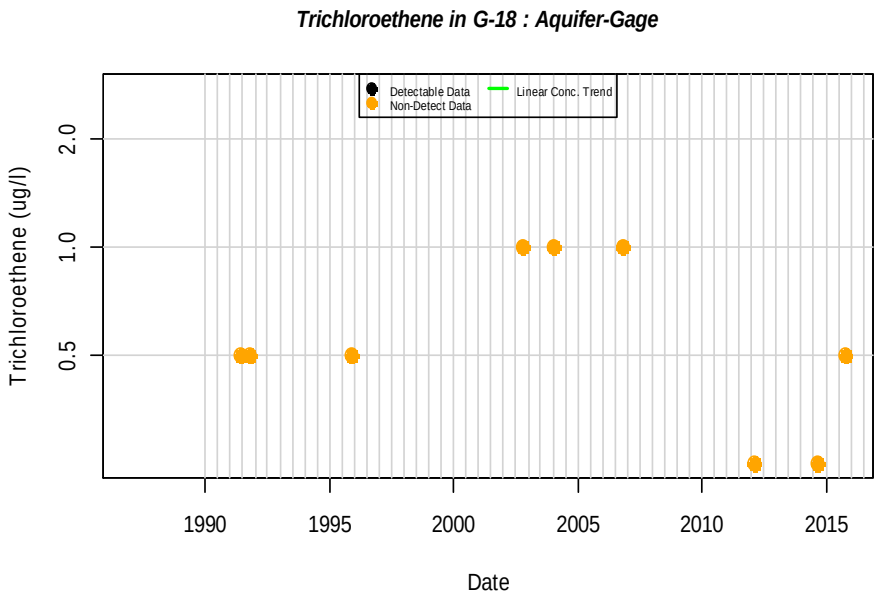

Trichloroethene in G-13 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
50
200
1990
1995
2000
2005
2010
2015
Date

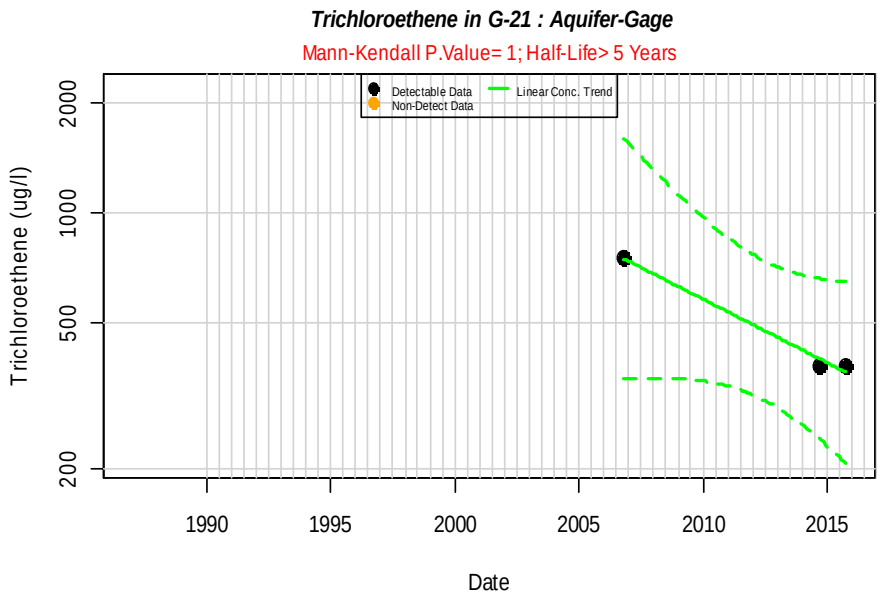

Trichloroethene in G-14 : Aquifer-Gage
Mann-Kendall P.Value= 0.0536; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
50
200
1990
1995
2000
2005
2010
2015
Date

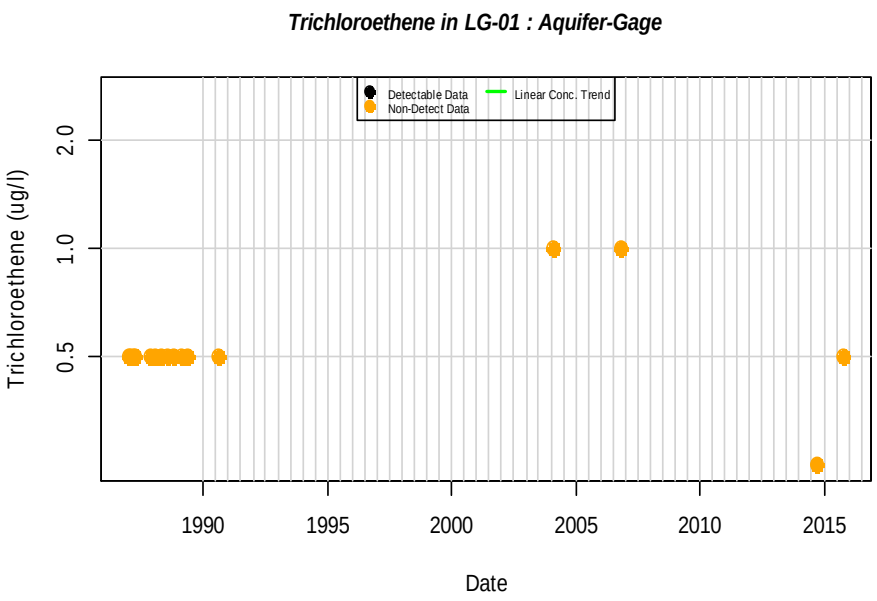

Trichloroethene in G-15 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

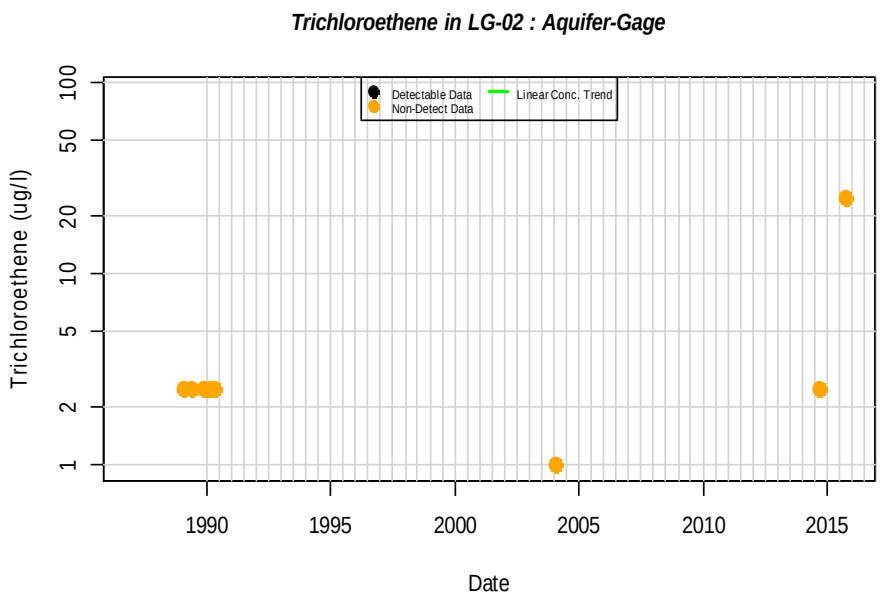

Trichloroethene in G-16 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date


Trichloroethene in G-17 : Aquifer-Gage
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date


Trichloroethene in G-18 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date


Trichloroethene in G-21 : Aquifer-Gage
Mann-Kendall P.Value= 1; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
500
1000
2000
1990
1995
2000
2005
2010
2015
Date


Trichloroethene in LG-01 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date


Trichloroethene in LG-02 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
20
50
100
1990
1995
2000
2005
2010
2015
Date

APPENDIX I

DATA VALIDATION

MONTROSE
DATA VALIDATION

Montrose Superfund Site
Data Quality Assessment
Aqueous Samples

Laboratory SDG #	Sample Ids.	No. of Samples	Sample Date	Parameter/ Analytical Method	Data Review Effort	QC Reviewed	Data Usability
15-08-1769	G20-082515, MW31-082515, BF34-082515, MW03-082515	4	8/25/2015	pCBSA/ EPA Method 314.0	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	No data required qualification as a result of this review effort.
15-08-1833	GOW01-082615, BF01-082615, BFOW01-082615, MW08-082615, MBFBOW01-082615, MBFBOW01-082615, MW17-082615, BF20-082615, BF20-082615, MW07-082615	10	8/26/2015				No data required qualification as a result of this review effort.
15-08-1944	BL13C-082715, P10-082715, P16C-082715, P26C-082715, P22-082715	5	8/27/2015				No data required qualification as a result of this review effort.
15-09-0165	MWC021-090215, MWC017-090215, CMW001-090215, MWB029-090215, CMW002-090215	5	9/2/2015				No data required qualification as a result of this review effort.
15-09-2371	PZL0025-093015, SWL0057-093015, SWL0037-093015, XMW27-093015, SWL0035-093015, SWL0013-093015, XMW21-093015	7	9/3/2015				No data required qualification as a result of this review effort.
15-10-0113	SWL0022-100115, SWL002200-100115, SWL0058-100115, SWL0010-100115, SWL0036-100115, SWL0025-100115, XG02WC-100115, XG02WC00-100115, XBF13-100115, SWL0023-100115, SWL0033-100115, SWL003300-100115, XG17-100115, XMW14-100115, XMW1400-100115	15	10/1/2015				Results for pCBSA in SWL0022-100115, SWL002200-100115, SWL0058-100115, XG02WC-100115, XG02WC00-100115, SWL0033-100115, SWL003300-100115, XG17-100115, XMW14-100115, and XMW1400-100115 were qualified estimated (J) due to poor reproducibilty between duplicate results and based on professional judgement
15-10-0185	SWL0053-100215, XMW28-100215, XMW29-100215, XBF06-100215, XBF0600-100215, SWL0063-100215	6	10/2/2015				No data required qualification as a result of this review effort.
15-10-0283	SWL0052-100515	1	10/5/2015				No data required qualification as a result of this review effort.
15-09-2139	TB-20150928, EB-20150928, MW-23-20150928, BF-14-20150928, G-13-20150928, G-1300-20150928, G-08-20150928, BF-15-20150928, BF-05-20150928, MW-12-20150928, G-16-20150928, MW-26-20150928, MW-24-20150928, MW-30-20150928, MW-01-20150928, MW-04-20150928, MW-05-20150928, MW-0500-20150928	18	9/28/2015	VOAs/EPA Method 8260B	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for vinyl acetate in all samples were qualifed estimated due to a MS/MSD RPD excursion. Results for bromomethane and 2,2-dichloropropane in all samples were qualified estimated (J, UJ) due to poor MS/MSD and/or LCS % recoveries. Results for chlorobenzene in MW-23-20150928 and MW-30-20150928 and for carbon disulfide in TB-20150928 were qualified as not detected (U) at the sample-specific RL or reported values, whichever is greater, due to associated blank contamination. Although calibration data were included in the data package and the narrative identified excursions, the impact of these excursions is outside the scope of a Stage 2A review.
		16		pCBSA/ EPA Method 314.0		Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for pCBSA in all samples were qualified as estimated (J, UJ) due to unacceptable MS/MSD recoveries and/or MS/MSD RPD values.

Montrose Superfund Site
Data Quality Assessment
Aqueous Samples

Laboratory SDG #	Sample Ids.	No. of Samples	Sample Date	Parameter/ Analytical Method	Data Review Effort	QC Reviewed	Data Usability
15-09-2295	SWL0049-20150928, SWL004900-20150928, SWL0026-20150929, SWL0027-20150929, G-18-20150929, G-19A-20150929, BF-24-20150929, G-OW-3-20150929, G-23-20150929, MW-10-20150928, MW-11-20150929, BF-10-20150929, G-09-20150929, BF-30-20150929, BF-22-20150929, G-27-20150929, BF-16-20150929, G-24-20150929, TB-20150929, EB-20150929, LW-06-20150929, LW-07-20150929, MW-19-20150929, MW-09-20150929	23	9/282015, 9/29/2015	VOAs/EPA Method 8260B	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for bromomethane in all samples were qualified estimated (UJ) due to poor MS/MSD % recoveries. Although calibration data were included in the data package and the narrative identified excursions, the impact of these excursions is outside the scope of a Stage 2A review.
		21		pCBSA/ EPA Method 314.0		Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	No data required qualification as a result of this review effort.
15-09-2375	BF-12-20150929, BF-1200-20150929, G-35-20150930, BF-28-20150930, BF-27-20150930, BF-36-20150930, G-32-20150930, G-15-20150930, BF-21-20150929, BF-OW-4-20150929, BF-32A-20150930, G-33-20150930, G-30-20150930, BF-31-20150930, G-26-20150930, G 2600-20150930, MW-22-20150930, TB-20150930, EB-20150930, BF-09-20150930, BF-03-20150930, MW-02-20150930, MW-0200-20150930, BF-02-20150930	24	9/29/2015, 9/30/2015	VOAs/EPA Method 8260B	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for bromomethane, tetrachloroethene, and carbon disulfide in all samples were qualified estimated (J, UJ) due to poor MS/MSD and/or LCS % recoveries. Results for chlorobenzene in G-35-20150930, BF-28-20150930, BF-36-20150930, G-32-2015-0930, BF-31-20150930, and MW-22-20150930 were qualified as not detected (U) at the sample-specific RL or reported value, whichever is greater due to blank contamination. Although calibration data were included in the data package and the narrative identified excursions, the impact of these excursions is outside the scope of a Stage 2A review.
		22		pCBSA/ EPA Method 314.0		Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	No data required qualification as a result of this review effort.

Montrose Superfund Site
Data Quality Assessment
Aqueous Samples

Laboratory SDG #	Sample Ids.	No. of Samples	Sample Date	Parameter/ Analytical Method	Data Review Effort	QC Reviewed	Data Usability
15-10-0112	LW-05-20151001, LG-01-20151001, G-21-20151001, G-02-20151001, LG-02-20151001, LG-0200-20151001, BF-04-20151001, BF-19-20151001, G-01-20151001, TB-20151001, LW-04-20150930, LW-0400-20150930, G-14-20150930, G-28-20151001, G-34-20151001, G-25-20151001, SWL0034-20151001, G-12-20151001, LW-01-20151001, BF-35-20151001, EB-20151001, BF-29-20150930, BF-33-20150930	23	9/302015, 10/1/2015	VOAs/EPA Method 8260B	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for bromomethane in all samples were qualified estimated (UJ) due to poor MS/MSD and/or LCS % recoveries. Results for naphthalene in BF-19-20151001, G-01-20151001, LW-04-20150930, LW-0400-20150930, G-14-20150930, G-28-20151001, G-34-20151001, G-25-20151001, SWL00034-20151001, G-12-20151001, LW-01-20151001, BF-35-20151001, and EB-20151001 were qualified as not detected (U) at the sample-specific RL or reported value, whichever is greater, due to blank contamination. Although calibration data were included in the data package and the narrative identified excursions, the impact of these excursions is outside the scope of a Stage 2A review.
		21		pCBSA/ EPA Method 314.0	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	No data required qualification as a result of this review effort.
15-10-0209	TB-20151002, EB-20151002, G-05-20151002, MW-16-20151002, MW-6-20151002, MW-13-20151002, G-29-20151002, G-31-20151002, LW-2-20151002	9	10/2/2015	VOAs/EPA Method 8260B	Level 4	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available), calibration, reported concentrations, mass spectra	Results for t-Butylbenzene in all samples were quailified as estimated (UJ) due to unacceptable IC RSD. Results for chloromethane and tetrachloroethene in G-05-20151002 and MW-16-20151002 were qualified estimated (UJ) due to loss in sensitivity from the IC.
		7		pCBSA/ EPA Method 314.0	Level 4	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available), calibration, reported concentrations	No data required qualification as a result of this review effort.
15-10-0569	TB-20151007, EB-20151007, SWL0011-20151007, G-03-20151007, G-04-20151007, MW-25-20151007, BF-23-20151007, BF-11-20151007, BF-17-20151007, BF-25-20151007	8	10/7/2015	VOAs/EPA Method 8260B	Level 4	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available), calibration, reported concentrations, mass spectra	Results for bromomethane in all samples were qualified estimated (UJ) due to poor LCS % recoveries and loss of sensitivity from the IC. Results for PCE in all samples and for acetone in G-04-20151007 were qualified estimated (J, UJ) due to loss of sensitivity from the IC.
		6		pCBSA/ EPA Method 314.0		Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available), calibration, reported concentrations	No data required qualification as a result of this review effort.

Montrose Superfund Site
Data Quality Assessment
Aqueous Samples

Laboratory SDG #	Sample Ids.	No. of Samples	Sample Date	Parameter/ Analytical Method	Data Review Effort	QC Reviewed	Data Usability
15-11-0053	TB-20151102, MBFB-EW-01-20151102, MBFB-EW-0100-20151102	3	11/2/2015	VOAs/EPA Method 8260B	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	No data required qualification as a result of this review effort.
		2		pCBSA/ EPA Method 314.0		Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for p-CBSA were qualified estimated (J) due to poor %D between field duplicates.

DEL AMO
DATA VALIDATION

AECOM

Data Validation Memorandum

999 W Town and Country Road
Orange, CA 92868

TO:	Julie Doane-Allmon	**FILE:**	29500877.05
FROM:	Lily Bayati, Senior Project Chemist	**SITE**:	Del Amo - 2015 GW Sampling Event
DATE:	February 10, 2016		

SUBJECT: Summary of Data Validation for Eurofins/Calscience Reports: 15-09-2353, 15-09-2354, 15-09-2359, 15-09-2373, 15-09-2374, 15-10-0103, 15-10-0104, 15-10-0105, 15-10-0106, 15-10-0107, 15-10-0212, 15-10-0213, 15-10-0214, 15-10-0215, 15-10-0220, 15-10-0429, 15-10-0430, and 15-10-1583

Introduction

This report summarizes the findings of the data validation of 95 water samples (including nine field duplicates), 17 trip blanks, and 17 equipment blanks. These samples were collected between September 30, and October 21, 2015 as part of the 2015 Groundwater (GW) Sampling Event at Del Amo Superfund Site. Eurofins/Calscience Laboratories in Garden Grove, California performed all analyses. The samples are listed in Table 1 included at the end of this document. The data were reviewed in accordance with AECOM Standard Operating Procedures, and the principles presented in *USEPA National Functional Guidelines For Inorganics Superfund Data Review (*EPA, 2010, 2014*)*, and *USEPA National Functional Guidelines for Superfund Organic Methods Data Review* (EPA, 2008, 2014).

Overall Assessment

The data reported in these sample delivery groups (SDGs), as qualified, are considered to be usable for meeting project objectives. All results are considered to be valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for analysis, for the project is 100%. Additionally, because all samples in this data set were collected and analyzed under similar prescribed conditions, the data within this set are considered to be comparable.

Data Review Narratives

Ninety-five (95) water samples were collectively analyzed for volatile organic compounds (VOCs; EPA method 8260B), methane (RSK-175M), alkalinity (Standard method; SM 2320B), nitrate, sulfate (EPA method 300.0), ferrous iron (SM 3500-FeB), carbon dioxide (SM 4500-CO2D), manganese (EPA method 6010B), polynuclear aromatic hydrocarbons (EPA method 8270C), gasoline range organics (GRO C6-C12; EPA method 8015B modified), TPH carbon range (C6-C44; EPA method 8015B), ignitability (EPA method 1010), and total metals (EPA methods 6010B, 747A). In addition, 17 trip blanks, and 17 equipment blanks were analyzed for VOCs (EPA method 8260B). The laboratory data were reviewed to evaluate compliance with these methods and the quality of the data reported (EPA Superfund Stage 2A/2B validation). Full validation including recalculation (EPA Superfund Stage 4A validation) was performed on more than 10% of the laboratory data. The following summarizes the results of this review.

The areas of review are listed below. A check mark (✓) indicates an area of review in which all data were acceptable. A crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Data Completeness
⊗ Holding Times and Preservation
✓ Calibrations (Full Validation)
✓ Internal Standards (Full Validation)
✓ GC/MS Instrument Performance Check Samples (Full Validation)
✓ Interference Check Samples; ICS (Full Validation)
⊗ Blanks
✓ System Monitoring Compounds (Surrogates)
✓ Laboratory Control Samples (LCS)
⊗ Matrix Spike/Matrix Spike Duplicate Samples (MS/MSD)
✓ Field Duplicates
✓ Laboratory Duplicates
✓ Analyte Identification and Quantitation

1. Data Completeness
All analyses were performed as requested on the chain-of-custody records (COCs). The laboratory reported all requested analyses and the deliverable data reports were complete.

2. Holding Times and Preservation
All analyses were performed within the method-specified holding times with the exceptions listed in the following table. In addition, all samples were collected and preserved appropriately.

Method	Sample	Analyte	Date Sampled	Date Prepared	Date Analyzed	Qualifier
SM 3500-FeB	**GWS02530**	Iron II	10/2/15	10/4/15	10/5/15	**J**
	GWS02584					
	GWS02539					
	GWS02556					
	GWS02510					
	GWS02546					
	GWS02533					
	GWS02531					
	GWS02536					
	GWS02563					
	GWS02509					

3. Calibration (Full Validation)

3.1 Initial Calibration (IC)
Appropriate initial calibrations were performed for each analyte for each method. Compliance requirements for each method were met and did not require data qualification.

3.2 Initial Calibration Verification, Continuing Calibration Verification (ICV, CCV)
The acceptance criteria for all ICVs and CCVs were met or did not require qualification.

3.3 Initial Calibration Blanks, Continuing Calibration Blanks (ICB, CCB)
Manganese was not detected in the ICBs and CCBs.

4. Internal Standards (Full Validation)

All internal standard retention times were within ±30 seconds of the associated continuing calibration internal standard retention time. All internal standard area counts were within the acceptance criteria (>50% and <200%) of the associated continuing calibrations internal standard area counts.

5. GC/MS Instrument Performance Check Samples (Full Validation)
Compliance requirements for instrument performance check samples were met for all applicable analyses.

6. Interference Check Samples; ICS (Full Validation)
ICSs were analyzed at the proper frequency and location during the analytical runs for the manganese analyses. All ICS results met acceptance criteria.

7. Blanks
Method blanks were analyzed at the proper frequency for the number and types of samples analyzed. Target analytes were either not detected in the associated method blanks, trip blanks, and equipment blanks or did not require data qualification with the following exceptions.

Method	Blank	Analyte	Concentration	Qualified Samples	Qualifier
EPA 8260B	**MB151003L002**	Benzene	0.20 ug/L	**GWS02562, GWS02601 GWS02529, GWS02588**	**U**
	MB151009I050	Carbon disulfide	0.71 ug/L	**SWL0003, IWS00279**	
Note: MB = Method Blank					

8. System Monitoring Compounds (Surrogates)
Appropriate numbers of surrogate compounds were spiked into each sample for the EPA 8260B, 8270C, and 8015B analyses. All surrogate compound recoveries were within the laboratory's statistically determined acceptance ranges.

9. Laboratory Control Samples (LCS)
LCSs were prepared and analyzed at the proper frequency for each analysis. All LCS and LCS duplicate (LCSD) recoveries reported and relative percent differences (RPDs) between the results (for applicable analytical batches) were within the laboratory's statistically determined acceptance ranges. These LCS results indicate that the level of accuracy demonstrated by the analytical method with respect to a clean sample matrix is acceptable.

10. Matrix Spike/Matrix Spike Duplicate (MS/MSD)
Several project samples were utilized for the MS/MSD analyses. The average recoveries of all MS/MSDs reported and the RPDs between the results were either within the laboratory's statistically determined acceptance ranges or did not require qualification with the following exceptions.

Method	Sample	Analyte	Average Recovery	RPD	Qualified Samples	Qualifier
EPA 300.0	**GWS02555**	Sulfate	173.5%*	1	**GWS02555, GWS02553 GWS02598 GWS02526, GWS02519, GWS02561 GWS02524, GWS02591 GWS02522 GWS02557 GWS02530, GWS02584 GWS02539, GWS02510 GWS02563 GWS02509, GWS02546**	**J**
	GWS02598	Sulfate	129.5%*	0		
	GWS02561	Sulfate	212%*	0		
	GWS02530	Sulfate	212%*	0		
	GWS02584	Sulfate	169%*	2		
Notes: * Outlier						

11. Field Duplicates
The following samples were submitted to the laboratory as field duplicate pairs.

Primary Sample	Field Duplicate
GWS02530	GWS02584
GWS02576	GWS02585
GWS02554	GWS02586
GWS02520	GWS02587
GWS02529	GWS02588
GWS02543	GWS02589
GWS02564	GWS02590
GWS02557	GWS02591
GWS02534	GWS02592

Acceptable field and analytical precision was demonstrated for all analytes for all field duplicate pairs.

12. Laboratory Duplicates
Acceptable analytical precision was demonstrated for all laboratory duplicate analyses.

13. Target Analyte Identification and Quantitation (Full Validation)
All analytes reported and the reporting limits obtained comply with project specifications. All dilutions were appropriate. In addition, this data review process included result recalculation and transcription error checking from the raw data for more than 10% of the data. All results checked were confirmed.

Table 1
Eurofins/ Calscience Laboratories

Sample	SDG	Sample Number	Date Sampled	Analysis Performed
FBS02062 (Trip Blank)	15-09-2353	15-09-2353-1	9/30/15	EPA 8260B
FBS02072 (Equipment Blank)	15-09-2353	15-09-2353-2	9/30/15	EPA 8260B
GWS02555	15-09-2353	15-09-2353-3	9/30/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02559	15-09-2353	15-09-2353-4	9/30/15	EPA 8260B
FBS02064 (Trip Blank)	15-09-2354	15-09-2354-1	9/30/15	EPA 8260B
FBS02076 (Equipment Blank)	15-09-2354	15-09-2354-2	9/30/15	EPA 8260B
GWS02537	15-09-2354	15-09-2354-3	9/30/15	EPA 8260B
GWS02598	15-09-2354	15-09-2354-4	9/30/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02553	15-09-2354	15-09-2354-5	9/30/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02568	15-09-2354	15-09-2354-6	9/30/15	EPA 8260B
FBS02074 (Trip Blank)	15-09-2359	15-09-2359-1	9/30/15	EPA 8260B
FBS02066 (Equipment Blank)	15-09-2359	15-09-2359-2	9/30/15	EPA 8260B
GWS02506	15-09-2359	15-09-2359-3	9/30/15	EPA 8260B
GWS02526	15-09-2359	15-09-2359-4	9/30/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02519	15-09-2359	15-09-2359-5	9/30/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
FBS02063 (Trip Blank)	15-09-2373	15-09-2373-1	9/30/15	EPA 8260B
FBS02073 (Equipment Blank)	15-09-2373	15-09-2373-2	9/30/15	EPA 8260B
GWS02507	15-09-2373	15-09-2373-3	9/30/15	EPA 8260B
GWS02511	15-09-2373	15-09-2373-4	9/30/15	EPA 8260B
FBS02065 (Trip Blank)	15-09-2374	15-09-2374-1	9/30/15	EPA 8260B
FBS02075 (Equipment Blank)	15-09-2374	15-09-2374-2	9/30/15	EPA 8260B
GWS02518	15-09-2374	15-09-2374-3	9/30/15	EPA 8260B
GWS02545	15-09-2374	15-09-2374-4	9/30/15	EPA 8260B
GWS02565	15-09-2374	15-09-2374-5	9/30/15	EPA 8260B
FBS02068 (Trip Blank)	15-10-0103	15-10-0103-1	10/1/15	EPA 8260B
FBS02079 (Equipment Blank)	15-10-0103	15-10-0103-2	10/1/15	EPA 8260B
GWS02561	15-10-0103	15-10-0103-3	10/1/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS01597	15-10-0103	15-10-0103-4	10/1/15	EPA 8260B
GWS02590 (Field Duplicate of GWS02564)	15-10-0103	15-10-0103-5	10/1/15	EPA 8260B
GWS02564	15-10-0103	15-10-0103-6	10/1/15	EPA 8260B
GWS02566	15-10-0103	15-10-0103-7	10/1/15	EPA 8260B

Table 1
Eurofins/ Calscience Laboratories

Sample	SDG	Sample Number	Date Sampled	Analysis Performed
GWS02572	15-10-0103	15-10-0103-8	10/1/15	EPA 8260B
FBS02069 (Trip Blank)	15-10-0104	15-10-0104-1	10/1/15	EPA 8260B
GWS02080	15-10-0104	15-10-0104-2	10/1/15	EPA 8260B
GWS02513	15-10-0104	15-10-0104-3	10/1/15	EPA 8260B
GWS02505	15-10-0104	15-10-0104-4	10/1/15	EPA 8260B
GWS02503	15-10-0104	15-10-0104-5	10/1/15	EPA 8260B
GWS02516	15-10-0104	15-10-0104-6	10/1/15	EPA 8260B
GWS02523	15-10-0104	15-10-0104-7	10/1/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02524	15-10-0104	15-10-0104-8	10/1/15	EPA 8260B
FBS02078 (Trip Blank)	15-0-0105	15-10-0105-1	10/1/15	EPA 8260B
FBS02067 (Equipment Blank)	15-0-0105	15-10-0105-2	10/1/15	EPA 8260B
GWS02573	15-0-0105	15-10-0105-3	10/1/15	EPA 8260B
GWS02548	15-0-0105	15-10-0105-4	10/1/15	EPA 8260B
GWS02580	15-0-0105	15-10-0105-5	10/1/15	EPA 8260B
GWS02527	15-0-0105	15-10-0105-6	10/1/15	EPA 8260B
GWS02578	15-0-0105	15-10-0105-7	10/1/15	EPA 8260B
GWS02593	15-0-0105	15-10-0105-8	10/1/15	EPA 8260B
GWS02544	15-0-0105	15-10-0105-9	10/1/15	EPA 8260B
FBS02081 (Trip Blank)	15-10-0106	15-10-0106-1	10/1/15	EPA 8260B
FBS02070 (Equipment Blank)	15-10-0106	15-10-0106-2	10/1/15	EPA 8260B
GWS02540	15-10-0106	15-10-0106-3	10/1/15	EPA 8260B
GWS02508	15-10-0106	15-10-0106-4	10/1/15	EPA 8260B
GWS02560	15-10-0106	15-10-0106-5	10/1/15	EPA 8260B
GWS02583	15-10-0106	15-10-0106-6	10/1/15	EPA 8260B
GWS02576	15-10-0106	15-10-0106-7	10/1/15	EPA 8260B
GWS02591 (Field Duplicate of GWS02557)	15-10-0106	15-10-0106-8	10/1/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02569	15-10-0106	15-10-0106-9	10/1/15	EPA 8260B
GWS02522	15-10-0106	15-10-0106-10	10/1/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02585 (Field Duplicate of GWS02576)	15-10-0106	15-10-0106-11	10/1/15	EPA 8260B
GWS02557	15-10-0106	15-10-0106-12	10/1/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
FBS02071 (Trip Blank)	15-10-0107	15-10-0107-1	10/1/15	EPA 8260B
FBS02077 (Equipment Blank)	15-10-0107	15-10-0107-2	10/1/15	EPA 8260B
GWS02579	15-10-0107	15-10-0107-3	10/1/15	EPA 8260B
GWS02581	15-10-0107	15-10-0107-4	10/1/15	EPA 8260B
GWS02562	15-10-0107	15-10-0107-5	10/1/15	EPA 8260B
GWS02550	15-10-0107	15-10-0107-6	10/1/15	EPA 8260B

Table 1
Eurofins/ Calscience Laboratories

Sample	SDG	Sample Number	Date Sampled	Analysis Performed
GWS02601	15-10-0107	15-10-0107-7	10/1/15	EPA 8260B
GWS02529	15-10-0107	15-10-0107-8	10/1/15	EPA 8260B
GWS02588 (Field Duplicate of GWS02529)	15-10-0107	15-10-0107-9	10/1/15	EPA 8260B
FBS02103 (Trip Blank)	15-10-0212	15-10-0212-1	10/2/15	EPA 8260B
FBS02083 (Equipment Blank)	15-10-0212	15-10-0212-2	10/2/15	EPA 8260B
GWS02549	15-10-0212	15-10-0212-3	10/2/15	EPA 8260B
GWS02594	15-10-0212	15-10-0212-4	10/2/15	EPA 8260B
GWS02571	15-10-0212	15-10-0212-5	10/2/15	EPA 8260B
GWS02574	15-10-0212	15-10-0212-6	10/2/15	EPA 8260B
GWS02554	15-10-0212	15-10-0212-7	10/2/15	EPA 8260B
GWS02586 (Field Duplicate of GWS02554)	15-10-0212	15-10-0212-8	10/2/15	EPA 8260B
GWS02575	15-10-0212	15-10-0212-9	10/2/15	EPA 8260B
GWS02530	15-10-0212	15-10-0212-10	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02584 (Field Duplicate of GWS02530)	15-10-0212	15-10-0212-11	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
FBS02084 (Trip Blank)	15-10-0213	15-10-0213-1	10/2/15	EPA 8260B
FBS02106 (Equipment Blank)	15-10-0213	15-10-0213-2	10/2/15	EPA 8260B
GWS02539	15-10-0213	15-10-0213-3	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02556	15-10-0213	15-10-0213-4	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02515	15-10-0213	15-10-0213-5	10/2/15	EPA 8260B
GWS02510	15-10-0213	15-10-0213-6	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02543	15-10-0213	15-10-0213-7	10/2/15	EPA 8260B
GWS02589	15-10-0213	15-10-0213-8	10/2/15	EPA 8260B
FBS02102 (Trip Blank)	15-10-0214	15-10-0214-1	10/2/15	EPA 8260B
FBS02082 (Equipment Blank)	15-10-0214	15-10-0214-2	10/2/15	EPA 8260B
GWS02528	15-10-0214	15-10-0214-3	10/2/15	EPA 8260B
GWS02538	15-10-0214	15-10-0214-4	10/2/15	EPA 8260B
GWS02582	15-10-0214	15-10-0214-5	10/2/15	EPA 8260B
GWS02546	15-10-0214	15-10-0214-6	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02547	15-10-0214	15-10-0214-7	10/2/15	EPA 8260B
GWS02525	15-10-0214	15-10-0214-8	10/2/15	EPA 8260B
GWS02541	15-10-0214	15-10-0214-9	10/2/15	EPA 8260B
FBS02105 (Trip Blank)	15-10-0215	15-10-0215-1	10/2/15	EPA 8260B
FBS02085 (Equipment Blank)	15-10-0215	15-10-0215-2	10/2/15	EPA 8260B
GWS02517	15-10-0215	15-10-0215-3	10/2/15	EPA 8260B

Table 1
Eurofins/ Calscience Laboratories

Sample	SDG	Sample Number	Date Sampled	Analysis Performed
GWS02533	15-10-0215	15-10-0215-4	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02531	15-10-0215	15-10-0215-5	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02536	15-10-0215	15-10-0215-6	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02595	15-10-0215	15-10-0215-7	10/2/15	EPA 8260B
GWS02563	15-10-0215	15-10-0215-8	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02512	15-10-0215	15-10-0215-9	10/2/15	EPA 8260B
GWS02509	15-10-0215	15-10-0215-10	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
FBS02101 (Trip Blank)	15-10-0220	15-10-0220-1	10/2/15	EPA 8260B
FBS02081 (Equipment Blank)	15-10-0220	15-10-0220-2	10/2/15	EPA 8260B
GWS02570	15-10-0220	15-10-0220-3	10/2/15	EPA 8260B
GWS02577	15-10-0220	15-10-0220-4	10/2/15	EPA 8260B
FBS02086 (Equipment Blank)	15-10-0220	15-10-0220-5	10/2/15	EPA 8260B
GWS02596	15-10-0220	15-10-0220-6	10/2/15	EPA 8260B
GWS02542	15-10-0220	15-10-0220-7	10/2/15	EPA 8260B
GWS02504	15-10-0220	15-10-0220-8	10/2/15	EPA 8260B
FBS02106 (Trip Blank)	15-10-0429	15-10-0429-1	10/5/15	EPA 8260B
FBS02087 (Equipment Blank)	15-10-0429	15-10-0429-2	10/5/15	EPA 8260B
GWS02520	15-10-0429	15-10-0429-3	10/5/15	EPA 8260B
GWS02587 (Field Duplicate of GWS02520)	15-10-0429	15-10-0429-4	10/5/15	EPA 8260B
GWS02558	15-10-0429	15-10-0429-5	10/5/15	EPA 8260B
GWS02534	15-10-0429	15-10-0429-6	10/5/15	EPA 8260B
GWS02592 (Field Duplicate of GWS02534)	15-10-0429	15-10-0429-7	10/5/15	EPA 8260B
GWS02535	15-10-0429	15-10-0429-8	10/5/15	EPA 8260B
TB-1 (Trip Blank)	15-10-0430	15-10-0430-1	10/6/15	EPA 8260B
EB-1 (Equipment Blank)	15-10-0430	15-10-0430-2	10/6/15	EPA 8260B
SWL0003	15-10-0430	15-10-0430-3	10/6/15	EPA 8260B
IWS00279	15-10-0430	15-10-0430-4	10/6/15	EPA 8260B, 8015B, 6010B, 7470A
NDS00003	15-10-1583	15-10-1583-1	10/21/15	EPA 8260B, 8270C
NLS00019	15-10-1583	15-10-1583-2	10/21/15	EPA 8260B, 8270C, 1010A

Notes:

SDG:	Sample Delivery Group	EPA 6010B:	Manganese	EPA 1010A:	Flash Point
EPA 8260B:	Volatile Organic Compounds (VOCs)	EPA 6010B[1]:	Total Metals	RSK-175M:	Methane
EPA 300.0:	Nitrate, Sulfate	EPA 1010A:	Flash Point		
SM 3500-FeB:	Ferrous Iron	SM4500-CO2D:	Carbon Dioxide		
SM 2320B:	Alkalinity	EPA 8270C:	Polynuclear Aromatic Hydrocarbons (PAHs)		
EPA 8015B:	Gasoline Range Organics (GRO C6-C12), TPH-Carbon Range (C13-C44)				

ATTACHMENT A
DATA VALIDATION QUALIFIER DEFINITIONS AND INTERPRETATION KEY
Assigned by AECOM Data Review Team

DATA QUALIFIER DEFINITIONS FOR ORGANIC ANALYES

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The result is an estimated quantity, but the result may be biased high.

J- The result is an estimated quantity, but the result may be biased low.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

DATA QUALIFIER DEFINITIONS FOR INORGANIC ANALYSES

U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J+ The result is an estimated quantity, but the result may be biased high.

J- The result is an estimated quantity, but the result may be biased low.

UJ The analyte was analyzed for, but was not detected. The reported sample quantitation limit is approximate and may be inaccurate or imprecise.

R The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control (QC) criteria. The analyte may or may not be present in the sample.

AECOM DATA QUALIFIER DEFINITIONS — REASON CODE DEFINITIONS

a Analytical sequence deficiency or omission.
b Gross compound breakdown (4,4'-DDT/Endrin).
c Calibration failure; poor or unstable response.
d Laboratory duplicate imprecision.
e Laboratory duplicate control sample imprecision.
f Field duplicate imprecision.
g Poor chromatography.
h Holding time violation.
i Internal standard failure.
j Poor mass spectrographic performance.
k Serial dilution imprecision.
l Laboratory control sample recovery failure.
m Matrix spike/matrix spike duplicate recovery failure.
n Interference check sample recovery failure.
o Calibration blank contamination (metals/inorganics only).
p Preparation blank contamination (metals/inorganics only).
q Quantitation outside linear range.
r Linearity failure in initial calibration.
s Surrogate spike recovery failure (GC organics and GC/MS organics only).
t Instrument tuning failure.
u No valid confirmation column (GC Organics only).
v Value is estimated below the MDA (Rads only).
w Retention time (RT) outside of RT window.
x Field blank contamination.
y Trip blank contamination.
z Method blank contamination.

INTERPRETATION KEY

The following example shows how an analytical result which includes qualifiers assigned by both the AECOM data review team and the analytical laboratory could be displayed in the data tables:

<5.20 Uz | JB

The qualifier assigned by the AECOM data review team precedes the "|"; the qualifier assigned by the laboratory follows it. In this example, the result is qualified as a non-detection data to the bias introduced by contamination of the associated method blank. Presence of the analyte in the method blank is indicated by the laboratory qualifier (B). The qualifier assigned by the AECOM data review team (Uz) indicates that the analyte concentration is considered to be below the adjusted detection limit (quantitation limit) based on the level of contamination in the method blank.

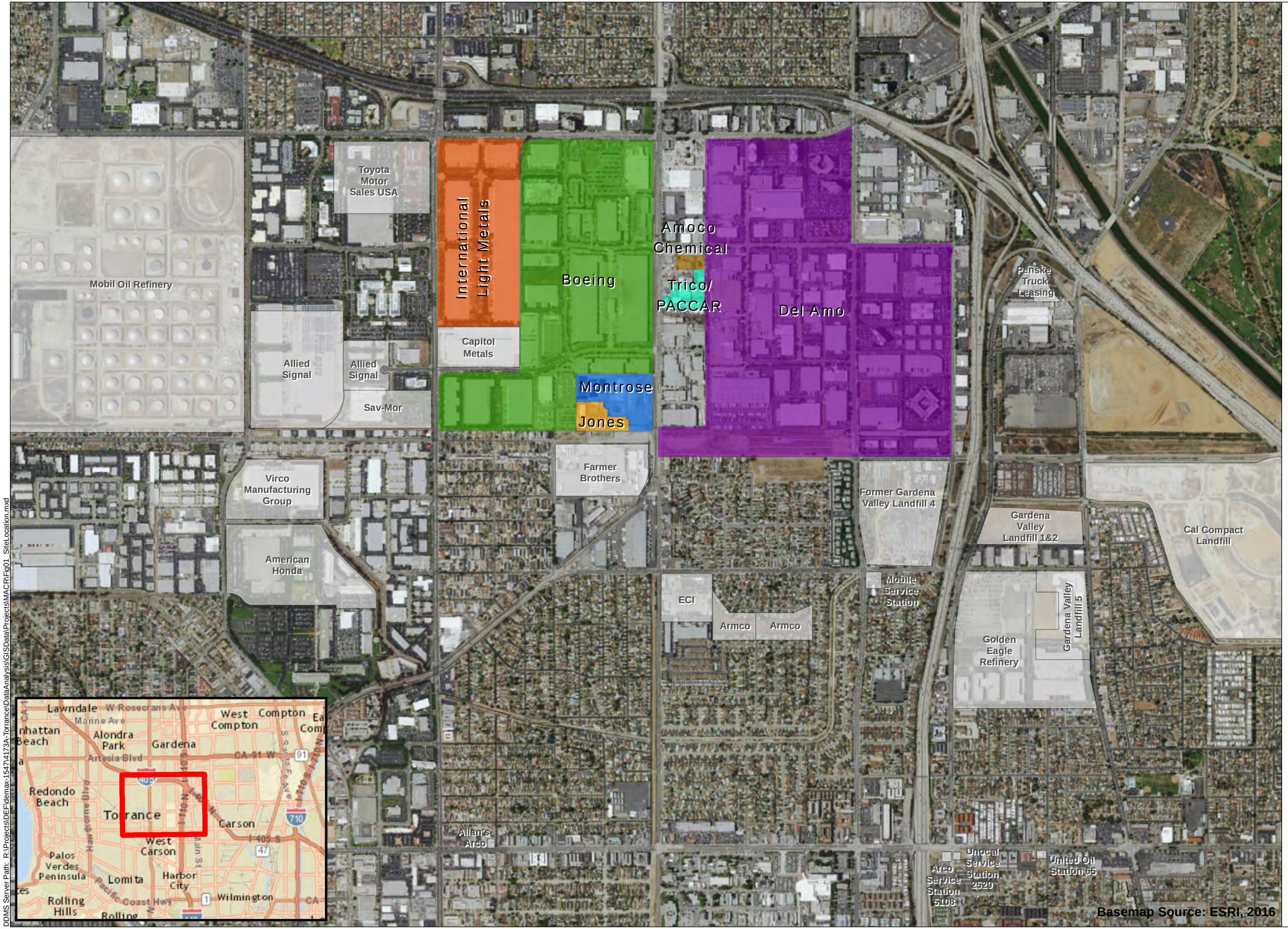
FIGURES

Figure 1

Site Location Map

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016



Key Dual Site OU Facilities

- Montrose
- Del Amo
- Former Boeing Corp
- International Light Metals
- Jones Chemical
- Trico/PACCAR
- Amoco Chemical
- Other Facility as Labeled

N

0 600 1,200 Feet

1 inch = 1,216 feet

Figure generated by ddms

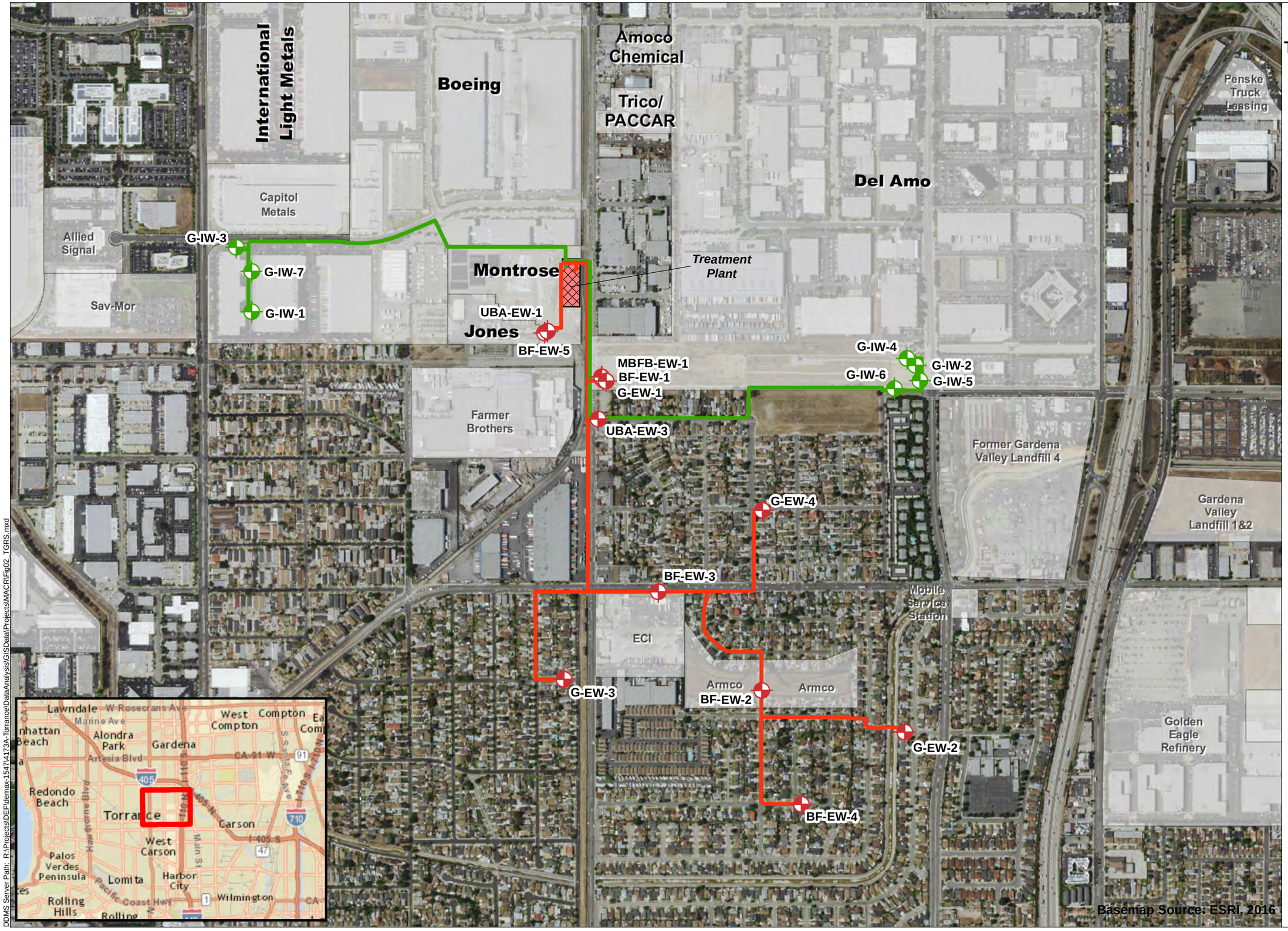
DDMS Server Path: R:\Projects\DEF\dimax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig01_SiteLocation.mxd

Figure 2

Torrance Groundwater Remediation System Infrastructure Map

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016



Basemap Source: ESRI, 2016

TGRS Extraction Well
TGRS Injection Well
Extraction Piping
Injection Piping
Treatment Plant
Facility as Labeled

N

0 350 700 Feet

1 inch = 700 feet

Figure generated by ddms

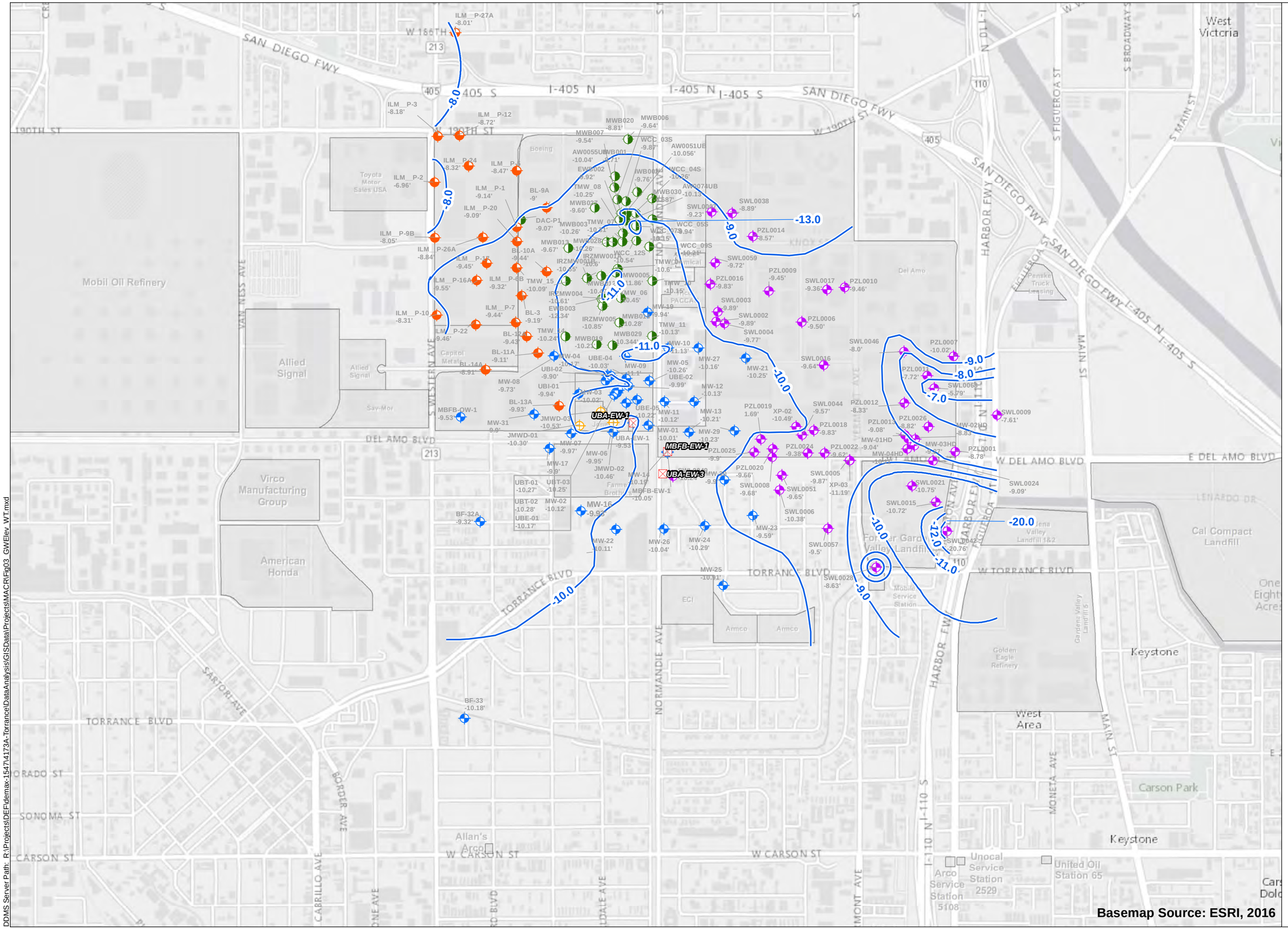
DDMS Server Path: R:\Projects\DEF\demax-15477\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig02_TGRS.mxd

Figure 3

Groundwater Elevation Water Table 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



Groundwater Elevation Contour (ft MSL)

Montrose Well

Del Amo Well

Boeing Well

ILM Well

Jones Well

TGRS Extraction Well

TGRS Injection Well

Facility as Labeled

Notes:
1) Groundwater elevations in feet MSL

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

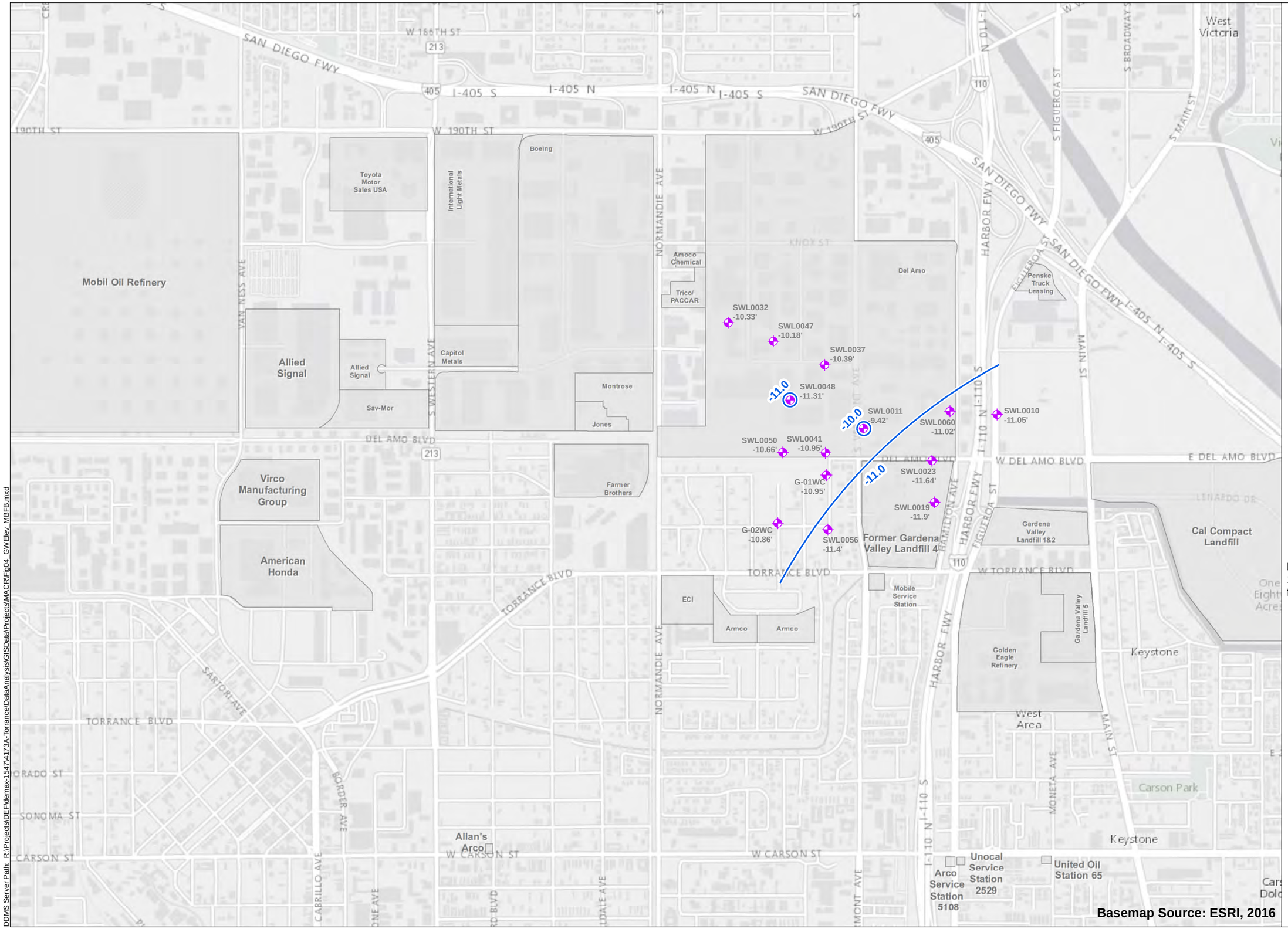
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig03_GWElev_WT.mxd

Figure 4

Groundwater Elevation MBFB 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



Groundwater Elevation Contour (ft MSL)

Montrose Well

Del Amo Well

Boeing Well

ILM Well

Jones Well

Facility as Labeled

Notes:
1) Groundwater elevations in feet MSL

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

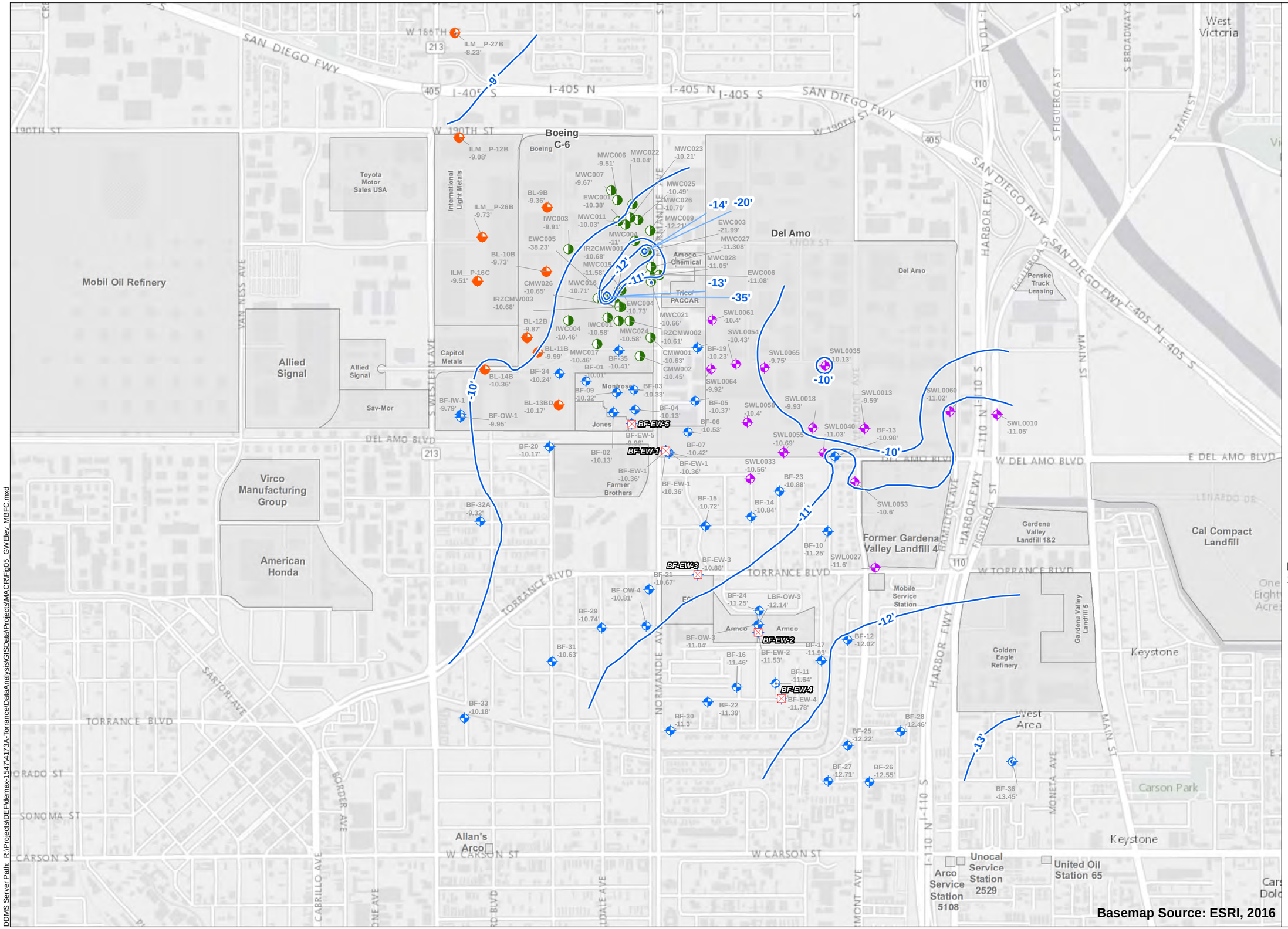
DDMS Server Path: R:\Projects\DEFvdemax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig04_GWElev_MBFB.mxd

Figure 5

Groundwater Elevation MBFC 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



Groundwater Elevation Contour (ft MSL)

Montrose Well

Del Amo Well

Boeing Well

ILM Well

Jones Well

TGRS Extraction Well

TGRS Injection Well

Facility as Labeled

Notes:
1) Groundwater elevations in feet MSL

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

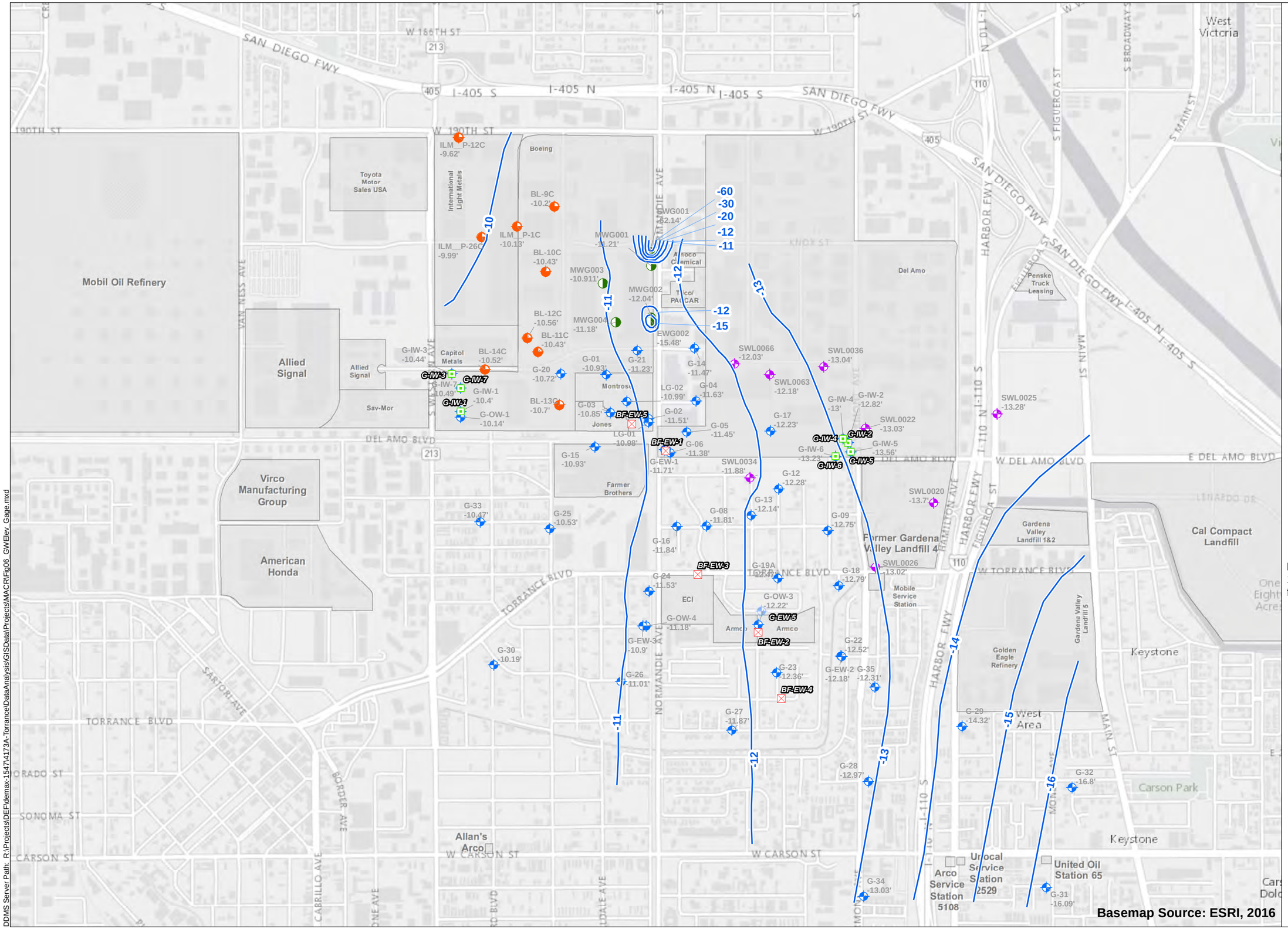
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig05_GWElev_MBFC.mxd

Figure 6

Groundwater Elevation Gage 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



Groundwater Elevation Contour (ft MSL)

Montrose Well

Del Amo Well

Boeing Well

ILM Well

Jones Well

TGRS Extraction Well

TGRS Injection Well

Facility as Labeled

Notes:
1) Groundwater elevations in feet MSL

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

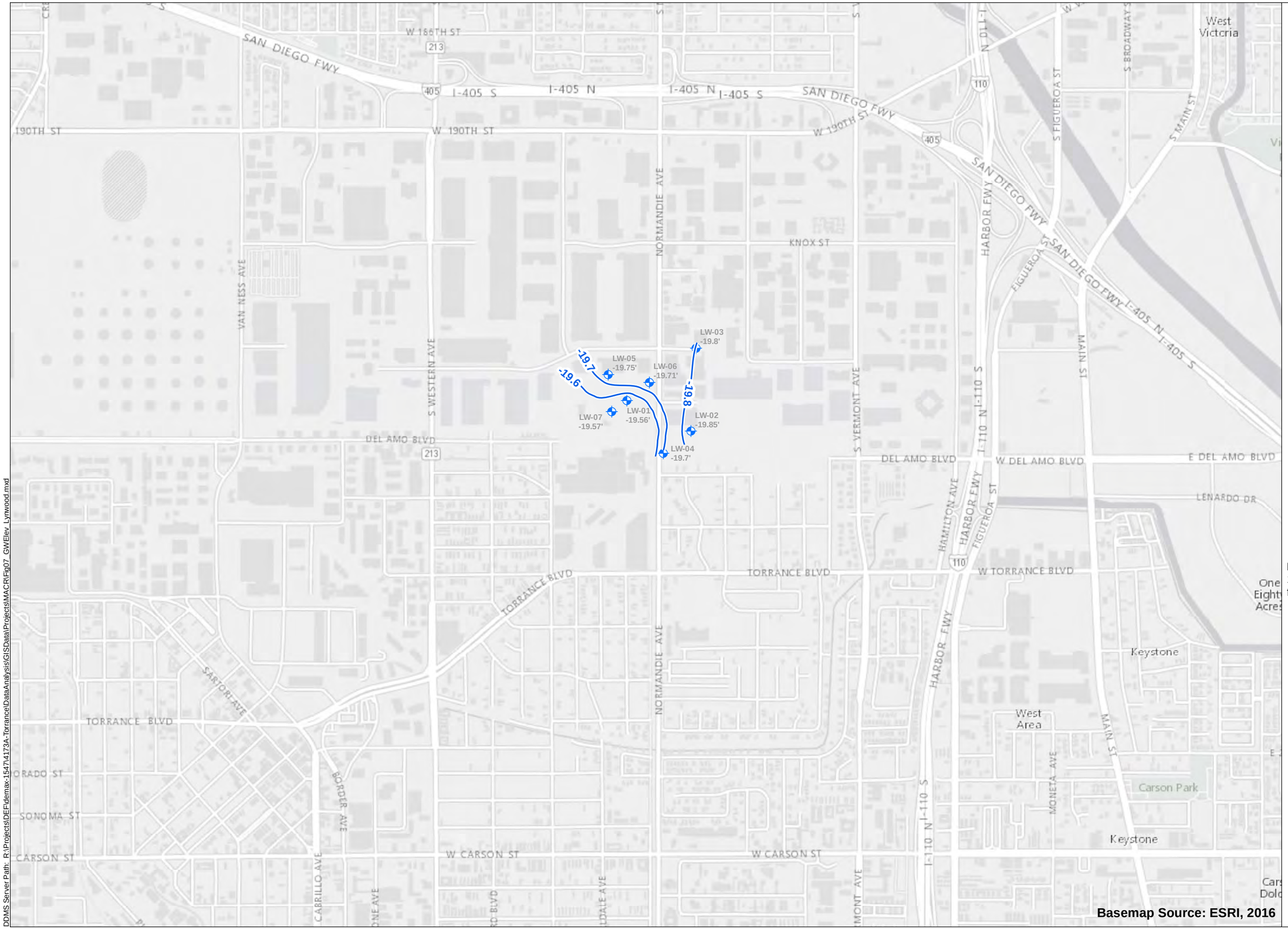
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig06_GWElev_Gage.mxd

Figure 7

Groundwater Elevation Lynwood 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



- Montrose Well
- Del Amo Well
- Boeing Well
- ILM Well
- Jones Well
- Groundwater Elevation Contour (ft MSL)
- Facility as Labeled

Notes:
1) Groundwater elevations in feet MSL

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig07_GWElev_Lynwood.mxd

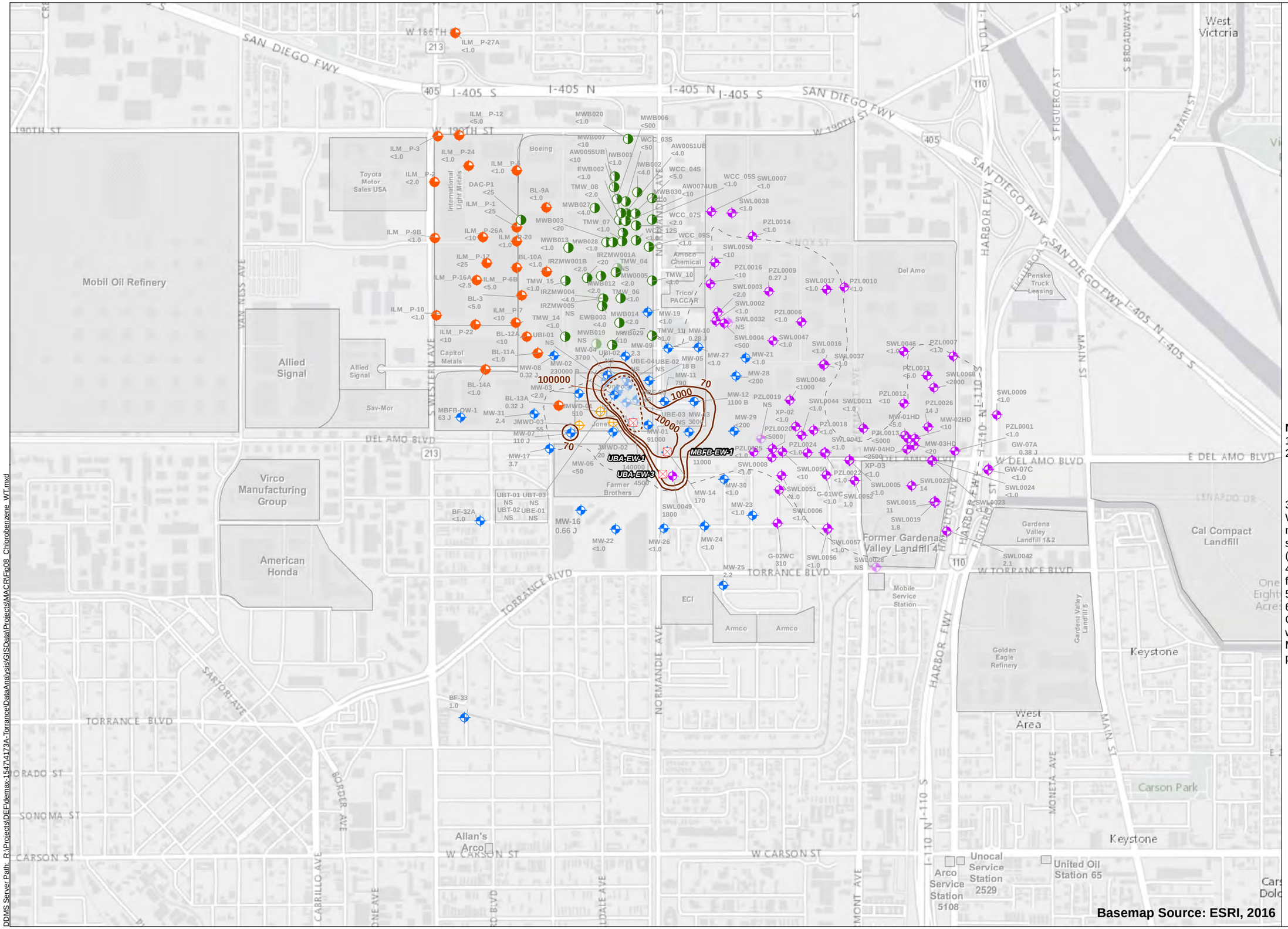


Figure 8

Dissolved Chlorobenzene Distribution Water Table 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Chlorobenzene Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL is 100 ug/l and State MCL is 70 ug/L for Chlorobenzene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) UBA-EW-3 sampled 3/12/2015
6) This Water Table Isoconcentration Contour map presents data from wells screened in the UBF and in the MBFB. Data from the MBFB is presented but not contoured.

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig08_Chlorobenzene_WT.mxd

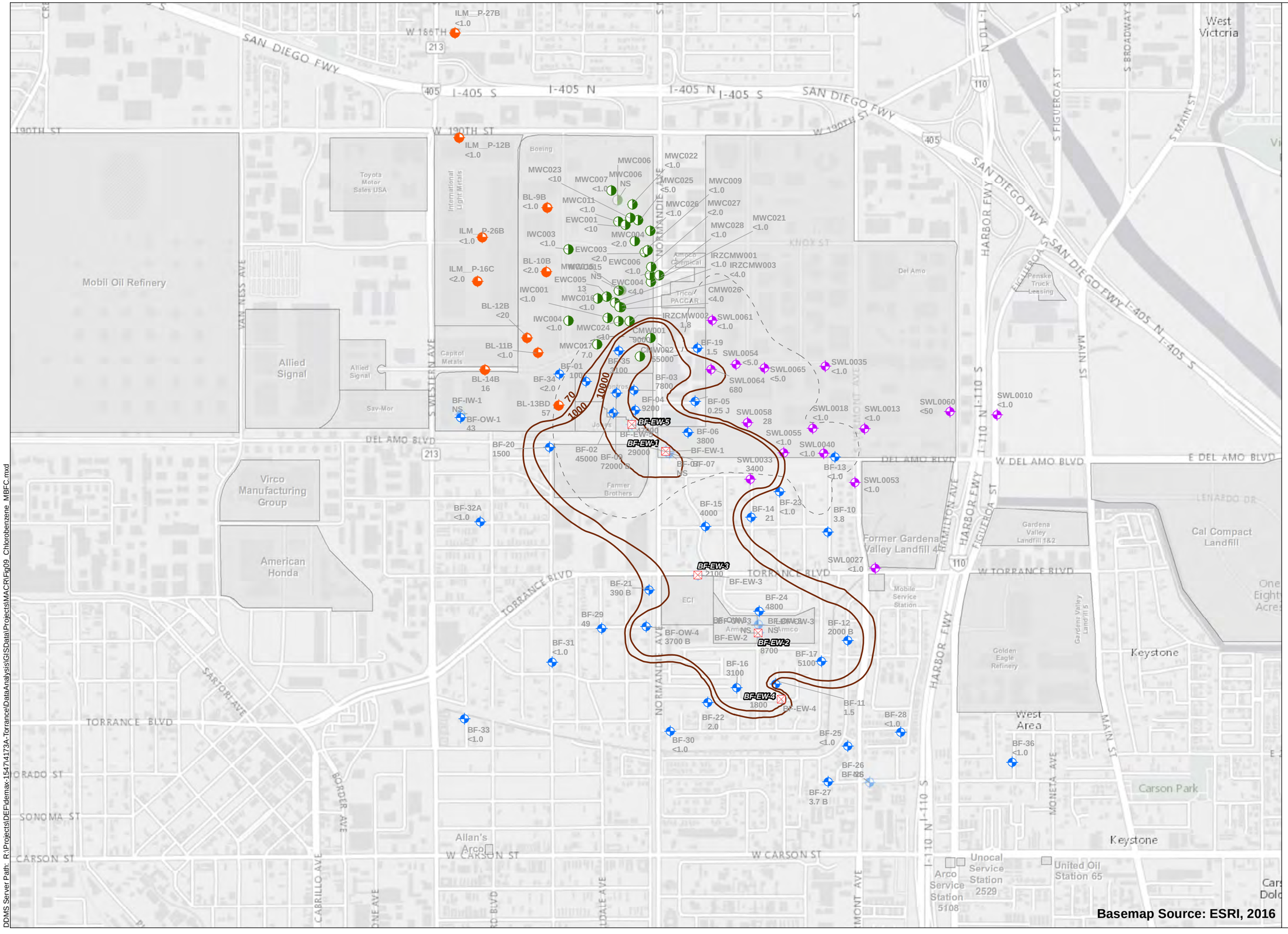


Figure 9

Dissolved Chlorobenzene Distribution MBFC 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016

- Chlorobenzene Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL is 100 ug/l and State MCL is 70 ug/L for Chlorobenzene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) BF-EW-1 and BF-EW-3 sampled 11/20/2015; BF-EW-2, and BF-EW-3, BF-EW-4 sampled 3/11/2015

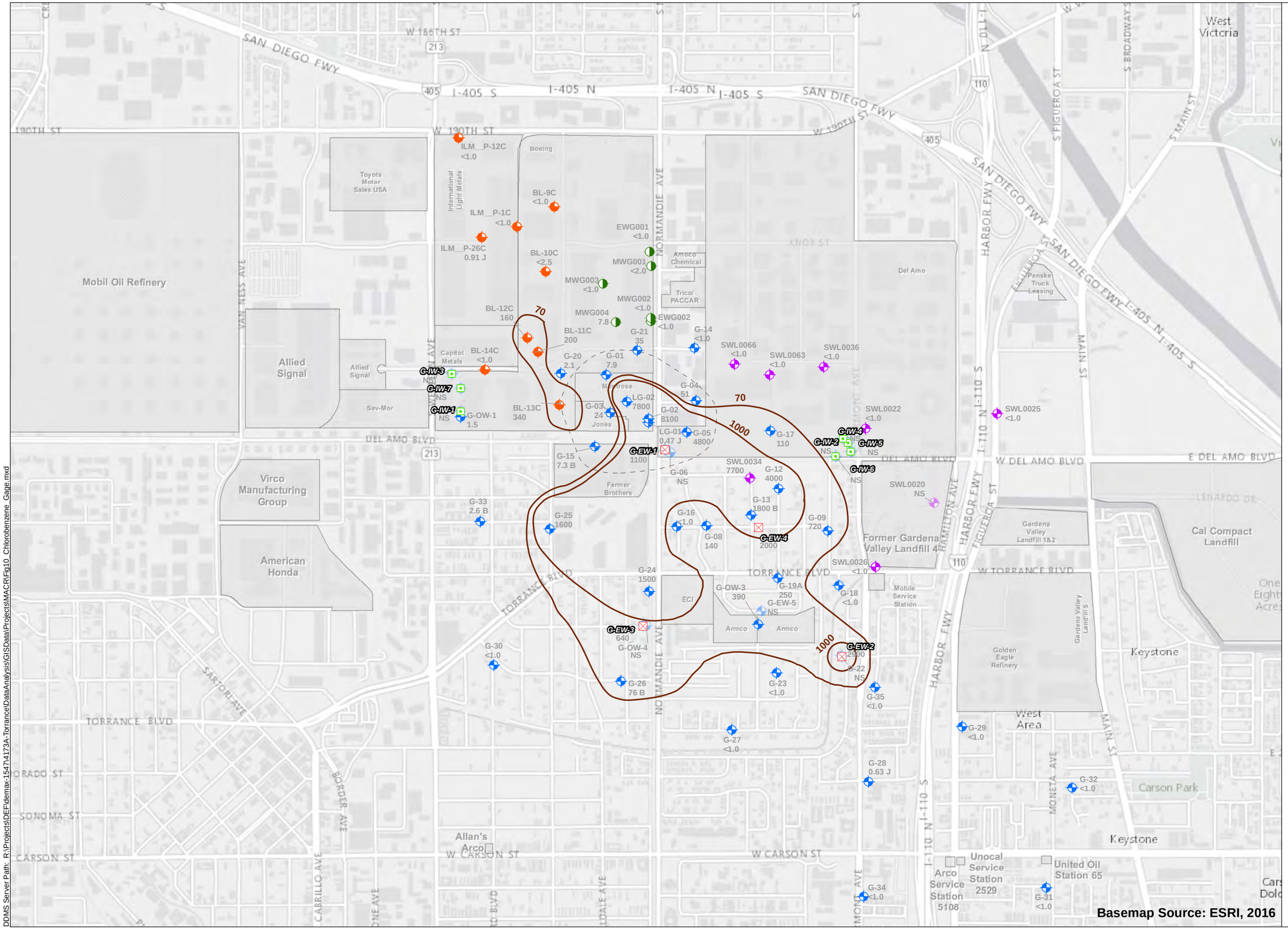
N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig09_Chlorobenzene_MBFC.mxd



Basemap Source: ESRI, 2016

Figure 10

Dissolved Chlorobenzene Distribution Gage 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/18/2016

- Chlorobenzene Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL is 100 ug/l and State MCL is 70 ug/L for Chlorobenzene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

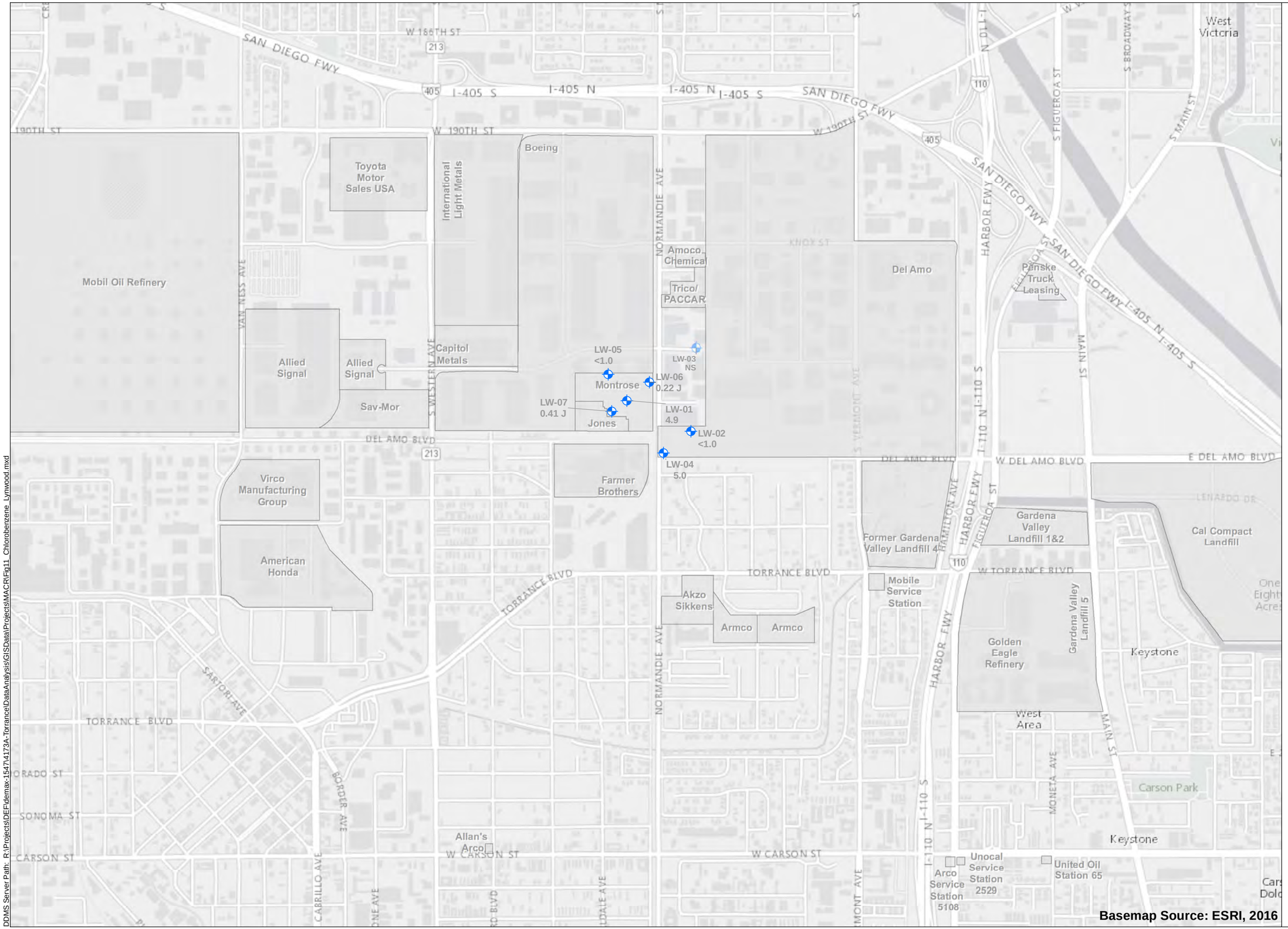
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig10_Chlorobenzene_Gage.mxd

Figure 11

Dissolved Chlorobenzene Distribution Lynwood 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/1/2016



Basemap Source: ESRI, 2016

- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL is 100 ug/l and State MCL is 70 ug/L for Chlorobenzene, Source: Montrose Superfund Site ROD (EPA, 1999)

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig11_Chlorobenzene_Lynwood.mxd

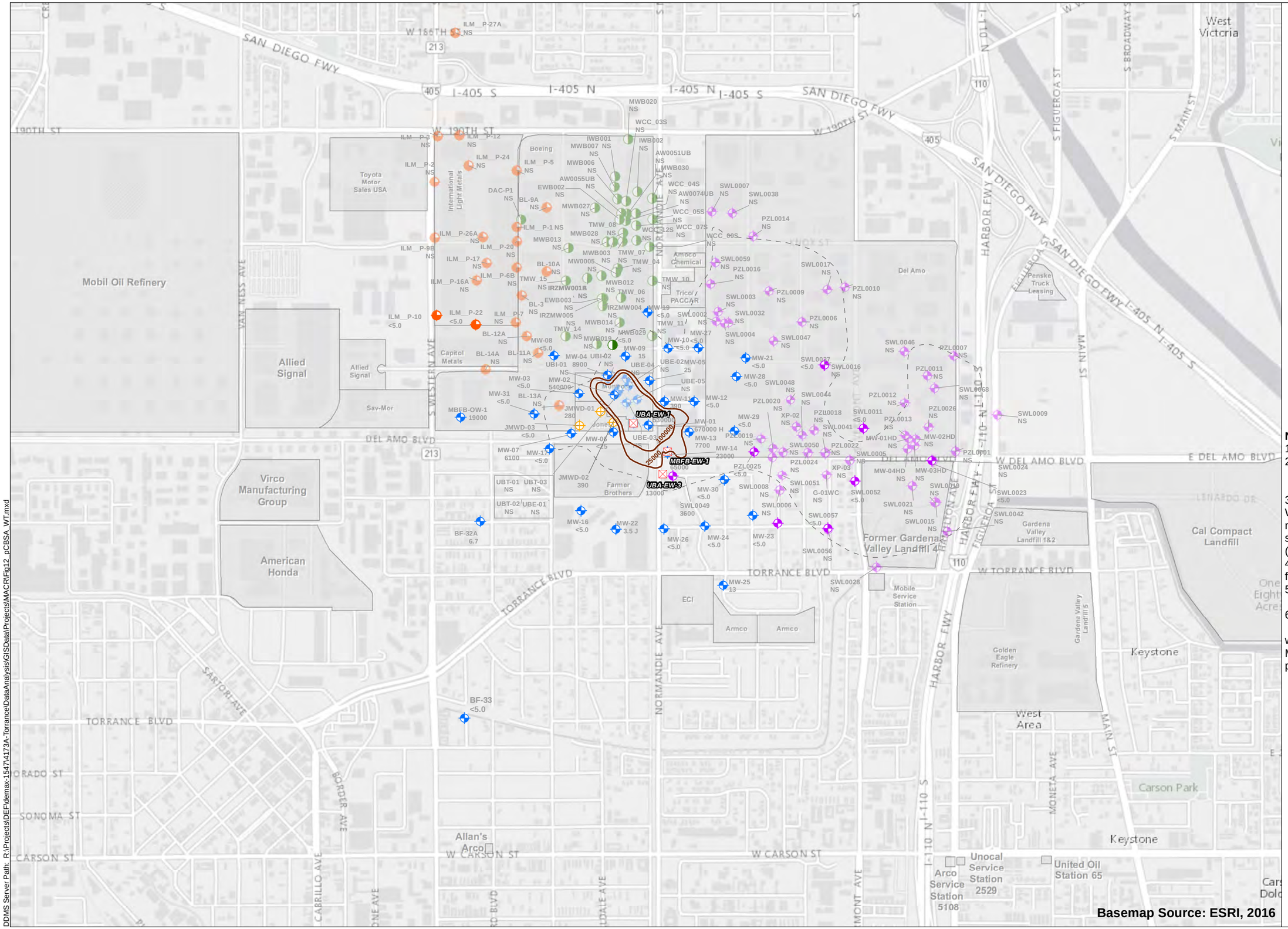


Figure 12

Dissolved pCBSA Distribution Water Table 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016

- pCBSA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL injection limit is 25,000 ug/L for pCBSA, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) UBA-EW-3 sampled on 3/12/2015
6) This Water Table Isoconcentration Contour map presents data from wells screened in the UBF and in the MBFB. Data from the MBFB is presented but not contoured.

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig12_pCBSA_WT.mxd

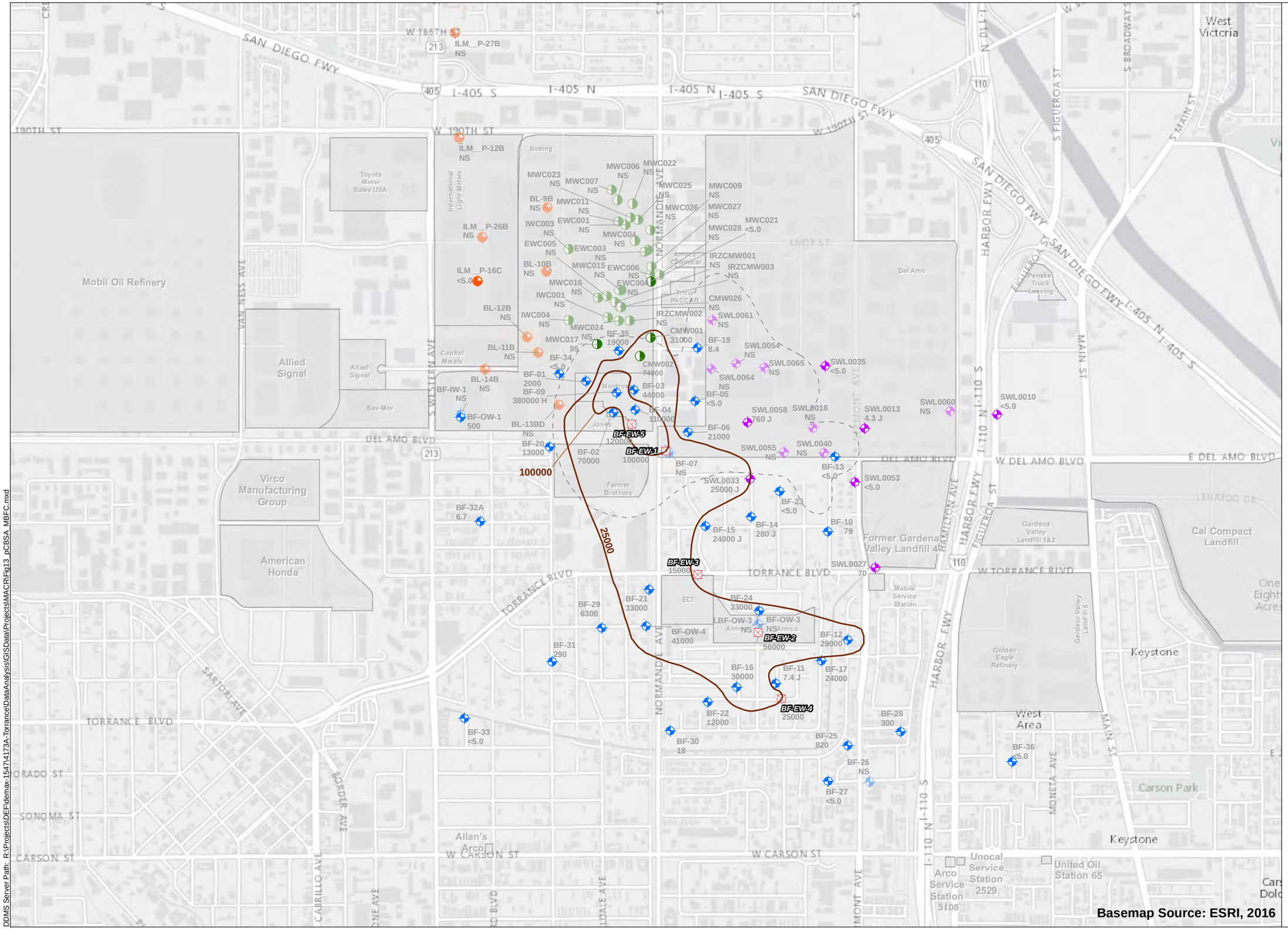


Figure 13

Dissolved pCBSA Distribution MBFC 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016

- pCBSA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL injection limit is 25,000 ug/L for pCBSA, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) BF-EW-1 and BF-EW-5 sampled 11/20/2015; BF-EW-2 and BF-EW-4 sampled 3/11/2015; BF-EW-3 sampled 3/12/2015

N

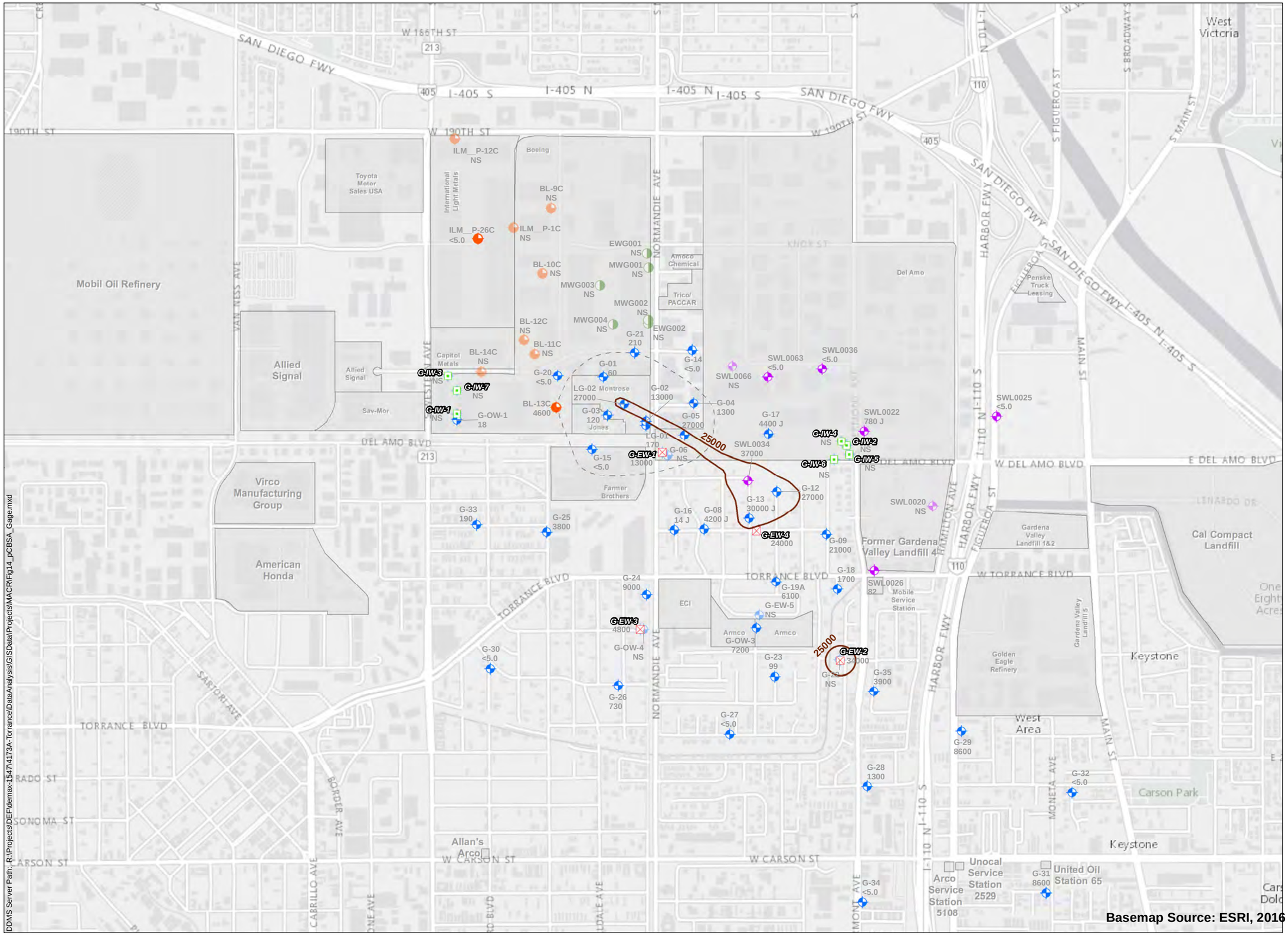
0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig13_pCBSA_MBFC.mxd



DDMS Server Path: R:\Projects\DEF\demax-15471\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig14_pCBSA_Gage.mxd

Figure 14

Dissolved pCBSA Distribution Gage 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- pCBSA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL injection limit is 25,000 ug/L for pCBSA, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

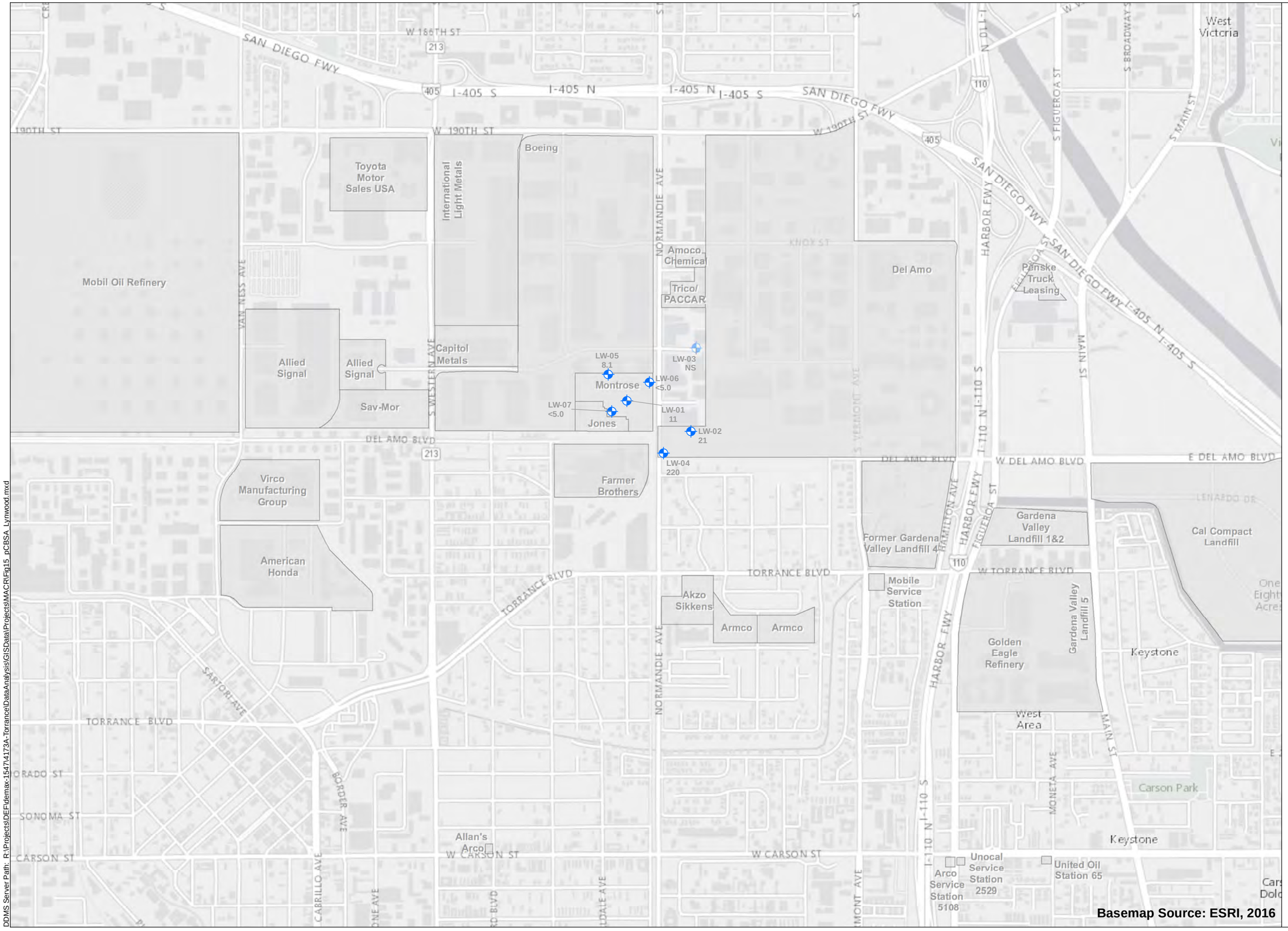
Figure generated by ddms

Figure 15

Dissolved pCBSA Distribution Lynwood 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/1/2016



- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL injection limit is 25,000 ug/L for pCBSA, Source: Montrose Superfund Site ROD (EPA, 1999)

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig15_pCBSA_Lynwood.mxd

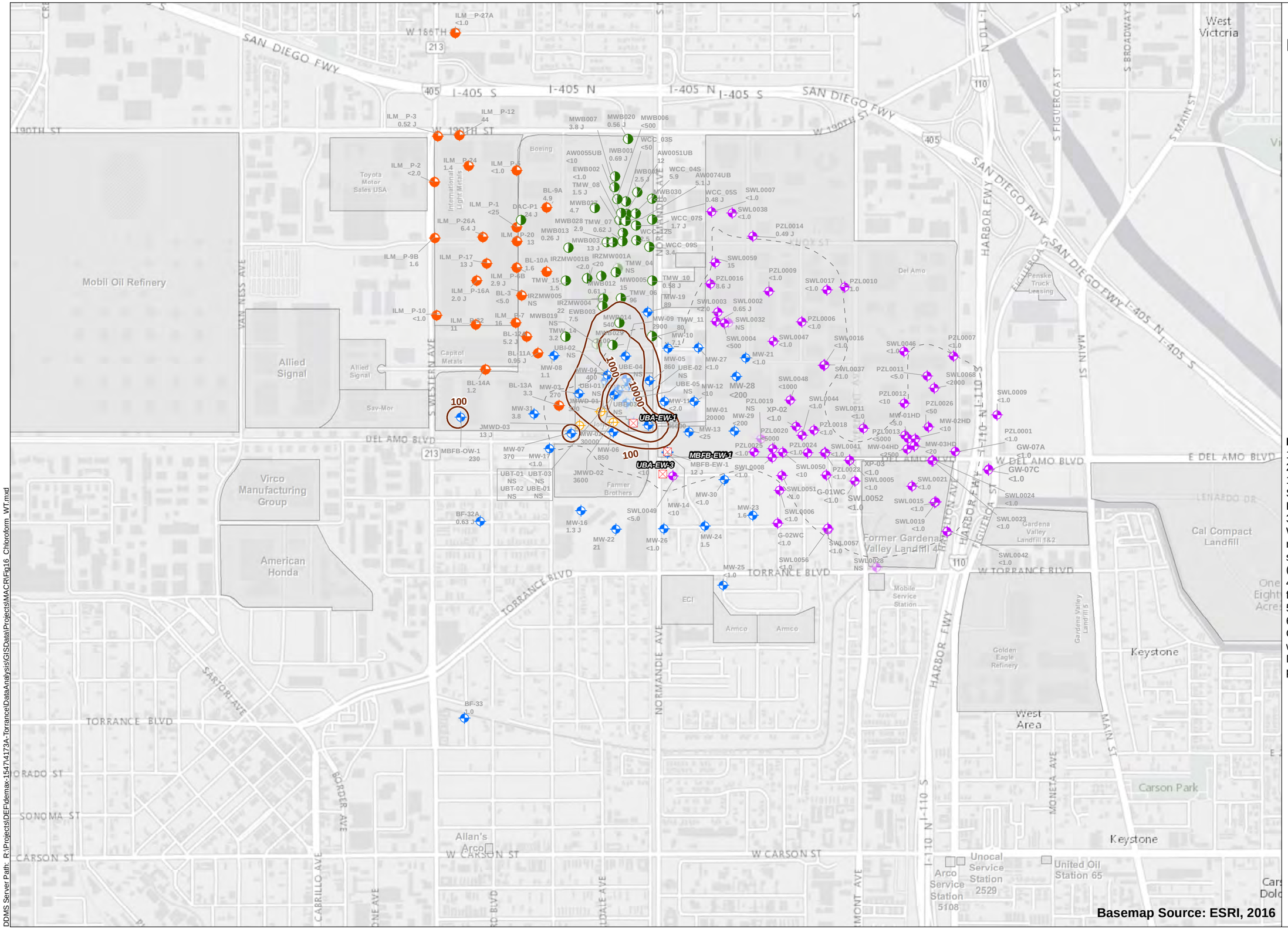


Figure 16

Dissolved Chloroform Distribution Water Table 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Chloroform Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL and State MCL is 100 ug/L for Chloroform, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) UBA-EW-3 sampled 3/12/2015
6) This Water Table Isoconcentration Contour map presents data from wells screened in the UBF and in the MBFB. Data from the MBFB is presented but not contoured.

N

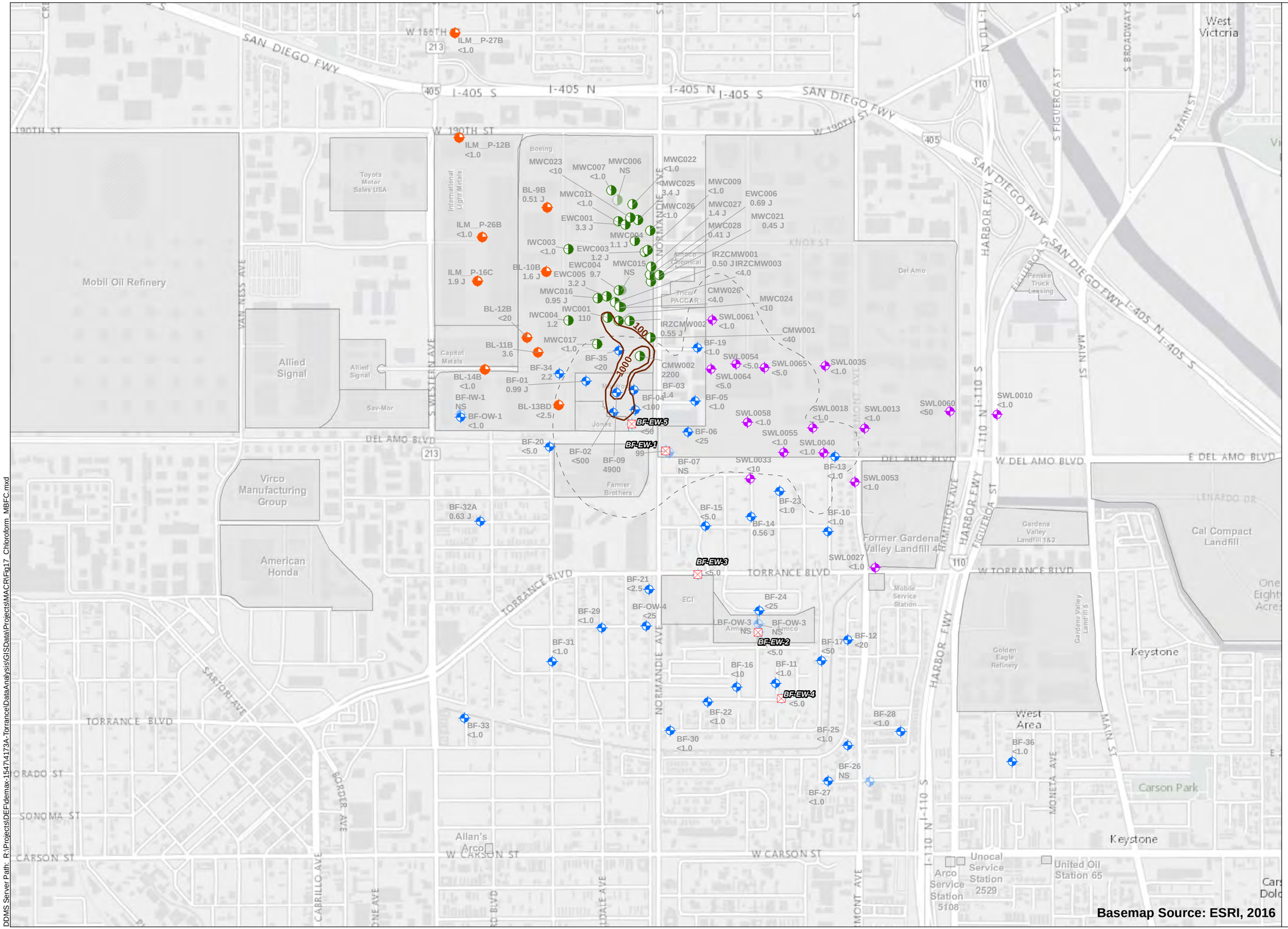
0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig16_Chloroform_WT.mxd



Basemap Source: ESRI, 2016

Figure 17

Dissolved Chloroform Distribution MBFC 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Chloroform Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL and State MCL is 100 ug/L for Chloroform, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) BF-EW-1 and BF-EW-3 sampled 11/20/2015; BF-EW-2, and BF-EW-3, BF-EW-4 sampled 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig17_Chloroform_MBFC.mxd

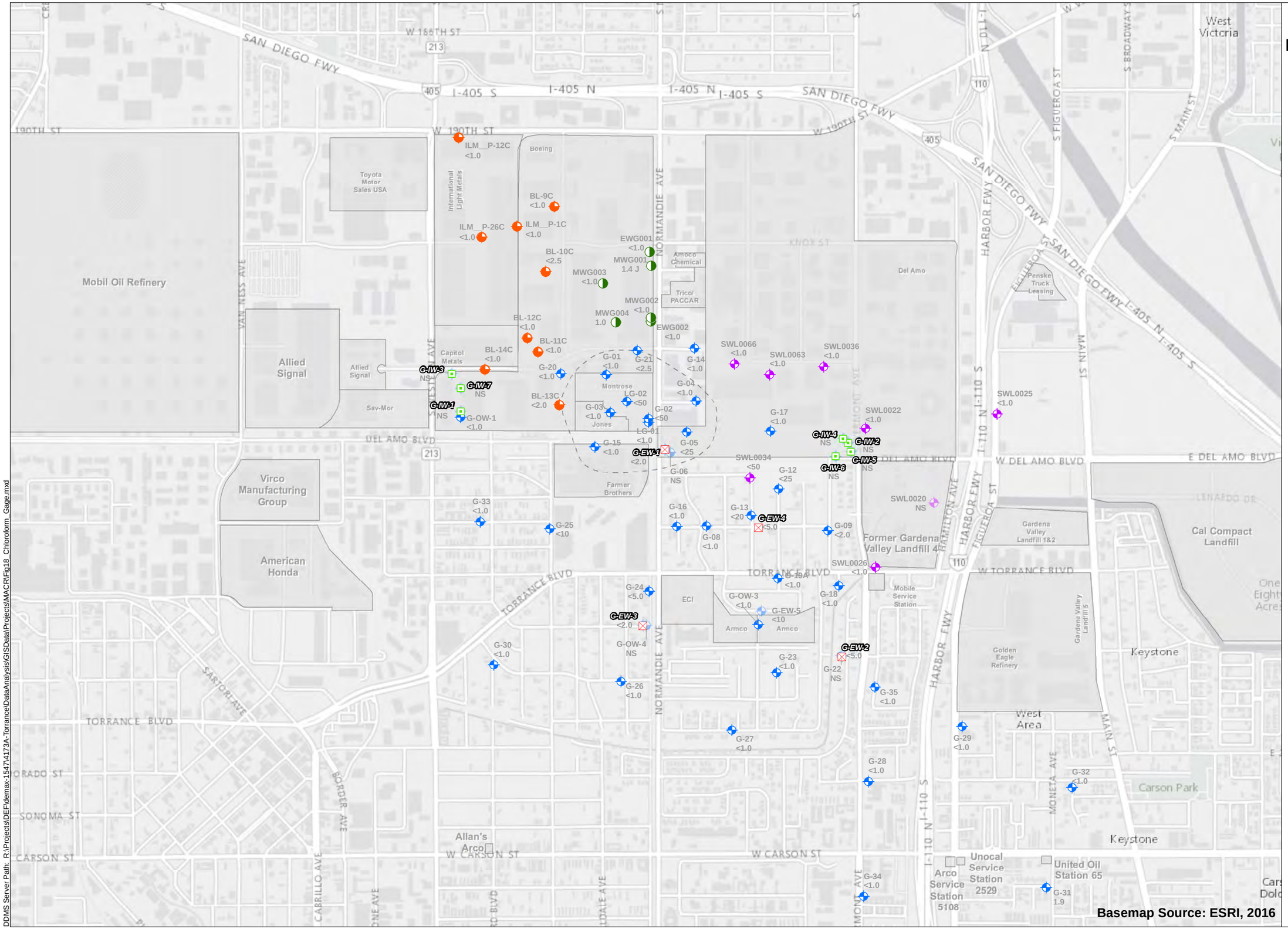


Figure 18

Dissolved Chloroform Distribution Gage 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL and State MCL is 100 ug/L for Chloroform, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

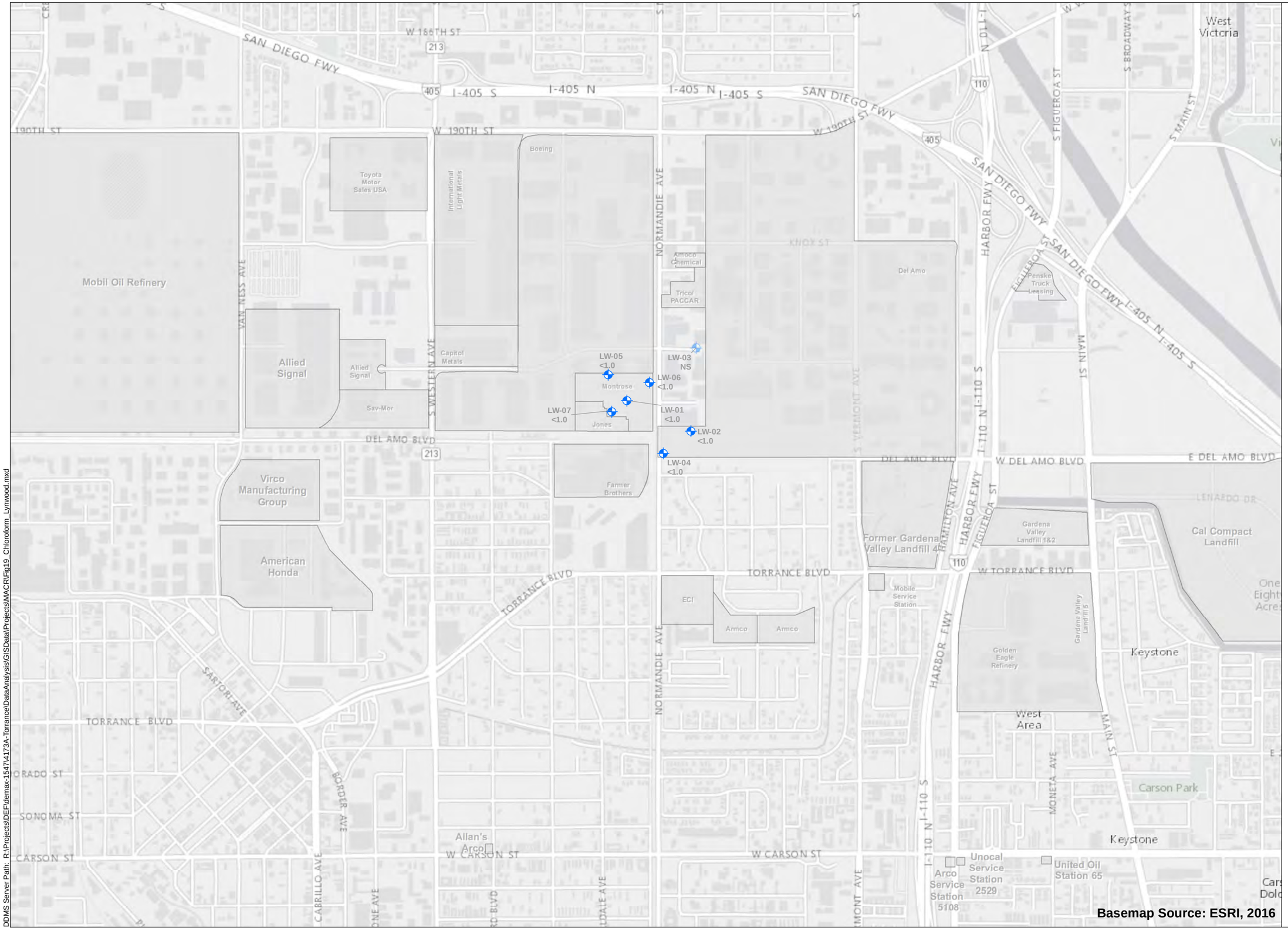
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig18_Chloroform_Gage.mxd

Figure 19

Dissolved Chloroform Distribution Lynwood 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL and State MCL is 100 ug/L for Chloroform,
Source: Montrose Superfund Site ROD (EPA, 1999)

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig19_Chloroform_Lynwood.mxd

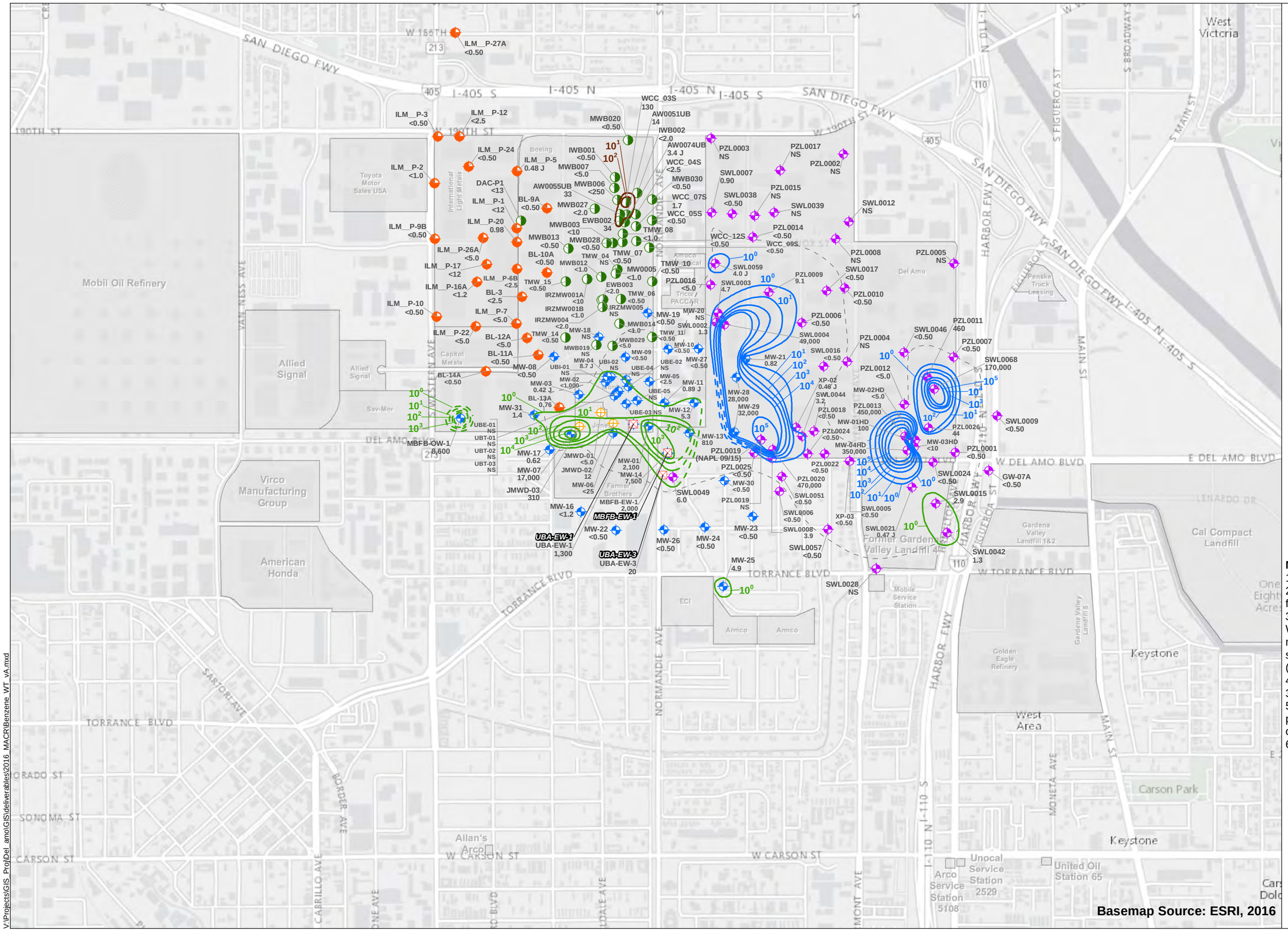


Figure 20

Dissolved Benzene Distribution Water Table

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) UBA-EW-3 sampled on 3/12/2015
5) (NAPL 09/15): Non-aqueous phase liquid present, and date of observation.
6) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

V:\Projects\GIS_Proj\Del_amo\GIS\deliverables\2016_MACR\Benzene_WT_vA.mxd

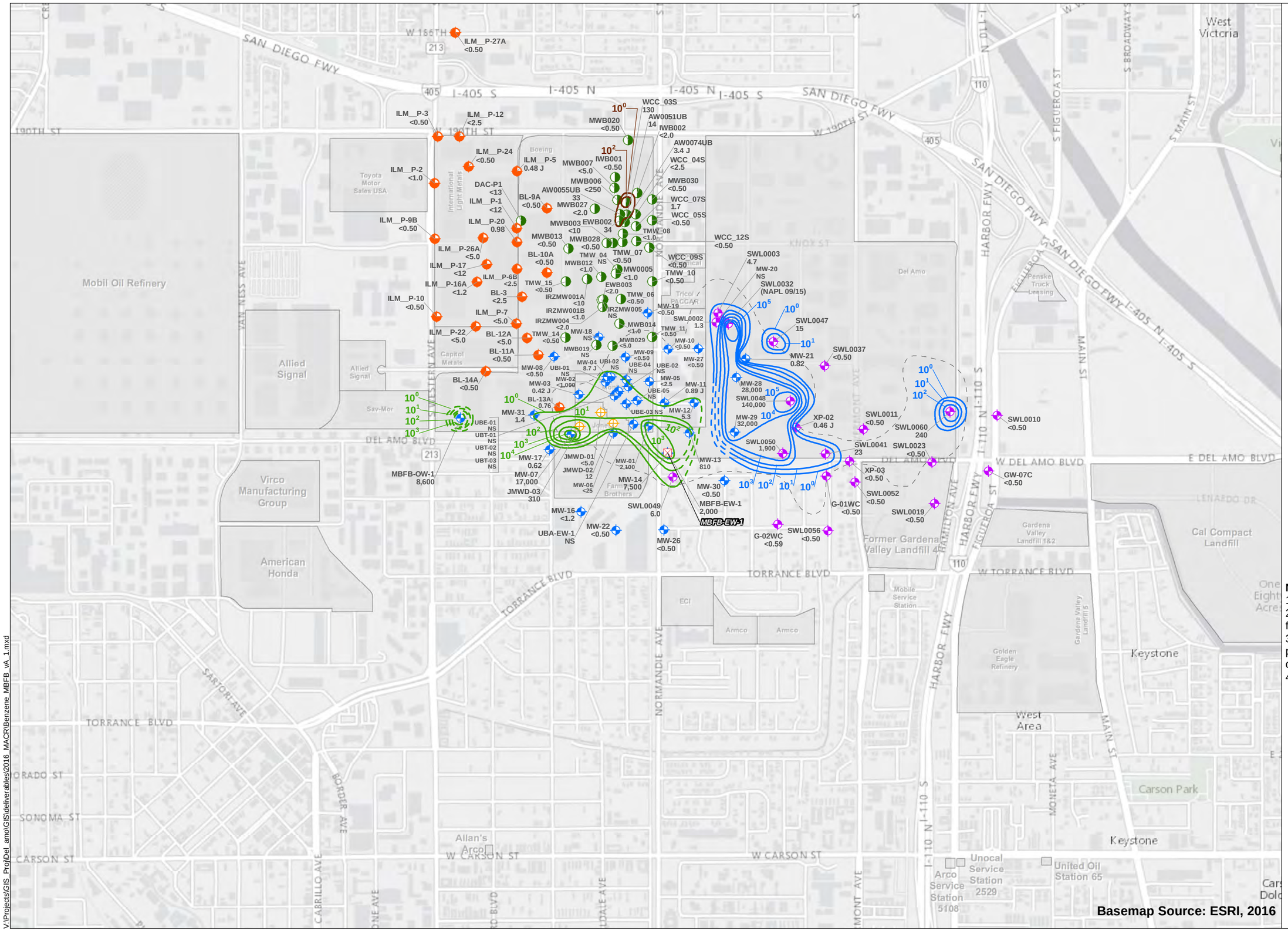


Figure 21

Dissolved Benzene Distribution MBFB

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFB TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) (NAPL 09/15): Non-aqueous phase liquid present, and date of observation.
4) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

V:\Projects\GIS_Proj\Del_amo\GIS\deliverables\2016_MACR\Benzene_MBFB_vA_1.mxd

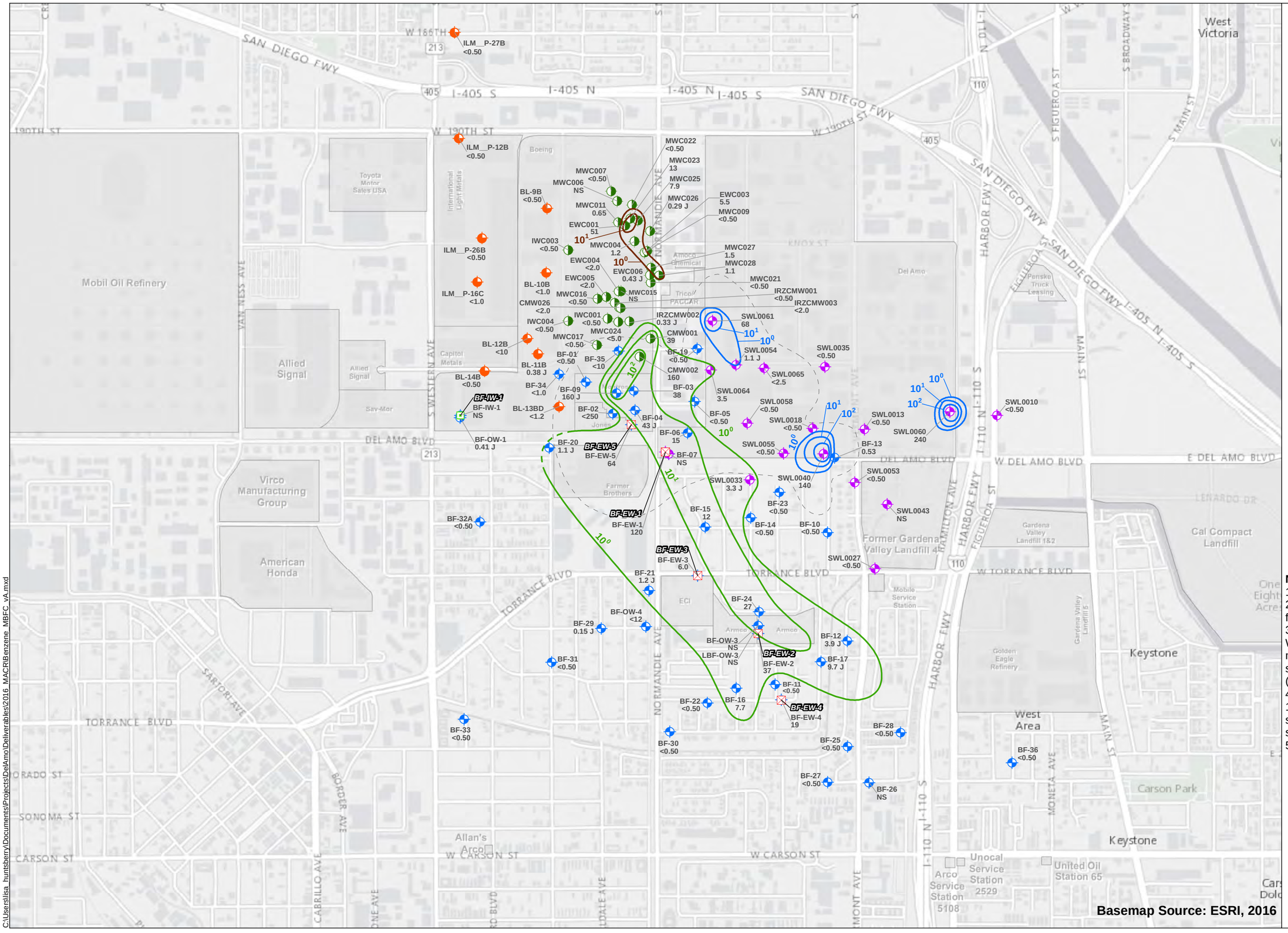


Figure 22

Dissolved Benzene Distribution MBFC

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-EW-1 and BF-EW-5 sampled 11/20/2015; BF-EW-2 and BF-EW-4 sampled 3/11/2015; BF-EW-3 sampled 3/12/2015
5) NS = Well Not Sampled

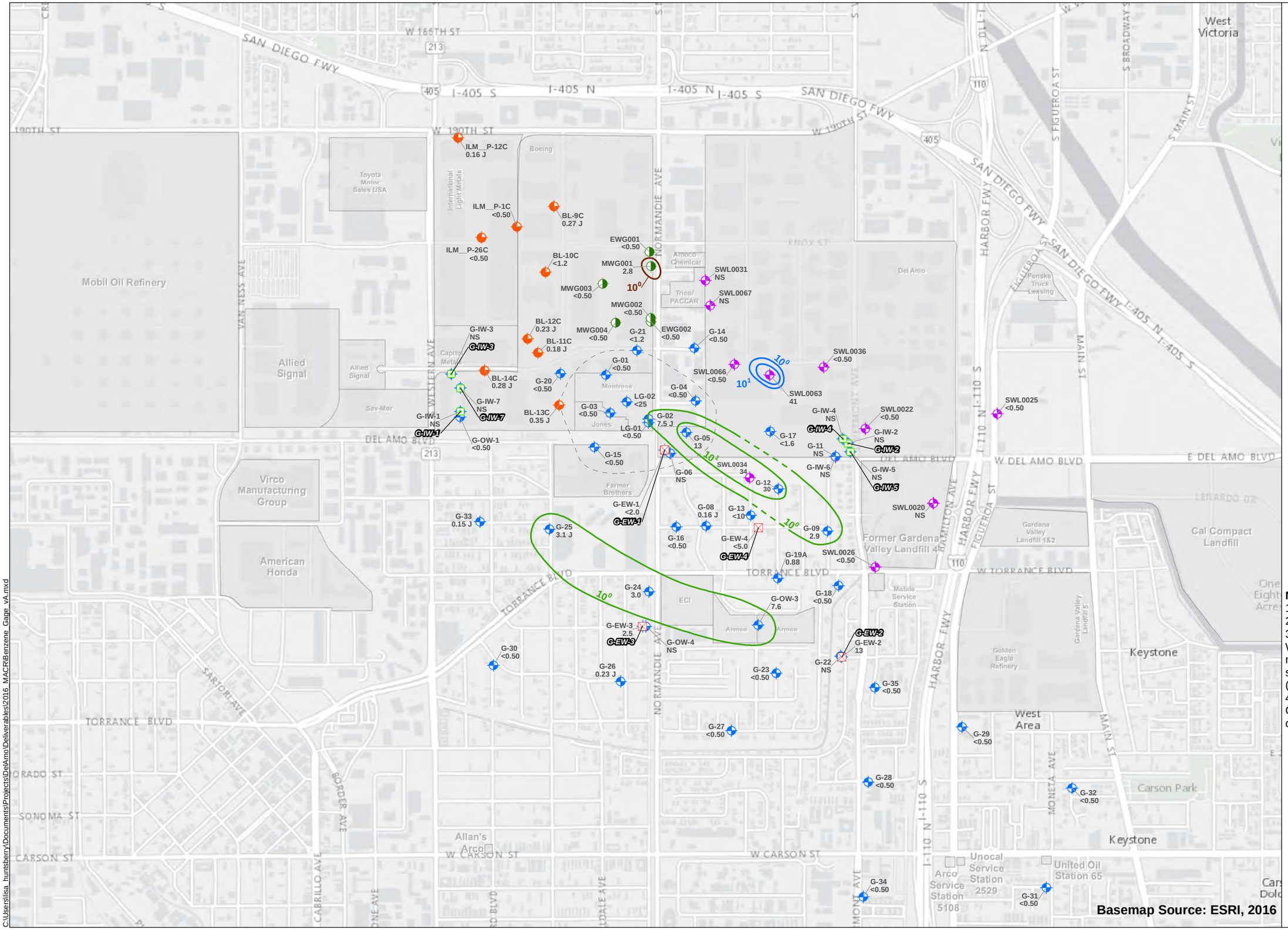
N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\Benzene_MBFC_vA.mxd



Basemap Source: ESRI, 2016

Figure 23

Dissolved Benzene Distribution Gage

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) NS = Well Not Sampled
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

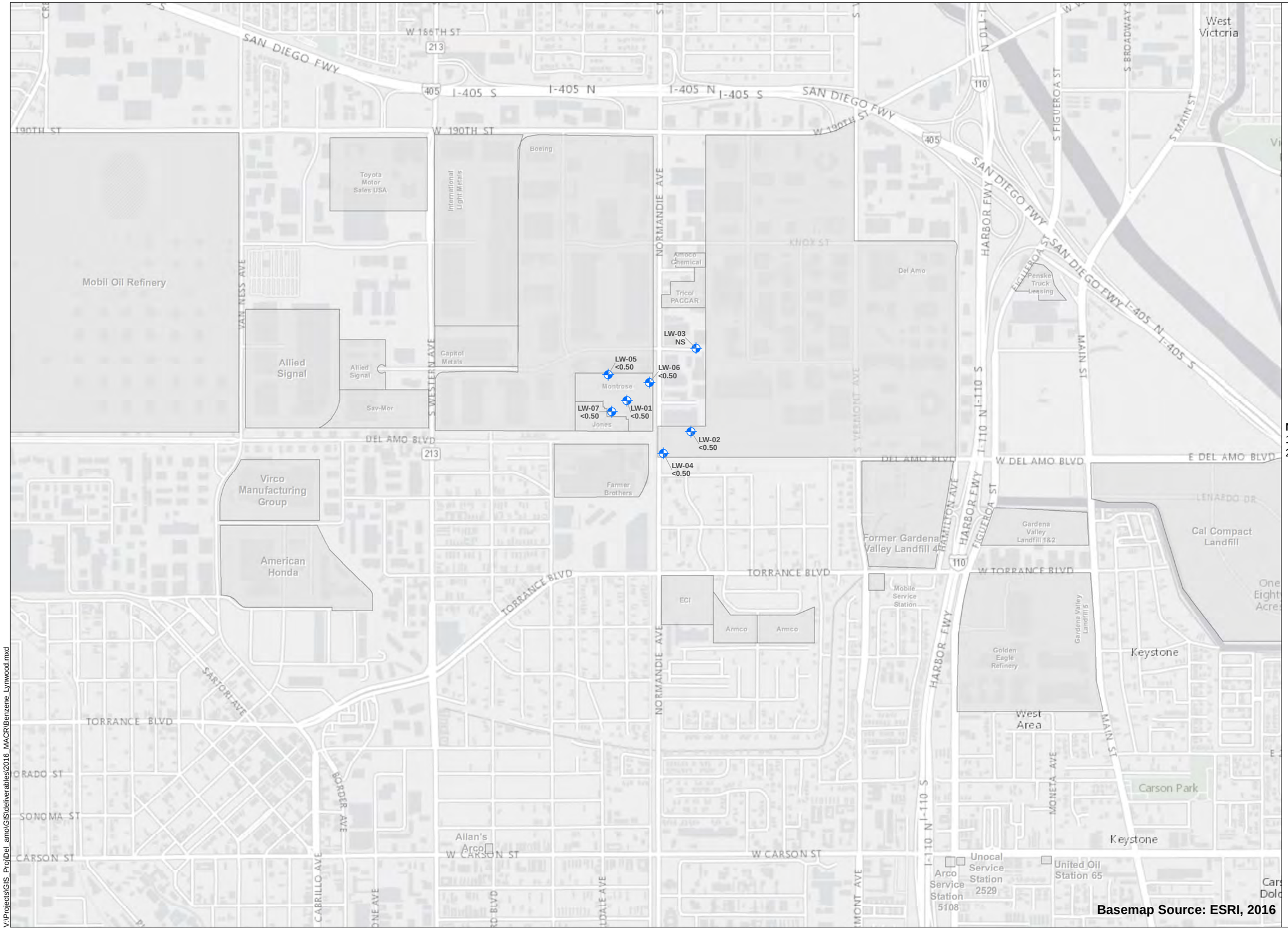
C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\Benzene_Gage_vA.mxd

Figure 24

Dissolved Benzene Distribution Lynwood

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR



- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

V:\Projects\GIS_Proj\Del_amo\GIS\deliverables\2016_MACR\Benzene_Lynwood.mxd

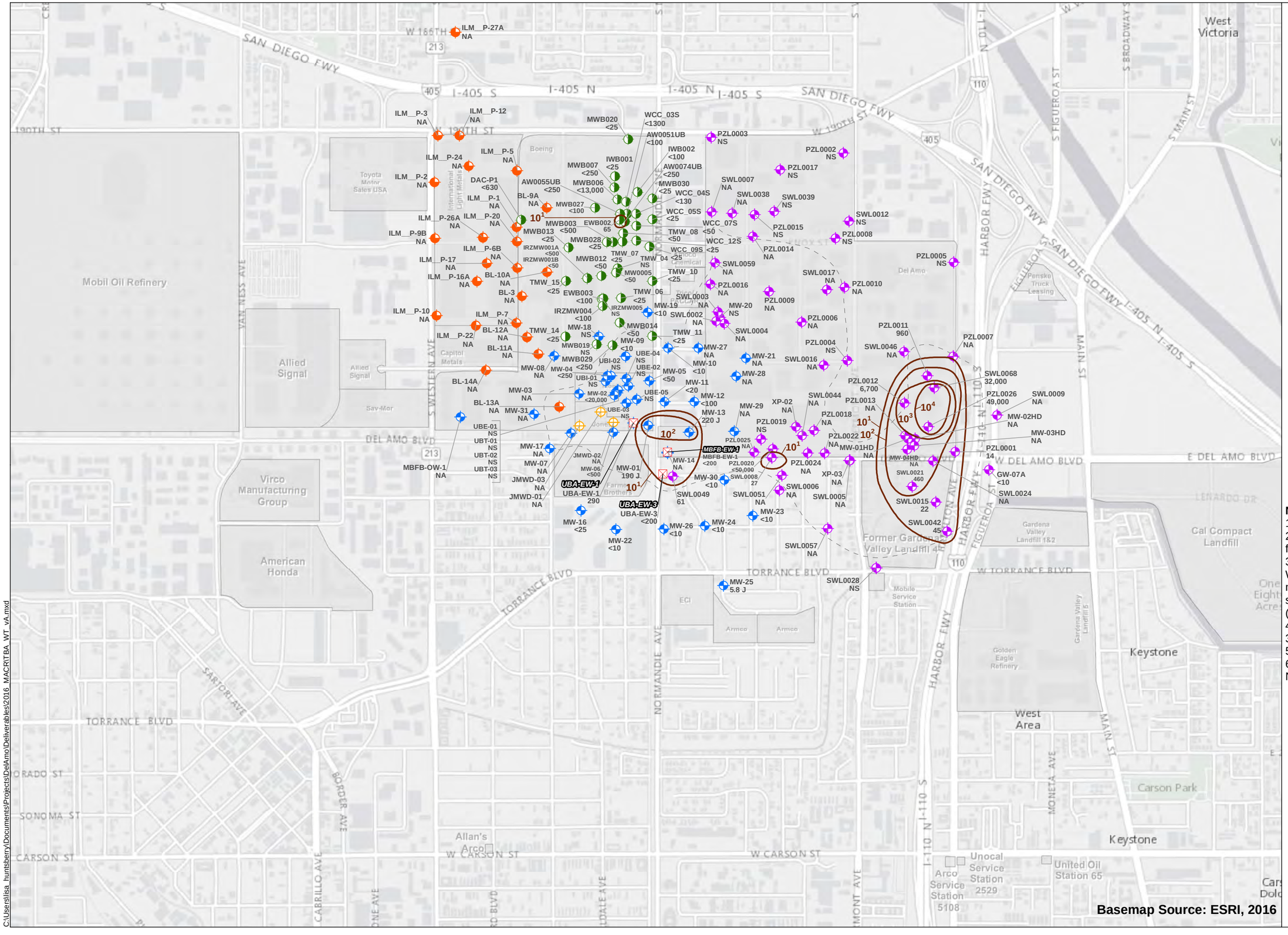


Figure 25

Dissolved TBA Distribution Water Table

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TBA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) UBA-EW-3 sampled on 3/12/2015
5) NS = Well Not Sampled
6) NA = Well Sampled, but Not Analyzed for TBA

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\TBA_WT_vA.mxd

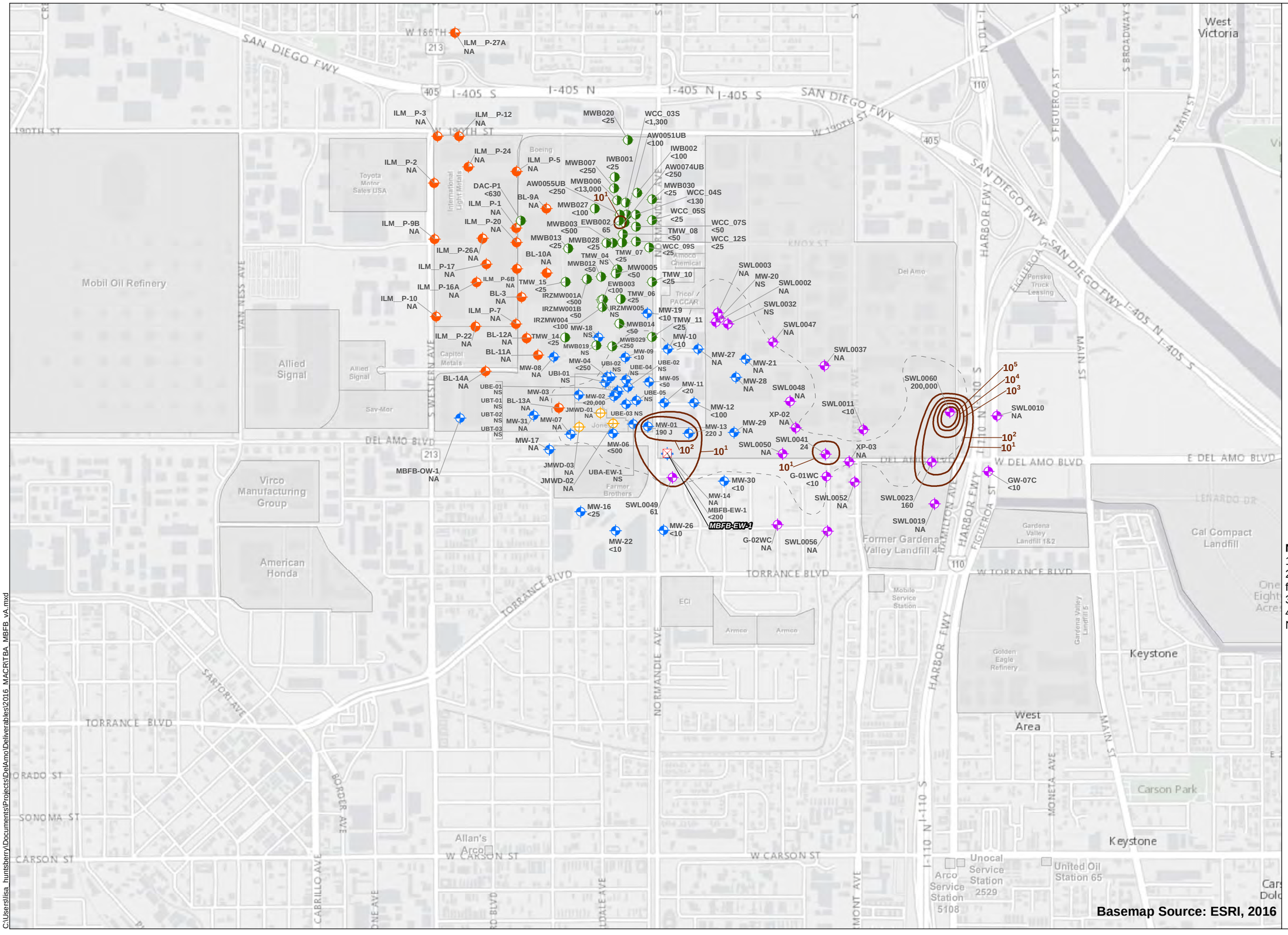


Figure 26

Dissolved TBA Distribution MBFB

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TBA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFB TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) NS = Well Not Sampled
4) NA = Well Sampled, but Not Analyzed for TBA

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\TBA_MBFB_v4.mxd

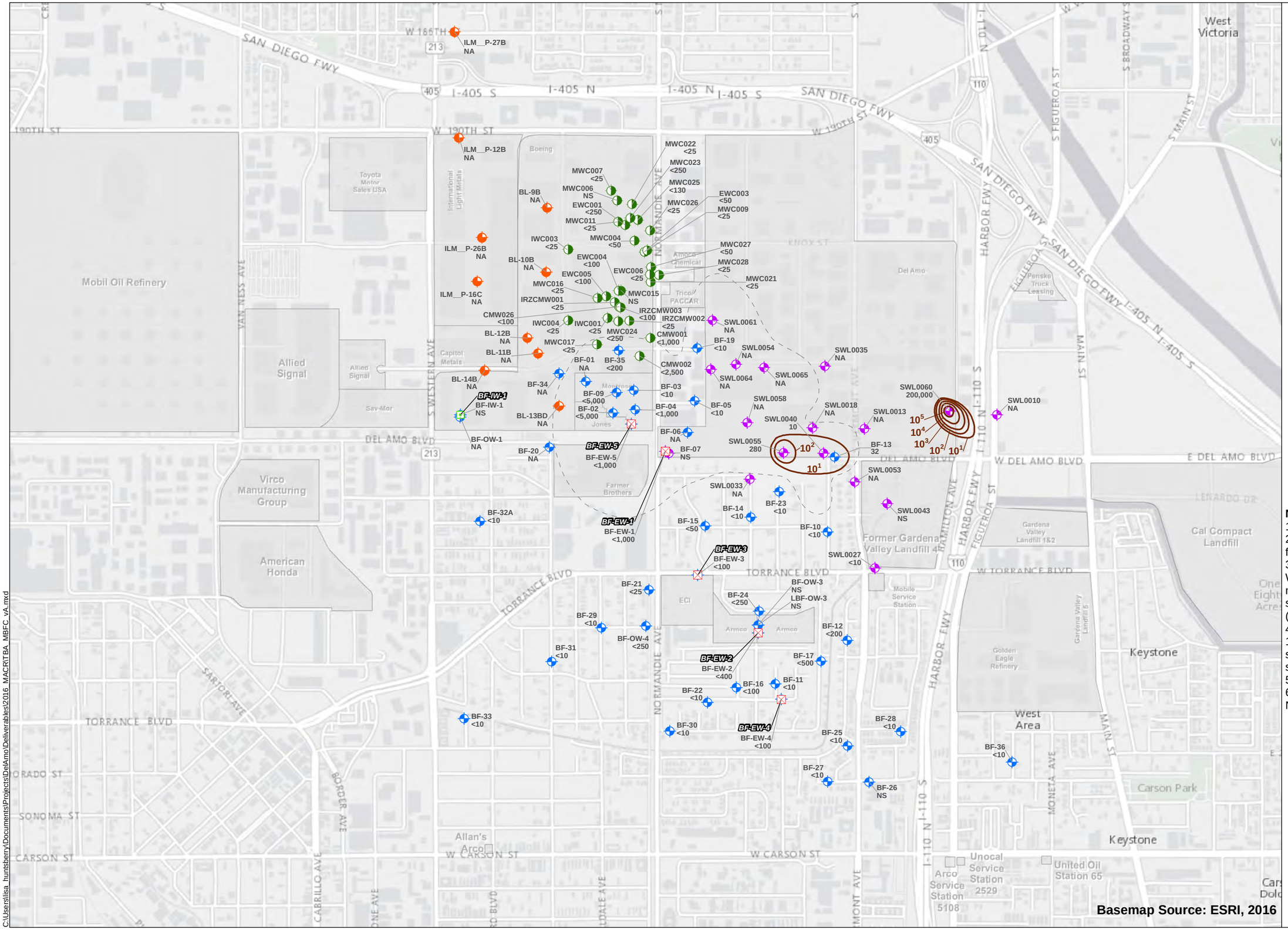


Figure 27

Dissolved TBA Distribution MBFC

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TBA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled

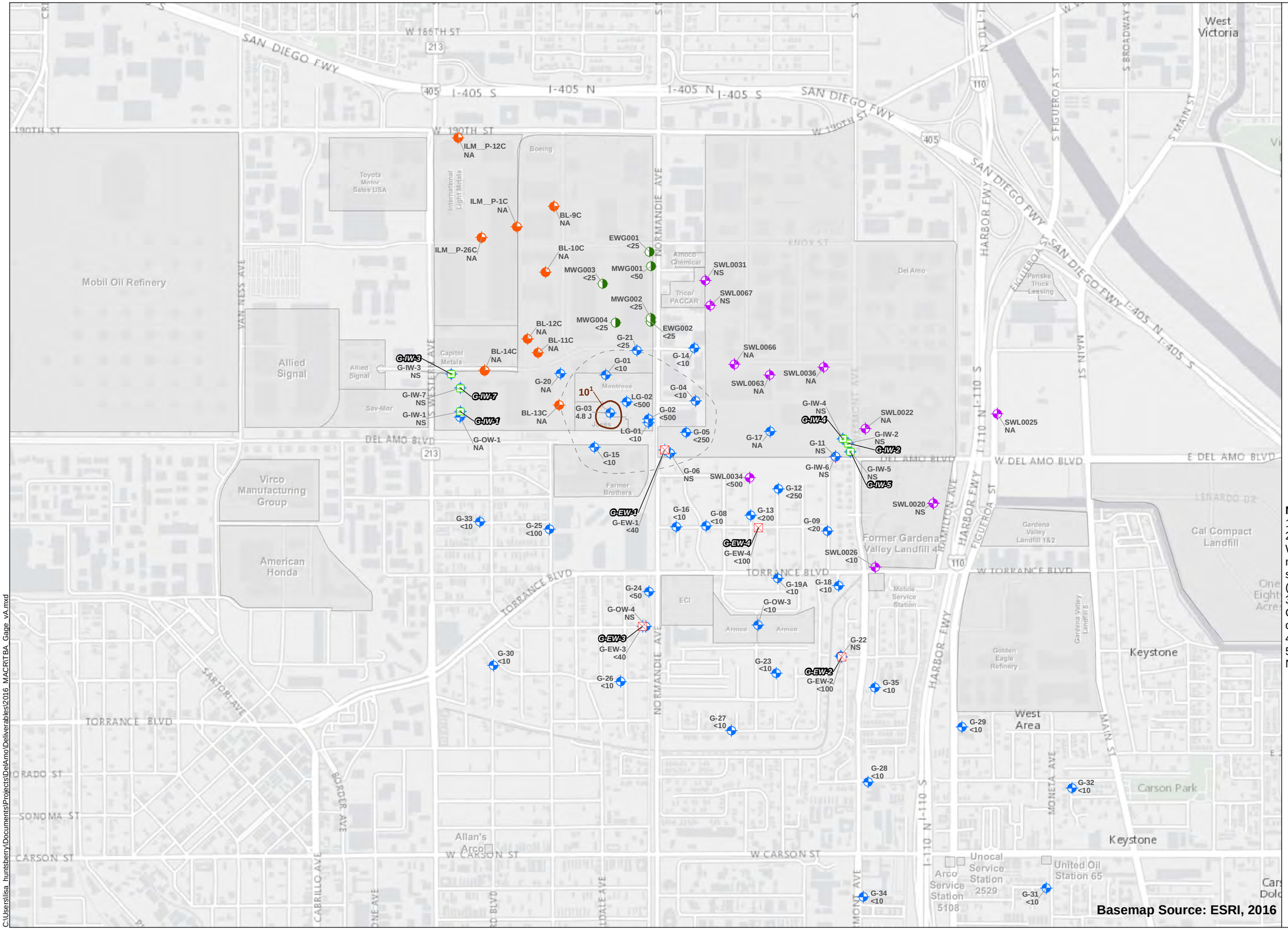
Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-EW-1 and BF-EW-5 sampled 11/20/2015; BF-EW-2 and BF-EW-4 sampled 3/11/2015; BF-EW-3 sampled 3/12/2015
5) NS = Well Not Sampled
6) NA = Well Sampled, but Not Analyzed for TBA

N

0 600 1,200 Feet

1 inch = 1,200 feet

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\TBA_MBFC_vA.mxd



Basemap Source: ESRI, 2016

Figure 28

Dissolved TBA Distribution Gage

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TBA Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
3) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015
4) NS = Well Not Sampled
5) NA = Well Sampled, but Not Analyzed for TBA

N

0 600 1,200 Feet

1 inch = 1,200 feet

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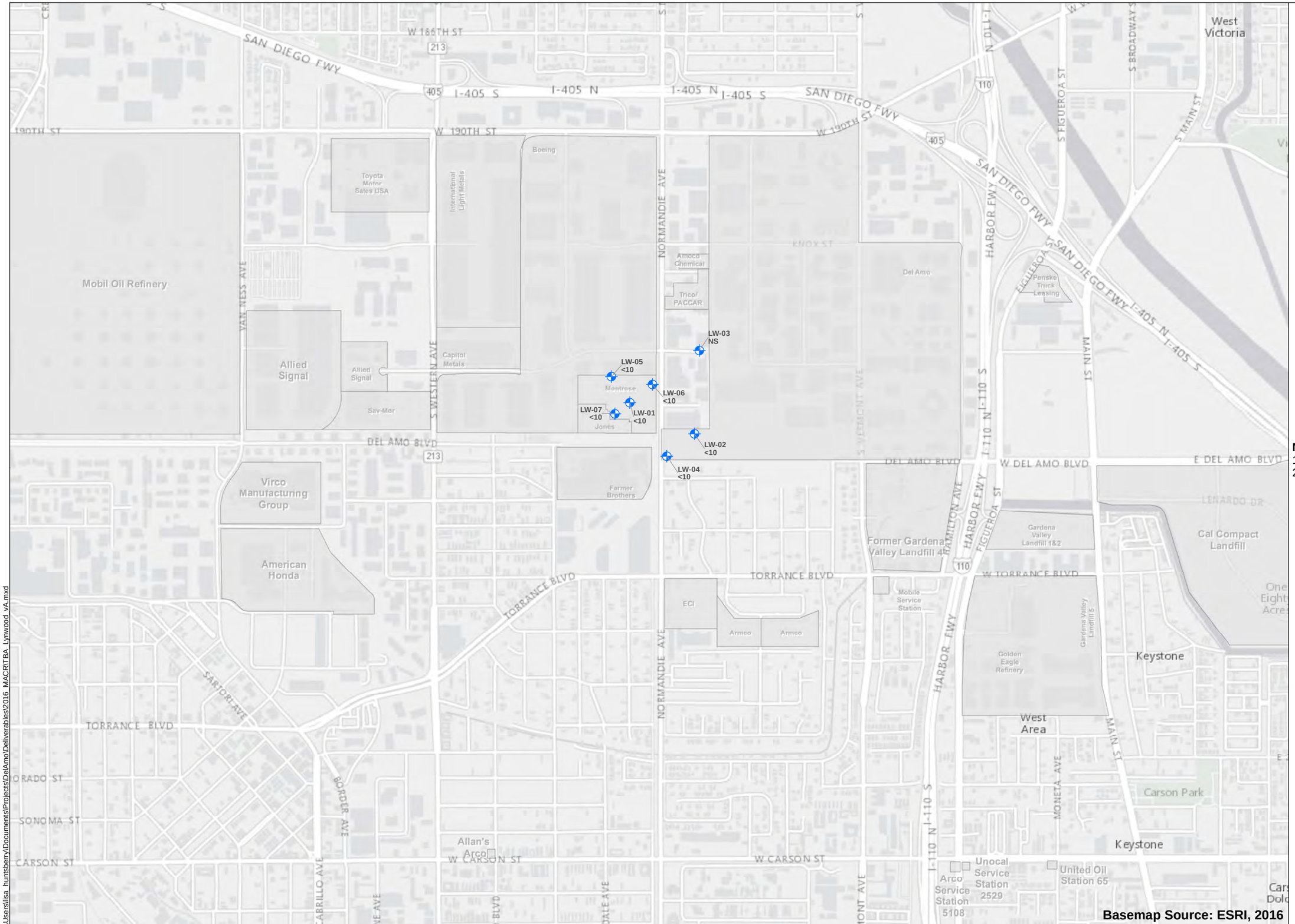
Figure 29

Dissolved TBA Distribution Lynwood

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR



Notes:
1) Concentration units in ug/L
2) NS = Well Not Sampled

- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

C:\Users\lisa_huntsberry\Documents\Projects\DelAmo\Deliverables\2016_MACR\TBA_Lynwood_vA.mxd

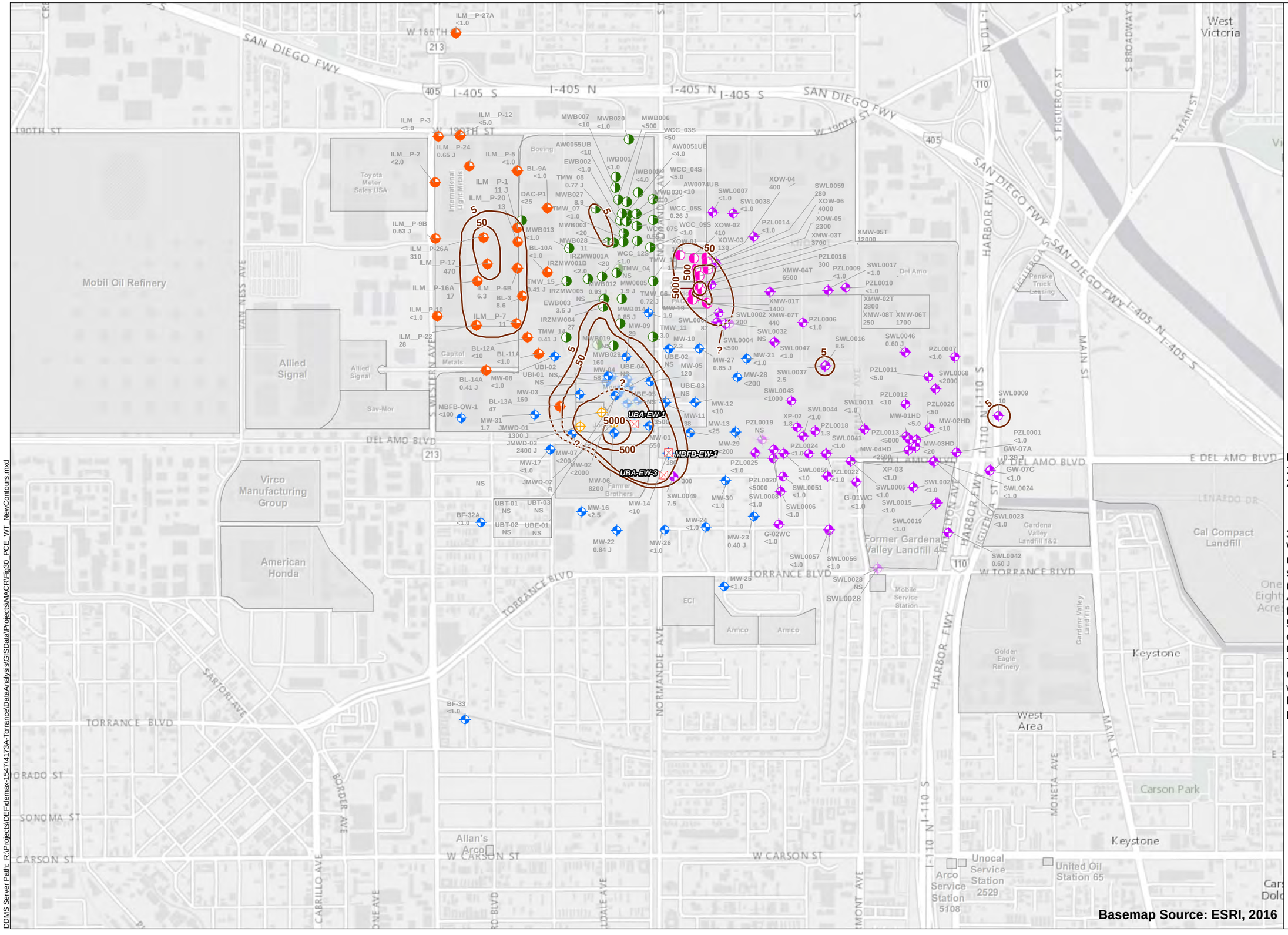


Figure 30

Dissolved Tetrachloroethene Distribution Water Table 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Tetrachloroethene Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Amoco/Trico Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL and State MCL is 5 ug/L for Tetrachloroethene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) Amoco/Trico results from sampling events between 1998-2004
6) UBA-EW-3 sampled 3/12/2015
7) This Water Table Isoconcentration Contour map presents data from wells screened in the UBF and in the MBFB. Data from the MBFB is presented but not contoured.

N

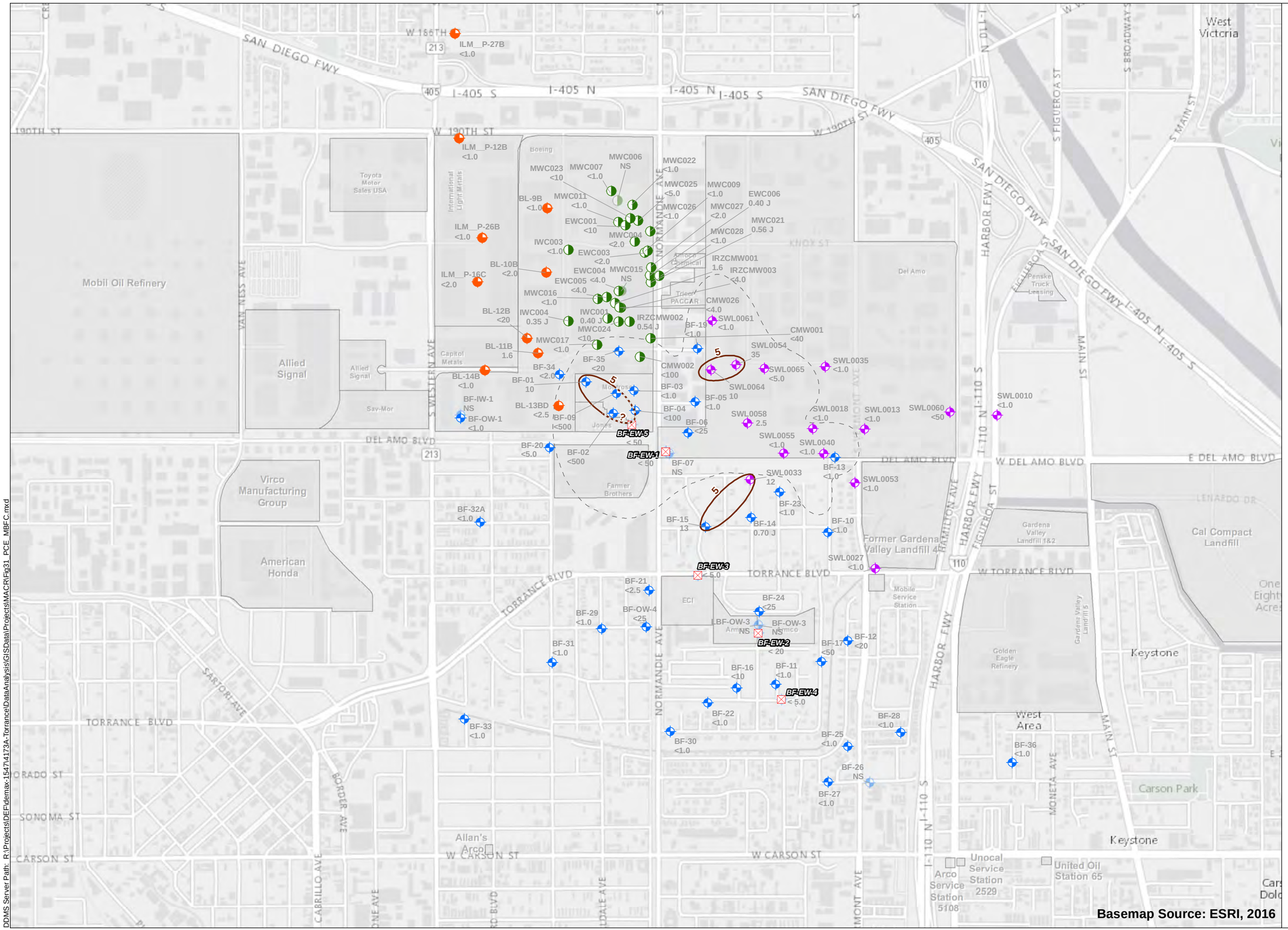
0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig30_PCE_WT_NewContours.mxd



Basemap Source: ESRI, 2016

Figure 31

Dissolved Tetrachloroethene Distribution MBFC 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/16/2016

- Tetrachloroethene Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL and State MCL is 5 ug/L for Tetrachloroethene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-32A and BF-33 are screened from the Water Table to the MBFC.
5) BF-EW-1 and BF-EW-5 sampled 11/20/2015; BF-EW-3 sampled 3/12/2015; BF-EW-2 and BF-EW-4 sampled 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

DDMS Server Path: R:\Projects\DEF\demax-15477\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig31_PCE_MBFC.mxd

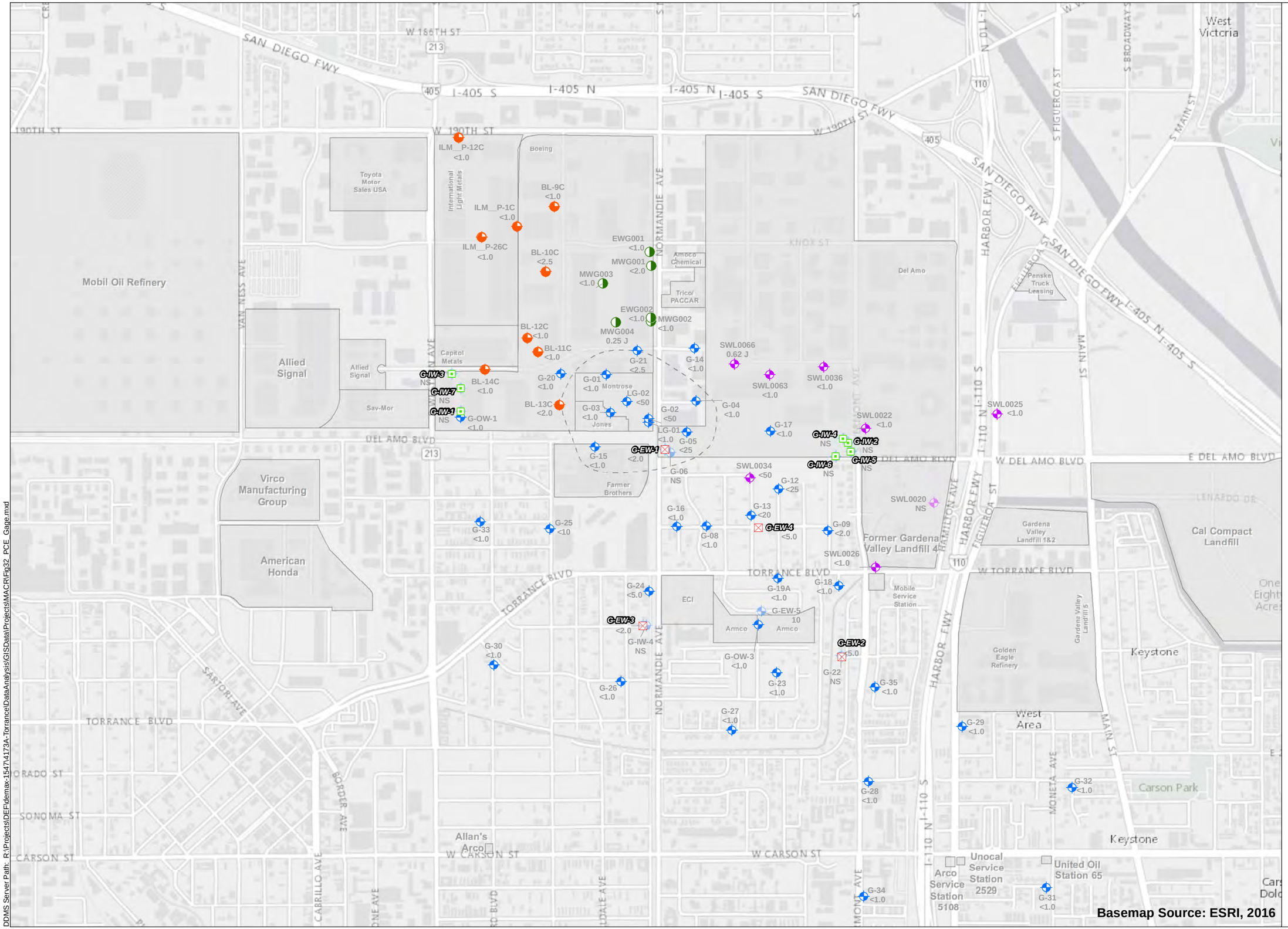


Figure 32

Dissolved Tetrachloroethene Distribution Gage 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016

- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:

1) Concentration units in ug/L
2) EPA MCL and State MCL is 5 ug/L for Tetrachloroethene, Source: Montrose Superfund Site ROD (EPA, 1999)
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

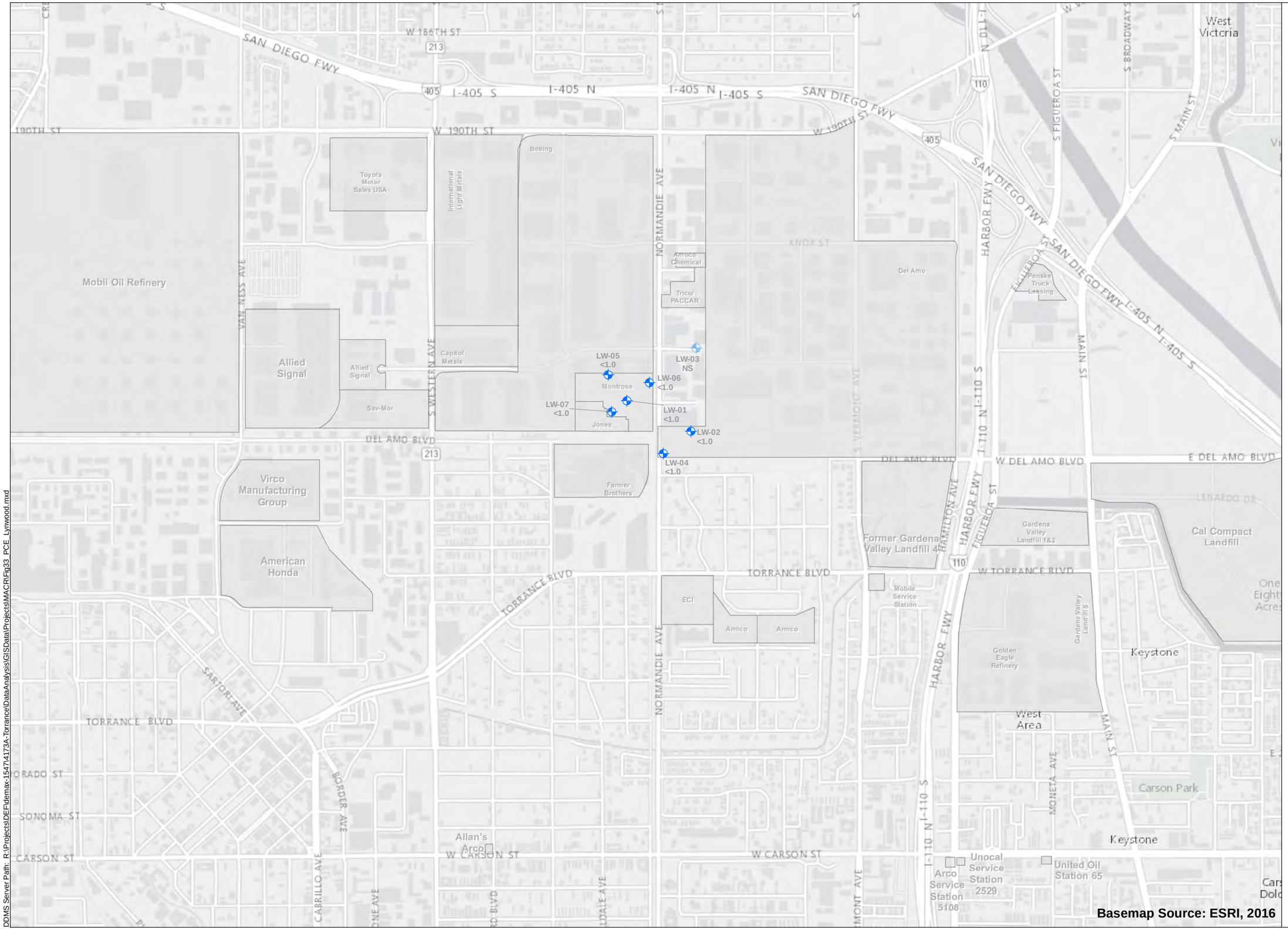
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GIS\Data\Projects\MACR\Fig32_PCE_Gage.mxd

Figure 33

Dissolved Tetrachloroethene Distribution Lynwood 2015

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR
Plot Date: 3/17/2016



- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled
- NS = Well Not Sampled (well symbol faded)

Notes:
1) Concentration units in ug/L
2) EPA MCL and State MCL is 5 ug/L for Tetrachloroethene, Source: Montrose Superfund Site ROD (EPA, 1999)

N

0 600 1,200 Feet

1 inch = 1,200 feet

Figure generated by ddms

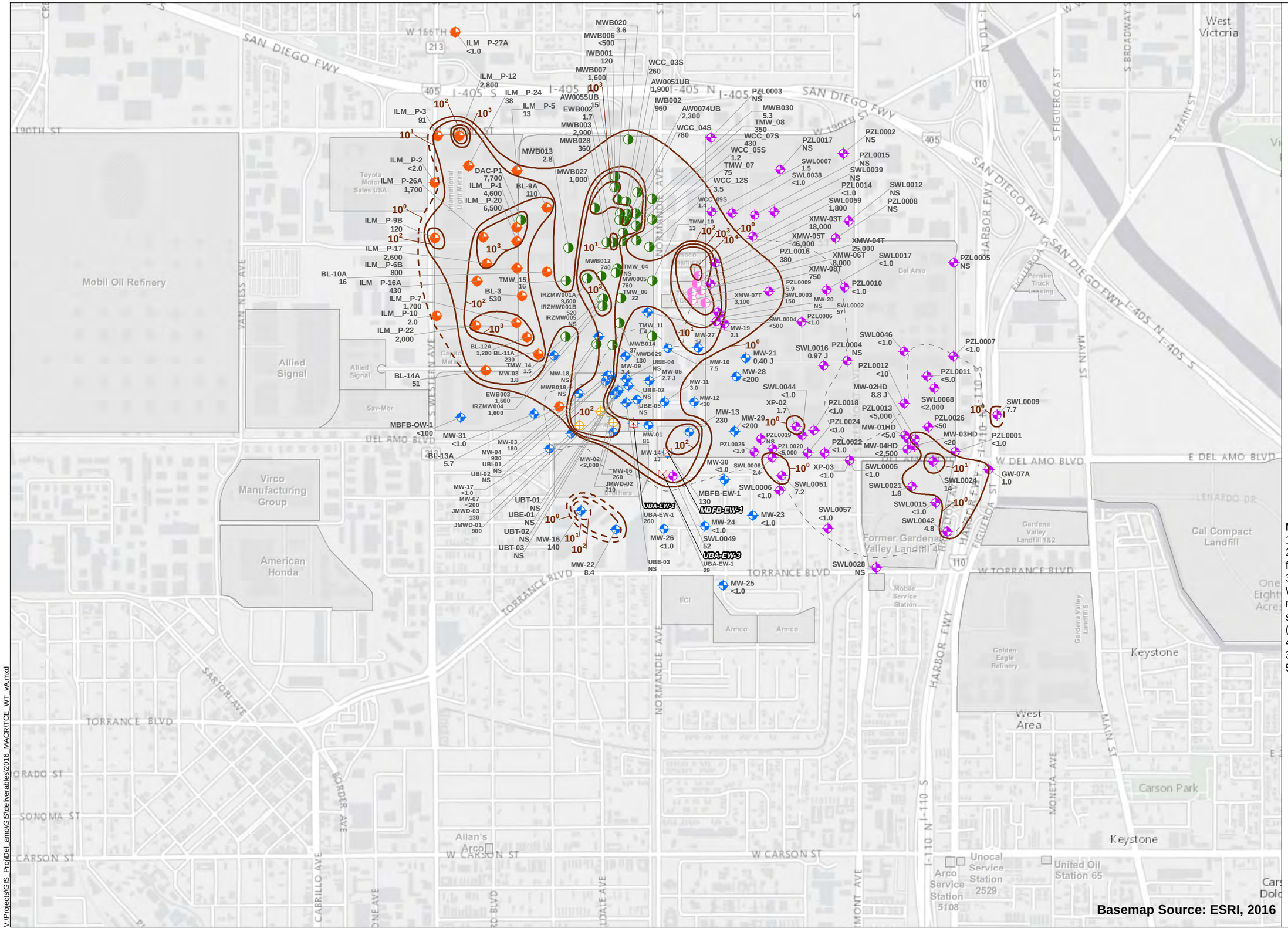
DDMS Server Path: R:\Projects\DEF\demax-1547\4173A-Torrance\DataAnalysis\GISData\Projects\MACR\Fig33_PCE_Lynwood.mxd

Figure 34

Dissolved TCE Distribution Water Table

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR



Basemap Source: ESRI, 2016

- TCE Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Monitoring Well Not Sampled in 2015, Historical Benzene Concentration (ug/L), January 2003
- TGRS Extraction Well
- TGRS Injection Well
- Water Table TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) UBA-EW-3 sampled on 3/12/2015
5) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

V:\Projects\GIS_Proj\Del_amo\GIS\deliverables\2016_MACR\TCE_WT_vA.mxd

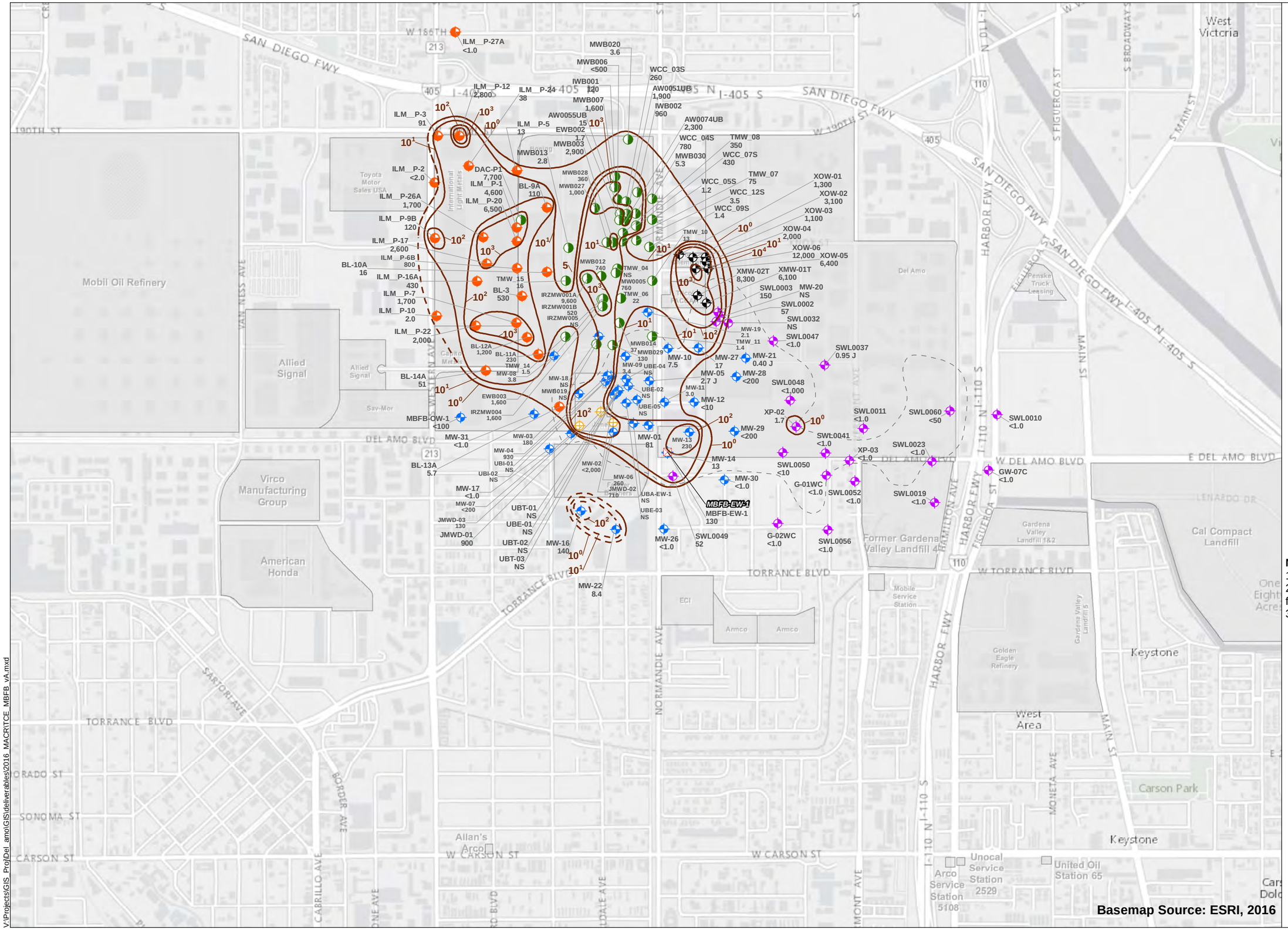


Figure 35

Dissolved TCE Distribution MBFB

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TCE Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Monitoring Well Not Sampled in 2015, Historical Benzene Concentration (ug/L), January 1998, 2004
- TGRS Extraction Well
- TGRS Injection Well
- MBFB TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

Basemap Source: ESRI, 2016

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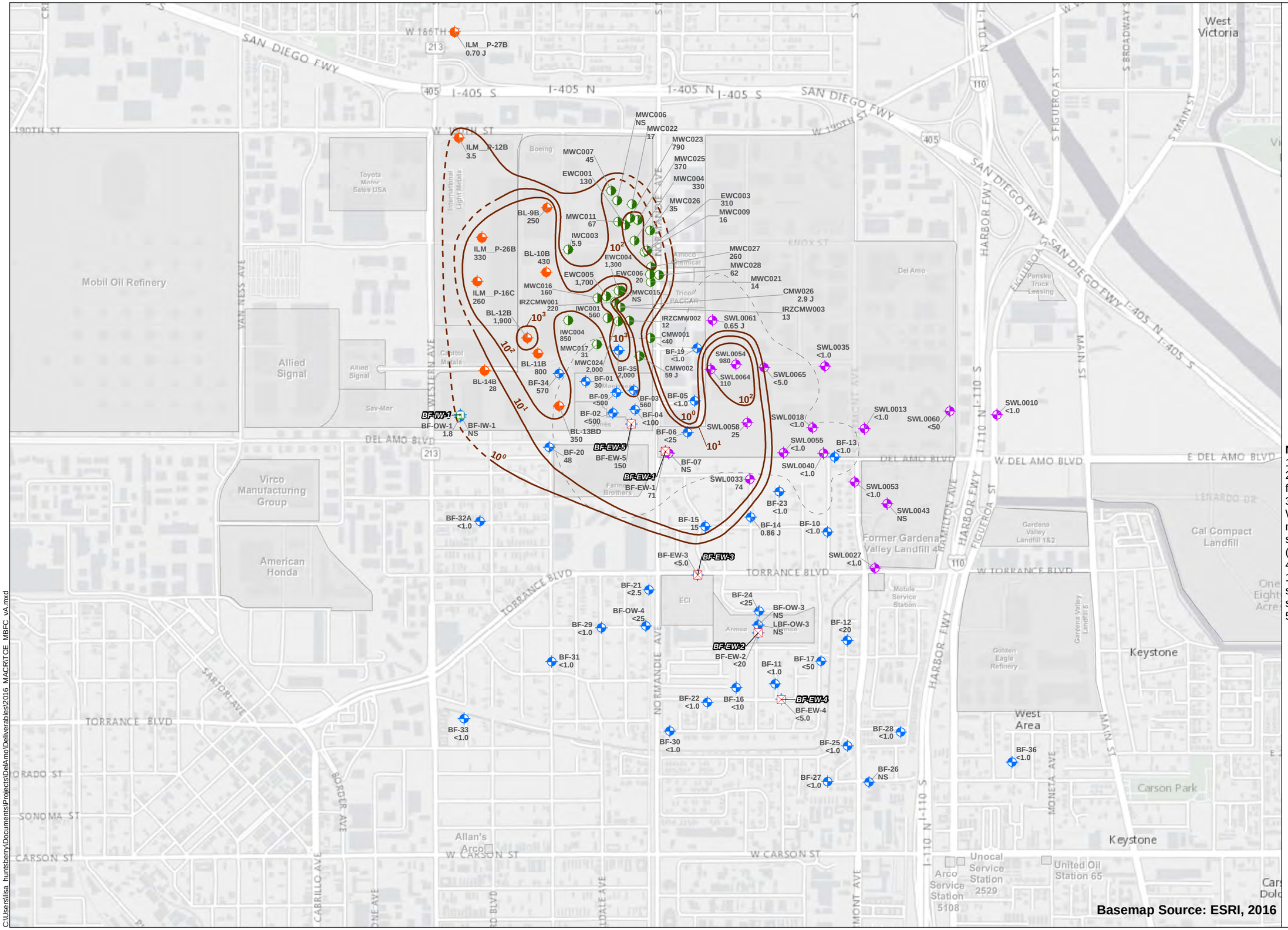

Figure 36

Dissolved TCE Distribution MBFC

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TCE Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFC TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) BF-EW-1 and BF-EW-5 sampled 11/20/2015; BF-EW-2 and BF-EW-4 sampled 3/11/2015; BF-EW-3 sampled 3/12/2015
5) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

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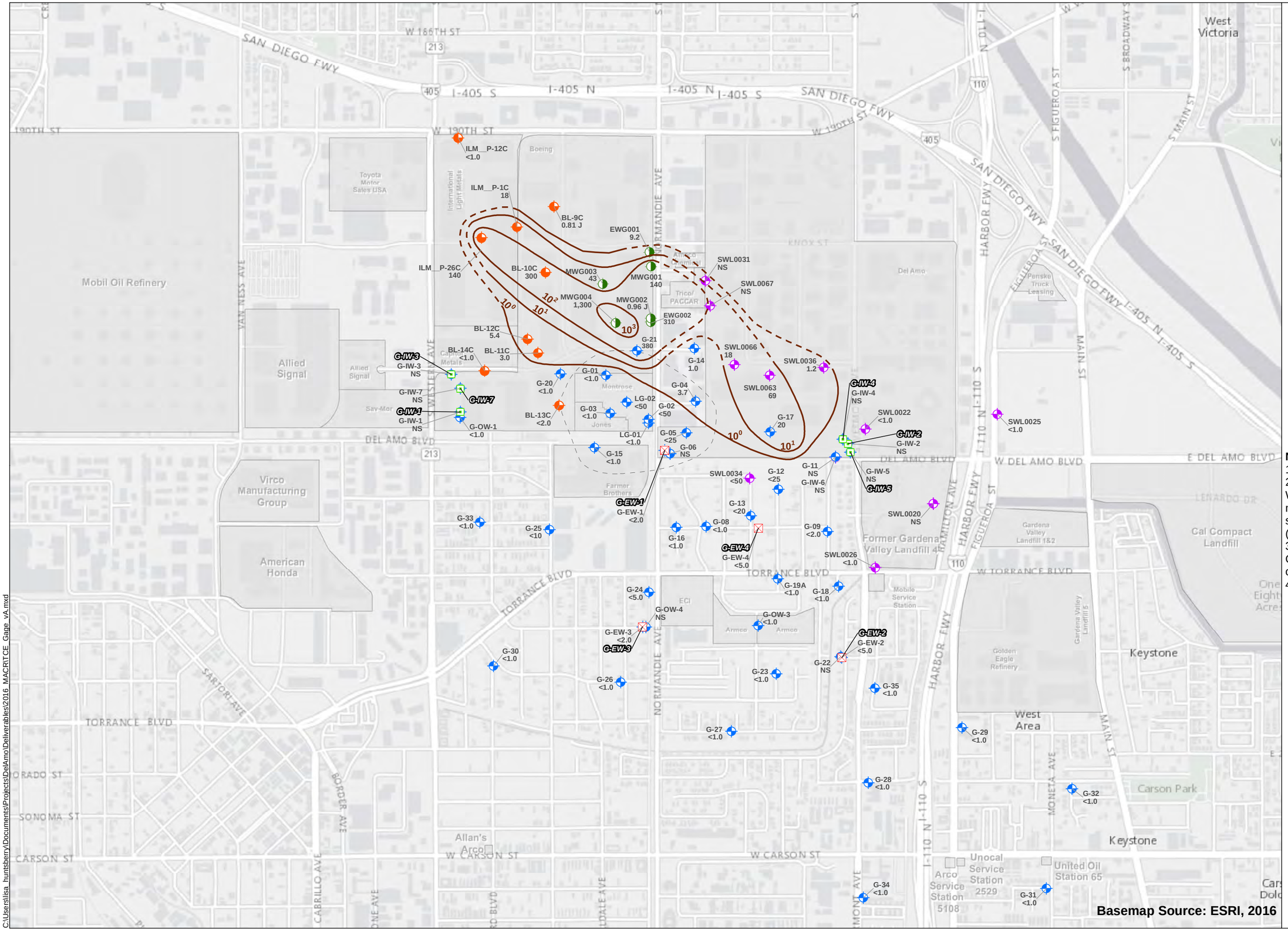

Figure 37

Dissolved TCE Distribution Gage

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- TCE Contour (dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- Gage TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
3) G-EW-1 sampled on 3/26/2015; G-EW-2,G-EW-3,G-EW-4, sampled on 3/11/2015
4) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

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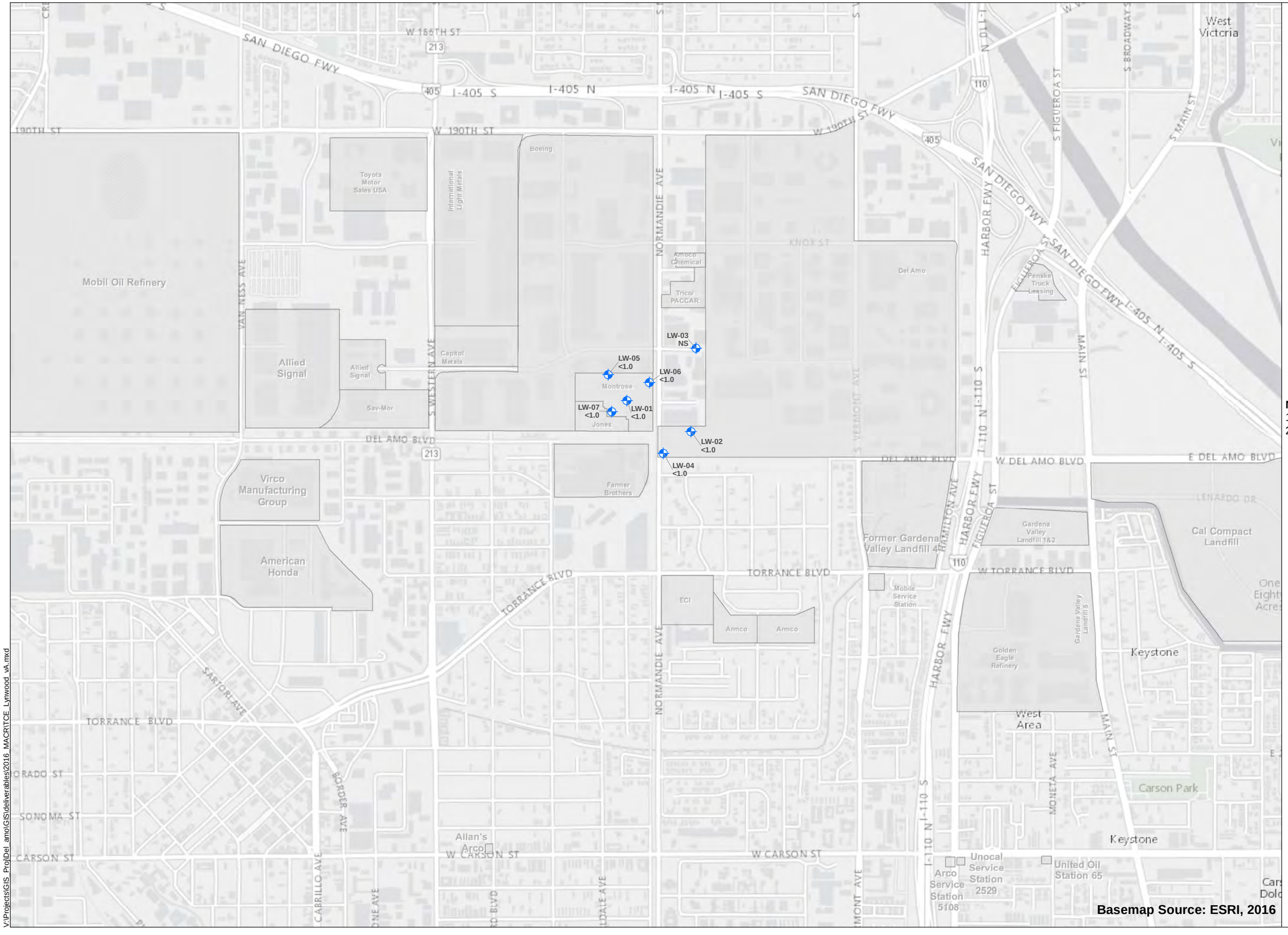

Figure 38

Dissolved TCE Distribution Lynwood

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) NS = Well Not Sampled

N

0 600 1,200 Feet

1 inch = 1,200 feet

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APPENDIX B

WASTE MANAGEMENT

#555

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAR000216663
2. Page 1 of 1
3. Emergency Response Phone: 866-512-9565
4. Manifest Tracking Number: 014129712 JJK

5. Generator's Name and Mailing Address
Equilon Enterprise LLC dba Shell Oil Products US
P.O. Box 92316
Long Beach CA 90809-2316
Generator's Phone: 310 522-1168

Generator's Site Address (if different than mailing address)
Del Amo Waste Pits Respondents
20245 S. Vermont Ave
Torrance CA 90502

6. Transporter 1 Company Name: American Integrated Services Inc
U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Evoqua Water Technologies Inc.
5375 S Boyle Ave
Los Angeles CA 90058
Facility's Phone: 323 277-1500
U.S. EPA ID Number: CAD097030993

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3082, Hazardous Waste Liquid, n.o.s. (Benzene), 9, PG III	001	TT	427	G	135	D018	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Wear proper PPE while handling. Weights or volumes are approximate. RS99721
GHD is the Emergency Response Contractor
Job# 35010-10-6 RWR# 7217 Profile# P191619
D216769

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: AIS on behalf of Generator - J Sherman
Signature: AIS
Month 11 Day 16 Year 15

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Billy Marroscal
Signature: Billy
Month 11 Day 16 Year 15
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H135 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Aaron Hosted
Signature:
Month 11 Day 16 Year 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAR000216663
2. Page 1 of 1
3. Emergency Response Phone: 866-912-9565
4. Manifest Tracking Number: 014129713 JJK

5. Generator's Name and Mailing Address
Equilon Enterprise LLC dba Shell Oil Products US
P.O. Box 92316
Long Beach CA 90809-2316
Generator's Phone: 310 522-1168

Generator's Site Address (if different than mailing address)
Del Amo Waste Pits Respondents
20245 S. Vermont Ave
Torrance CA 90502

6. Transporter 1 Company Name: American Integrated Services Inc
U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors- Wilmington, LLC
1737 E. Denni Street
Wilmington CA 90744
Facility's Phone: 310 835-9968
U.S. EPA ID Number: CAD044429835

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ UN1993, Waste Flammable Liquid, n.o.s. (Benzene), 3, PG II	2	DM	32	G	135	D001	D018
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Wear proper PPE while handling. Weights or volumes are approximate. 2X55DM
GHD is the Emergency Response Contractor
Job# 35009-10-59 RWR# 7218 profile# CH1093696 SO#1503643637

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: AIS on behalf of Generator - J Sherman
Signature: AIS
Month 11 Day 18 Year 15

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Eddie Lino
Signature:
Month 11 Day 18 Year 15
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) 35010 35009
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Sidney Burrow
Signature:
Month 11 Day 18 Year 15

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

APPENDIX C

HISTORIC WATER LEVEL SUMMARY TABLE

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1985 Apr	1985 May	1985 Jun	1985 Jul	1985 Aug	1985 Oct	1985 Nov	1986 Jan	1986 Aug	1987 Jan	1987 Feb	1987 Mar	1987 Nov	1988 Jan	1988 Mar	1988 Apr	1988 Jul	1988 Oct	1989 Jan	1989 Feb	1989 May	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Apr	1990 Aug	1990 Nov	1990 Dec	1991 Apr
Water Table	Boeing	AW0051UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0055UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0074UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	DAC-P1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW001A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW001B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IWB001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MW0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB029	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_03S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_04S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_05S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_07S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_09S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_12S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	GW-07A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	MW-01HD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	MW-02HD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	MW-03HD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	MW-04HD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1991 Oct	1991 Nov	1992 Jul	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Nov	1993 Dec	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan
Water Table	Boeing	AW0051UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0055UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0074UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	DAC-P1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW001A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW001B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IWB001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MW0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB029	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_03S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_04S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_05S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_07S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_09S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_12S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	GW-07A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.31	--	-21.58	--	--	-19.79	--	--	--
Water Table	Del Amo	MW-01HD	--	--	--	--	--	--	--	--	--	--	--	--	-17.03	-17.03	-16.90	-16.75	-16.61	-16.60	-16.59	--	--	--	-16.09	--	-16.06	--	--	-16.15	--	--	--
Water Table	Del Amo	MW-02HD	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.93	-14.85	-14.85	-14.92	--	-14.99	--	--	--	-14.87	--	-14.93	--	--	-15.10	--	--	--
Water Table	Del Amo	MW-03HD	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.06	-16.01	-15.90	-15.85	-15.73	--	-15.57	--	--	-15.41	--	-15.41	--	--	-15.54	--	--	--
Water Table	Del Amo	MW-04HD	--	--	--	--	--	--	--	--	--	--	--	--	-19.91	-19.82	-19.77	-19.62	-19.74	-19.61	-19.65	--	--	--	-19.24	--	-19.36	--	--	-19.57	--	--	--
Water Table	Del Amo	PZL0001	--	--	--	--	--	--	--	--	--	-21.60	-21.32	-21.55	--	-21.22	--	--	--	--	-20.62	--	--	--	-19.91	--	-20.05	--	--	-20.32	--	--	--
Water Table	Del Amo	PZL0006	--	--	--	--	--	--	--	--	--	-23.67	-19.31	-19.31	--	-19.11	--	--	--	--	--	-18.83	--	--	-17.81	--	-17.72	--	--	-17.94	--	--	--
Water Table	Del Amo	PZL0007	--	--	--	--	--	--	--	--	--	--	-20.06	-20.09	--	-19.86	--	--	--	--	-19.34	--	--	--	-18.60	--	-18.74	--	--	-18.96	--	--	-18.60
Water Table	Del Amo	PZL0009	--	--	--	--	--	--	--	--	--	--	-19.09	-19.00	--	-18.71	-18.68	-18.68	-18.45	-18.36	--	-18.18	-18.05	--	-17.66	--	-17.47	--	-17.54	-17.48	-17.36	-17.31	-17.44
Water Table	Del Amo	PZL0010	--	--	--	--	--	--	--	--	--	--	-19.00	-19.08	-18.97	-18.78	--	--	--	--	--	-18.34	--	--	-17.64	--	-17.76	--	--	-17.87	--	--	--
Water Table	Del Amo	PZL0011	--	--	--	--	--	--	--	--	--	--	-18.38	-18.35	--	-17.91	--	--	--	--	-17.54	--	--	--	-17.16	--	-17.16	--	--	-17.10	--	--	-17.08
Water Table	Del Amo	PZL0012	--	--	--	--	--	--	--	--	--	--	-20.27	-20.35	--	-20.10	--	--	--	--	-19.71	--	--	--	-19.49	--	-19.61	--	--	-18.70	--	--	-18.86
Water Table	Del Amo	PZL0013	--	--	--	--	--	--	--	--	--	--	-15.82	-15.78	-15.82	-15.77	--	--	-15.79	-15.81	-15.83	--	--	--	-29.01	--	-15.96	--	--	-16.04	--	--	-16.08
Water Table	Del Amo	PZL0014	--	--	--	--	--	--	--	--	--	--	-17.18	-17.18	--	-17.02	--	--	--	--	--	-16.47	--	--	-15.97	--	-16.04	--	--	-15.98	--	--	--
Water Table	Del Amo	PZL0016	--	--	--	--	--	--	--	--	--	--	--	-18.98	--	-18.94	--	--	--	--	-18.57	--	-18.42	--	-17.99	--	-17.91	--	--	-17.81	--	--	--
Water Table	Del Amo	PZL0018	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.16	--	--	--	--	--	-20.08	--	--	--	--	-19.44	--	--	-19.64	--	--	--
Water Table	Del Amo	PZL0019	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.54	--	--	--	--	-19.32	--	--	--	-18.71	--	-18.73	--	--	-18.64	--	--	--
Water Table	Del Amo	PZL0020	--	--	--	--	--	--	--	--	--	--	--	--	-17.34	-17.42	--	--	--	--	-17.70	--	--	--	-17.51	--	-17.42	--	--	-17.63	--	--	-17.73
Water Table	Del Amo	PZL0022	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.31	--	--	--	--	--	-18.88	--	--	--	-18.85	-18.95	--	--	-18.88	--	--	--
Water Table	Del Amo	PZL0024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.92	-18.70	--	--	-18.68	--	--	--	-18.33	--	-18.71	--	--	-18.27	--	--	--
Water Table	Del Amo	PZL0025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.11	-18.92	--	--	-19.37	--	--	--	-19.27	--	-19.24	--	--	-11.77	--	--	--
Water Table	Del Amo	PZL0026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.85	-13.93	--	-14.62	--	--	--	--	-14.58	--	--	-14.61	--	--	-14.87

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec	1996 Jan	1996 Feb	1996 May	1996 Jun	1996 Aug	1996 Sep	1996 Oct	1997 Jan	1998 Feb	1998 Mar	1999 Jan	1999 Feb	2000 Jun	2000 Jul	2000 Aug	2001 Jan	2002 Jan	2002 Sep	2002 Oct
Water Table	Boeing	AW0051UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0055UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	AW0074UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	DAC-P1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	EWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW001A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW001B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IRZMW005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IWB001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	IWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MW0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB029	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	MWB030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	TMW_15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_03S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_04S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_05S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_07S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_09S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Boeing	WCC_12S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	GW-07A	--	-17.94	--	--	-18.11	--	--	--	-18.46	--	--	-17.86	--	-17.96	--	--	--	-17.97	-17.92	-16.76	--	-15.92	--	17.57	--	--	--	--	--	--
Water Table	Del Amo	MW-01HD	--	-15.78	--	--	-15.41	--	--	--	-15.36	--	--	-15.19	--	-15.04	--	--	--	-15.02	-15.97	-14.61	--	--	--	-13.72	--	--	--	--	--	--
Water Table	Del Amo	MW-02HD	--	-14.92	--	--	-14.40	--	--	--	-14.57	--	--	-14.52	--	-14.68	--	--	--	-14.58	-14.56	--	--	--	-13.55	--	--	--	--	--	--	--
Water Table	Del Amo	MW-03HD	--	-15.26	--	--	-14.68	--	--	--	-14.92	--	--	-14.78	--	-14.86	--	--	--	-14.76	-14.78	-14.24	--	--	-13.64	-13.54	--	--	--	--	--	--
Water Table	Del Amo	MW-04HD	--	-18.62	--	--	-17.83	--	--	--	-18.34	--	--	-18.68	--	-18.01	--	--	--	-17.81	-18.21	-17.44	--	--	-16.88	-16.81	--	--	--	--	--	--
Water Table	Del Amo	PZL0001	--	-19.19	--	--	-18.65	--	-18.91	--	-18.97	--	--	-18.41	--	-18.70	--	--	--	-18.73	-19.08	-18.43	--	-17.21	--	-17.12	--	--	--	--	--	--
Water Table	Del Amo	PZL0006	--	-17.06	--	--	-16.47	--	--	--	-16.82	--	--	-16.60	--	-16.37	--	--	--	-15.05	-15.96	-16.62	--	-14.52	--	-14.39	--	--	--	--	--	--
Water Table	Del Amo	PZL0007	-18.18	-17.98	--	--	-17.58	--	-17.50	--	-17.65	--	--	-17.10	--	-17.35	--	--	--	-17.44	-17.48	-16.78	--	-15.92	--	-15.96	--	--	--	--	--	--
Water Table	Del Amo	PZL0009	-17.15	-17.00	--	--	-16.42	--	--	--	-16.34	--	--	-15.95	--	-15.74	--	--	--	-15.25	-15.65	-14.87	--	-13.47	--	-13.77	--	--	--	--	--	--
Water Table	Del Amo	PZL0010	--	-16.95	--	--	-16.57	--	-16.50	--	-16.60	--	--	-16.30	--	-16.19	--	--	--	-16.07	-16.21	-15.23	--	-14.35	--	-14.52	--	--	--	--	--	--
Water Table	Del Amo	PZL0011	--	-16.88	--	--	-15.88	--	-16.13	--	-15.92	--	--	-15.83	--	-15.65	--	--	--	-15.60	-15.72	-15.23	--	-13.98	--	-14.29	--	--	--	--	--	--
Water Table	Del Amo	PZL0012	--	-18.47	--	--	-17.71	--	-17.91	--	-18.04	--	--	-15.53	-17.46	-17.56	--	--	--	-16.01	-17.84	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0013	--	-15.93	--	--	-15.44	--	-15.65	--	-15.48	--	--	-15.58	--	-15.46	--	--	--	-15.21	-15.32	-14.78	--	-13.88	--	-15.06	--	--	--	--	--	--
Water Table	Del Amo	PZL0014	--	-15.27	--	--	-14.90	--	--	--	-14.64	--	--	-14.33	--	-14.09	--	--	--	-13.92	-13.91	-12.57	--	-11.53	--	-11.89	--	--	--	--	--	--
Water Table	Del Amo	PZL0016	--	-17.46	--	--	-16.90	--	--	--	-16.79	--	--	-16.50	--	-16.15	--	--	--	-15.87	-15.89	-14.54	--	--	-13.96	-14.01	--	--	--	--	--	--
Water Table	Del Amo	PZL0018	--	-17.57	--	--	-17.31	--	--	--	-17.98	--	--	-17.84	--	-17.35	--	--	--	-19.76	-17.38	-15.72	--	-16.03	--	-16.16	--	--	--	--	--	--
Water Table	Del Amo	PZL0019	--	-18.16	--	--	-16.88	--	--	--	-16.78	--	--	-16.67	--	-16.17	--	--	--	-16.48	-16.26	-15.65	--	-14.19	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0020	--	-16.78	--	--	-15.16	--	--	--	-15.45	--	--	-15.27	--	-15.37	--	--	--	-15.69	-13.49	-14.70	--	-13.65	--	-14.47	--	--	--	--	--	--
Water Table	Del Amo	PZL0022	--	-19.25	--	--	-18.83	--	--	--	-18.73	--	--	-18.87	--	-18.78	--	--	--	-18.95	-18.87	-18.35	--	-17.01	--	-17.62	--	--	--	--	--	--
Water Table	Del Amo	PZL0024	--	-18.62	--	--	-10.44	-16.26	--	--	-16.13	--	--	-19.30	-16.28	-16.11	--	--	--	-16.38	-15.75	-14.28	--	-13.54	--	--	--	--	--	--	--	--
Water Table	Del Amo	PZL0025	--	-18.03	--	--	-16.86	--	--	--	-17.11	--	--	-16.99	--	-17.12	--	--	--	-17.14	-16.86	-16.38	--	-14.93	--	-15.68	--	--	--	--	--	--
Water Table	Del Amo	PZL0026	-14.30	-14.57	--	--	-14.21	--	-14.11	--	-14.18	--	--	-14.16	--	-14.02	--	--	--	-14.09	-14.44	-13.64	--	-12.97	--	-12.93	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	2004 Jan	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2005 Feb	2005 Mar	2005 Jul	2005 Dec	2006 Sep	2006 Oct	2006 Dec	2011 Feb	2012 Feb	2012 Mar	2012 Nov	2014 Sep
Water Table	Boeing	AW0051UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.72
Water Table	Boeing	AW0055UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.58
Water Table	Boeing	AW0074UB	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.46
Water Table	Boeing	DAC-P1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-6.46
Water Table	Boeing	EWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.81
Water Table	Boeing	EWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.68
Water Table	Boeing	IRZMW001A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.28
Water Table	Boeing	IRZMW001B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.34
Water Table	Boeing	IRZMW004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.27
Water Table	Boeing	IRZMW005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.54
Water Table	Boeing	IWB001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.12
Water Table	Boeing	IWB002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.27
Water Table	Boeing	MW0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.64
Water Table	Boeing	MWB003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.94
Water Table	Boeing	MWB006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-6.45
Water Table	Boeing	MWB007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.09
Water Table	Boeing	MWB012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.40
Water Table	Boeing	MWB013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.31
Water Table	Boeing	MWB014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.99
Water Table	Boeing	MWB019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.87
Water Table	Boeing	MWB020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-6.41
Water Table	Boeing	MWB027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.40
Water Table	Boeing	MWB028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.91
Water Table	Boeing	MWB029	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.06
Water Table	Boeing	MWB030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.25
Water Table	Boeing	TMW_04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.35
Water Table	Boeing	TMW_06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.15
Water Table	Boeing	TMW_07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.02
Water Table	Boeing	TMW_08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.88
Water Table	Boeing	TMW_10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.89
Water Table	Boeing	TMW_11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.86
Water Table	Boeing	TMW_14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.15
Water Table	Boeing	TMW_15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.26
Water Table	Boeing	WCC_03S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.33
Water Table	Boeing	WCC_04S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.76
Water Table	Boeing	WCC_05S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.42
Water Table	Boeing	WCC_07S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.33
Water Table	Boeing	WCC_09S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.72
Water Table	Boeing	WCC_12S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.02
Water Table	Del Amo	GW-07A	-15.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.69	--	--	-8.94	--	--	-9.38
Water Table	Del Amo	MW-01HD	-13.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.48	--	--	-8.83	--	--	-8.98
Water Table	Del Amo	MW-02HD	-13.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.30	--	--	-8.80	--	--	-8.95
Water Table	Del Amo	MW-03HD	-13.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.21	--	--	-8.86	--	--	-9.27
Water Table	Del Amo	MW-04HD	-15.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.09	--	--	-9.77	--	--	-10.05
Water Table	Del Amo	PZL0001	-16.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.36	--	--	-10.04	--	--	-10.48
Water Table	Del Amo	PZL0006	-13.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.40	--	--	-8.59	--	--	-9.37
Water Table	Del Amo	PZL0007	-14.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.96	--	--	-9.39	--	--	-9.58
Water Table	Del Amo	PZL0009	-13.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.11	--	--	-8.07	--	--	-9.16
Water Table	Del Amo	PZL0010	-13.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.60	--	--	-8.91	--	--	-9.67
Water Table	Del Amo	PZL0011	-13.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.78	--	--	-7.29	--	--	-9.26
Water Table	Del Amo	PZL0012	-13.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.31	--	--	-8.50	--	--	-8.53
Water Table	Del Amo	PZL0013	-13.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.63	--	--	-8.77	--	--	-8.97
Water Table	Del Amo	PZL0014	-11.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.77	--	--	-7.74	--	--	-8.86
Water Table	Del Amo	PZL0016	-13.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.49	--	--	-8.88	--	--	-9.51
Water Table	Del Amo	PZL0018	-15.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.24	--	--	-8.88	--	--	-9.92
Water Table	Del Amo	PZL0019	-12.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.10	--	--	-8.55	--	--	-8.58
Water Table	Del Amo	PZL0020	-13.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.88	--	--	-8.75	--	--	-9.66
Water Table	Del Amo	PZL0022	-14.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.93	--	--	-8.78	--	--	-9.76
Water Table	Del Amo	PZL0024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.47	--	--	-9.49
Water Table	Del Amo	PZL0025	-14.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.64	--	--	-9.00	--	--	-8.40
Water Table	Del Amo	PZL0026	-12.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.47	--	--	-8.33	--	--	-8.49

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1985 Apr	1985 May	1985 Jun	1985 Jul	1985 Aug	1985 Oct	1985 Nov	1986 Jan	1986 Aug	1987 Jan	1987 Feb	1987 Mar	1987 Nov	1988 Jan	1988 Mar	1988 Apr	1988 Jul	1988 Oct	1989 Jan	1989 Feb	1989 May	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Apr	1990 Aug	1990 Nov	1990 Dec	1991 Apr
Water Table	Del Amo	SWL0002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0038	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0042	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0044	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0046	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0049	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0051	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0057	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0059	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0068	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	XP-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	XP-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MBFB-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MBFB-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-01	-26.74	-26.73	-27.26	-27.65	-26.36	-26.28	-26.24	-26.08	-25.54	-25.28	-25.17	-25.09	-24.53	-24.51	--	-24.14	-23.83	-23.55	-23.24	-23.24	-22.92	-22.37	-22.29	--	--	-21.98	-21.78	-21.47	-21.24	--	-20.91
Water Table	Montrose	MW-02	-26.19	-26.03	-25.81	-25.98	-25.63	-25.50	-25.52	-25.36	-24.83	-24.69	-24.56	-24.43	-24.02	-23.91	-23.69	-23.67	-23.30	-23.11	--	-22.65	-22.31	-21.63	--	--	--	-21.31	-21.19	-21.01	-20.76	--	-20.43
Water Table	Montrose	MW-03	-26.14	-24.44	--	-26.76	-25.83	-25.68	-25.74	-25.66	-25.03	-24.91	-24.69	-24.32	-23.72	-23.58	--	-23.07	-22.73	-22.60	-22.08	-22.15	-21.66	-21.22	-21.11	--	--	-20.82	-20.52	-20.43	-20.23	--	-20.11
Water Table	Montrose	MW-04	-25.97	-25.92	-26.17	-26.09	-25.59	-25.61	-25.62	-25.47	-24.97	-24.67	-24.43	-24.28	-23.75	-23.65	--	-23.22	-22.89	-22.68	-22.25	-22.31	-21.93	-21.42	-21.33	--	--	-21.01	-20.84	-20.59	-20.44	--	-20.19
Water Table	Montrose	MW-05	-26.45	-25.84	--	-26.34	-26.03	-25.92	-25.92	-25.68	-25.04	-24.85	-24.70	-24.54	-24.04	-24.09	--	-23.51	-23.23	-22.93	-22.55	-22.55	-22.25	-21.71	-21.63	--	--	-21.33	-21.06	-20.84	-20.57	--	-20.33
Water Table	Montrose	MW-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.70	-22.79	-22.30	-21.93	-21.79	--	--	-21.50	-21.19	-21.06	-20.97	--	-20.43
Water Table	Montrose	MW-07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.32	-22.57	-21.96	-21.24	-21.04	--	--	-20.64	-20.46	-20.39	-20.46	--	-20.13
Water Table	Montrose	MW-08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.71	-21.16	-21.00	--	--	-20.59	-20.45	-20.17	-19.93	--	-19.69
Water Table	Montrose	MW-09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.91	-21.53	-21.32	--	--	-20.94	-20.79	-20.58	-20.30	--	-20.08
Water Table	Montrose	MW-10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.14	-22.27	-21.88	-21.41	-21.30	--	--	-20.98	-20.79	-20.54	-20.32	--	-20.12
Water Table	Montrose	MW-11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.97	-23.04	-22.62	-22.02	-21.92	--	--	-21.59	-21.37	-21.12	-20.89	--	-20.71
Water Table	Montrose	MW-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.07	-23.12	-22.70	-22.25	-22.13	--	--	-21.79	-21.51	-21.34	-21.11	--	-20.91
Water Table	Montrose	MW-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.34	-23.43	-22.98	-22.50	-22.39	--	--	-22.04	-21.83	-21.54	-21.44	--	-21.16
Water Table	Montrose	MW-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.48	-23.55	-23.14	-22.61	-22.52	--	--	-22.13	-21.96	-21.63	-21.55	--	-21.19
Water Table	Montrose	MW-16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.60	-21.35	-21.08	--	-20.75
Water Table	Montrose	MW-17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.55	-20.41	-20.27	--	-20.07
Water Table	Montrose	MW-19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.22	-20.12	-19.84	--	-19.65
Water Table	Montrose	MW-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.34	-21.13	-21.01	--	-20.82
Water Table	Montrose	MW-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.87	-21.66	-21.45	--	-21.22
Water Table	Montrose	MW-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.66	-23.44	--	-23.22	-23.08	-22.87	-22.72	-22.43	--	-22.19
Water Table	Montrose	MW-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.97	-22.81	--	--	-22.35	-22.17	-22.16	-21.63	--	-21.51
Water Table	Montrose	MW-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-24.23	-23.96	--	--	-23.76	-23.33	-23.24	-20.24	--	-22.84
Water Table	Montrose	MW-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.79	-22.72	--	--	-22.36	-22.18	-21.92	-21.67	--	-21.38
Water Table	Montrose	MW-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBA-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1991 Oct	1991 Nov	1992 Jul	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Nov	1993 Dec	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan
Water Table	Del Amo	SWL0002	--	--	--	--	-20.73	-20.60	-20.69	-20.38	-21.51	-20.09	-19.85	-19.88	-19.61	-19.61	-19.50	-19.52	-19.50	-19.12	--	-19.23	-19.07	--	-18.59	-18.55	-18.43	-18.43	-18.48	-18.43	-18.36	-18.28	-18.53
Water Table	Del Amo	SWL0003	--	--	--	--	-20.63	-20.47	-20.57	-20.26	-19.18	-19.96	-19.86	-19.76	--	-19.52	-19.39	-19.33	-19.35	-18.94	--	-19.03	-18.95	--	-18.41	--	-18.97	-18.35	--	-18.33	-18.21	-18.14	-18.29
Water Table	Del Amo	SWL0004	--	--	--	--	-20.92	-20.71	-20.80	-20.47	-20.49	-20.14	-19.98	-19.94	-19.71	-19.72	-19.59	-19.61	-19.57	-19.17	--	-19.24	-18.72	-19.28	-18.60	-18.57	-18.47	-18.47	-18.52	-18.51	-18.38	-18.33	-18.52
Water Table	Del Amo	SWL0005	--	--	--	--	--	--	--	--	-20.25	-19.75	-19.07	-19.23	--	-18.89	--	--	--	--	--	-18.80	--	--	-18.11	-18.09	-18.13	--	--	-18.51	--	-12.86	--
Water Table	Del Amo	SWL0006	--	--	--	--	--	--	--	--	-22.13	-21.86	-21.56	-21.61	--	-21.14	--	--	--	--	--	-20.68	--	--	-20.06	--	-20.04	--	--	-19.81	--	--	--
Water Table	Del Amo	SWL0007	--	--	--	--	--	--	--	--	--	--	-18.22	-17.96	--	-17.77	--	--	--	--	--	-17.29	--	--	-16.72	--	-16.65	--	--	-16.64	--	--	--
Water Table	Del Amo	SWL0008	--	--	--	--	--	--	--	--	--	--	-16.93	-17.01	--	-17.14	--	--	--	--	--	-17.50	--	--	-17.37	--	-17.42	--	--	-17.42	--	--	-17.57
Water Table	Del Amo	SWL0009	--	--	--	--	--	--	--	--	--	--	--	--	-16.18	-16.07	--	--	--	--	-15.95	--	--	--	-15.28	--	-15.34	--	--	-15.44	--	--	--
Water Table	Del Amo	SWL0015	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.69	-21.85	--	--	--	--	-21.33	--	--	-20.55	--	-20.76	--	--	-20.89	--	--	--
Water Table	Del Amo	SWL0016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.24	-19.20	--	--	--	-19.15	-18.94	--	-18.42	--	-18.28	--	--	-18.50	--	--	--
Water Table	Del Amo	SWL0017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.85	-18.64	--	--	--	-18.36	--	--	-17.71	--	-17.75	--	--	-17.75	--	--	--
Water Table	Del Amo	SWL0021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.56	--	--	--	-21.05	--	--	-20.39	--	-20.34	--	--	-20.61	--	--	--
Water Table	Del Amo	SWL0024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-17.22	--	--	-21.28	--	--	--	-19.77	--	-19.86	--	--	-20.11	--	-19.73	--
Water Table	Del Amo	SWL0028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.37	--	-18.17	--	--	--	-17.77	--	-17.86	--	--	-18.01	--	--	--
Water Table	Del Amo	SWL0038	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.79	--	-15.53	--	-15.69	--	--	-15.72	--	--	--
Water Table	Del Amo	SWL0042	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.47	--	--	-21.72	--	--	--
Water Table	Del Amo	SWL0044	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0046	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0049	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0051	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0057	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0059	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0068	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	XP-02	--	--	--	--	--	--	--	--	-18.92	-19.74	-19.96	-20.18	--	-20.27	--	--	--	--	--	-20.19	--	--	-19.34	--	-19.43	--	--	-19.64	--	--	--
Water Table	Del Amo	XP-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MBFB-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MBFB-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-01	-20.77	-20.90	-20.89	--	--	--	--	-21.09	--	--	--	--	--	--	--	--	--	--	--	-20.24	--	--	-19.82	--	-19.75	--	--	-19.49	--	--	--
Water Table	Montrose	MW-02	--	--	-20.77	--	--	--	--	-19.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-03	--	--	-21.11	--	--	--	--	-21.19	--	--	--	--	--	--	--	--	--	--	--	-19.39	--	--	--	--	--	--	--	-19.10	--	--	--
Water Table	Montrose	MW-04	-20.44	-20.59	-20.78	--	--	--	--	-20.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.99	--	-18.89	--	--	-18.79	--	--	--
Water Table	Montrose	MW-05	-20.34	-20.53	-20.52	--	--	--	--	-20.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.08	--	-18.98	--	--	-18.77	--	--	--
Water Table	Montrose	MW-06	-20.72	-20.81	-20.97	--	--	--	--	-21.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.65	--	-19.56	--	--	-19.40	--	--	--
Water Table	Montrose	MW-07	-20.53	-20.72	-21.05	--	--	--	--	-21.41	--	--	--	--	--	--	--	--	--	--	--	-20.48	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-08	-19.82	-20.01	-20.16	--	--	--	--	-20.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-09	-20.26	-20.42	-20.46	--	--	--	--	-19.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.04	--	-18.87	--	--	-18.77	--	--	--
Water Table	Montrose	MW-10	-20.32	-20.41	-20.43	--	--	--	--	-20.55	--	-20.37	-20.25	-20.13	--	-19.82	--	--	--	--	--	-19.51	--	--	-18.90	--	-18.91	--	--	-18.76	--	--	--
Water Table	Montrose	MW-11	-20.73	-20.82	-20.76	--	--	--	--	-21.04	--	-20.75	--	-20.47	--	--	--	--	--	--	--	-19.87	--	--	-19.47	--	-19.33	--	--	-19.32	--	--	--
Water Table	Montrose	MW-12	-21.03	-21.19	-21.08	--	--	--	--	-21.20	-20.68	-20.81	-20.50	-20.39	--	--	--	--	--	--	--	--	--	--	-19.25	--	-19.20	--	--	-19.52	--	--	--
Water Table	Montrose	MW-13	-21.21	-21.36	-21.32	--	--	--	--	-21.57	-21.39	-21.25	-21.12	-20.98	--	-20.77	--	--	--	--	-20.36	--	--	--	-19.74	--	-19.79	--	--	-19.62	--	--	--
Water Table	Montrose	MW-14	-21.12	-21.24	-21.23	--	--	--	--	-21.43	--	--	-21.40	-20.94	--	-20.73	--	--	--	--	-20.33	--	--	--	-19.80	--	-19.71	--	--	-19.70	--	-19.63	--
Water Table	Montrose	MW-16	-20.86	-21.00	-21.30	--	--	--	--	-21.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.98	--	--	--	--	-19.96	--	--	--
Water Table	Montrose	MW-17	-20.50	-20.66	-21.04	--	--	--	--	-21.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-19	-19.87	-20.02	-20.06	--	--	--	--	-20.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.45	--	-18.34	--	--	-18.14	--	--	--
Water Table	Montrose	MW-21	-20.98	-21.16	-20.95	-21.16	--	-21.86	-21.36	-20.98	--	-20.58	-20.39	-20.32	--	-20.07	--	--	--	--	--	-13.89	--	--	-22.89	--	-18.62	--	--	-18.84	--	--	--
Water Table	Montrose	MW-22	-21.32	-21.45	-21.67	--	--	--	--	-21.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.16	--	-19.99	--	--	-20.02	--	--	--
Water Table	Montrose	MW-23	-22.53	-22.69	-22.63	--	--	--	--	-22.49	-22.53	--	-22.68	-21.79	--	-21.44	--	--	--	-20.27	-20.76	--	--	--	-20.28	--	-20.19	--	--	-20.25	--	--	--
Water Table	Montrose	MW-24	-21.75	-22.08	-21.80	--	--	--	--	-21.96	--	-21.34	-21.78	-20.99	--	-20.51	--	--	--	-20.16	--	-20.19	--	--	-19.80	--	-19.83	--	--	-19.81	--	--	--
Water Table	Montrose	MW-25	-23.20	-23.34	-23.31	--	--	--	--	-23.10	--	-22.80	--	-22.63	--	--	--	--	--	--	--	-21.72	--	--	-20.98	--	-21.03	--	--	-21.04	--	--	--
Water Table	Montrose	MW-26	-21.31	-21.43	-21.55	--	--	--	--	-21.73	--	-21.54	-21.49	-21.37	--	-21.06	--	--	--	--	--	--	--	--	-20.16	--	-20.09	--	--	-19.95	--	--	--
Water Table	Montrose	MW-27	-20.44	-20.65	-20.56	--	--	--	-20.87	-20.72	-20.30	-20.28	-20.15	-20.08	--	--	--	--	--	--	--	-19.43	--	--	-18.68	--	-18.70	--	--	-18.65	--	--	--
Water Table	Montrose	MW-28	--	-21.26	-21.15	--	--	-22.07	-21.71	-21.20	-21.12	-21.02	-20.81	-20.74	--	-20.46	--	--	--	--	--	-19.95	--	--	-19.29	--	-19.17	--	--	-19.33	--	--	--
Water Table	Montrose	MW-29	-21.85	-22.02	-21.90	--	--	--	--	-21.85	-21.54	-21.57	-21.28	-21.25	--	-20.95	--	--	--	--	--	-20.47	--	--	-19.73	--	-19.79	--	--	-19.76	--	--	--
Water Table	Montrose	MW-30	-21.65	-21.80	-21.78	--	--	--	--	-21.82	--	-22.08	-21.51	-21.37	--	-20.96	--	--	--	--	-20.55	--	--	--	-19.89	--	-19.89	--	--	-19.83	--	--	--
Water Table	Montrose	MW-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBA-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-01	-20.78	-20.91	-21.08	--	--	--	--	-21.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec	1996 Jan	1996 Feb	1996 May	1996 Jun	1996 Aug	1996 Sep	1996 Oct	1997 Jan	1998 Feb	1998 Mar	1999 Jan	1999 Feb	2000 Jun	2000 Jul	2000 Aug	2001 Jan	2002 Jan	2002 Sep	2002 Oct
Water Table	Del Amo	SWL0002	-18.11	-18.07	--	--	-17.44	--	-17.41	-17.32	-17.31	--	--	-17.06	-17.04	--	--	-16.56	-16.52	-16.56	-16.63	-15.78	--	-14.75	--	-14.52	--	--	--	--	--	--
Water Table	Del Amo	SWL0003	--	-17.91	--	--	-17.25	--	-17.27	--	-17.14	--	--	-9.50	-16.90	--	--	-16.61	-16.81	-16.48	-16.69	-15.53	--	-14.50	--	-14.58	--	--	--	--	--	--
Water Table	Del Amo	SWL0004	-18.11	-18.12	-17.62	--	-17.57	-17.52	-17.43	-17.35	-17.45	-17.37	--	-17.07	-17.07	--	--	-16.78	-16.80	-16.91	-17.18	-15.87	--	-15.02	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0005	--	-16.80	--	--	-16.16	--	--	--	-16.61	--	--	-16.37	--	-16.64	--	--	--	-16.65	-16.44	-13.88	--	-14.96	--	-19.81	--	-15.33	--	--	--	--
Water Table	Del Amo	SWL0006	--	-19.15	--	--	-18.62	--	--	--	-18.73	--	--	-18.38	--	-18.22	--	--	--	-18.20	-18.39	-17.61	--	--	-16.93	-16.93	--	--	--	--	--	--
Water Table	Del Amo	SWL0007	--	-16.29	--	--	-15.87	--	--	--	-15.49	--	--	-15.27	--	-14.93	--	--	--	-14.62	-14.61	-13.56	--	-12.51	--	-12.75	--	--	--	--	--	--
Water Table	Del Amo	SWL0008	-16.03	-15.86	--	--	-15.06	--	--	--	-15.18	--	--	-15.40	--	-15.16	--	--	--	-15.57	-15.74	-14.60	--	-13.60	--	-14.32	--	--	--	--	--	--
Water Table	Del Amo	SWL0009	--	-12.87	--	--	-12.38	--	-12.54	--	-12.89	--	--	-12.91	--	-12.69	--	--	--	-12.94	-12.23	-10.67	--	-9.68	--	-9.19	--	--	--	--	--	--
Water Table	Del Amo	SWL0015	--	-19.93	--	--	-19.19	--	--	--	-19.46	--	--	-18.75	--	-19.61	--	--	--	-19.09	-19.54	-18.96	--	-17.89	--	-17.91	--	--	--	--	--	--
Water Table	Del Amo	SWL0016	--	-17.27	--	--	-16.83	--	--	--	-17.26	--	--	-18.93	-16.82	-15.38	--	--	--	-16.72	-16.86	-16.08	--	-14.88	--	-15.15	--	--	--	--	--	--
Water Table	Del Amo	SWL0017	--	-17.01	--	--	-16.55	--	--	--	-16.64	--	--	-16.27	--	-16.13	--	--	--	-15.88	-16.20	-15.31	--	--	--	-14.45	--	--	--	--	--	--
Water Table	Del Amo	SWL0021	--	-19.55	--	--	-19.00	--	--	--	-19.24	--	--	-18.61	--	-18.82	--	--	--	-17.53	-19.39	-16.77	--	-17.73	--	--	-16.80	--	--	--	--	--
Water Table	Del Amo	SWL0024	--	-19.04	--	--	-18.49	--	--	--	-18.85	--	--	-18.22	--	-19.74	--	--	--	-18.65	-18.89	-16.43	--	-16.34	--	-16.41	--	--	--	--	--	--
Water Table	Del Amo	SWL0028	--	-17.17	--	--	-16.00	--	--	--	-15.82	--	--	-15.84	--	-15.63	--	--	--	-15.79	-15.79	-15.52	--	-13.28	--	-13.43	--	--	--	--	--	--
Water Table	Del Amo	SWL0038	--	-15.20	--	--	-14.77	--	--	--	-14.49	--	--	-14.18	--	-13.99	--	--	--	-13.79	-13.84	-12.55	--	-11.58	--	-11.98	--	--	--	--	--	--
Water Table	Del Amo	SWL0042	--	-20.83	--	--	-19.99	--	--	--	-20.43	--	--	-19.59	--	-19.99	--	--	--	-19.94	-20.23	-19.99	--	-18.45	--	--	-18.65	--	--	--	--	--
Water Table	Del Amo	SWL0044	--	--	--	--	-16.81	--	--	--	-17.26	--	--	-17.08	--	-16.62	--	--	--	-17.13	-16.40	-15.13	--	-15.21	--	-15.39	--	--	--	--	--	--
Water Table	Del Amo	SWL0046	--	--	--	--	--	--	--	--	-17.47	--	--	-17.08	--	-17.08	--	--	--	-16.29	-16.72	-16.44	--	-15.42	--	-15.62	--	--	--	--	--	--
Water Table	Del Amo	SWL0049	--	--	--	--	--	--	--	--	-18.85	--	--	-18.52	--	-18.21	--	--	--	-17.95	-18.13	-17.14	--	-16.26	--	-16.16	--	--	--	--	--	--
Water Table	Del Amo	SWL0051	--	--	--	--	--	--	--	--	-14.87	--	--	-16.76	-16.10	-15.20	--	--	--	-15.30	-15.66	-15.38	--	-13.72	--	-18.75	-14.40	--	--	--	--	--
Water Table	Del Amo	SWL0057	--	--	--	--	--	--	--	--	--	-14.36	--	-14.28	--	-14.52	--	--	--	-14.56	-14.41	-14.08	--	-12.61	--	-13.34	--	--	--	--	--	--
Water Table	Del Amo	SWL0059	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	SWL0068	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Del Amo	XP-02	--	-17.50	--	--	-17.96	--	--	--	-18.08	--	--	-17.74	--	-17.47	--	--	--	--	-17.09	-15.41	--	-15.85	--	-16.05	--	--	--	--	--	--
Water Table	Del Amo	XP-03	--	-19.20	--	--	-19.29	--	--	--	-19.25	--	--	-18.53	--	-18.89	--	--	--	-18.98	-18.78	-18.33	--	-17.56	--	-17.67	--	--	--	--	--	--
Water Table	Montrose	MBFB-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MBFB-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-01	--	-19.27	--	--	-18.76	--	--	--	-18.41	--	--	-18.27	--	-17.87	--	--	--	-17.67	-17.53	-22.51	--	-15.56	--	-15.42	--	--	--	--	-15.10	--
Water Table	Montrose	MW-02	--	--	--	--	--	--	--	--	-17.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.98	--
Water Table	Montrose	MW-03	--	--	--	--	--	--	--	--	-18.41	--	--	-17.74	--	-17.34	--	--	--	-17.01	-17.14	-16.00	--	-15.12	--	-15.41	--	--	--	--	-15.14	--
Water Table	Montrose	MW-04	--	-18.64	--	--	-18.14	--	--	--	-18.22	--	--	-17.47	--	-17.06	--	--	--	-16.78	-16.74	-15.81	--	-14.95	--	-14.91	--	--	--	--	-15.00	--
Water Table	Montrose	MW-05	--	-18.58	--	--	-18.06	--	--	--	-17.99	--	--	-17.57	--	-17.16	--	--	--	-16.88	-16.89	-15.93	--	-14.97	--	-14.87	--	--	--	--	-14.82	--
Water Table	Montrose	MW-06	--	-19.12	--	--	-18.77	--	--	--	-18.64	--	--	-18.03	--	-17.74	--	--	--	-17.46	-17.12	-16.59	--	-15.52	--	--	--	--	--	--	-15.13	--
Water Table	Montrose	MW-07	--	--	--	--	--	--	--	--	-18.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.48	--
Water Table	Montrose	MW-08	--	--	--	--	--	--	--	--	-18.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	MW-09	--	-18.45	--	--	-18.15	--	--	--	-18.01	--	--	-17.56	--	-17.06	--	--	--	-16.77	-16.89	--	--	--	--	-19.73	--	--	--	--	--	--
Water Table	Montrose	MW-10	--	-18.45	--	--	-18.02	--	--	--	-17.73	--	--	-17.48	--	-17.02	--	--	--	-16.85	-16.87	-15.88	--	-14.86	--	-14.81	--	--	--	--	-14.60	--
Water Table	Montrose	MW-11	--	-19.06	--	--	-18.53	--	--	--	-18.19	--	--	-18.05	--	-17.57	--	--	--	-17.42	-17.31	-16.52	--	-15.48	--	-15.35	--	--	--	--	-15.00	--
Water Table	Montrose	MW-12	--	-19.11	--	--	-18.52	--	--	--	-18.21	--	--	-18.18	--	-17.69	--	--	--	-17.64	-17.44	-16.68	--	-15.65	--	-15.65	--	--	--	--	-15.24	--
Water Table	Montrose	MW-13	--	-19.28	--	--	-18.57	--	--	--	-18.47	--	--	-18.17	--	-17.80	--	--	--	-17.77	-17.83	-16.69	--	-15.93	--	-15.85	--	--	--	--	--	-15.56
Water Table	Montrose	MW-14	--	-19.42	--	--	-18.86	--	--	--	-18.55	--	--	-18.36	--	-18.04	--	--	--	-17.92	-17.94	-16.85	--	-15.51	--	-15.79	--	--	--	--	-15.36	--
Water Table	Montrose	MW-16	--	-19.66	--	--	--	--	--	--	-19.03	--	--	-18.71	--	-18.26	--	--	--	-17.91	-17.72	-17.01	--	-16.18	--	--	--	--	--	--	-15.47	--
Water Table	Montrose	MW-17	--	--	--	--	--	--	--	--	-18.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.09	--
Water Table	Montrose	MW-19	--	-17.94	--	--	-17.59	--	--	--	-17.46	--	--	-17.02	--	-16.49	--	--	--	-16.26	-16.42	-15.30	--	-14.24	--	--	--	--	--	--	-14.27	--
Water Table	Montrose	MW-21	--	-18.29	--	--	-18.37	--	--	--	-17.97	--	--	-17.48	--	-17.19	--	--	--	-17.15	-17.14	-16.19	--	-15.36	--	-15.51	--	--	--	--	-15.26	--
Water Table	Montrose	MW-22	--	-19.75	--	--	-19.20	--	--	--	-19.05	--	--	-18.49	--	-18.30	--	--	--	-17.97	-17.99	-17.18	--	-16.21	--	--	--	--	--	--	-15.66	--
Water Table	Montrose	MW-23	--	-19.49	--	--	-18.67	--	--	--	-18.74	--	--	-18.42	--	-18.32	--	--	--	-18.25	-18.37	-17.72	--	--	--	--	--	--	--	--	-16.21	--
Water Table	Montrose	MW-24	--	-19.12	--	--	-18.35	--	--	--	-18.44	--	--	-18.21	--	-18.12	--	--	--	-18.05	-18.22	-17.36	--	-16.07	--	-16.53	--	--	--	--	-15.98	--
Water Table	Montrose	MW-25	--	-20.38	--	--	-19.77	--	--	--	-19.94	--	--	-19.40	--	-19.34	--	--	--	-18.82	-19.04	-18.70	--	-17.87	--	-22.36	--	--	--	-17.53	-17.12	--
Water Table	Montrose	MW-26	--	-19.74	--	--	-19.17	--	--	--	-18.87	--	--	-18.52	--	-18.24	--	--	--	-18.01	-17.97	-17.20	--	-16.01	--	--	-16.06	--	--	--	-15.61	--
Water Table	Montrose	MW-27	--	-18.27	--	--	-17.90	--	--	--	-17.42	--	--	-17.42	--	-16.96	--	--	--	-16.93	-16.56	-15.92	--	-14.98	--	-15.01	--	--	--	--	-14.47	--
Water Table	Montrose	MW-28	--	-18.67	--	--	-18.61	--	--	--	-18.04	--	--	-16.11	-17.98	-17.57	--	--	--	-17.43	-17.52	-16.67	--	--	-15.79	-15.72	--	--	--	--	-15.33	--
Water Table	Montrose	MW-29	--	-19.12	--	--	-18.56	--	--	--	-18.71	--	--	-18.29	--	-17.92	--	--	--	-17.95	-17.75	-16.98	--	-16.03	--	-15.73	--	--	--	--	-14.95	--
Water Table	Montrose	MW-30	--	-19.25	--	--	-18.28	--	--	--	-18.31	--	--	-18.07	--	-18.03	--	--	--	-17.78	-18.01	-17.10	--	-16.00	--	--	-16.26	--	--	--	-15.57	--
Water Table	Montrose	MW-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBA-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-01	--	--	--	--	--	--	--	--	-18.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.26	--
Water Table	Montrose	UBE-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBE-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	2004 Jan	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2005 Feb	2005 Mar	2005 Jul	2005 Dec	2006 Sep	2006 Oct	2006 Dec	2011 Feb	2012 Feb	2012 Mar	2012 Nov	2014 Sep
Water Table	Del Amo	SWL0002	-14.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.03	--	--	-9.06	--	--	--
Water Table	Del Amo	SWL0003	-14.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.79	--	--	-9.04	--	--	--
Water Table	Del Amo	SWL0004	-14.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.06	--	--	-9.14	--	--	--
Water Table	Del Amo	SWL0005	-15.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.34	--	--	-9.16	--	--	-9.59
Water Table	Del Amo	SWL0006	--	-15.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.21	--	--	-9.99	--	--	-10.58
Water Table	Del Amo	SWL0007	-12.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.83	--	--	-8.13	--	--	-8.92
Water Table	Del Amo	SWL0008	-13.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.86	--	--	-8.75	--	--	-9.70
Water Table	Del Amo	SWL0009	-10.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.96	--	--	-6.88	--	--	-7.42
Water Table	Del Amo	SWL0015	-16.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.52	--	--	-10.43	--	--	-10.84
Water Table	Del Amo	SWL0016	-14.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.99	--	--	-8.44	--	--	-9.57
Water Table	Del Amo	SWL0017	-13.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.46	--	--	-8.75	--	--	-9.50
Water Table	Del Amo	SWL0021	-16.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.50	--	--	-10.38	--	--	-10.67
Water Table	Del Amo	SWL0024	-14.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.77	--	--	-9.75	--	--	-10.23
Water Table	Del Amo	SWL0028	-13.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.75	--	--	-10.56	--	--	-9.28
Water Table	Del Amo	SWL0038	-11.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.12	--	--	-7.77	--	--	-8.56
Water Table	Del Amo	SWL0042	-17.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.18	--	--	-10.78	--	--	-11.25
Water Table	Del Amo	SWL0044	-15.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.68	--	--	-8.49	--	--	-9.39
Water Table	Del Amo	SWL0046	-14.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.65	--	--	-7.10	--	--	-7.69
Water Table	Del Amo	SWL0049	-15.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.36	--	--	-9.75	--	-10.45	-10.50
Water Table	Del Amo	SWL0051	-14.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.94	--	--	-8.63	--	--	-9.66
Water Table	Del Amo	SWL0057	-12.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.06	--	--	-7.91	--	--	-9.14
Water Table	Del Amo	SWL0059	--	--	--	--	--	--	--	-13.07	--	--	--	--	--	--	--	--	-10.36	--	--	-8.69	--	--	-9.60
Water Table	Del Amo	SWL0068	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-5.59	--	--	-5.78
Water Table	Del Amo	XP-02	-15.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.80	--	--	-9.63	--	--	-11.26
Water Table	Del Amo	XP-03	-16.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.83	--	--	-10.83	--	--	--
Water Table	Montrose	MBFB-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.59	--	--	-10.41	--	--	-10.45
Water Table	Montrose	MBFB-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.62	--	--	-9.47	--	--	-9.39
Water Table	Montrose	MW-01	-14.81	-14.87	--	--	--	--	--	--	--	--	--	--	-14.20	--	--	--	-11.95	--	--	-9.33	--	--	-10.28
Water Table	Montrose	MW-02	-13.68	-13.76	--	--	--	--	--	--	--	--	--	--	-14.49	--	--	--	-12.19	--	--	-9.52	--	--	-10.29
Water Table	Montrose	MW-03	-14.76	-14.91	--	--	--	--	--	--	--	--	--	--	-14.48	--	--	--	-11.95	--	--	-9.69	--	--	-10.39
Water Table	Montrose	MW-04	-14.59	--	--	-14.61	-14.55	-14.58	--	-14.56	--	--	--	--	-14.17	--	--	--	-11.80	--	--	-9.53	--	--	-10.31
Water Table	Montrose	MW-05	-14.61	-14.59	--	--	--	--	--	--	--	--	--	--	-13.92	--	--	--	-11.63	--	--	-9.35	--	--	-10.29
Water Table	Montrose	MW-06	-14.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.16	--	--	-9.52	--	--	-10.26
Water Table	Montrose	MW-07	-14.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.52	--	--	-9.80	--	--	-10.06
Water Table	Montrose	MW-08	-14.29	--	--	-13.91	-14.05	-14.25	--	-14.21	--	--	--	--	--	--	--	--	-11.81	--	--	-9.31	--	--	-9.82
Water Table	Montrose	MW-09	-14.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.39	--	--	-9.19	--	--	-10.28
Water Table	Montrose	MW-10	-14.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.46	--	--	-9.21	--	--	-10.23
Water Table	Montrose	MW-11	-14.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.77	--	--	-9.38	--	--	-10.29
Water Table	Montrose	MW-12	-14.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.90	--	--	-9.43	--	--	-10.29
Water Table	Montrose	MW-13	-15.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.03	--	--	-9.66	--	--	-10.48
Water Table	Montrose	MW-14	-15.04	--	-14.87	--	-14.93	-15.08	--	-14.95	--	--	--	--	-13.86	--	--	--	-12.18	--	--	-9.69	--	--	-10.29
Water Table	Montrose	MW-16	-15.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.44	--	--	-9.71	--	--	-10.08
Water Table	Montrose	MW-17	-14.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.12	--	--	-9.67	--	--	-9.92
Water Table	Montrose	MW-19	-14.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.07	--	--	-10.11
Water Table	Montrose	MW-21	-15.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.55	--	--	-9.53	--	--	-10.26
Water Table	Montrose	MW-22	-15.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.35	--	--	-9.83	--	--	-10.31
Water Table	Montrose	MW-23	-15.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.77	--	--	-9.67	--	--	-10.46
Water Table	Montrose	MW-24	-15.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.14	--	--	-9.85	--	--	-10.60
Water Table	Montrose	MW-25	-16.68	--	--	--	--	--	--	--	--	--	--	--	-15.41	--	--	--	-12.93	--	--	-10.70	--	--	-11.07
Water Table	Montrose	MW-26	-15.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.18	--	--	-9.64	--	-10.33	-10.21
Water Table	Montrose	MW-27	-14.45	--	--	--	--	--	--	--	--	--	--	--	-13.55	--	--	--	-11.48	--	--	-9.27	--	--	-10.30
Water Table	Montrose	MW-28	-14.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.88	--	--	-10.57
Water Table	Montrose	MW-29	-15.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.85	--	-9.85	-9.80	--	--	-10.44
Water Table	Montrose	MW-30	-15.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.64	--	--	-9.59	--	--	-10.16
Water Table	Montrose	MW-31	--	--	--	--	--	--	--	--	-14.57	--	--	--	--	--	--	--	-12.01	--	--	-9.73	--	--	-9.91
Water Table	Montrose	UBA-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.23
Water Table	Montrose	UBE-01	-14.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.87	--	--	-9.77	--	--	-10.36
Water Table	Montrose	UBE-02	--	--	--	--	--	--	--	--	--	--	--	--	-13.99	--	--	--	-11.74	--	--	-9.24	--	--	-10.21
Water Table	Montrose	UBE-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.98	--	--	-9.85	--	--	-10.48
Water Table	Montrose	UBE-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.70	--	--	-9.35	--	--	-10.27
Water Table	Montrose	UBE-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.54	--	--	-10.47

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1985 Apr	1985 May	1985 Jun	1985 Jul	1985 Aug	1985 Oct	1985 Nov	1986 Jan	1986 Aug	1987 Jan	1987 Feb	1987 Mar	1987 Nov	1988 Jan	1988 Mar	1988 Apr	1988 Jul	1988 Oct	1989 Jan	1989 Feb	1989 May	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Apr	1990 Aug	1990 Nov	1990 Dec	1991 Apr
Water Table	Montrose	UBI-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBI-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	G-01WC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	G-02WC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	GW-07C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0032	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0037	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0041	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0047	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0048	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0050	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0052	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0056	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table/MBFC	Montrose	BF-32A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table/MBFC	Montrose	BF-33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0033	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0035	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0040	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0053	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0054	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0055	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0058	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0060	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1991 Oct	1991 Nov	1992 Jul	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Nov	1993 Dec	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan
Water Table	Montrose	UBI-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBI-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-01	-20.91	-21.06	-21.26	--	--	--	--	-21.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-02	-20.90	-21.04	-21.33	--	--	--	--	-21.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-03	-20.90	-21.05	-21.24	--	--	--	--	-21.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	G-01WC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	G-02WC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	GW-07C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.52	--	-19.69	--	--	-20.93	--	--	--
MBFB	Del Amo	SWL0011	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.30	--	--	--	--	-20.77	--	--	--	-20.06	--	-20.19	--	--	-20.44	--	--	--
MBFB	Del Amo	SWL0019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.69	--	--	--	-22.30	--	--	-21.55	--	-21.77	--	--	-22.07	--	--	--
MBFB	Del Amo	SWL0023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.11	--	--	-21.64	--	--	--	-20.95	--	-21.08	--	--	-21.36	--	--	--
MBFB	Del Amo	SWL0032	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.25	-13.20	-12.94	-12.82	-13.33	-18.59	-18.51	-18.45	-12.52	-12.73	-18.63	-18.19	-12.90	-18.32
MBFB	Del Amo	SWL0037	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.23	--	-19.01	--	-19.13	--	--	-19.33	--	--	--
MBFB	Del Amo	SWL0041	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.04	--	-21.13	--	-21.25	--	--	-21.68	--	--	--
MBFB	Del Amo	SWL0047	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0048	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0050	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0052	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0056	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table/MBFC	Montrose	BF-32A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table/MBFC	Montrose	BF-33	-21.71	-22.04	-22.62	--	--	--	--	-22.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0010	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.28	--	--	--	--	-20.66	--	--	--	-19.88	--	-20.10	--	--	-20.38	--	--	--
MBFC	Del Amo	SWL0013	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.28	--	--	--	-21.79	-20.77	--	--	--	-20.09	--	-20.19	--	--	-20.48	--	--	--
MBFC	Del Amo	SWL0018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.71	--	-20.37	--	-20.54	--	--	-19.84	--	-19.89	--	--	-20.12	--	--	--
MBFC	Del Amo	SWL0027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.74	-22.70	-22.55	--	--	--	-21.80	--	-21.95	--	--	-22.19	--	--	--
MBFC	Del Amo	SWL0033	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.61	--	--	-20.14	--	-20.18	--	--	-20.34	--	--	--
MBFC	Del Amo	SWL0035	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.36	--	-19.12	--	-19.19	--	--	-19.41	--	--	--
MBFC	Del Amo	SWL0040	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.59	--	-20.40	--	-20.49	--	--	-20.25	--	--	--
MBFC	Del Amo	SWL0053	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0054	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0055	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0058	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0060	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec	1996 Jan	1996 Feb	1996 May	1996 Jun	1996 Aug	1996 Sep	1996 Oct	1997 Jan	1998 Feb	1998 Mar	1999 Jan	1999 Feb	2000 Jun	2000 Jul	2000 Aug	2001 Jan	2002 Jan	2002 Sep	2002 Oct
Water Table	Montrose	UBI-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBI-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water Table	Montrose	UBT-01	--	--	--	--	--	--	--	--	-18.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.37	--
Water Table	Montrose	UBT-02	--	--	--	--	--	--	--	--	-18.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.34	--
Water Table	Montrose	UBT-03	--	--	--	--	--	--	--	--	-18.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.35	--
MBFB	Del Amo	G-01WC	--	-22.36	--	--	-18.21	--	--	--	-19.23	--	--	-18.63	--	-18.96	--	--	--	-28.79	-18.86	-18.33	--	-17.52	--	-17.67	--	--	--	--	--	--
MBFB	Del Amo	G-02WC	--	-19.59	--	--	-19.38	--	--	--	-19.97	--	--	-18.95	--	-18.82	--	--	--	-19.03	-19.07	-19.29	--	-17.50	--	-17.63	--	--	--	--	--	--
MBFB	Del Amo	GW-07C	--	-19.62	--	--	-20.26	--	--	--	-20.52	--	--	-15.80	-19.55	-20.39	--	--	--	-19.53	-19.79	-19.12	--	-18.28	--	-19.36	--	--	--	--	--	--
MBFB	Del Amo	SWL0011	--	-19.25	--	--	-18.86	--	--	--	-19.05	--	--	-18.33	--	-18.71	--	--	--	-18.83	-18.60	-18.13	--	-17.46	--	--	--	--	--	--	--	--
MBFB	Del Amo	SWL0019	--	-20.99	--	--	-20.55	--	--	--	-20.67	--	--	-19.49	--	-20.86	--	--	--	-20.78	-20.72	-19.97	--	-19.41	--	-19.39	--	--	--	--	--	--
MBFB	Del Amo	SWL0023	--	-20.08	--	--	-19.88	--	--	--	-19.99	--	--	-19.05	--	-19.74	--	--	--	-19.94	-19.91	-19.18	--	-18.66	--	--	-18.74	--	--	--	--	--
MBFB	Del Amo	SWL0032	-12.97	-13.10	-12.91	-12.94	-12.96	-13.12	-13.19	-13.33	-13.40	-13.47	-13.41	-13.60	-13.61	--	--	--	--	-14.12	-14.52	-13.37	--	-12.67	--	-16.81	--	--	--	--	--	--
MBFB	Del Amo	SWL0037	--	-18.28	--	--	-17.94	--	--	--	-17.98	--	--	-17.58	--	-17.53	--	--	--	-17.55	-17.58	-16.79	--	-15.79	--	-16.04	--	--	--	--	--	--
MBFB	Del Amo	SWL0041	--	-20.10	--	--	-19.10	--	--	--	-19.21	--	--	-18.64	--	-18.81	--	--	--	-18.89	-18.70	-18.16	--	-17.40	--	-17.52	--	--	--	--	--	--
MBFB	Del Amo	SWL0047	--	--	--	--	--	--	-5.92	--	-17.77	--	--	-17.43	--	-17.27	--	--	--	-17.16	-17.06	-21.34	-16.09	-15.39	--	-15.60	--	--	--	--	--	--
MBFB	Del Amo	SWL0048	--	--	--	--	--	--	--	--	-18.43	--	--	-18.01	--	-17.90	--	--	--	-17.94	-17.93	-17.11	--	-16.00	--	-16.42	--	--	--	--	--	--
MBFB	Del Amo	SWL0050	--	--	--	--	--	--	--	--	-18.85	--	--	-18.35	--	-18.32	--	--	--	-18.30	-18.00	-17.42	--	-16.73	--	-16.85	--	--	--	--	--	--
MBFB	Del Amo	SWL0052	--	--	--	--	--	--	--	--	-19.15	--	--	-18.33	--	-18.86	--	--	--	-18.95	-18.74	--	--	-17.58	--	--	-17.69	--	--	--	--	--
MBFB	Del Amo	SWL0056	--	--	--	--	--	--	--	--	--	-19.77	--	-19.09	--	-19.63	--	--	--	-19.76	-19.54	-19.08	--	-18.15	--	-18.42	--	--	--	--	--	--
Water Table/MBFC	Montrose	BF-32A	--	--	--	--	--	--	--	--	-18.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.74	--
Water Table/MBFC	Montrose	BF-33	--	--	--	--	--	--	--	--	-19.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.07	--
MBFC	Boeing	CMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	CMW026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	EWC005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IRZCMW003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	IWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Boeing	MWC027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0010	--	-19.07	--	--	-18.78	--	--	--	-18.94	--	--	-18.10	--	-18.79	--	--	--	-19.00	-18.92	-18.63	--	-17.66	--	-17.62	--	--	--	--	--	--
MBFC	Del Amo	SWL0013	--	-19.28	--	--	-18.88	--	--	--	-19.03	--	--	-18.37	--	-18.74	--	--	--	-18.87	-18.83	-18.22	--	-17.54	--	--	--	--	--	--	-15.44	--
MBFC	Del Amo	SWL0018	--	-19.23	--	--	-19.03	--	--	--	-18.74	--	--	-18.25	--	-18.27	--	--	--	-18.37	-18.38	-17.41	--	--	-16.73	-16.85	--	--	--	--	--	--
MBFC	Del Amo	SWL0027	--	-20.97	--	--	-20.67	--	--	--	-20.77	--	--	-19.67	--	-20.46	--	--	--	-20.66	-20.40	-19.87	--	-19.07	--	-19.24	--	--	--	--	-18.27	--
MBFC	Del Amo	SWL0033	--	-19.48	--	--	-18.95	--	--	--	-19.00	--	--	-18.52	--	-18.48	--	--	--	-18.45	-18.55	-17.58	--	-16.86	--	-16.97	--	--	--	--	--	--
MBFC	Del Amo	SWL0035	--	-18.38	--	--	-18.02	--	--	--	-18.08	--	--	-17.64	--	-17.63	--	--	--	-17.61	-17.63	-16.89	--	-15.91	--	-16.14	--	--	--	--	-15.59	--
MBFC	Del Amo	SWL0040	--	-19.31	--	--	-19.22	--	--	--	-19.35	--	--	-18.75	--	-19.03	--	--	--	-19.05	-18.79	-18.21	--	-17.54	--	-17.50	--	--	--	--	--	--
MBFC	Del Amo	SWL0053	--	--	--	--	--	--	--	--	-19.09	--	--	-18.24	--	-18.79	--	--	--	-18.88	-19.72	-18.21	--	-17.50	--	-17.57	--	--	--	--	--	--
MBFC	Del Amo	SWL0054	--	--	--	--	--	--	--	--	-17.87	--	--	-17.67	--	-17.47	--	--	--	-17.39	-17.48	-16.45	--	-15.60	--	-15.80	--	--	-14.99	--	-15.27	--
MBFC	Del Amo	SWL0055	--	--	--	--	--	--	--	--	--	-18.63	--	-18.23	--	-18.22	--	--	--	-18.22	-17.99	-17.46	--	-16.69	--	-16.81	--	--	--	--	--	--
MBFC	Del Amo	SWL0058	--	--	--	--	--	--	--	--	--	--	--	-18.17	--	-17.97	--	--	--	-17.95	-18.06	-17.18	--	-16.29	--	-16.39	--	--	--	--	--	--
MBFC	Del Amo	SWL0060	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	2004 Jan	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2005 Feb	2005 Mar	2005 Jul	2005 Dec	2006 Sep	2006 Oct	2006 Dec	2011 Feb	2012 Feb	2012 Mar	2012 Nov	2014 Sep
Water Table	Montrose	UBI-01	--	--	--	--	--	--	--	--	--	--	--	--	-14.08	--	--	--	-11.86	--	--	-9.40	--	--	-10.16
Water Table	Montrose	UBI-02	--	--	--	--	--	--	--	--	--	--	--	--	-14.00	--	--	--	-11.85	--	--	-9.42	--	--	-10.16
Water Table	Montrose	UBT-01	-14.88	--	--	--	--	--	--	--	--	--	--	--	-14.70	--	--	--	-12.38	--	--	-9.83	--	--	-10.40
Water Table	Montrose	UBT-02	-14.91	--	--	--	--	--	--	--	--	--	--	--	-14.31	--	--	--	-11.99	--	--	-9.85	--	--	-10.42
Water Table	Montrose	UBT-03	-14.88	--	--	--	--	--	--	--	--	--	--	--	-14.26	--	--	--	-11.90	--	--	-9.86	--	--	-10.40
MBFB	Del Amo	G-01WC	-16.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.62	--	--	-10.56	--	--	-11.01
MBFB	Del Amo	G-02WC	-16.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.67	--	--	-10.57	--	--	-11.06
MBFB	Del Amo	GW-07C	-16.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.54	--	--	-10.84	--	--	-11.21
MBFB	Del Amo	SWL0011	-12.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.73	--	--	-8.84	--	--	--
MBFB	Del Amo	SWL0019	-17.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.60	--	--	-11.85	--	--	-11.91
MBFB	Del Amo	SWL0023	-18.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.05	--	--	-11.26	--	--	-11.59
MBFB	Del Amo	SWL0032	41.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.18	--	--	-7.19	--	--	-10.21
MBFB	Del Amo	SWL0037	-15.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.53	--	--	-9.47	--	--	-10.31
MBFB	Del Amo	SWL0041	-16.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.39	--	--	-10.50	--	--	-10.82
MBFB	Del Amo	SWL0047	-14.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.52	--	--	-9.53	--	--	-10.36
MBFB	Del Amo	SWL0048	-15.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.11	--	--	-9.80	--	--	-10.90
MBFB	Del Amo	SWL0050	-15.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.37	--	--	-10.26	--	--	-10.80
MBFB	Del Amo	SWL0052	-16.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.40	--	--	-10.58	--	--	-10.85
MBFB	Del Amo	SWL0056	-17.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.20	--	--	--	-11.03	--	-11.43
Water Table/MBFC	Montrose	BF-32A	-14.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.15	--	--	-9.52	--	--	-9.76
Water Table/MBFC	Montrose	BF-33	-15.87	--	--	--	--	--	--	--	--	--	--	--	-15.50	--	--	--	-12.56	--	--	-10.68	--	--	-10.52
MBFC	Boeing	CMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.67	--	-8.47
MBFC	Boeing	CMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.67	-8.05	-8.04
MBFC	Boeing	CMW026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.40
MBFC	Boeing	EWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.88
MBFC	Boeing	EWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.72
MBFC	Boeing	EWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.47
MBFC	Boeing	EWC005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-32.26
MBFC	Boeing	IRZCMW001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.39
MBFC	Boeing	IRZCMW002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.36
MBFC	Boeing	IRZCMW003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.40
MBFC	Boeing	IWC001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.34
MBFC	Boeing	IWC003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.70
MBFC	Boeing	IWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.29
MBFC	Boeing	MWC004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.64
MBFC	Boeing	MWC006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.26
MBFC	Boeing	MWC007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.23
MBFC	Boeing	MWC009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.21
MBFC	Boeing	MWC011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.71
MBFC	Boeing	MWC015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.34
MBFC	Boeing	MWC016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.50
MBFC	Boeing	MWC017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.24
MBFC	Boeing	MWC021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.53
MBFC	Boeing	MWC022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.47
MBFC	Boeing	MWC023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-7.72
MBFC	Boeing	MWC024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.32
MBFC	Boeing	MWC025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.13
MBFC	Boeing	MWC026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.69
MBFC	Boeing	MWC027	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.28
MBFC	Del Amo	SWL0010	-16.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.14	--	--	-10.69	--	--	-11.12
MBFC	Del Amo	SWL0013	-15.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.09	--	--	-9.06	--	--	-9.65
MBFC	Del Amo	SWL0018	-15.88	--	--	--	--	--	--	-15.47	--	--	--	--	--	--	--	--	-12.30	--	--	-10.13	--	--	-10.94
MBFC	Del Amo	SWL0027	-17.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.67	--	--	-11.70	--	--	-11.91
MBFC	Del Amo	SWL0033	-16.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.40	--	--	-10.35	--	--	-14.00
MBFC	Del Amo	SWL0035	-15.24	--	--	--	--	--	--	-14.64	--	--	--	--	--	--	--	--	-11.30	--	--	-9.50	--	--	-10.08
MBFC	Del Amo	SWL0040	-16.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.64	--	--	-10.51	--	--	-10.98
MBFC	Del Amo	SWL0053	-16.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.31	--	--	-10.78	--	--	-10.66
MBFC	Del Amo	SWL0054	--	--	--	--	--	--	--	-14.66	--	--	--	--	--	--	--	--	-11.60	--	--	-9.68	--	--	-10.39
MBFC	Del Amo	SWL0055	-15.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.32	--	--	-10.40	--	--	-10.84
MBFC	Del Amo	SWL0058	-15.56	--	--	--	--	--	--	-15.16	--	--	--	--	--	--	--	--	-12.26	--	--	-7.94	--	--	-10.55
MBFC	Del Amo	SWL0060	--	--	--	--	--	--	--	-15.91	--	--	--	--	--	--	--	--	-12.29	--	--	-10.63	--	--	-10.93

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1985 Apr	1985 May	1985 Jun	1985 Jul	1985 Aug	1985 Oct	1985 Nov	1986 Jan	1986 Aug	1987 Jan	1987 Feb	1987 Mar	1987 Nov	1988 Jan	1988 Mar	1988 Apr	1988 Jul	1988 Oct	1989 Jan	1989 Feb	1989 May	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Apr	1990 Aug	1990 Nov	1990 Dec	1991 Apr
MBFC	Del Amo	SWL0061	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0064	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0065	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-01	--	--	--	--	--	--	--	--	--	-24.52	-23.95	-23.93	-23.56	-23.23	--	-22.72	-22.51	-22.45	-21.74	-21.85	-21.31	-20.94	-20.83	--	--	-20.58	-20.30	-20.28	-20.19	--	-20.12
MBFC	Montrose	BF-02	--	--	--	--	--	--	--	--	--	-24.78	-24.44	-24.23	-23.82	-23.48	--	-22.99	-22.75	-22.56	-22.01	-22.13	-21.56	-21.21	-21.08	--	--	-20.86	-20.52	-20.49	-20.38	--	-20.23
MBFC	Montrose	BF-03	--	--	--	--	--	--	--	--	--	-24.81	-24.46	-24.26	-23.90	-23.54	--	-23.03	-22.81	-22.73	-22.05	-22.17	-21.62	-21.27	-21.16	--	--	-20.93	-20.56	-20.52	-20.41	--	-20.31
MBFC	Montrose	BF-04	--	--	--	--	--	--	--	--	--	-24.92	-24.59	-24.37	-24.00	-23.67	--	-23.20	-22.94	-22.86	-22.20	-22.31	-21.77	-21.40	-21.29	--	--	-21.06	-20.72	-20.67	-20.56	--	-20.45
MBFC	Montrose	BF-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.97	-23.07	-22.59	-22.26	-22.11	--	--	-21.84	-21.49	-21.47	-21.23	--	-21.15
MBFC	Montrose	BF-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.16	-23.34	-22.77	-22.45	-22.28	--	--	-22.00	-21.78	-21.62	-21.44	--	-21.32
MBFC	Montrose	BF-07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.03	-23.21	-22.61	-22.25	-22.08	--	--	-21.80	-21.49	-21.47	-21.47	--	-21.19
MBFC	Montrose	BF-09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.21	-22.03	-21.43	-21.11	-21.01	--	--	-20.68	-20.41	-20.43	-20.54	--	-20.22
MBFC	Montrose	BF-10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-24.60	--	-24.39	-23.97	-23.98	-23.68	--	-23.61
MBFC	Montrose	BF-11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.54	--	-25.31	-24.98	-24.79	-24.74	--	-24.27
MBFC	Montrose	BF-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.95	--	-25.72	-25.30	-25.26	-25.19	--	-24.79
MBFC	Montrose	BF-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.83	--	--	-23.52	-23.14	-23.14	-22.84	--	-22.70
MBFC	Montrose	BF-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.55	-23.37	--	--	-23.13	-22.73	-22.75	-22.46	--	-22.35
MBFC	Montrose	BF-15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.26	-23.13	--	--	-22.83	-22.47	-22.49	--	-22.38	-21.79
MBFC	Montrose	BF-16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.26	-25.05	-24.87	-24.52	-24.42	-24.41	--	-23.92
MBFC	Montrose	BF-17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.89	-25.68	-25.54	-25.15	-25.09	-25.04	--	-24.58
MBFC	Montrose	BF-19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	LBF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0034	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0036	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0063	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0066	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-01	--	--	--	--	--	--	--	--	--	-24.87	-24.47	-24.27	-24.03	-23.43	--	-23.01	-22.86	-22.74	-22.03	-22.12	-21.61	-21.34	-21.17	--	--	-21.24	-20.82	-20.68	-20.70	--	-20.73
Gage	Montrose	G-02	--	--	--	--	--	--	--	--	--	-25.64	-25.25	-25.12	-24.81	-24.18	--	-23.78	-23.58	-23.50	-22.79	-22.87	-22.40	-22.11	-21.94	--	--	-21.75	-21.62	-21.42	-21.40	--	-21.43

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1991 Oct	1991 Nov	1992 Jul	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Nov	1993 Dec	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan
MBFC	Del Amo	SWL0061	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0064	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0065	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-01	-20.85	-21.01	-21.36	--	--	--	--	-19.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.26	--	-19.37	--	--	-19.45	--	--	--
MBFC	Montrose	BF-02	-20.99	-21.18	-21.46	--	--	--	--	-21.42	--	--	--	--	--	--	--	--	--	--	--	-19.67	--	--	-19.39	--	-19.39	--	--	-19.43	--	--	--
MBFC	Montrose	BF-03	-20.96	-21.14	-21.38	--	--	--	--	-21.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.30	--	-19.42	--	--	-19.36	--	--	--
MBFC	Montrose	BF-04	-21.06	-21.28	-21.52	--	--	--	--	-21.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.41	--	-19.37	--	--	-19.52	--	--	--
MBFC	Montrose	BF-05	-21.53	-21.69	-21.64	--	--	--	--	-21.59	--	-21.37	--	-20.67	--	--	--	--	--	-19.89	-19.87	--	--	--	-19.21	--	-19.30	--	--	-19.78	--	--	--
MBFC	Montrose	BF-06	-21.66	-21.85	-21.87	--	--	--	--	-21.86	--	-21.62	--	--	--	-20.64	--	--	--	-19.88	-19.88	--	--	--	-19.24	--	-19.29	--	--	-19.98	--	--	--
MBFC	Montrose	BF-07	-21.80	-21.82	-21.90	--	--	--	--	-21.90	--	--	--	-21.41	--	--	--	--	--	-20.54	-20.50	--	--	--	-19.86	--	-19.91	--	--	-20.16	--	--	--
MBFC	Montrose	BF-09	-20.88	-21.09	-21.37	--	--	--	--	-21.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.28	--	-19.41	--	--	-19.46	--	--	--
MBFC	Montrose	BF-10	-23.96	-24.03	-23.81	--	--	--	--	-23.41	--	--	--	-22.92	--	-22.79	--	--	--	--	--	-21.96	--	--	-21.19	--	-21.32	--	--	-21.48	--	--	--
MBFC	Montrose	BF-11	-24.58	-24.68	-24.75	--	--	--	--	-24.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-12	-25.20	-25.23	-25.14	--	--	--	--	-24.59	--	--	--	--	--	--	--	--	--	--	--	-23.07	--	--	-22.36	--	-22.50	--	--	-22.62	--	--	--
MBFC	Montrose	BF-13	-23.14	-23.20	-22.94	--	--	--	--	-22.50	-22.59	-22.24	--	--	--	-21.88	--	--	--	-21.00	--	-21.04	--	--	-20.44	--	-20.53	--	--	-20.67	--	--	--
MBFC	Montrose	BF-14	-22.67	-22.81	-22.75	--	--	--	--	-22.55	--	--	--	-22.13	--	-21.94	--	--	--	-20.99	--	-21.20	--	--	-20.45	--	-20.59	--	--	-20.64	--	--	--
MBFC	Montrose	BF-15	-22.48	-22.65	-22.65	--	--	--	--	-22.52	--	-22.51	--	-22.50	--	-22.37	--	--	--	--	-21.52	--	--	--	-20.82	--	-20.93	--	--	-21.01	--	--	--
MBFC	Montrose	BF-16	-24.21	-24.34	-24.45	--	--	--	--	-24.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-17	-24.97	-25.03	-25.01	--	--	--	--	-24.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.33	--	-21.40	--	--	-21.58	--	--	--
MBFC	Montrose	BF-19	-21.21	-21.37	-21.29	--	--	--	--	-21.16	--	--	--	-20.64	--	-20.58	--	--	--	-19.87	-19.84	--	--	--	-19.18	--	-19.29	--	--	-19.33	--	--	--
MBFC	Montrose	BF-20	-21.11	-21.32	-21.73	--	--	--	--	-22.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-21	-22.28	-22.50	-22.77	--	--	--	--	-22.79	--	--	--	-22.30	--	--	--	--	--	--	--	--	--	--	-20.45	--	-20.54	--	--	-20.69	--	--	--
MBFC	Montrose	BF-22	-24.04	-24.19	-24.32	--	--	--	--	-24.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-23	-22.61	-22.73	-22.62	--	--	--	--	-22.42	--	--	--	--	--	--	--	--	--	--	--	-21.05	--	--	-20.34	--	-20.40	--	--	-20.52	--	--	--
MBFC	Montrose	BF-24	-23.87	-23.99	-23.95	--	--	--	--	-23.68	--	--	--	--	--	--	--	--	--	--	--	-21.84	--	--	-21.14	--	-21.19	--	--	-21.31	--	--	--
MBFC	Montrose	BF-25	-25.71	-25.76	-25.77	--	--	--	--	-25.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-26	-26.38	-26.43	-26.36	--	--	--	--	-26.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-27	-25.56	-25.63	-25.70	--	--	--	--	-25.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-28	-26.23	-26.24	-26.14	--	--	--	--	-25.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-29	-22.32	-22.54	-22.94	--	--	--	--	-22.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.54	--	-20.58	--	--	-20.77	--	--	--
MBFC	Montrose	BF-30	-23.83	-24.00	-24.25	--	--	--	--	-24.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-31	-22.14	-22.40	-22.86	--	--	--	--	-22.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	LBF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-24.53	--	-23.96	--	-23.86	--	--	-23.05	--	-23.62	--	--	-24.21	--	--	--
Gage	Del Amo	SWL0022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.55	--	-22.87	-22.70	--	--	--	-21.95	--	-22.48	--	--	-23.04	--	--	--
Gage	Del Amo	SWL0025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.94	-23.85	--	--	--	-23.02	--	-23.63	--	--	-24.30	--	--	--
Gage	Del Amo	SWL0026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.89	-23.64	-23.53	--	--	--	-22.74	--	-23.17	--	--	-23.61	--	--	--
Gage	Del Amo	SWL0034	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.98	--	--	-21.27	--	-21.62	--	--	-22.03	--	--	--
Gage	Del Amo	SWL0036	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-21.36	--	-21.97	--	--	-13.07	--	--	--
Gage	Del Amo	SWL0063	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0066	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-01	-21.92	-21.92	-22.74	--	--	--	--	-21.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.72	--	-19.01	--	--	-19.37	--	--	--
Gage	Montrose	G-02	-22.56	-22.56	-22.96	--	--	--	--	-22.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.10	--	-20.41	--	--	-20.75	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec	1996 Jan	1996 Feb	1996 May	1996 Jun	1996 Aug	1996 Sep	1996 Oct	1997 Jan	1998 Feb	1998 Mar	1999 Jan	1999 Feb	2000 Jun	2000 Jul	2000 Aug	2001 Jan	2002 Jan	2002 Sep	2002 Oct
MBFC	Del Amo	SWL0061	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0064	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Del Amo	SWL0065	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-01	--	-18.90	--	--	-18.48	--	--	--	-18.39	--	--	-17.71	--	-17.48	--	--	--	-17.30	-17.28	-16.10	--	-15.28	--	-15.78	--	--	--	--	-15.36	--
MBFC	Montrose	BF-02	--	-19.03	--	--	-18.66	--	--	--	-18.57	--	--	-18.00	--	-17.63	--	--	--	-17.46	-17.45	-16.33	--	-15.61	--	-16.05	--	--	--	--	-15.39	--
MBFC	Montrose	BF-03	--	-18.93	--	--	-18.57	--	--	--	-18.37	--	--	-17.92	--	-17.55	--	--	--	-17.41	-17.40	-16.29	--	-15.56	--	-15.97	--	--	--	--	-15.44	--
MBFC	Montrose	BF-04	--	-19.01	--	--	-18.63	--	--	--	-18.50	--	--	-16.62	--	-17.27	--	--	--	-17.36	-17.50	-16.35	--	-15.64	--	-16.05	--	--	--	--	-15.54	--
MBFC	Montrose	BF-05	--	-19.02	--	--	-18.57	--	--	--	-18.47	--	--	-25.83	-24.96	-17.89	--	--	--	-17.89	-17.52	-16.95	--	-16.01	--	-16.21	--	--	--	--	-15.70	--
MBFC	Montrose	BF-06	--	-19.32	--	--	-18.82	--	--	--	-18.66	--	--	-18.36	--	-18.15	--	--	--	-18.10	-18.16	-17.16	--	-16.46	--	-16.47	--	--	--	--	--	-16.03
MBFC	Montrose	BF-07	--	-19.55	--	--	-19.02	--	--	--	-18.80	--	--	-18.55	--	-18.29	--	--	--	-18.21	-18.20	-17.31	--	-16.60	--	-16.68	--	--	--	--	-15.81	--
MBFC	Montrose	BF-09	--	-18.93	--	--	-18.55	--	--	--	-18.18	--	--	-17.87	--	-17.53	--	--	--	-18.55	-13.04	-16.02	--	-15.22	--	-15.76	--	--	--	--	-15.23	--
MBFC	Montrose	BF-10	--	-20.44	--	--	-19.99	--	--	--	-20.11	--	--	-19.12	--	--	-19.65	--	--	-19.85	-19.90	-19.06	--	-18.41	--	--	-18.55	--	--	--	-17.74	--
MBFC	Montrose	BF-11	--	--	--	--	--	--	--	--	-21.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.56	--
MBFC	Montrose	BF-12	--	-21.63	--	--	-21.20	--	--	--	-21.41	--	--	-20.28	--	-20.84	--	--	--	-21.09	-20.94	-20.47	--	-19.65	--	--	--	--	--	--	-18.88	--
MBFC	Montrose	BF-13	--	-19.57	--	--	-19.18	--	--	--	-19.27	--	--	-18.66	--	-18.96	--	--	--	-19.14	-19.16	-18.18	--	-17.57	--	--	-17.69	--	--	--	-16.94	--
MBFC	Montrose	BF-14	--	-19.83	--	--	-19.34	--	--	--	-19.35	--	--	-18.84	--	-18.84	--	--	--	-18.81	-18.90	-18.11	--	-17.03	--	-17.38	--	--	--	--	-16.70	--
MBFC	Montrose	BF-15	--	-20.27	--	--	-19.76	--	--	--	-19.35	--	--	-19.25	--	-19.16	--	--	--	-20.55	-19.18	-18.40	--	-17.41	--	-17.64	--	--	--	--	-16.56	--
MBFC	Montrose	BF-16	--	--	--	--	--	--	--	--	-20.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.25	--
MBFC	Montrose	BF-17	--	-20.69	--	--	-20.21	--	--	--	-20.29	--	--	-19.55	--	-19.85	--	--	--	-19.96	-19.76	-19.38	--	-18.73	--	--	-18.68	--	--	--	-18.80	--
MBFC	Montrose	BF-19	--	-18.59	--	--	-18.28	--	--	--	-18.14	--	--	-17.82	--	-17.52	--	--	--	-17.52	-17.26	-16.51	--	-15.66	--	-15.80	--	--	--	--	-15.33	--
MBFC	Montrose	BF-20	--	--	--	--	--	--	--	--	-18.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.54	--
MBFC	Montrose	BF-21	--	-19.94	--	--	-19.56	--	--	--	-19.54	--	--	-19.09	--	-18.81	--	--	--	-18.69	-18.72	-18.03	--	-17.45	--	-17.50	--	--	--	--	-16.67	--
MBFC	Montrose	BF-22	--	--	--	--	--	--	--	--	-20.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.15	--
MBFC	Montrose	BF-23	--	-19.66	--	--	-19.16	--	--	--	-19.18	--	--	-18.77	--	-18.69	--	--	--	-18.73	-18.81	-18.03	--	--	-17.32	-17.26	--	--	--	--	-16.58	--
MBFC	Montrose	BF-24	--	--	--	--	-19.95	--	--	--	-20.47	--	--	-19.90	--	-19.52	--	--	--	-19.48	-19.25	-18.95	--	-18.11	--	--	-18.24	--	--	--	-17.76	--
MBFC	Montrose	BF-25	--	--	--	--	--	--	--	--	-22.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.55	--
MBFC	Montrose	BF-26	--	--	--	--	--	--	--	--	-22.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.23	--
MBFC	Montrose	BF-27	--	--	--	--	--	--	--	--	-22.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.66	--
MBFC	Montrose	BF-28	--	--	--	--	--	--	--	--	-22.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.85	--
MBFC	Montrose	BF-29	--	-20.06	--	--	-19.76	--	--	--	-19.62	--	--	-19.22	--	-18.88	--	--	--	-18.76	-18.67	-18.15	--	--	--	--	--	--	--	--	-16.66	--
MBFC	Montrose	BF-30	--	--	--	--	--	--	--	--	-20.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.09	--
MBFC	Montrose	BF-31	--	--	--	--	--	--	--	--	-19.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.49	--
MBFC	Montrose	BF-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-EW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	BF-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MBFC	Montrose	LBF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	EWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Boeing	MWG004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0020	--	-22.40	--	--	-22.52	--	--	--	-22.76	--	--	-21.93	--	-23.37	--	--	--	-23.22	-23.07	-22.46	--	-22.07	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0022	--	-21.33	--	--	-21.42	--	--	--	-21.41	--	--	-20.98	--	-21.65	--	--	--	-21.80	-21.62	-21.16	--	-20.55	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0025	--	-22.42	--	--	-22.50	--	--	--	-22.77	--	--	-21.96	--	-23.06	--	--	--	-23.56	-23.39	-22.77	--	-22.36	--	-21.78	--	--	--	--	-20.51	--
Gage	Del Amo	SWL0026	--	-21.98	--	--	-22.10	--	--	--	-22.18	--	--	-21.37	--	-22.12	--	--	--	-22.42	-22.20	-21.70	--	-21.12	--	-21.14	--	--	--	--	-20.03	--
Gage	Del Amo	SWL0034	--	-20.67	--	--	-20.66	--	--	--	-20.64	--	--	-20.10	--	-20.34	--	--	--	-20.40	-20.28	-19.54	--	-19.13	--	-19.21	--	--	--	--	--	--
Gage	Del Amo	SWL0036	--	-20.77	--	--	-20.98	--	--	--	-20.91	--	--	-20.34	--	-20.78	--	--	--	-21.07	-20.89	-20.16	--	-19.67	--	-19.90	--	--	--	--	-19.38	--
Gage	Del Amo	SWL0063	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Del Amo	SWL0066	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-01	--	-19.25	--	--	-19.10	--	--	--	-18.93	--	--	-18.32	--	-18.11	--	--	--	-15.40	-17.88	-16.91	--	-16.44	--	-17.03	--	--	--	--	-16.32	--
Gage	Montrose	G-02	--	-19.65	--	--	-19.57	--	--	--	-19.44	--	--	-18.86	--	-18.76	--	--	--	-18.77	-18.67	-17.67	--	-17.15	--	-17.67	--	--	--	--	-16.85	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	2004 Jan	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2005 Feb	2005 Mar	2005 Jul	2005 Dec	2006 Sep	2006 Oct	2006 Dec	2011 Feb	2012 Feb	2012 Mar	2012 Nov	2014 Sep
MBFC	Del Amo	SWL0061	--	--	--	--	--	--	--	-14.57	--	--	--	--	--	--	--	--	-11.51	--	--	-9.74	--	--	-10.50
MBFC	Del Amo	SWL0064	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.95	--	--	-9.86	--	--	-10.50
MBFC	Del Amo	SWL0065	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.71	--	--	-9.36	--	--	-9.95
MBFC	Montrose	BF-01	-15.02	-15.19	--	-14.76	-14.85	-14.68	--	-14.90	--	--	--	--	--	--	--	--	-11.80	--	--	-10.05	--	--	-10.52
MBFC	Montrose	BF-02	-15.05	--	--	-14.98	-15.01	-15.11	--	-15.09	--	--	--	--	--	--	--	--	-11.92	--	--	-9.80	--	--	-10.17
MBFC	Montrose	BF-03	-14.99	-15.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.85	--	--	-9.99	--	--	-10.57
MBFC	Montrose	BF-04	-15.12	--	--	-15.04	-14.88	-15.37	--	-15.32	--	--	--	--	-14.68	--	--	--	-12.11	--	--	-9.84	--	--	-10.31
MBFC	Montrose	BF-05	-15.44	--	--	--	--	--	--	-15.05	--	--	--	--	--	--	--	--	-11.95	--	--	-9.93	--	--	-10.63
MBFC	Montrose	BF-06	-15.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.08	--	--	-10.00	--	--	-10.53
MBFC	Montrose	BF-07	-15.32	--	--	--	--	--	--	--	--	--	--	--	-14.44	--	--	--	-12.22	--	--	-10.20	--	--	-10.61
MBFC	Montrose	BF-09	-14.79	-15.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.76	--	--	-11.01	--	--	-10.41
MBFC	Montrose	BF-10	-17.99	-17.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.21	--	--	-11.11	--	--	-11.50
MBFC	Montrose	BF-11	-18.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.13	--	--	-11.56	--	--	-11.98
MBFC	Montrose	BF-12	-18.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.32	--	--	-12.00	--	--	-12.29
MBFC	Montrose	BF-13	-16.62	--	--	--	--	--	--	--	--	--	--	--	-14.75	--	--	--	-12.58	--	--	-10.35	--	--	-11.09
MBFC	Montrose	BF-14	-16.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.70	--	--	-10.56	--	--	-11.00
MBFC	Montrose	BF-15	-16.26	--	--	--	--	--	--	--	--	--	--	--	-14.93	--	--	--	-12.63	--	--	-10.43	--	--	-10.87
MBFC	Montrose	BF-16	-17.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.01	--	--	-11.26	--	--	-11.58
MBFC	Montrose	BF-17	-18.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.21	--	--	-11.84	--	--	-12.08
MBFC	Montrose	BF-19	-15.02	--	--	--	--	--	--	-14.72	--	--	--	--	--	--	--	--	-11.73	--	--	-9.68	--	--	-10.61
MBFC	Montrose	BF-20	-15.20	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.32	--	-12.09	--	--	-10.27	--	--	-10.28
MBFC	Montrose	BF-21	-16.29	--	--	--	--	--	--	--	--	--	--	--	-15.54	--	--	--	-12.79	--	--	-10.64	--	--	-10.76
MBFC	Montrose	BF-22	-17.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.90	--	--	-11.20	--	--	-11.49
MBFC	Montrose	BF-23	-16.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.51	--	--	-10.37	--	--	-10.76
MBFC	Montrose	BF-24	-17.37	--	--	--	--	--	--	--	--	--	--	--	-16.00	--	--	--	-13.38	--	--	-11.01	--	--	-11.44
MBFC	Montrose	BF-25	-19.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.92	--	--	-12.20	--	--	-12.28
MBFC	Montrose	BF-26	-19.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.44	--	--	-12.54	--	--	-12.62
MBFC	Montrose	BF-27	-19.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.93	--	--	-12.14	--	--	-12.36
MBFC	Montrose	BF-28	-19.59	--	--	--	--	--	--	--	--	--	--	--	-18.11	--	--	--	-15.01	--	--	-12.43	--	--	-12.57
MBFC	Montrose	BF-29	-16.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.87	--	--	-11.02	--	--	-11.10
MBFC	Montrose	BF-30	-17.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.89	--	--	-11.22	--	--	-11.28
MBFC	Montrose	BF-31	-16.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.58	--	-10.85	--	--	-10.78
MBFC	Montrose	BF-34	--	--	--	--	--	--	--	--	-14.92	--	--	--	--	--	--	--	-11.86	--	--	-10.18	--	--	-10.47
MBFC	Montrose	BF-35	--	--	--	--	--	--	--	--	-14.73	-14.65	--	--	--	--	--	--	-11.72	--	--	-9.95	--	--	-10.58
MBFC	Montrose	BF-36	--	--	--	--	--	--	--	--	--	-21.07	-20.57	--	--	--	--	--	-16.04	--	--	-13.22	--	--	-13.44
MBFC	Montrose	BF-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.18	--	--	-10.37	--	--	-10.65
MBFC	Montrose	BF-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.06	--	--	-8.68	--	--	-11.62
MBFC	Montrose	BF-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.17
MBFC	Montrose	BF-EW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.91
MBFC	Montrose	BF-EW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.19
MBFC	Montrose	BF-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.83	--	--	-10.53	--	--	-10.04
MBFC	Montrose	BF-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.87	--	--	-10.54	--	--	-9.78
MBFC	Montrose	BF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.58	--	--	-10.94	--	--	-10.94
MBFC	Montrose	BF-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.91	--	--	-10.85	--	--	-10.85
MBFC	Montrose	LBF-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.56	--	--	-12.63	--	--	-12.77
Gage	Boeing	EWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-53.82
Gage	Boeing	EWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.40
Gage	Boeing	MWG001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.26
Gage	Boeing	MWG002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.07
Gage	Boeing	MWG003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-8.85
Gage	Boeing	MWG004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-9.09
Gage	Del Amo	SWL0020	-20.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.25	--	--	-13.94
Gage	Del Amo	SWL0022	-19.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.52	--	--	-13.40	--	--	-13.39
Gage	Del Amo	SWL0025	-20.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-15.00	--	--	-13.36	--	--	-13.43
Gage	Del Amo	SWL0026	-19.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.95	--	--	-13.25	--	--	-13.28
Gage	Del Amo	SWL0034	-17.95	--	--	--	--	--	--	--	--	--	--	-16.76	--	--	-15.03	--	-13.84	--	--	--	--	--	-10.36
Gage	Del Amo	SWL0036	-18.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.27	--	--	-12.99	--	--	-13.16
Gage	Del Amo	SWL0063	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.51	--	--	-12.26	--	--	-12.57
Gage	Del Amo	SWL0066	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.00	--	--	-11.88	--	--	-12.24
Gage	Montrose	G-01	-15.87	--	--	--	--	--	--	--	--	--	--	-15.21	--	-14.38	-13.57	--	-12.27	--	--	-11.16	--	--	-11.48
Gage	Montrose	G-02	-16.18	--	--	--	--	--	--	--	--	--	--	-15.85	--	-15.01	-14.20	--	-12.66	--	--	-11.67	--	--	-11.85

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1985 Apr	1985 May	1985 Jun	1985 Jul	1985 Aug	1985 Oct	1985 Nov	1986 Jan	1986 Aug	1987 Jan	1987 Feb	1987 Mar	1987 Nov	1988 Jan	1988 Mar	1988 Apr	1988 Jul	1988 Oct	1989 Jan	1989 Feb	1989 May	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Apr	1990 Aug	1990 Nov	1990 Dec	1991 Apr
Gage	Montrose	G-03	--	--	--	--	--	--	--	--	--	-25.19	-24.78	-24.61	-24.33	-23.76	--	-23.29	-23.13	-23.04	-22.34	-22.41	-21.89	-21.52	-21.47	--	--	-21.25	-21.02	-20.96	-21.00	--	-20.96
Gage	Montrose	G-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.28	-23.34	-22.93	-22.67	-22.53	--	--	-22.29	-21.98	-21.96	-21.86	--	-21.97
Gage	Montrose	G-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.44	-23.52	-23.04	-22.78	-22.60	--	--	-22.37	-22.08	-22.07	-22.02	--	-22.08
Gage	Montrose	G-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.35	-23.39	-22.92	-22.66	-22.48	--	--	-22.24	-21.96	-21.98	-22.08	--	-22.01
Gage	Montrose	G-08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-23.68	-23.48	-23.45	-23.16	-23.21	-23.11	--	-23.19
Gage	Montrose	G-09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.61	--	-25.42	-25.08	-25.07	-24.89	--	-25.00
Gage	Montrose	G-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-24.65	-24.55	--	--	-24.27	-24.23	-23.98	-23.87	--	-23.94
Gage	Montrose	G-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-24.64	-24.27	--	--	-23.99	-23.71	-23.75	-23.61	--	-23.71
Gage	Montrose	G-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-19A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-25.19	--	--	-24.97	-24.62	-24.61	-24.45	--	-24.55
Gage	Montrose	G-IW-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	LG-01	--	--	--	--	--	--	--	--	--	-25.67	-25.29	-25.12	-24.83	-24.18	--	-23.81	-23.60	-23.50	-22.87	-22.94	-22.43	-22.16	-22.01	--	--	-21.86	-21.61	-21.47	-21.43	--	-21.51
Gage	Montrose	LG-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.41	-22.48	-21.96	-21.70	-21.57	--	--	-21.36	-21.06	-21.06	-21.05	--	-21.07
Lynwood	Montrose	LW-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.01	-32.69	--	-32.43	-32.16	-32.70	-33.12	-32.99	--	-33.85
Lynwood	Montrose	LW-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.35	-32.98	--	-32.70	-32.43	-32.96	-33.42	-33.28	--	-34.18
Lynwood	Montrose	LW-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-32.60	-32.55	-32.30	-32.77	-33.17	-33.03	--	-33.93
Lynwood	Montrose	LW-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lynwood	Montrose	LW-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lynwood	Montrose	LW-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lynwood	Montrose	LW-07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1991 Oct	1991 Nov	1992 Jul	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Nov	1993 Dec	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan
Gage	Montrose	G-03	-22.14	-22.24	-22.68	--	--	--	--	-22.17	--	--	--	--	--	--	--	--	--	--	--	-20.27	--	--	-19.90	--	-20.17	--	--	-20.49	--	--	--
Gage	Montrose	G-04	-23.00	-22.96	-23.27	--	--	--	--	-22.60	--	--	--	-22.18	--	--	--	--	--	--	--	-20.87	--	--	-20.37	--	-20.70	--	-21.11	-21.14	--	--	--
Gage	Montrose	G-05	-23.09	-23.09	-23.42	--	--	--	--	-22.81	--	--	-21.61	-21.80	--	--	--	--	--	-20.77	-20.64	--	--	--	-20.48	--	-20.81	--	-21.19	-21.19	--	--	--
Gage	Montrose	G-06	-23.01	-23.06	-23.42	--	--	--	--	-22.81	--	--	--	-22.41	--	--	--	--	--	-21.37	-21.23	-21.05	--	--	-20.53	--	-20.86	--	-21.22	-21.25	--	--	--
Gage	Montrose	G-08	-24.13	-24.15	-24.48	--	--	--	--	-23.72	--	--	--	-26.26	--	--	--	--	--	-21.99	--	-21.88	--	--	-21.11	--	-21.48	--	--	-21.89	--	--	--
Gage	Montrose	G-09	-25.82	-25.68	-25.67	--	--	--	--	-24.60	--	--	-24.27	-24.32	--	--	--	--	--	-24.21	--	--	--	--	--	--	-22.74	--	--	-23.17	--	--	--
Gage	Montrose	G-12	-24.85	-24.75	-24.94	--	--	--	--	-24.01	--	--	--	--	--	--	--	--	--	--	--	-22.37	--	--	-21.62	--	-22.03	--	--	-22.49	--	--	--
Gage	Montrose	G-13	-24.59	-24.54	-24.80	--	--	--	--	-23.94	--	--	--	-23.60	--	--	--	--	--	-22.51	--	-22.39	--	--	-21.62	--	-22.02	--	--	-22.53	--	--	--
Gage	Montrose	G-14	-22.63	-22.58	-22.90	--	--	--	--	-22.19	--	--	--	--	--	--	--	--	--	-20.94	--	-20.78	--	--	-20.12	--	-20.45	--	-20.85	-20.85	--	--	--
Gage	Montrose	G-15	-22.22	-22.29	-22.74	--	--	--	--	-22.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.01	--	-20.30	--	--	-20.59	--	--	--
Gage	Montrose	G-16	-23.85	-23.89	-24.26	--	--	--	--	-23.54	--	--	--	-23.18	--	--	--	--	--	--	--	--	--	--	-21.23	--	-21.59	--	--	-22.00	--	--	--
Gage	Montrose	G-17	-24.22	-24.12	-24.28	--	--	--	--	-23.42	--	-23.33	--	--	--	--	--	--	--	-21.97	--	-21.90	--	--	-21.17	--	-21.55	--	--	-21.95	--	--	--
Gage	Montrose	G-18	-26.12	-26.00	-26.05	--	--	--	--	-25.02	--	--	--	--	--	--	--	--	--	--	--	-23.38	--	--	-22.62	--	-23.00	--	--	-23.38	--	--	--
Gage	Montrose	G-19A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-6	-25.51	-25.34	-25.41	--	--	--	--	-24.23	-24.24	-22.51	--	-23.95	--	--	--	--	--	-22.79	-22.67	--	--	--	-21.91	--	-22.36	--	--	-22.86	--	--	--
Gage	Montrose	G-IW-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	LG-01	-22.63	-22.63	-23.01	--	--	--	--	-22.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.05	--	-20.42	--	--	-20.75	--	--	--
Gage	Montrose	LG-02	-22.23	-22.25	-22.68	--	--	--	--	-22.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.87	--	-20.18	--	--	-20.53	--	--	--
Lynwood	Montrose	LW-01	-36.13	-35.37	-36.78	--	--	--	--	-31.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.57	--	--	--
Lynwood	Montrose	LW-02	-36.36	-35.62	-36.91	--	--	--	--	16.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.63	-33.46	--	--	--
Lynwood	Montrose	LW-03	-36.09	-35.36	-36.69	--	--	--	--	-31.26	--	--	--	-32.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.37	-33.33	--	--	--
Lynwood	Montrose	LW-04	-36.29	-35.56	-36.85	--	--	--	--	-31.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.39	-33.33	--	--	--
Lynwood	Montrose	LW-05	-36.06	-35.29	-36.76	--	--	--	--	-31.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.38	--	--	--
Lynwood	Montrose	LW-06	-36.11	-35.36	-36.74	--	--	--	--	-31.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-33.34	--	--	--
Lynwood	Montrose	LW-07	-36.10	-35.34	-36.76	--	--	--	--	-31.26	--	--	--	--	--	--	--	--	--	--	--	-29.70	--	--	--	--	--	--	--	-33.36	--	--	--

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec	1996 Jan	1996 Feb	1996 May	1996 Jun	1996 Aug	1996 Sep	1996 Oct	1997 Jan	1998 Feb	1998 Mar	1999 Jan	1999 Feb	2000 Jun	2000 Jul	2000 Aug	2001 Jan	2002 Jan	2002 Sep	2002 Oct
Gage	Montrose	G-03	--	-19.49	--	--	-19.35	--	--	--	-20.19	--	--	-18.49	--	-18.30	--	--	--	-16.38	-18.24	-17.32	--	-16.78	--	-17.33	--	--	--	--	-16.54	--
Gage	Montrose	G-04	--	-19.89	--	--	-19.00	--	--	--	-19.66	--	--	-19.18	--	-19.18	--	--	--	-19.24	-18.77	-18.27	--	-17.67	--	-18.04	--	--	--	--	-17.22	--
Gage	Montrose	G-05	--	-20.01	--	--	-19.90	--	--	--	-19.82	--	--	-19.28	--	-19.29	--	--	--	-19.36	-19.15	-18.42	--	-17.95	--	-18.16	--	--	--	--	--	-17.66
Gage	Montrose	G-06	--	-20.03	--	--	-19.89	--	--	--	-19.90	--	--	-19.31	--	-19.28	--	--	--	--	42.54	-18.40	--	-18.02	--	-18.23	--	--	--	--	-17.28	--
Gage	Montrose	G-08	--	-20.60	--	--	-20.57	--	--	--	-20.86	--	--	-19.98	--	-20.12	--	--	--	-18.71	-20.09	-19.48	--	-18.81	--	-18.99	--	--	--	--	-18.31	--
Gage	Montrose	G-09	--	-21.64	--	--	-21.70	--	--	--	-21.72	--	--	-40.69	--	-22.01	--	--	--	-21.90	-21.60	-21.11	--	-20.55	--	-20.66	--	--	--	--	-19.59	--
Gage	Montrose	G-12	--	-20.99	--	--	-20.97	--	--	--	-21.15	--	--	-20.43	--	-20.75	--	--	--	-20.94	-20.93	-20.18	--	-19.57	--	--	--	--	--	--	-18.84	--
Gage	Montrose	G-13	--	-21.03	--	--	-21.01	--	--	--	-21.07	--	--	-20.47	--	-20.72	--	--	--	-20.86	-20.75	-20.12	--	-19.49	--	--	-19.65	--	--	--	-18.71	--
Gage	Montrose	G-14	--	-19.61	--	--	-19.60	--	--	--	-19.31	--	--	-18.87	--	-18.86	--	--	--	-18.93	-18.49	-17.88	--	-17.37	--	-19.32	--	--	--	--	-16.95	--
Gage	Montrose	G-15	--	-19.68	--	--	-22.13	--	--	--	-19.34	--	--	-18.74	--	-18.53	--	--	--	-21.07	-18.28	-17.52	--	-17.10	--	-17.50	--	--	--	--	-16.56	--
Gage	Montrose	G-16	--	-20.74	--	--	-20.70	--	--	--	-20.67	--	--	-20.12	--	-20.17	--	--	--	-20.19	-20.13	-19.50	--	-19.88	--	--	-19.05	--	--	--	-18.03	--
Gage	Montrose	G-17	--	-20.56	--	--	-20.58	--	--	--	-20.53	--	--	-20.01	--	-20.24	--	--	--	-20.40	-20.21	-19.51	--	-19.06	--	--	--	--	--	--	--	-18.54
Gage	Montrose	G-18	--	-24.09	--	--	-21.90	--	--	--	-22.14	--	--	-21.23	--	-21.82	--	--	--	-22.13	-21.85	-21.45	--	-20.85	--	-20.82	--	--	--	--	-19.91	--
Gage	Montrose	G-19A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-IW-6	--	-21.23	--	--	-21.35	--	--	--	-21.39	--	--	-20.84	--	-21.33	--	--	--	-21.58	-21.47	-20.84	--	-20.36	--	--	-20.39	--	--	--	-19.49	--
Gage	Montrose	G-IW-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	G-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gage	Montrose	LG-01	--	-19.66	--	--	-19.58	--	--	--	-19.49	--	--	-18.87	--	-18.72	--	--	--	-21.45	-18.60	-17.66	--	-17.21	--	-17.68	--	--	--	--	-16.92	--
Gage	Montrose	LG-02	--	-19.51	--	--	-19.36	--	--	--	-19.22	--	--	-18.63	--	-18.41	--	--	--	-18.45	-18.32	-17.35	--	-16.88	--	-17.38	--	--	--	--	-16.60	--
Lynwood	Montrose	LW-01	--	-28.64	--	--	-30.90	--	--	--	-30.79	--	--	-30.54	--	-32.85	--	--	--	-34.14	-33.59	-33.29	--	-33.72	--	-32.35	--	--	--	--	-30.25	-30.62
Lynwood	Montrose	LW-02	--	-28.64	--	--	-30.86	--	--	--	-30.93	--	--	-30.65	--	-32.90	--	--	--	-34.27	-33.81	-33.65	--	-33.94	--	-32.43	--	--	--	--	-30.33	-30.79
Lynwood	Montrose	LW-03	--	-28.40	--	--	-29.66	--	--	--	-30.70	--	--	-30.29	--	-32.63	--	--	--	-33.92	-33.31	-33.00	--	-33.45	--	-32.16	--	--	--	--	-30.35	-30.72
Lynwood	Montrose	LW-04	--	-28.37	--	--	-30.64	--	--	--	-30.91	--	--	-30.45	--	-32.79	--	--	--	-34.08	-33.56	-33.37	--	-33.74	--	-32.18	--	--	--	--	-30.19	-30.62
Lynwood	Montrose	LW-05	--	-28.48	--	--	-30.69	--	--	--	-30.72	--	--	-30.29	--	-32.55	--	--	--	-33.85	-33.28	-32.93	--	-33.37	--	-31.31	--	--	--	--	-30.23	-30.59
Lynwood	Montrose	LW-06	--	-28.42	--	--	-30.64	--	--	--	-30.71	--	--	-30.31	--	-30.33	--	--	--	-33.85	-33.37	-33.03	--	-33.47	--	-32.14	--	--	--	--	-30.17	-30.61
Lynwood	Montrose	LW-07	--	-28.42	--	--	-30.66	--	--	--	-30.73	--	--	-30.33	--	-32.64	--	--	--	-33.92	-33.39	-33.05	--	-33.48	--	-32.12	--	--	--	--	-30.17	-30.55

Appendix C - Table 1
Historic Groundwater Elevation Summary Table

HSU	Facility	Location	2004 Jan	2004 Feb	2004 Mar	2004 Apr	2004 May	2004 Jun	2004 Jul	2004 Aug	2004 Sep	2004 Oct	2004 Nov	2005 Feb	2005 Mar	2005 Jul	2005 Dec	2006 Sep	2006 Oct	2006 Dec	2011 Feb	2012 Feb	2012 Mar	2012 Nov	2014 Sep
Gage	Montrose	G-03	-16.11	--	--	--	--	--	--	--	--	--	--	-15.41	--	-14.59	-13.79	--	-12.48	--	--	-11.24	--	--	-11.38
Gage	Montrose	G-04	-16.72	--	--	--	--	--	--	--	--	--	--	-15.86	--	-15.06	-14.24	--	-12.91	--	--	-11.75	--	--	-12.02
Gage	Montrose	G-05	-17.02	--	--	--	--	--	--	--	--	--	--	--	--	-15.23	-14.30	--	-13.11	--	--	-11.70	--	--	-11.88
Gage	Montrose	G-06	-16.93	--	--	--	--	--	-16.68	--	--	--	--	-15.97	-15.97	-15.21	-15.37	--	-13.08	--	--	-11.68	--	--	-11.83
Gage	Montrose	G-08	-17.88	--	--	--	--	--	--	--	--	--	--	-16.87	--	-16.06	-15.20	--	-13.82	--	--	-12.25	--	--	-12.28
Gage	Montrose	G-09	-19.19	--	--	--	--	--	--	--	--	--	--	--	--	-16.83	-15.91	--	15.39	--	--	-13.10	--	--	-13.12
Gage	Montrose	G-12	-18.50	--	--	--	--	--	--	--	--	--	--	--	--	-16.31	-15.42	--	-15.10	--	--	-12.65	--	--	-12.77
Gage	Montrose	G-13	-18.26	--	--	--	--	--	--	--	--	--	--	-17.06	--	-16.24	-15.36	--	-14.03	--	--	-12.56	--	--	-12.56
Gage	Montrose	G-14	-16.58	--	--	--	--	--	--	--	--	--	--	-15.57	--	-14.77	-13.94	--	-12.80	--	--	-11.57	--	--	-12.03
Gage	Montrose	G-15	-17.88	--	--	--	--	--	--	--	--	--	--	-15.47	--	-14.72	-13.84	--	-12.53	--	--	-11.17	--	--	-11.18
Gage	Montrose	G-16	-17.63	--	--	--	--	--	--	--	--	--	--	-16.65	--	-15.85	-15.00	--	-13.68	--	--	-12.15	--	--	-12.10
Gage	Montrose	G-17	-17.31	--	--	--	--	--	--	--	--	--	--	--	--	-15.81	-14.93	--	-13.61	--	--	-12.22	--	--	-12.26
Gage	Montrose	G-18	-19.50	--	--	--	--	--	--	--	--	--	--	-18.01	--	-17.09	-16.18	--	-14.89	--	--	-13.13	--	--	-13.15
Gage	Montrose	G-19A	--	--	--	--	--	--	--	--	--	--	-18.13	-18.47	-17.42	-16.63	-15.70	--	-14.45	--	--	-12.37	--	--	-12.88
Gage	Montrose	G-20	--	--	--	--	--	--	--	--	-15.64	--	--	--	-14.95	-14.20	-13.37	--	--	--	--	-11.00	--	--	-11.02
Gage	Montrose	G-21	--	--	--	--	--	--	--	--	-15.86	-15.75	--	-15.24	-15.13	-14.39	-13.53	--	-12.30	--	--	-11.65	--	--	-11.79
Gage	Montrose	G-22	--	--	--	--	--	--	--	--	--	-18.73	-18.60	-17.84	-17.74	-16.87	-16.02	--	-14.64	--	--	-12.59	--	--	-12.73
Gage	Montrose	G-23	--	--	--	--	--	--	--	--	--	-18.57	-18.22	-17.75	-17.71	-16.82	-15.95	--	-14.67	--	--	-12.45	--	--	-12.58
Gage	Montrose	G-24	--	--	--	--	--	--	--	--	--	-17.10	-16.77	-16.41	-16.40	-15.60	-14.72	--	-13.45	--	--	-11.78	--	--	-11.58
Gage	Montrose	G-25	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.50	-13.73	--	-12.40	--	--	-10.76	--	--	-10.61
Gage	Montrose	G-26	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.99	-14.55	--	-13.22	--	--	-11.15	--	--	-11.03
Gage	Montrose	G-27	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.52	-15.66	--	-14.38	--	--	-12.04	--	--	-11.99
Gage	Montrose	G-28	--	--	--	--	--	--	--	--	--	--	--	--	--	-18.20	-17.35	--	-15.97	--	--	-13.45	--	--	-13.34
Gage	Montrose	G-29	--	--	--	--	--	--	--	--	--	--	--	--	--	-19.09	-18.25	--	-16.79	--	--	-14.82	--	--	-14.55
Gage	Montrose	G-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.01	--	-12.59	--	--	-10.96	--	--	-10.59
Gage	Montrose	G-31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.92	--	-19.25	--	--	-17.12	--	--	-16.32
Gage	Montrose	G-32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-20.86	--	-19.27	--	--	-17.75	--	--	-16.89
Gage	Montrose	G-33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.58	--	-12.22	--	--	-10.82	--	--	-10.51
Gage	Montrose	G-34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-16.53	--	--	-13.36	--	--	-13.21
Gage	Montrose	G-35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-12.43	--	--	-12.55
Gage	Montrose	G-EW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.35	--	--	-11.68	--	--	-11.85
Gage	Montrose	G-EW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.79	--	--	-12.62	--	--	-12.78
Gage	Montrose	G-EW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.41	--	--	-11.64	--	--	-11.57
Gage	Montrose	G-IW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.83	--	--	-10.80	--	--	-10.55
Gage	Montrose	G-IW-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.56	--	--	-14.56	--	--	-13.57
Gage	Montrose	G-IW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.49
Gage	Montrose	G-IW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.36
Gage	Montrose	G-IW-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.37
Gage	Montrose	G-IW-6	-19.04	--	--	--	--	--	--	--	--	--	--	--	-17.43	-16.66	-15.80	--	-14.46	--	--	-13.19	--	--	-13.36
Gage	Montrose	G-IW-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-10.54
Gage	Montrose	G-OW-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-11.86	--	--	-10.82	--	--	-10.34
Gage	Montrose	G-OW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-14.56	--	--	-12.71	--	-13.13	-12.66
Gage	Montrose	G-OW-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-13.49	--	--	-11.65	--	--	-11.64
Gage	Montrose	LG-01	-16.45	--	--	--	--	--	--	--	--	--	--	-15.69	--	-14.87	-14.04	--	-12.73	--	--	-11.48	--	--	-11.68
Gage	Montrose	LG-02	-16.22	--	--	--	--	--	--	--	--	--	--	-15.45	--	-14.63	-13.80	-12.76	--	--	--	-11.27	--	--	-11.59
Lynwood	Montrose	LW-01	-29.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.58	--	--	-22.78	--	-23.28	-21.47
Lynwood	Montrose	LW-02	-29.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.73	--	--	-22.91	--	-23.38	-21.48
Lynwood	Montrose	LW-03	-29.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.65	--	--	-23.00	--	-23.47	-21.67
Lynwood	Montrose	LW-04	-29.63	--	--	--	--	--	--	--	--	--	--	--	-26.36	--	--	--	-22.58	--	--	-22.74	--	-23.26	-21.46
Lynwood	Montrose	LW-05	-29.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.45	--	--	-22.84	--	-23.27	-21.43
Lynwood	Montrose	LW-06	-29.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.53	--	--	-22.84	--	-23.30	-21.40
Lynwood	Montrose	LW-07	-29.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-22.48	--	--	-22.69	--	-23.22	-21.31

Notes:

-- = Not Available

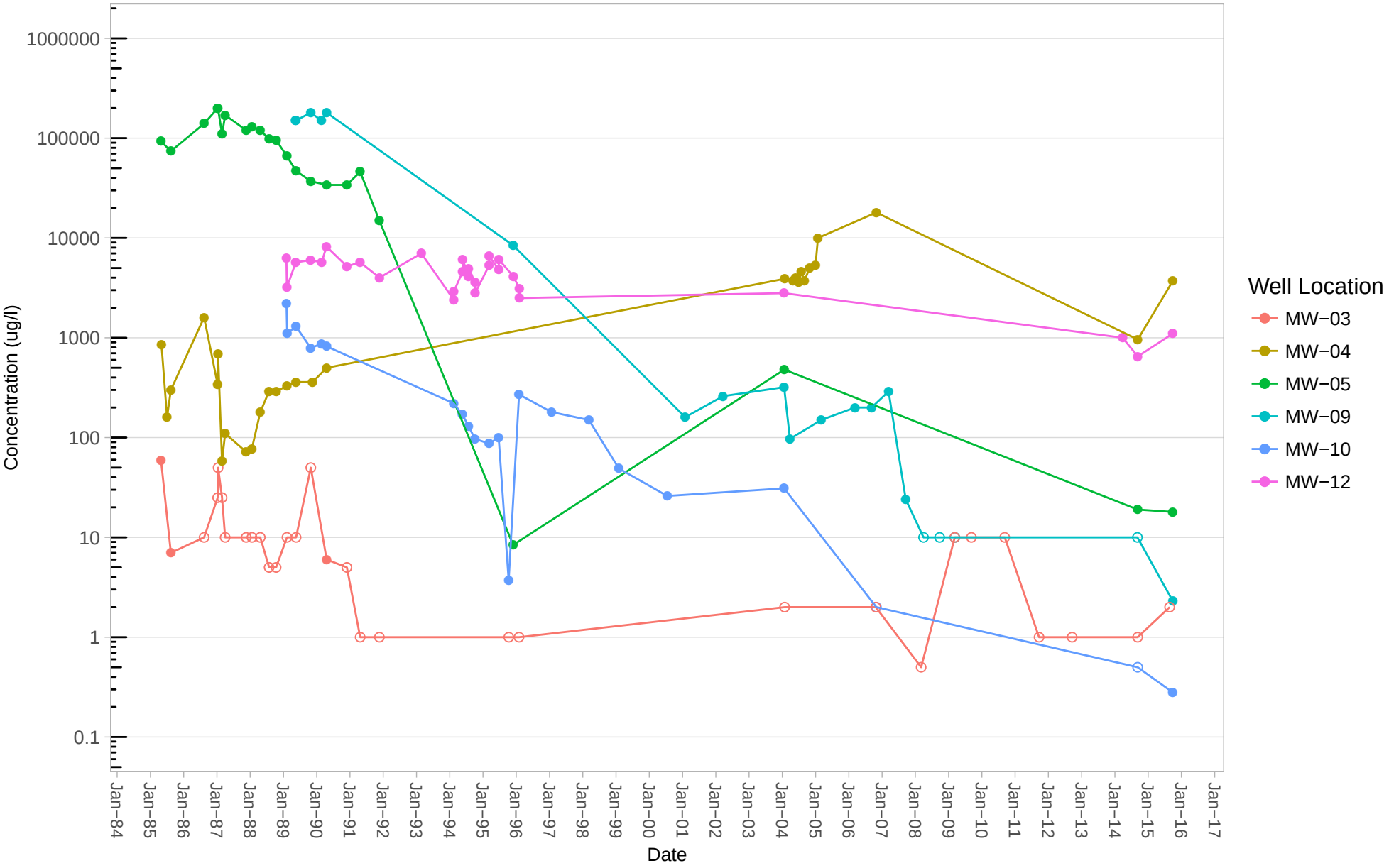
All elevations in feet MSL

APPENDIX D-Not Used

APPENDIX E

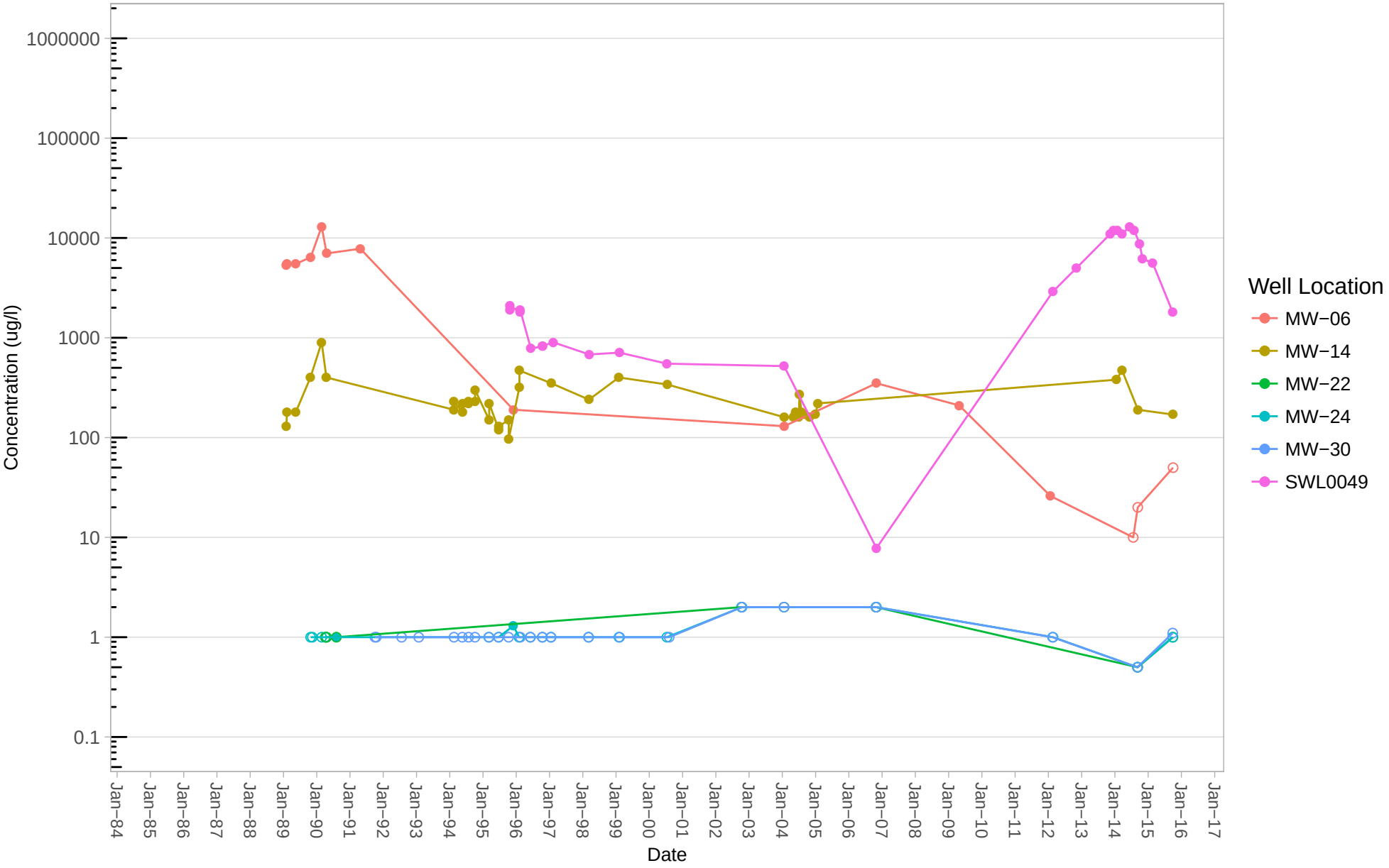
CHLOROBENZENE, pCBSA, AND CHLOROFORM

Graph E−01 − Chlorobenzene
Time vs Concentration Plot, North of Montrose Property, Water Table
Montrose Superfund Site



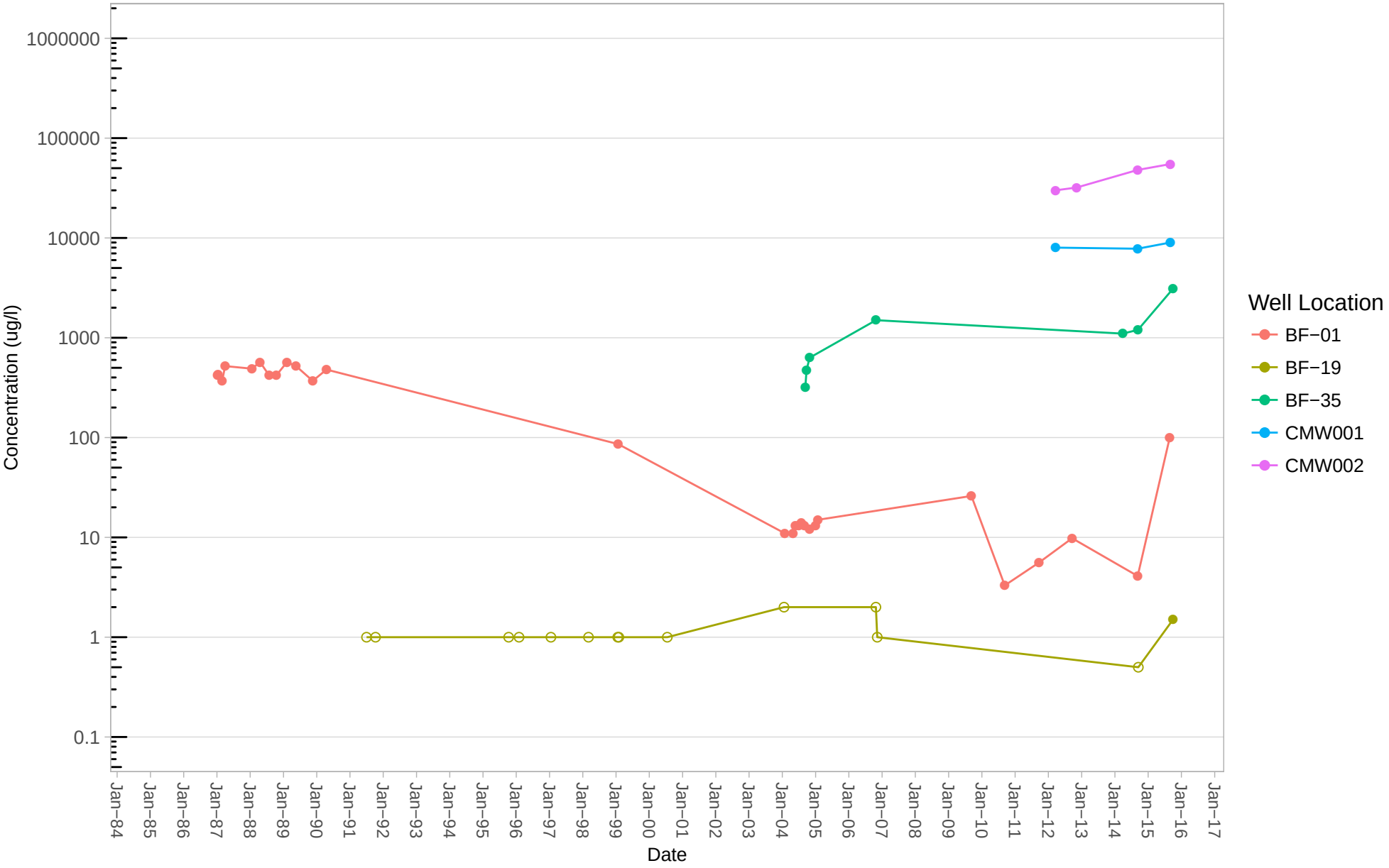
Notes: Nondetects reported as white circles at the reporting limit

Graph E−02 − Chlorobenzene
Time vs Concentration Plot, South of Montrose Property, Water Table
Montrose Superfund Site



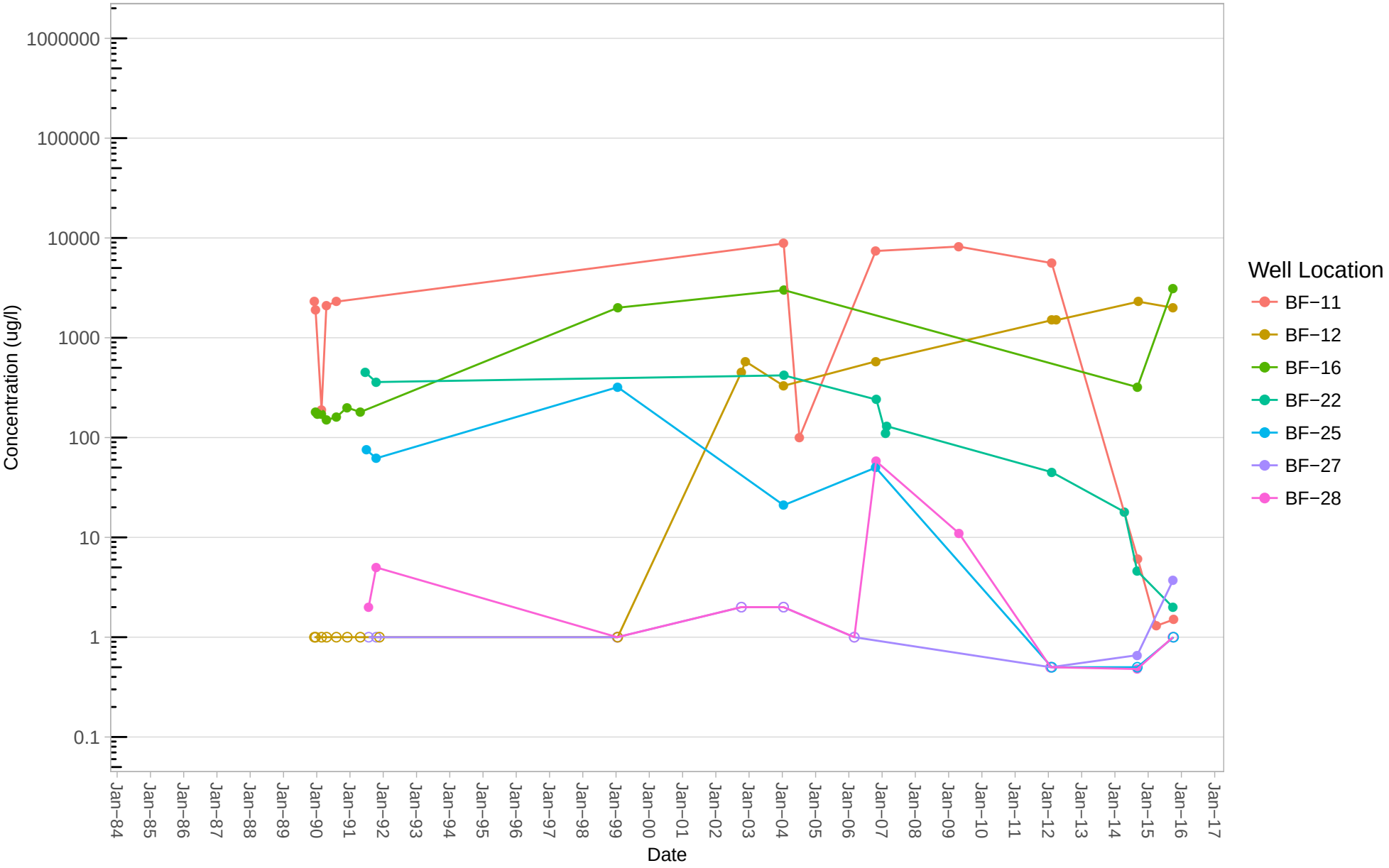
Notes: Nondetects reported as white circles at the reporting limit

Graph E−03 − Chlorobenzene
Time vs Concentration Plot, North of Montrose Property, MBFC Aquifer
Montrose Superfund Site



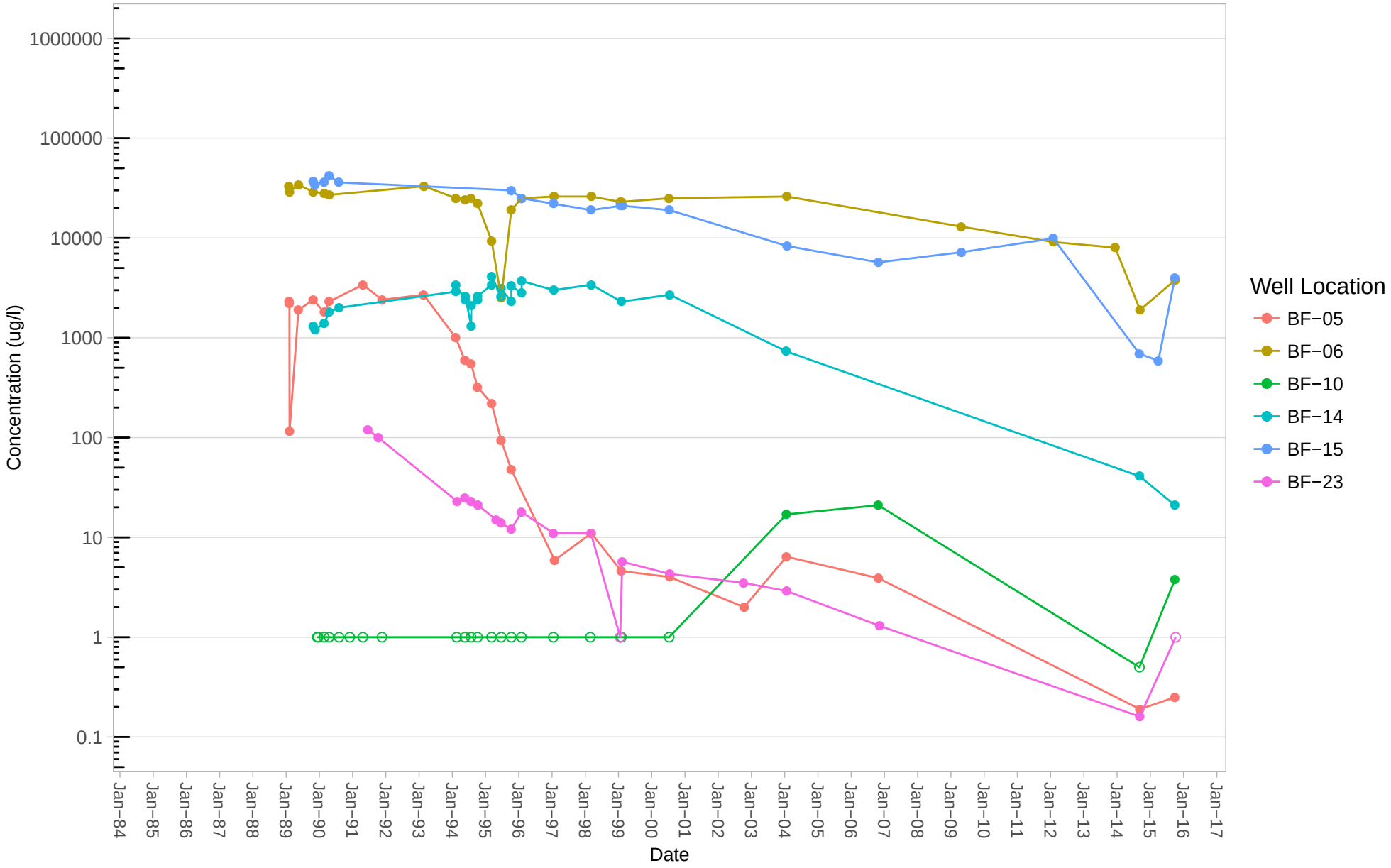
Notes: Nondetects reported as white circles at the reporting limit

Graph E−04 − Chlorobenzene
Time vs Concentration Plot, South of Montrose Property, MBFC Aquifer
Montrose Superfund Site



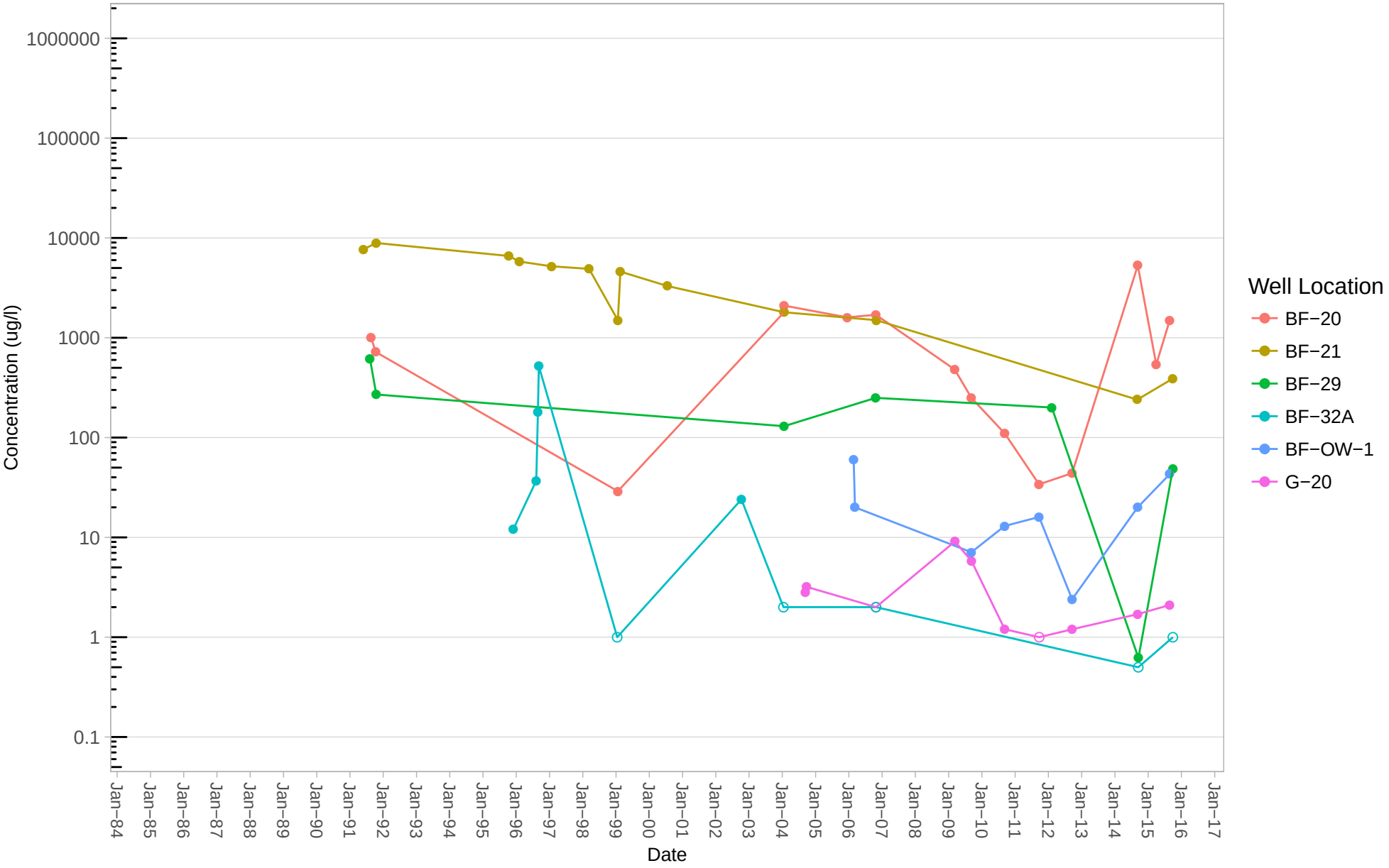
Notes: Nondetects reported as white circles at the reporting limit

Graph E−05 − Chlorobenzene
Time vs Concentration Plot, East of Montrose Property, MBFC Aquifer
Montrose Superfund Site



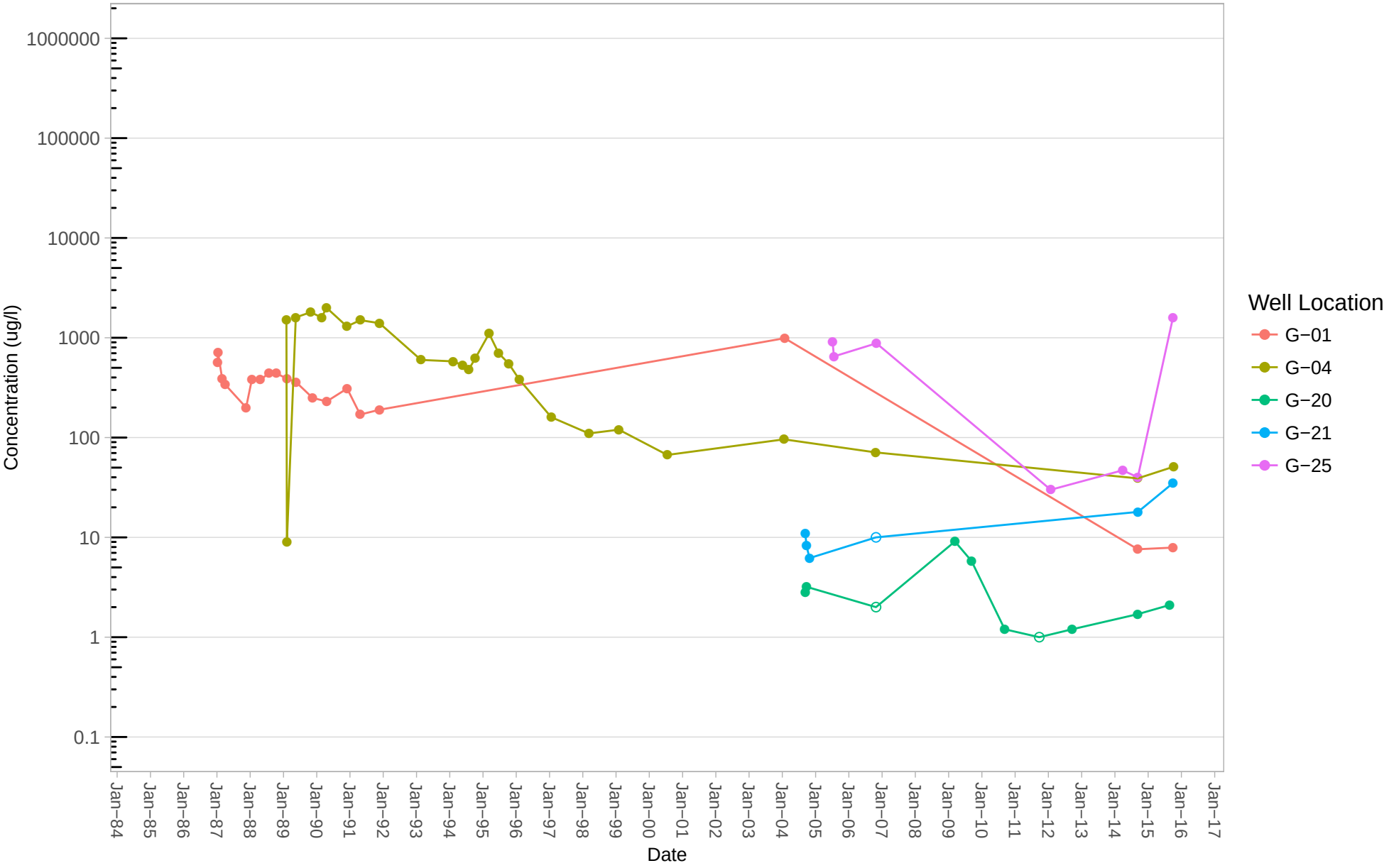
Notes: Nondetects reported as white circles at the reporting limit

Graph E−06 − Chlorobenzene
Time vs Concentration Plot, West of Montrose Property, MBFC Aquifer
Montrose Superfund Site



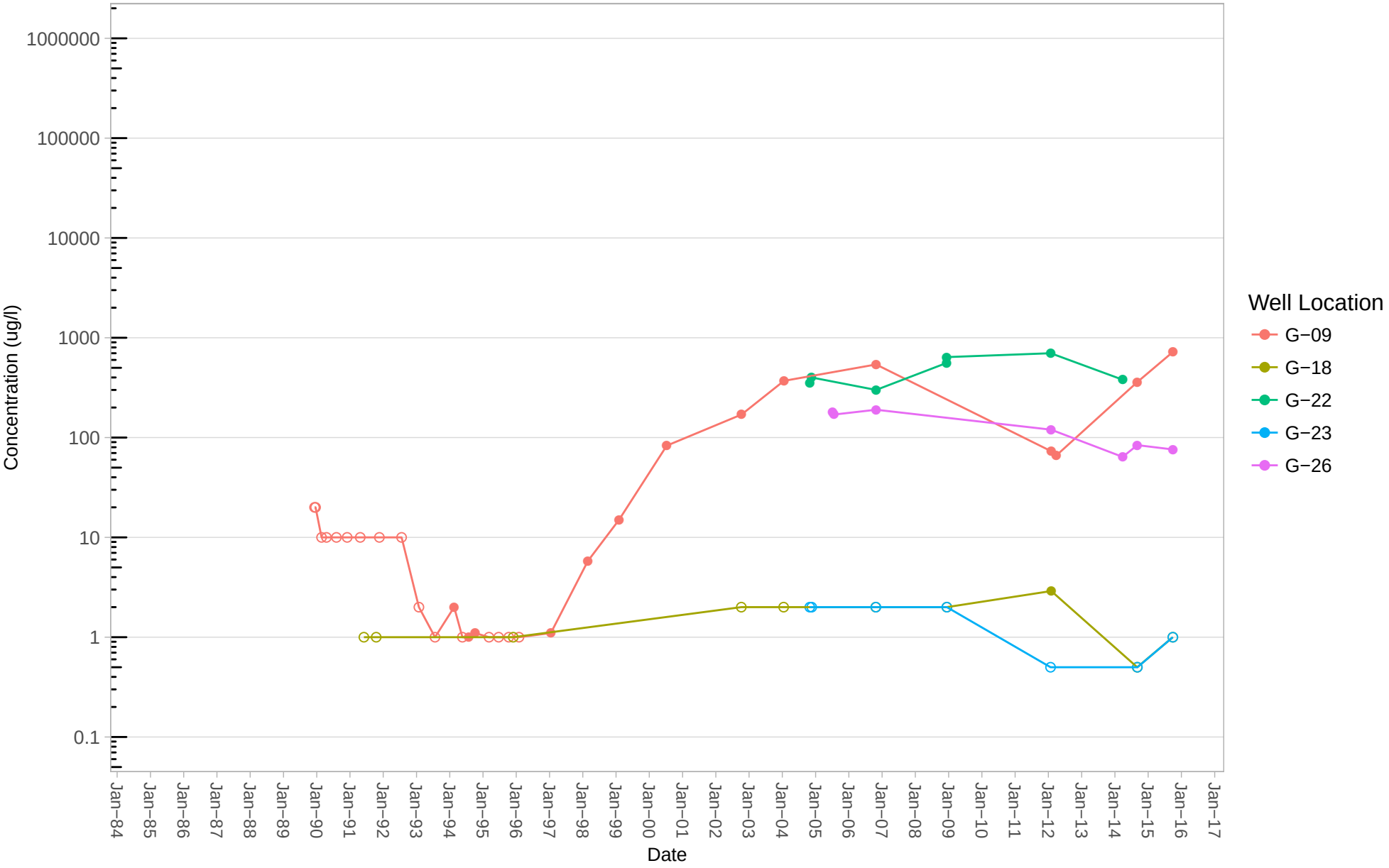
Notes: Nondetects reported as white circles at the reporting limit

Graph E−07 − Chlorobenzene
Time vs Concentration Plot, Northwest of Montrose Property, Gage Aquifer
Montrose Superfund Site



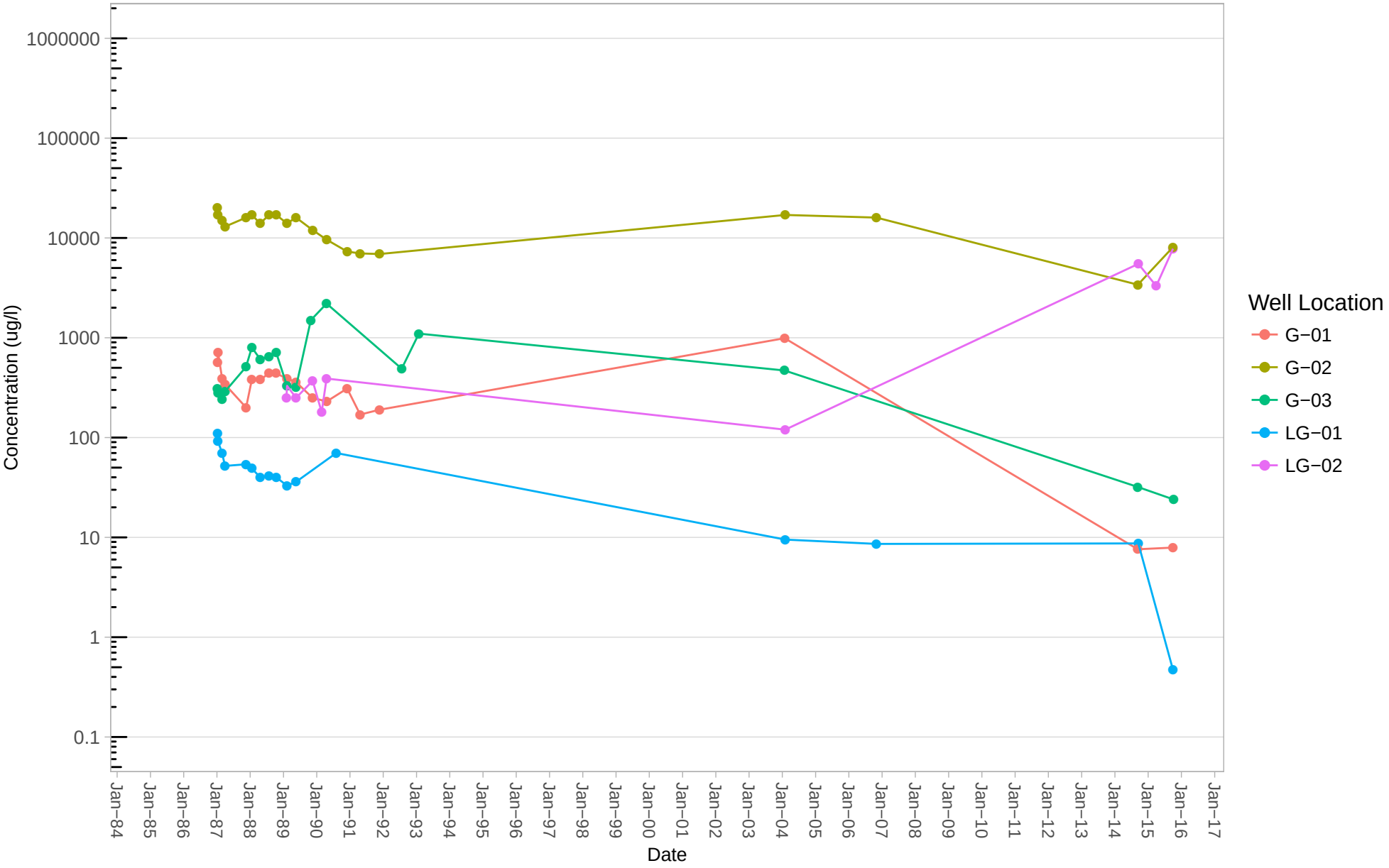
Notes: Nondetects reported as white circles at the reporting limit

Graph E−08 − Chlorobenzene
Time vs Concentration Plot, Southeast of Montrose Property, Gage Aquifer
Montrose Superfund Site



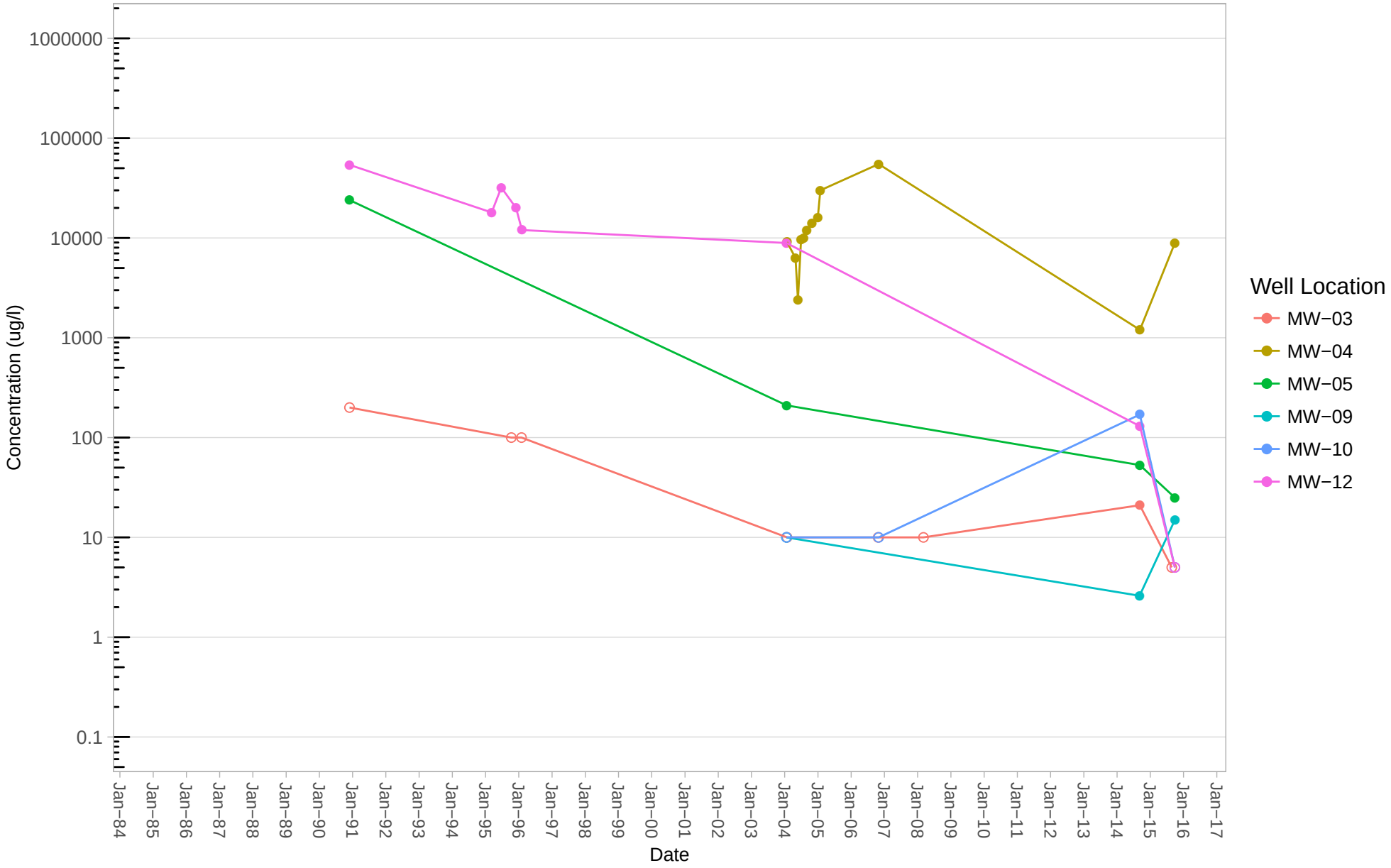
Notes: Nondetects reported as white circles at the reporting limit

Graph E−09 − Chlorobenzene
Time vs Concentration Plot, Montrose Property, Gage Aquifer
Montrose Superfund Site



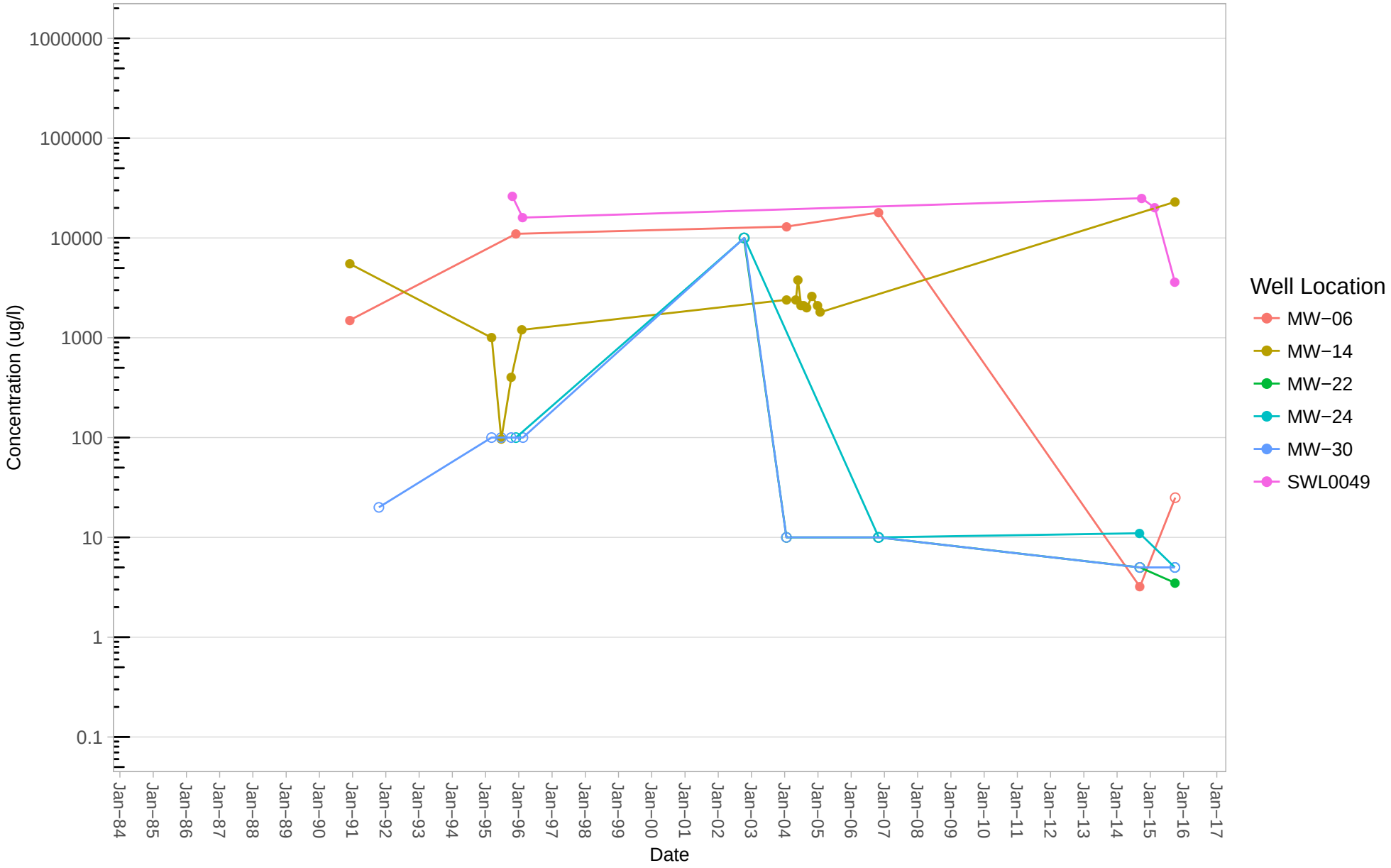
Notes: Nondetects reported as white circles at the reporting limit

Graph E−10 − pCBSA
Time vs Concentration Plot, North of Montrose Property, Water Table
Montrose Superfund Site



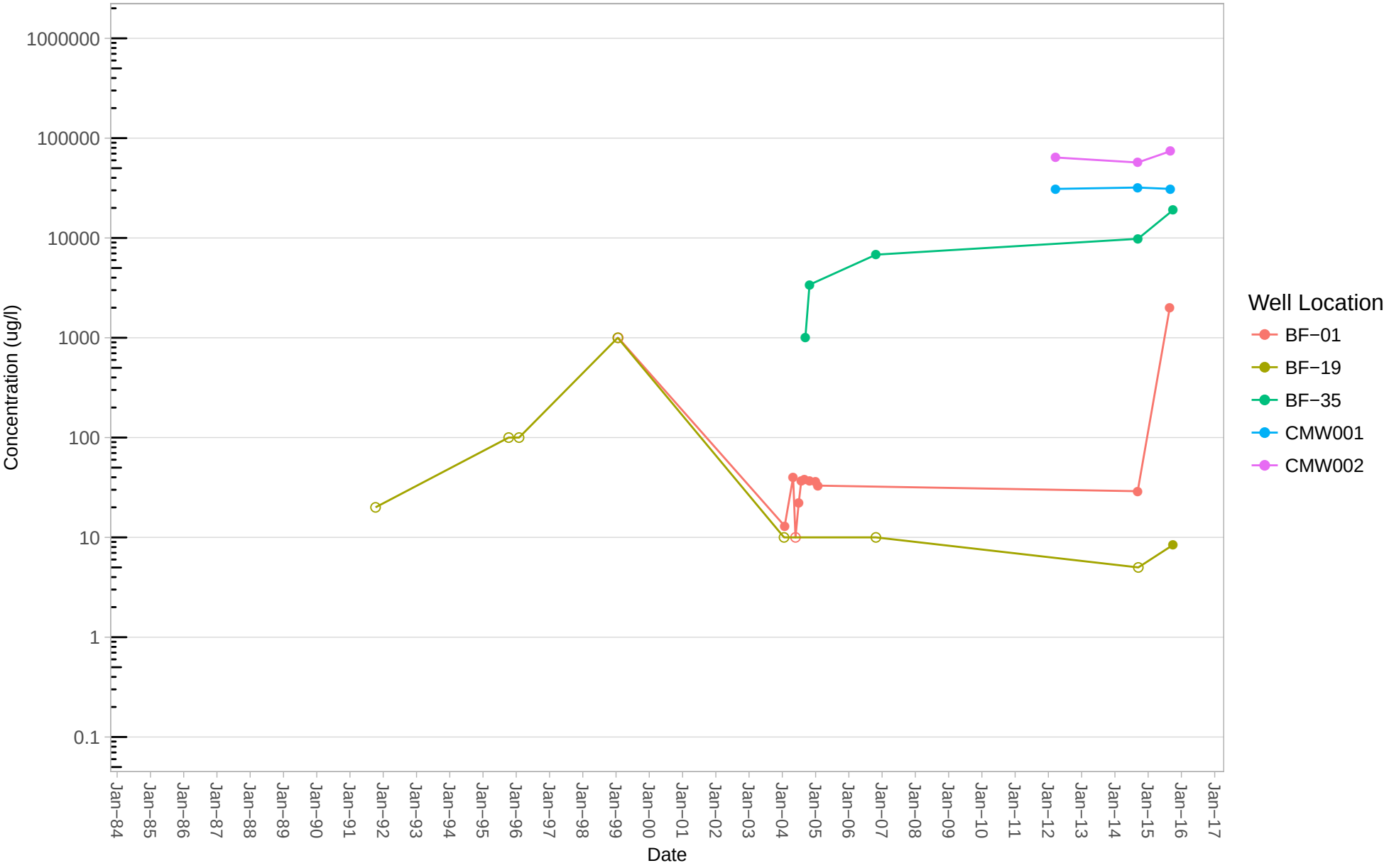
Notes: Nondetects reported as white circles at the reporting limit

Graph E−11 − pCBSA
Time vs Concentration Plot, South of Montrose Property, Water Table
Montrose Superfund Site



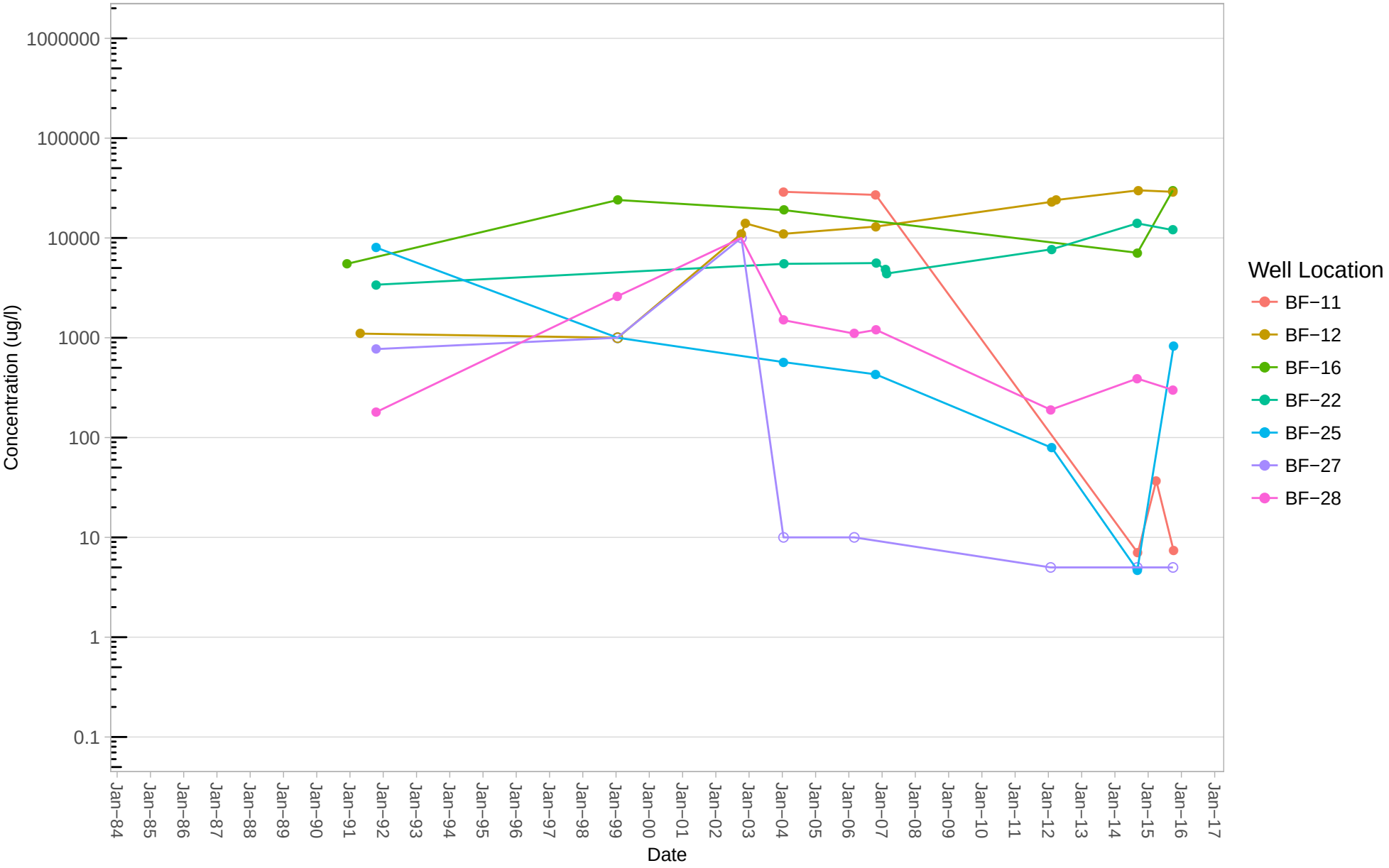
Notes: Nondetects reported as white circles at the reporting limit

Graph E−12 − pCBSA
Time vs Concentration Plot, North of Montrose Property, MBFC Aquifer
Montrose Superfund Site



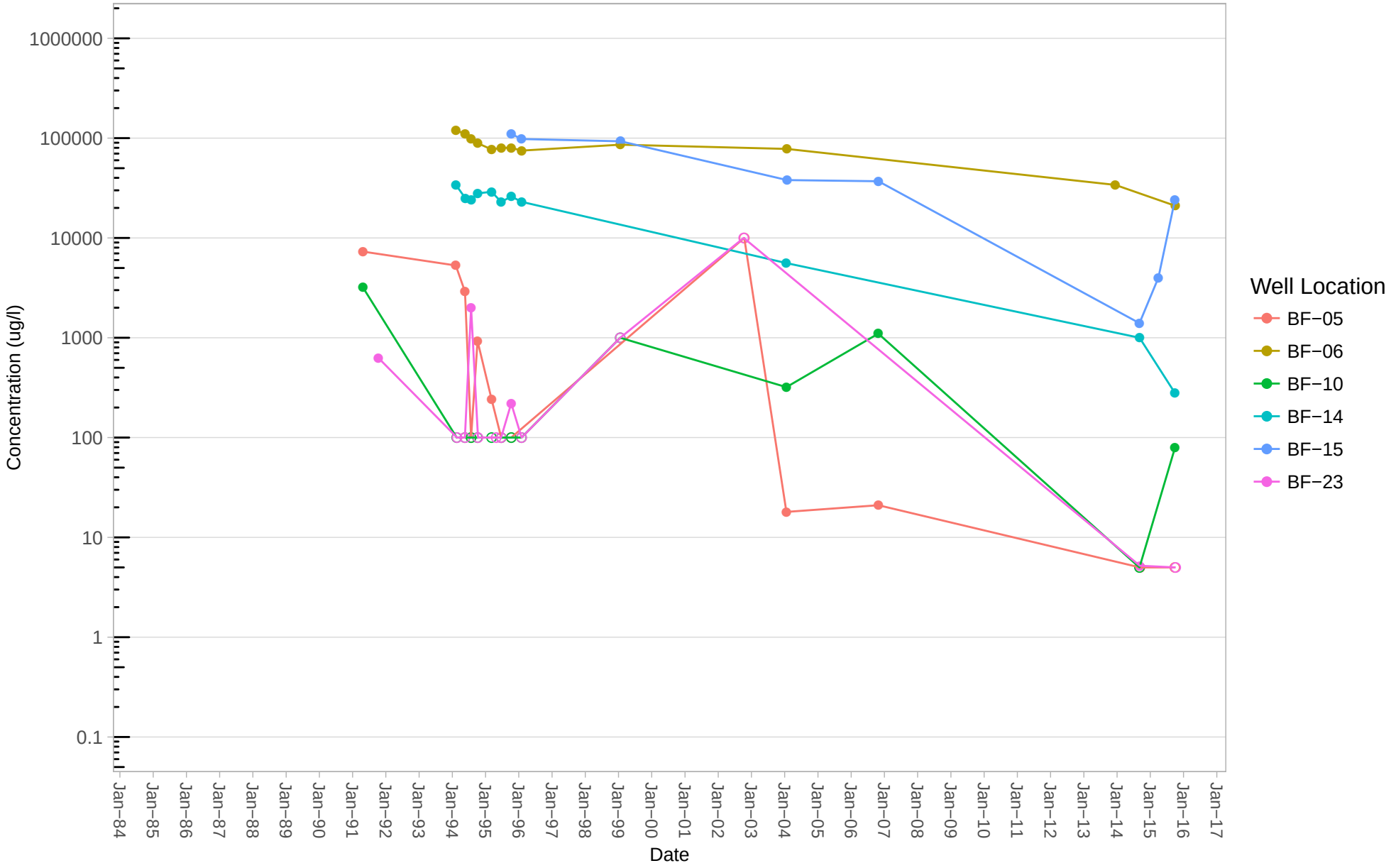
Notes: Nondetects reported as white circles at the reporting limit

Graph E−13 − pCBSA
Time vs Concentration Plot, South of Montrose Property, MBFC Aquifer
Montrose Superfund Site



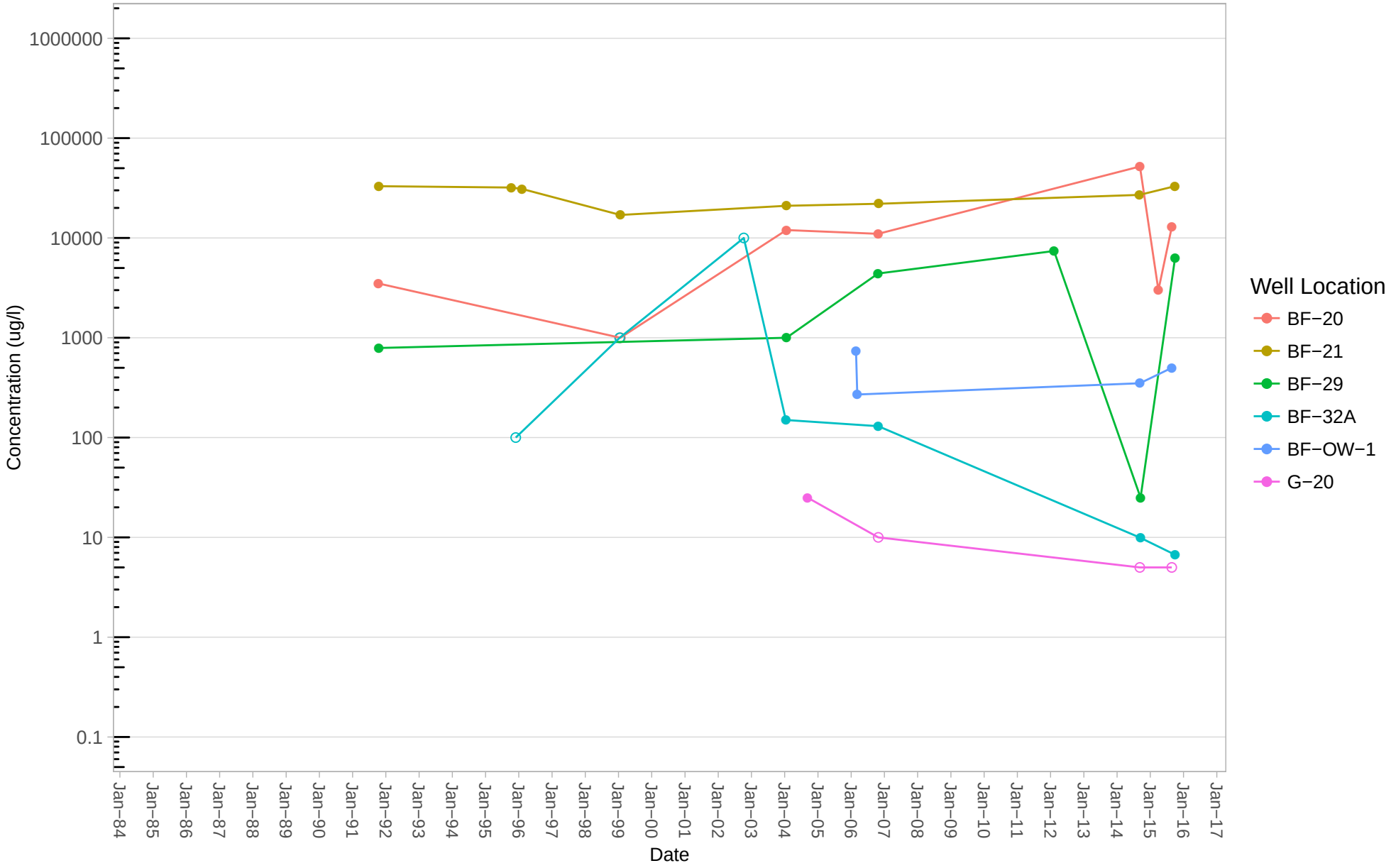
Notes: Nondetects reported as white circles at the reporting limit

Graph E−14 − pCBSA
Time vs Concentration Plot, East of Montrose Property, MBFC Aquifer
Montrose Superfund Site



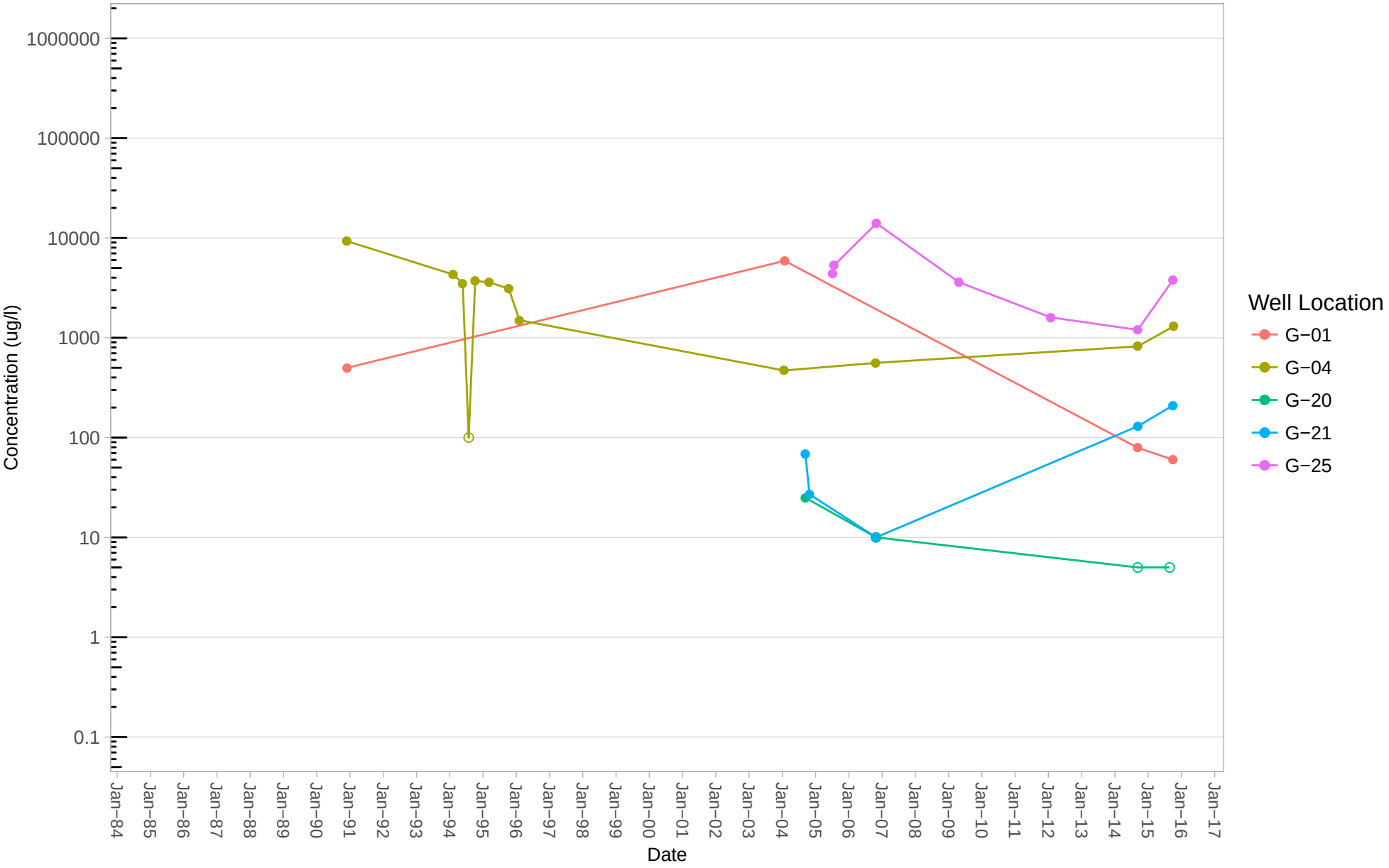
Notes: Nondetects reported as white circles at the reporting limit

Graph E−15 − pCBSA
Time vs Concentration Plot, West of Montrose Property, MBFC Aquifer
Montrose Superfund Site



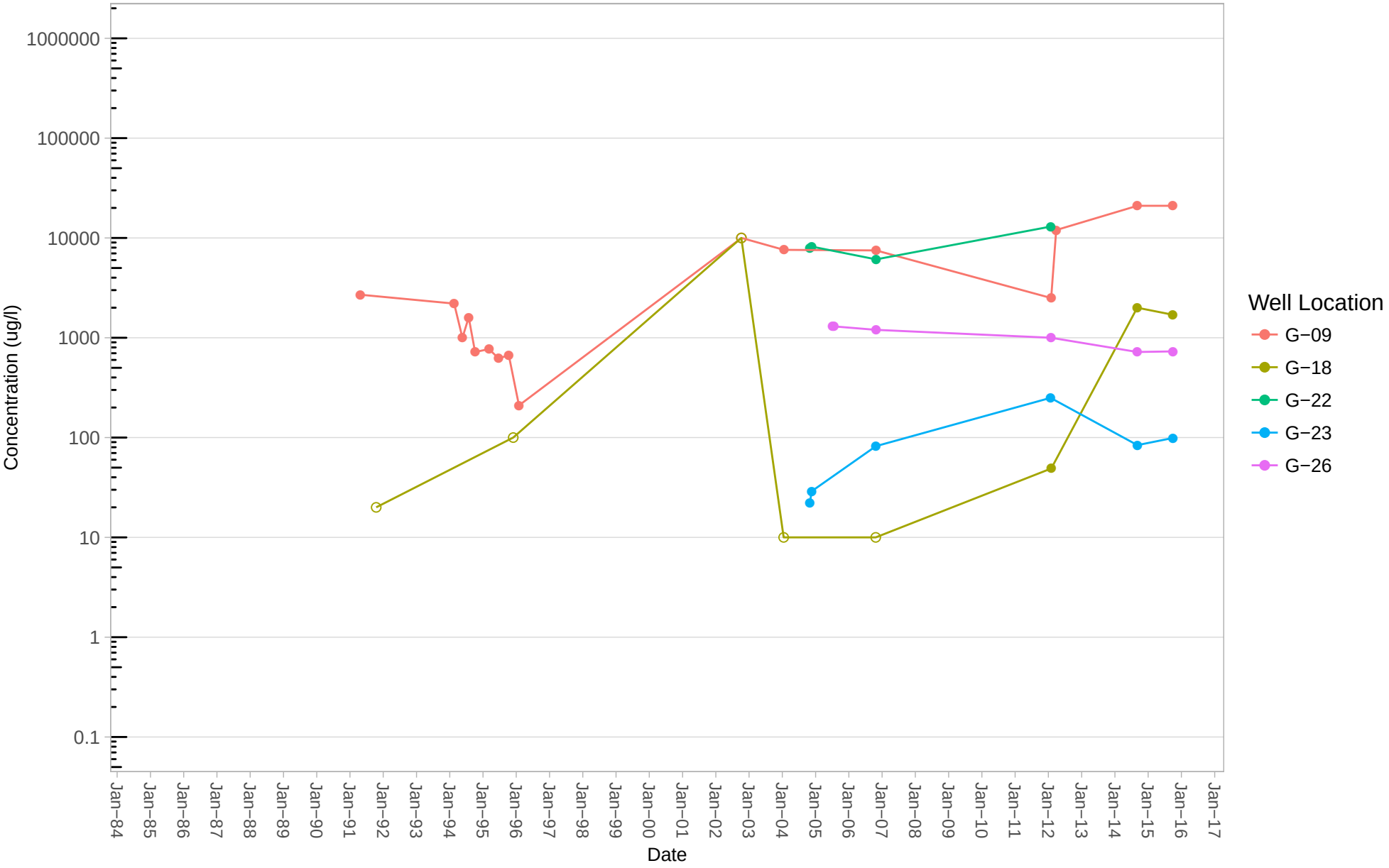
Notes: Nondetects reported as white circles at the reporting limit

Graph E−16 − pCBSA
Time vs Concentration Plot, Northwest of Montrose Property, Gage Aquifer
Montrose Superfund Site



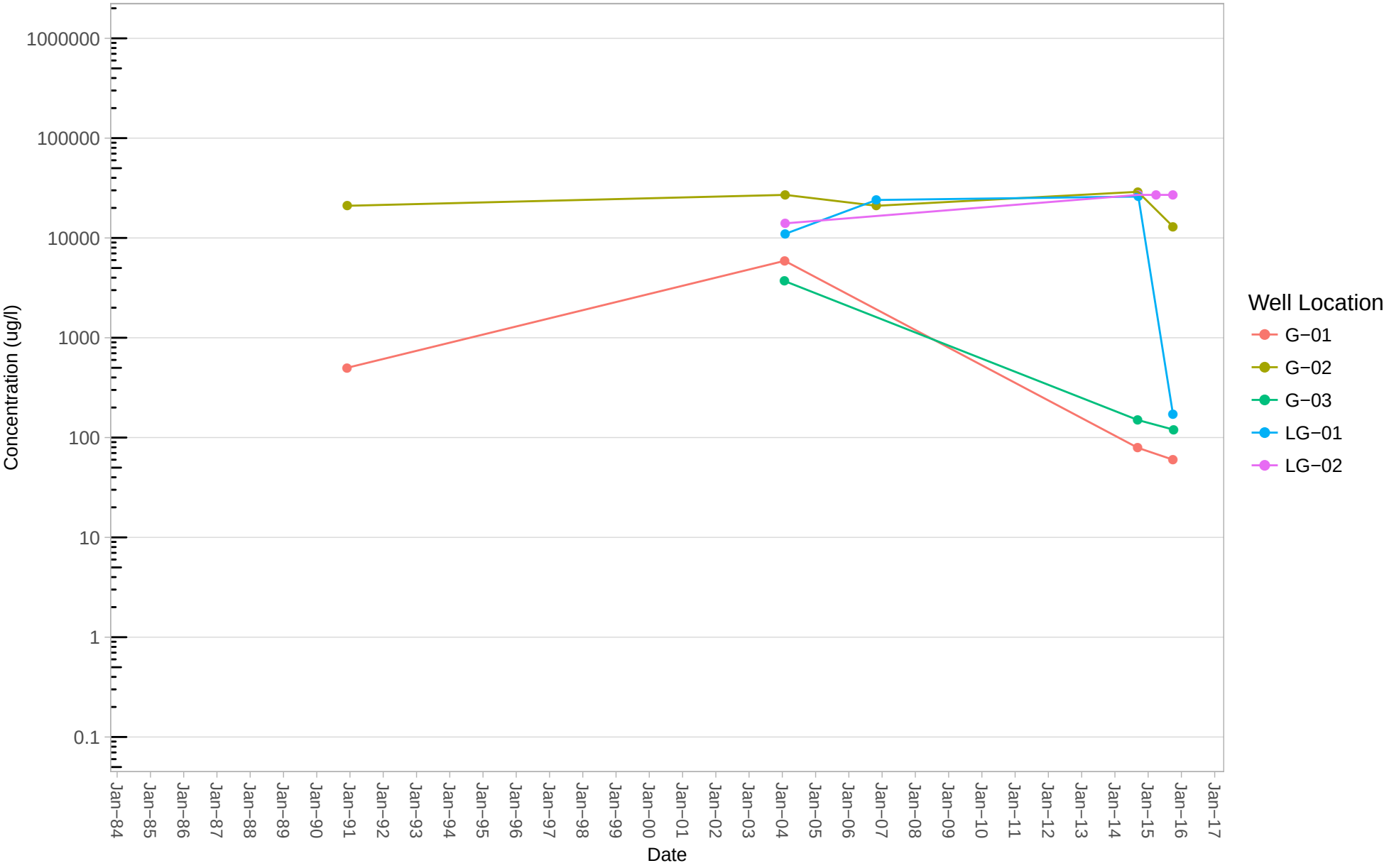
Notes: Nondetects reported as white circles at the reporting limit

Graph E−17 − pCBSA
Time vs Concentration Plot, Southeast of Montrose Property, Gage Aquifer
Montrose Superfund Site



Notes: Nondetects reported as white circles at the reporting limit

Graph E−18 − pCBSA
Time vs Concentration Plot, Montrose Property, Gage Aquifer
Montrose Superfund Site

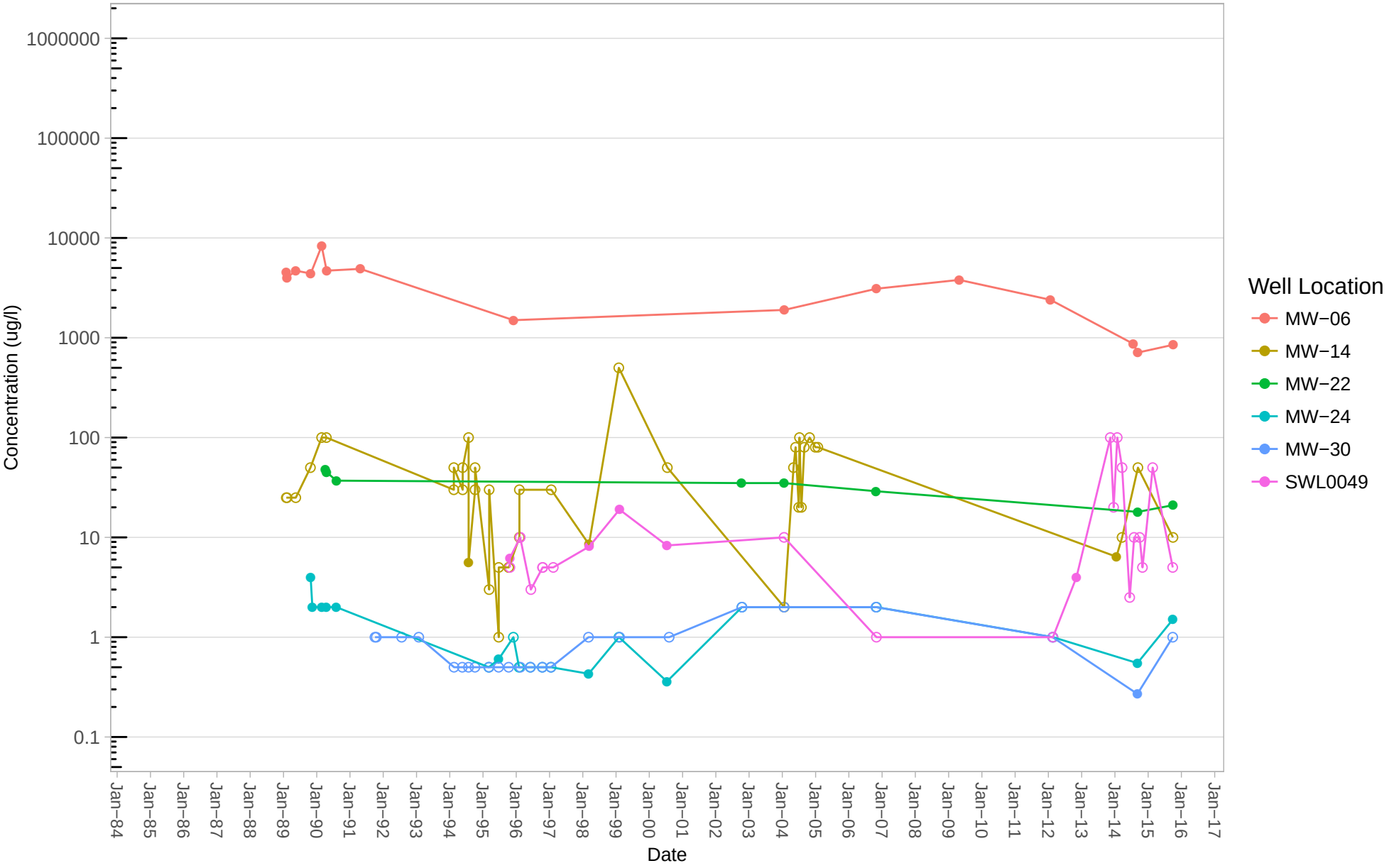


Notes: Nondetects reported as white circles at the reporting limit

Graph E−19 − Chloroform
Time vs Concentration Plot, North of Montrose Property, Water Table
Montrose Superfund Site

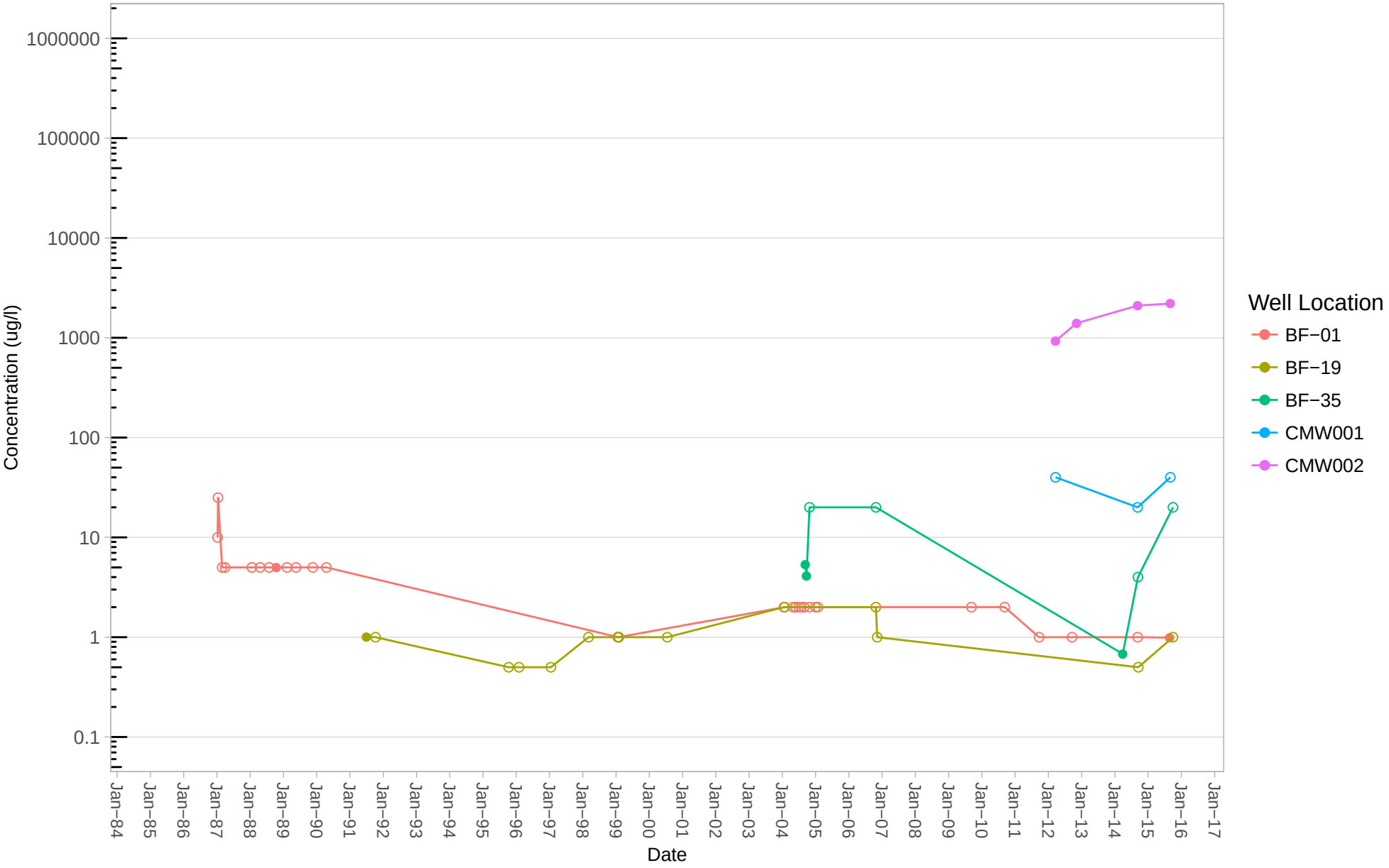
Notes: Nondetects reported as white circles at the reporting limit

Graph E−20 − Chloroform
Time vs Concentration Plot, South of Montrose Property, Water Table
Montrose Superfund Site



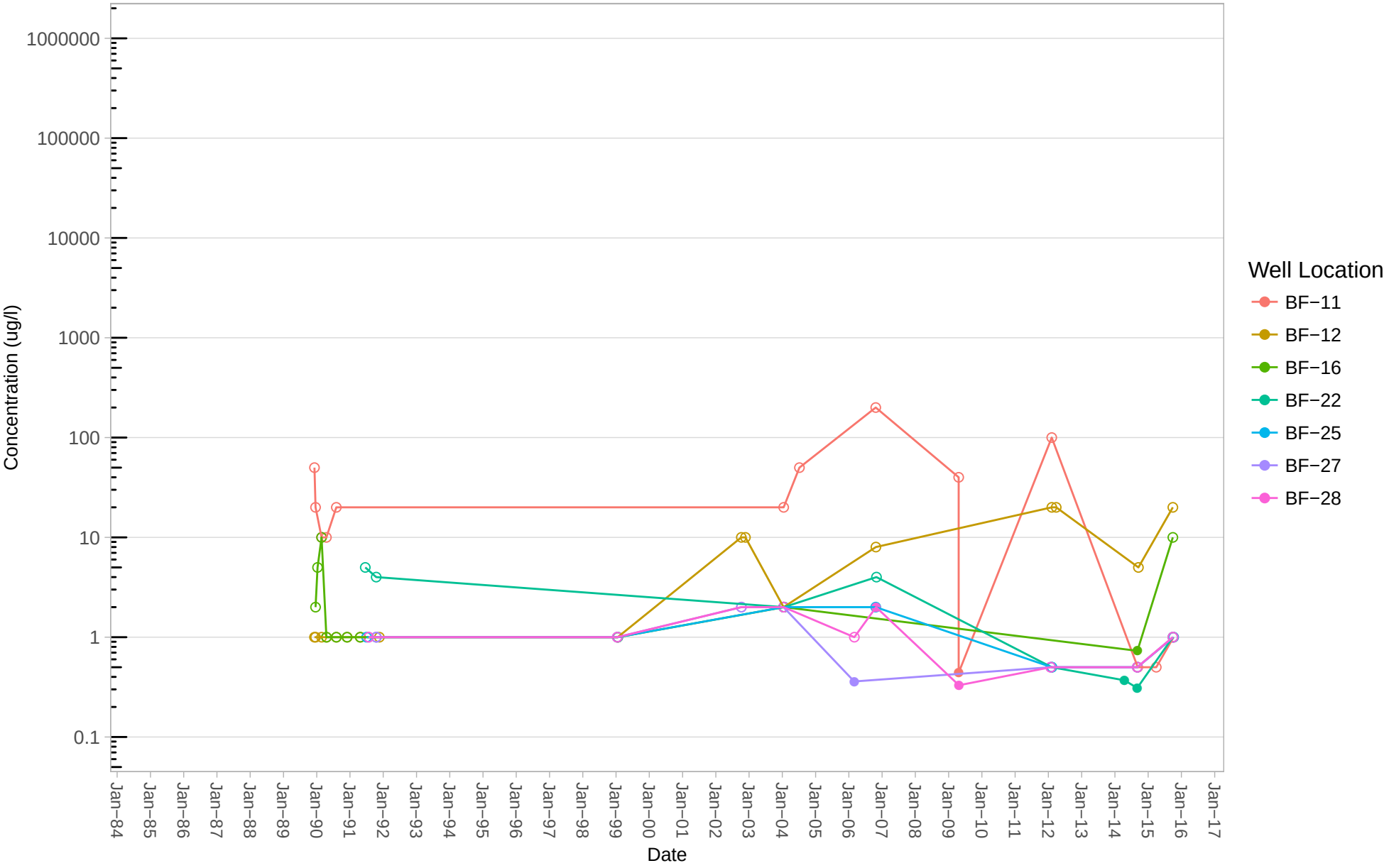
Notes: Nondetects reported as white circles at the reporting limit

Graph E−21 − Chloroform
Time vs Concentration Plot, North of Montrose Property, MBFC Aquifer
Montrose Superfund Site



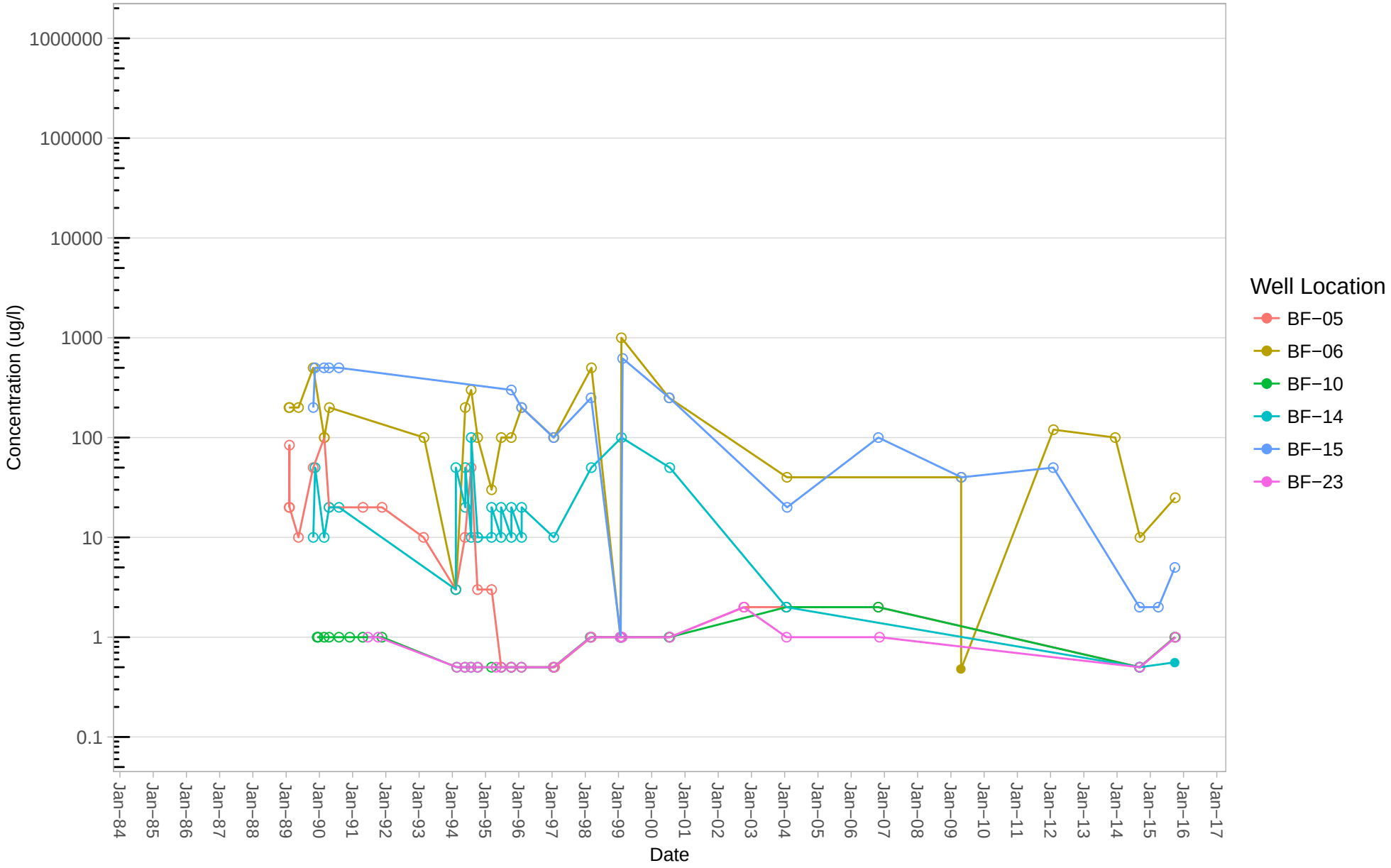
Notes: Nondetects reported as white circles at the reporting limit

Graph E−22 − Chloroform
Time vs Concentration Plot, South of Montrose Property, MBFC Aquifer
Montrose Superfund Site



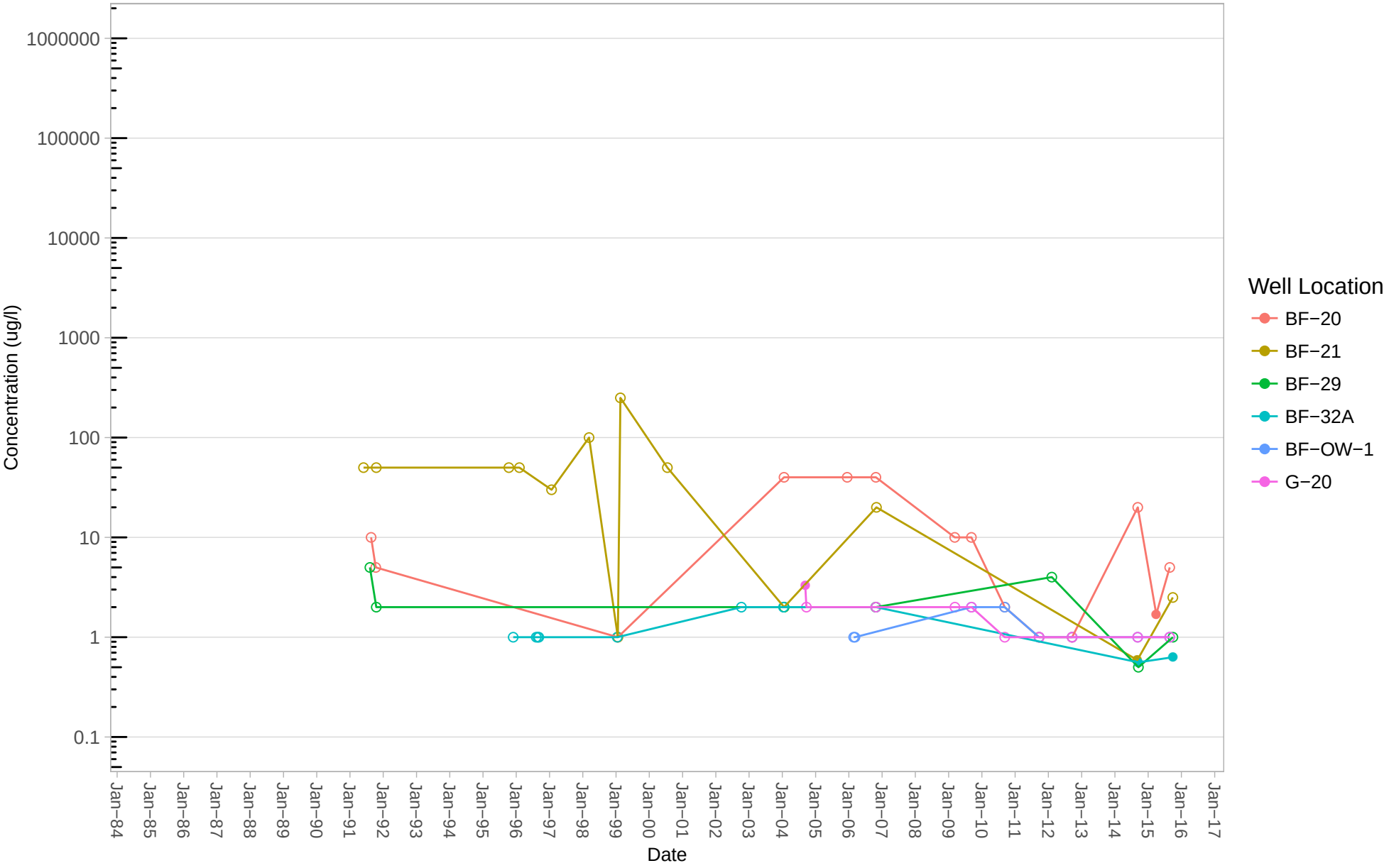
Notes: Nondetects reported as white circles at the reporting limit

Graph E−23 − Chloroform
Time vs Concentration Plot, East of Montrose Property, MBFC Aquifer
Montrose Superfund Site



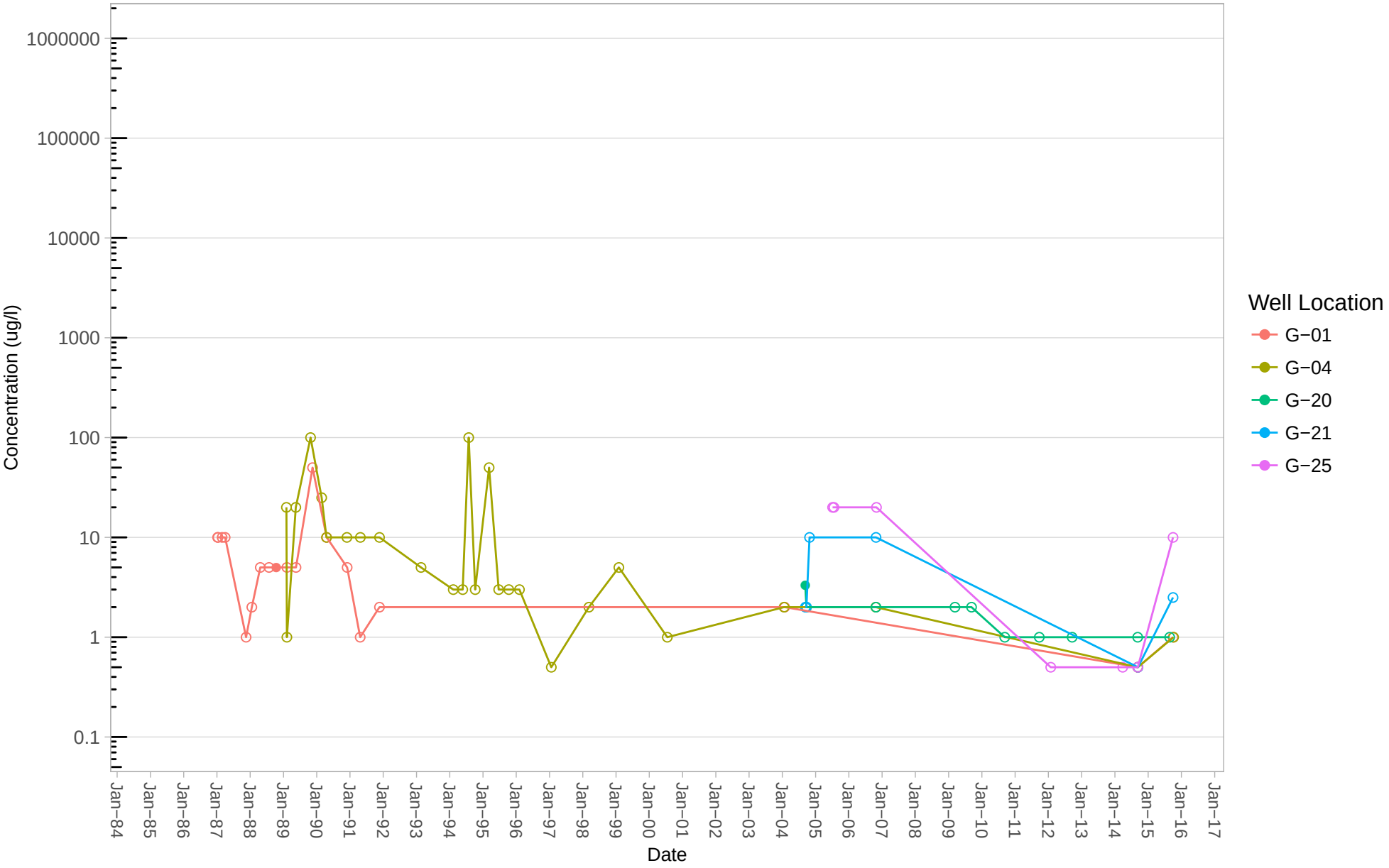
Notes: Nondetects reported as white circles at the reporting limit

Graph E−24 − Chloroform
Time vs Concentration Plot, West of Montrose Property, MBFC Aquifer
Montrose Superfund Site



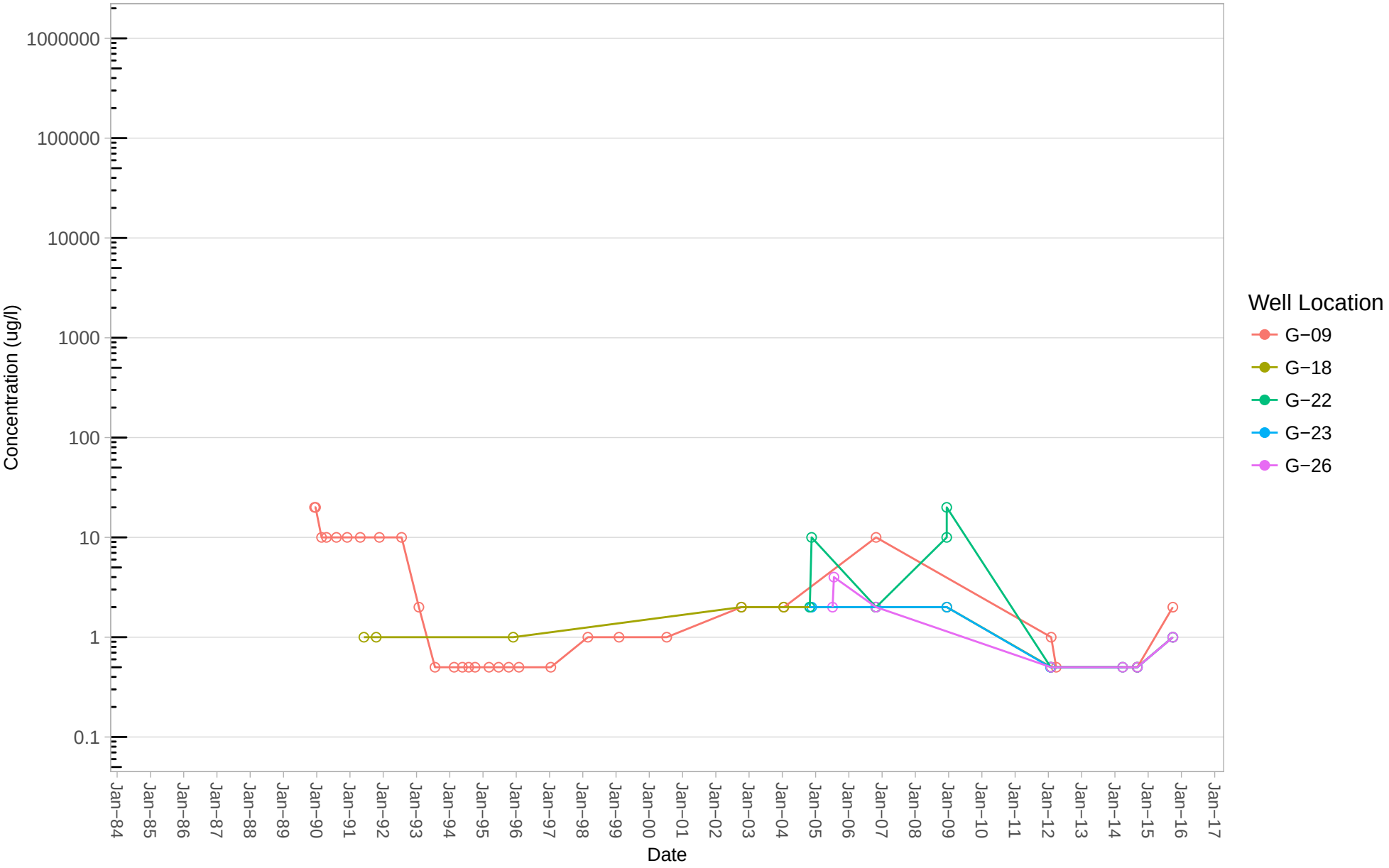
Notes: Nondetects reported as white circles at the reporting limit

Graph E−25 − Chloroform
Time vs Concentration Plot, Northwest of Montrose Property, Gage Aquifer
Montrose Superfund Site



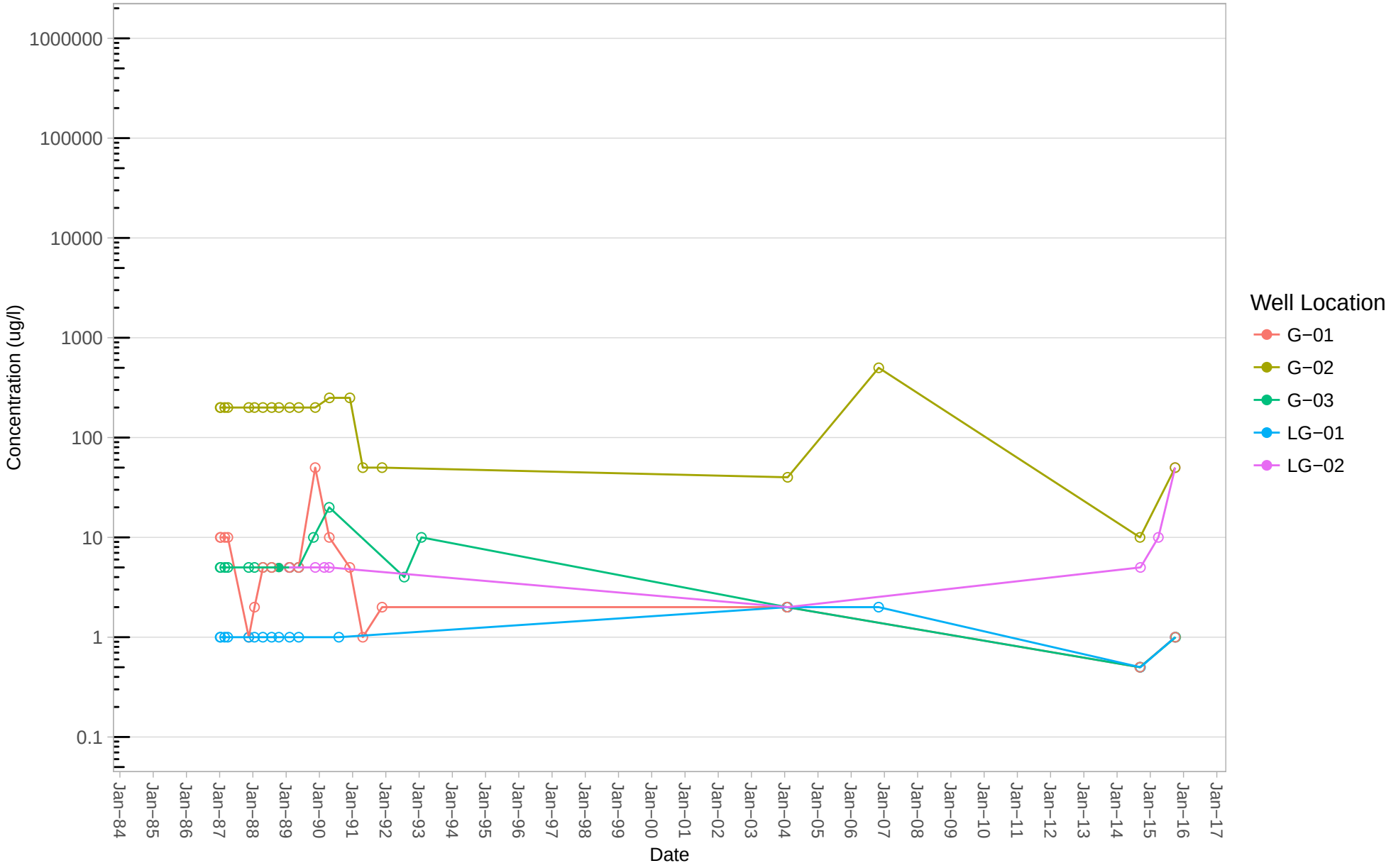
Notes: Nondetects reported as white circles at the reporting limit

Graph E−26 − Chloroform
Time vs Concentration Plot, Southeast of Montrose Property, Gage Aquifer
Montrose Superfund Site



Notes: Nondetects reported as white circles at the reporting limit

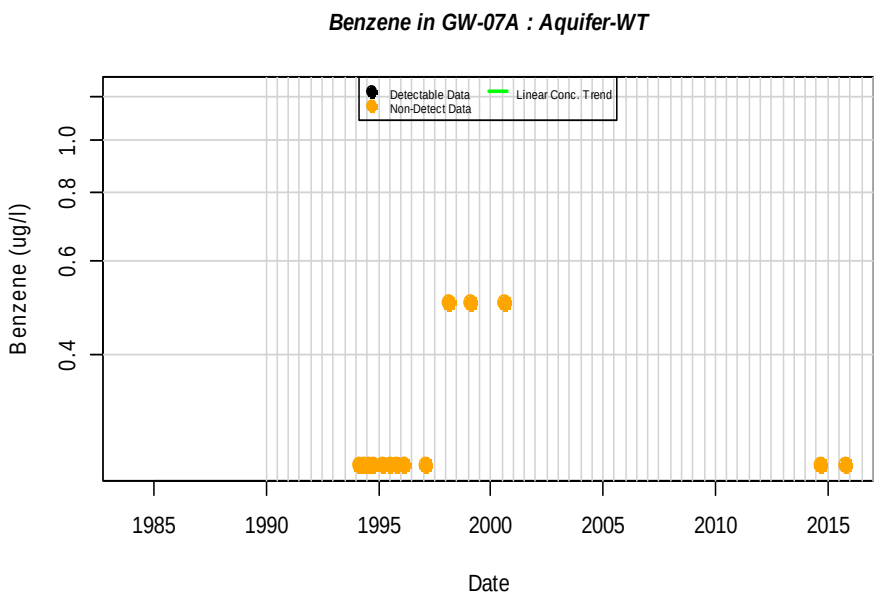
Graph E−27 − Chloroform
Time vs Concentration Plot, Montrose Property, Gage Aquifer
Montrose Superfund Site

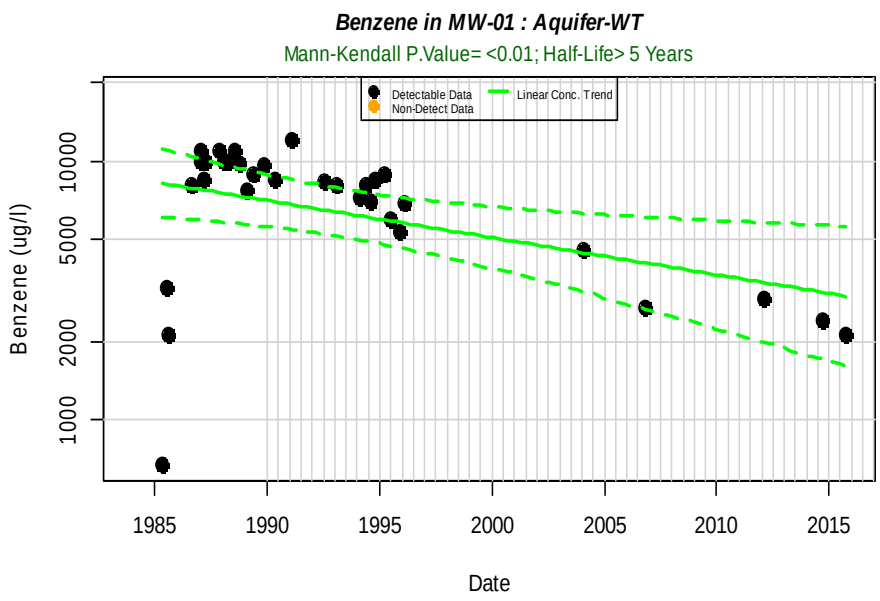


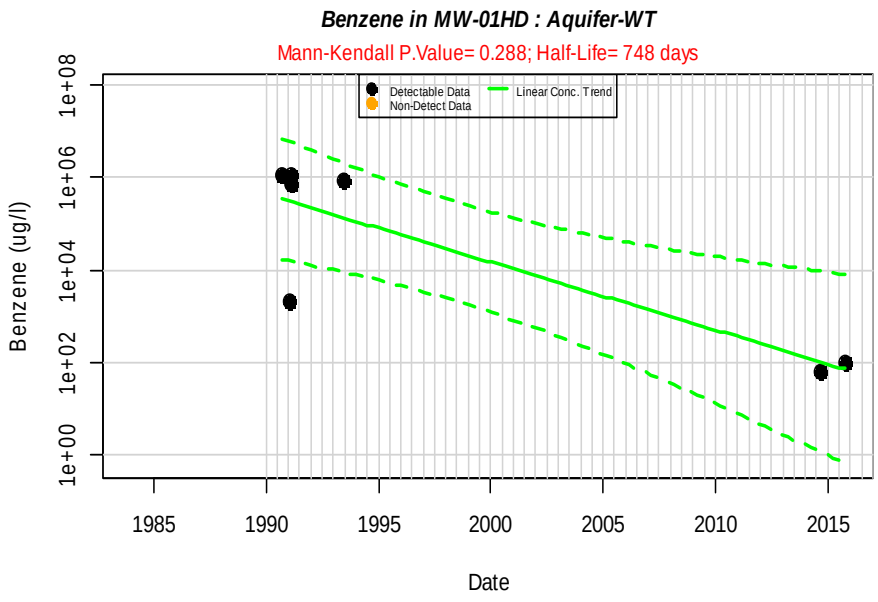
Notes: Nondetects reported as white circles at the reporting limit

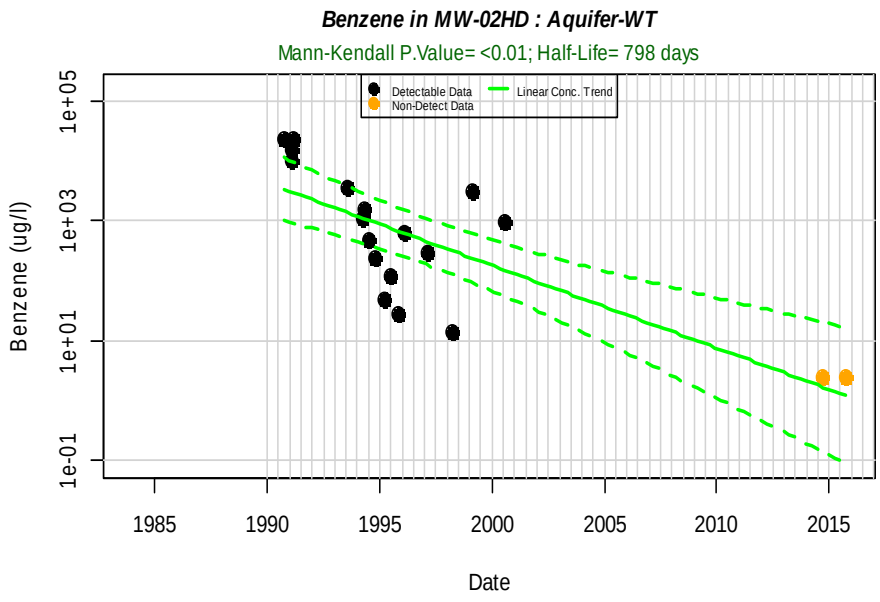
APPENDIX F

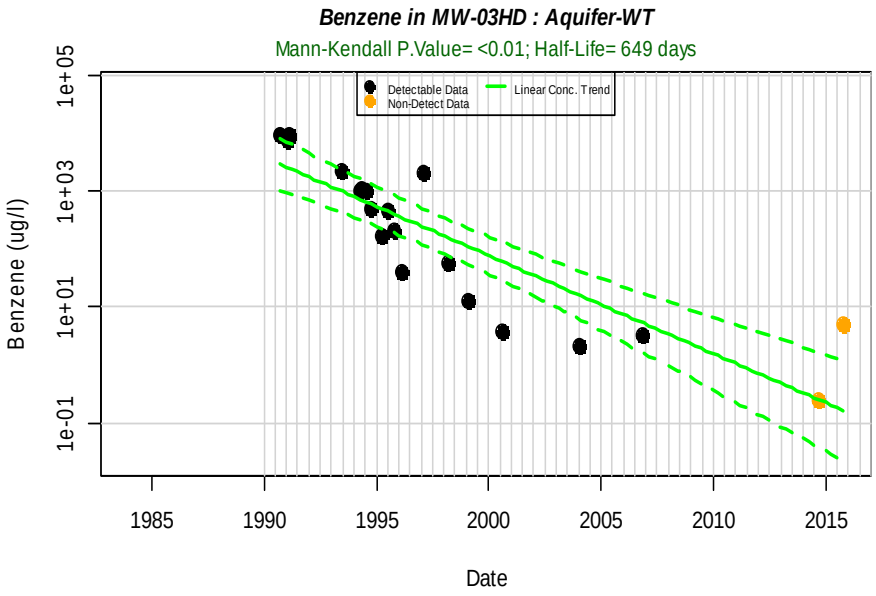
BENZENE GRAPHS

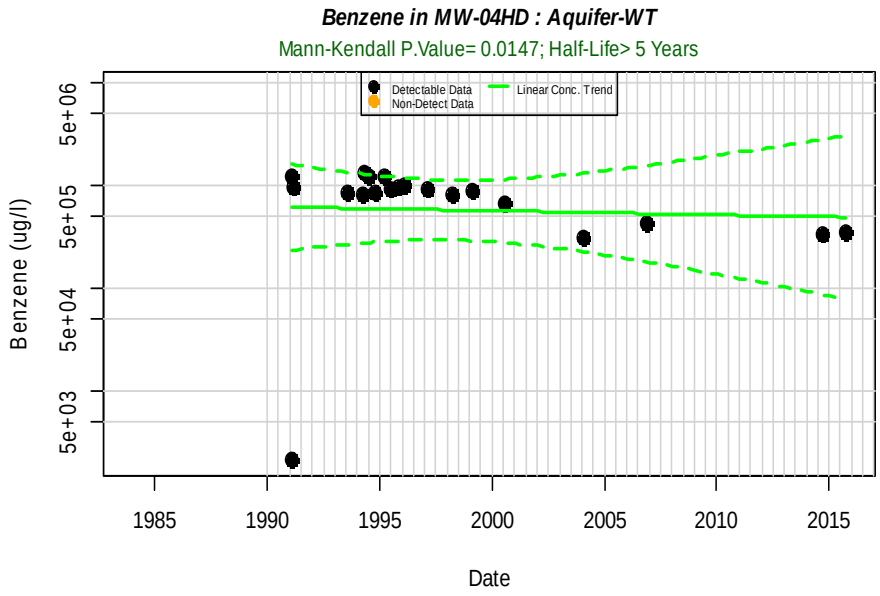

Benzene in GW-07A : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

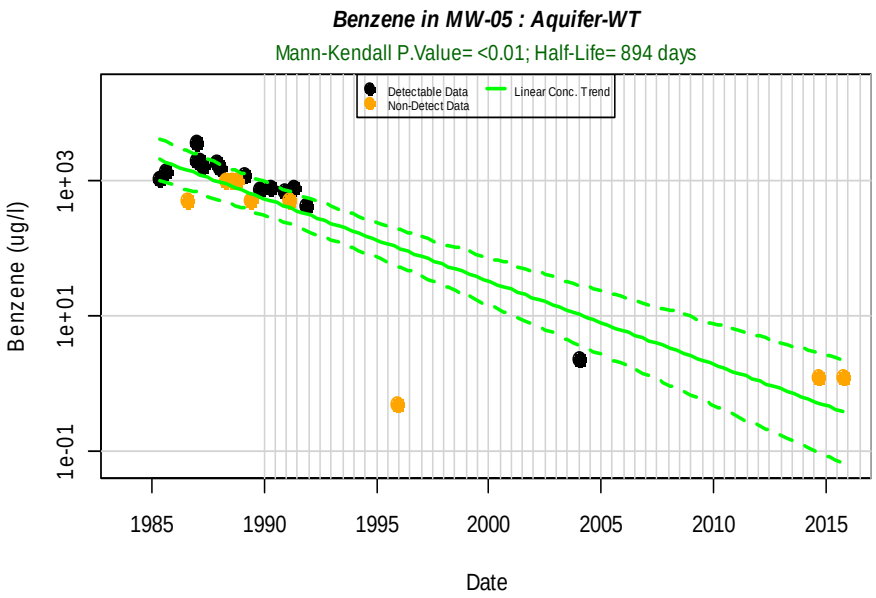

Benzene in MW-01 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1000
2000
5000
10000
1985
1990
1995
2000
2005
2010
2015
Date

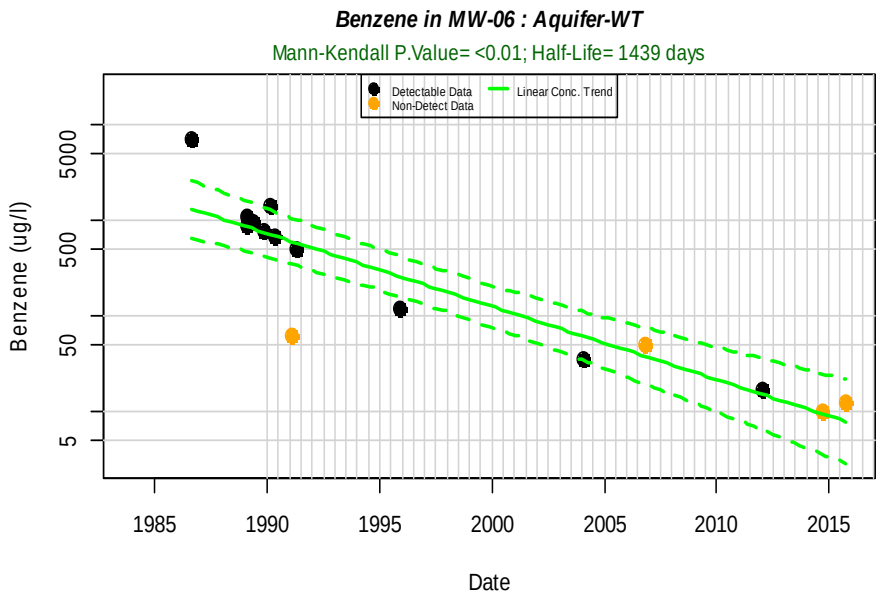

Benzene in MW-01HD : Aquifer-WT
Mann-Kendall P.Value= 0.288; Half-Life= 748 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1e+08
1985
1990
1995
2000
2005
2010
2015
Date

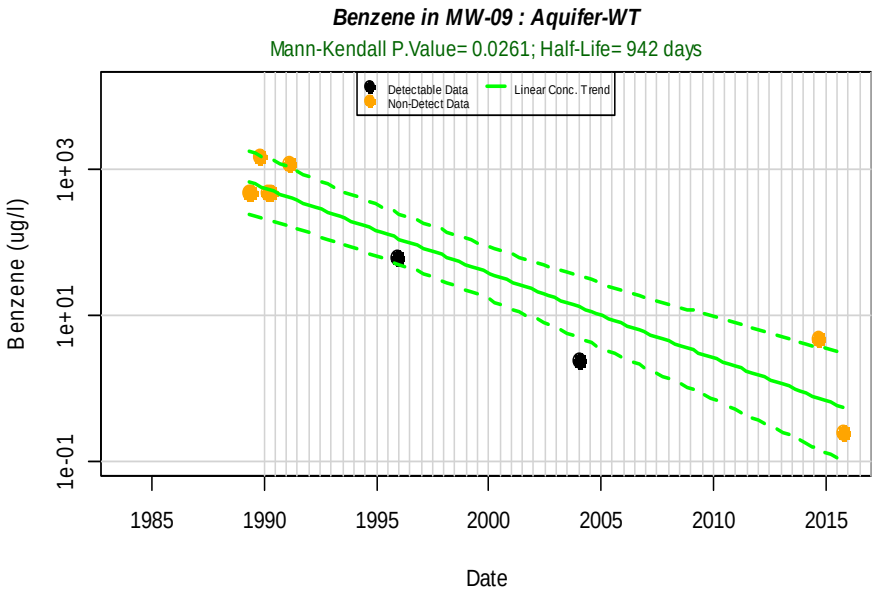

Benzene in MW-02HD : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 798 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

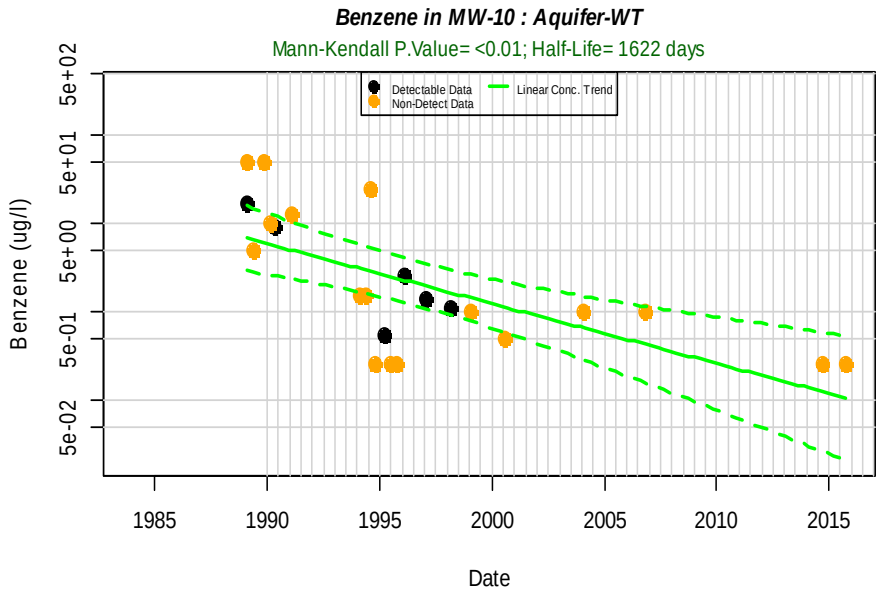

Benzene in MW-03HD : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 649 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+05
1e+03
1e+01
1e-01
1985
1990
1995
2000
2005
2010
2015
Date

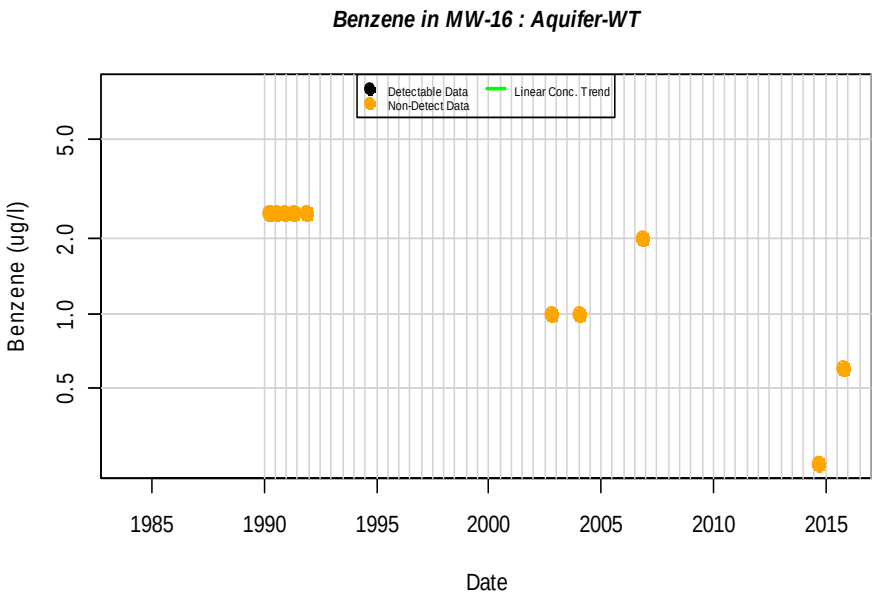

Benzene in MW-04HD : Aquifer-WT
Mann-Kendall P.Value= 0.0147; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e+06
5e+05
5e+04
5e+03
1985
1990
1995
2000
2005
2010
2015
Date

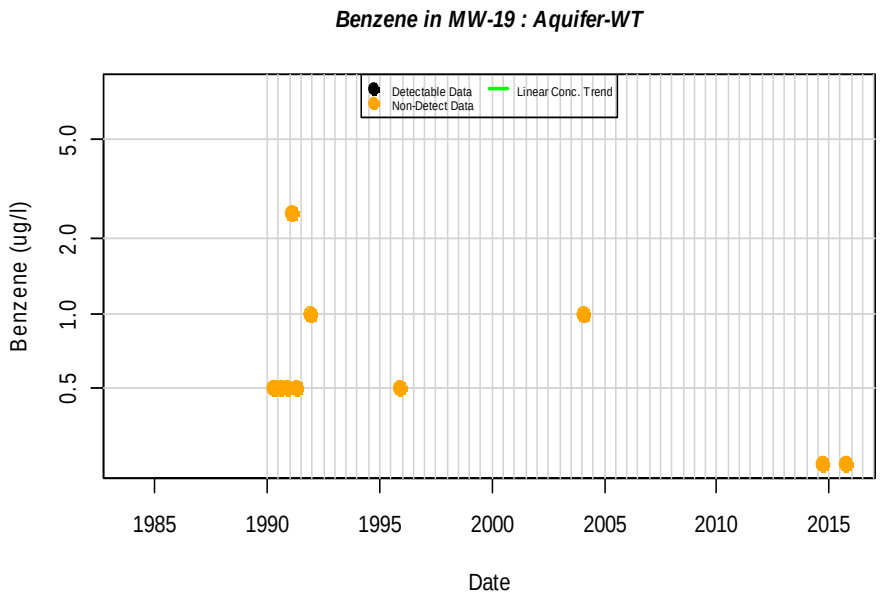

Benzene in MW-05 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 894 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+03
1e+01
1e-01
1985
1990
1995
2000
2005
2010
2015
Date

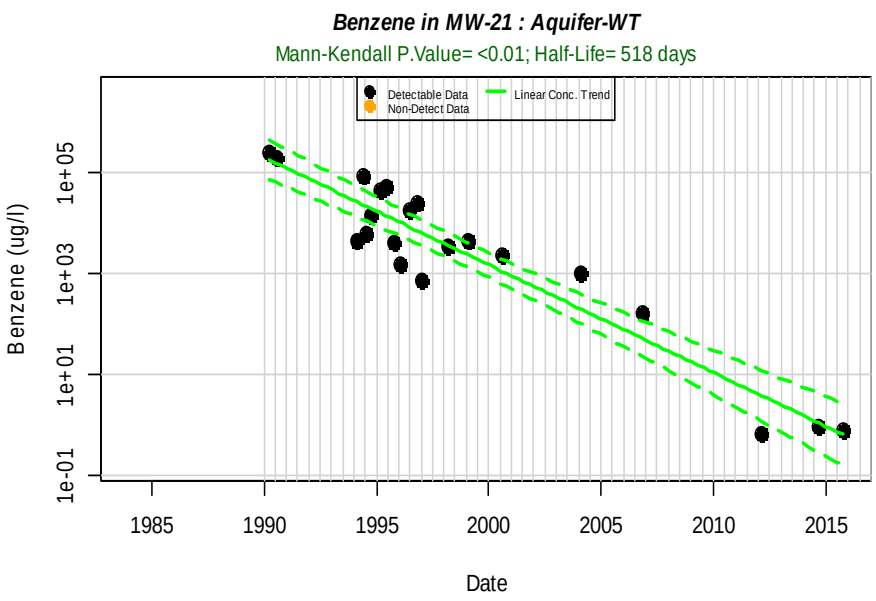

Benzene in MW-06 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1439 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5000
500
50
5
1985
1990
1995
2000
2005
2010
2015
Date

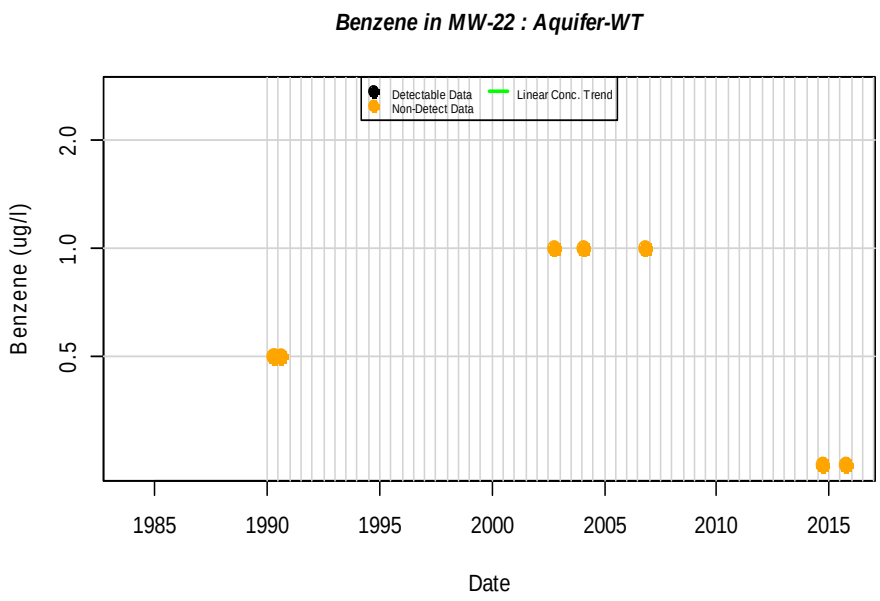

Benzene in MW-09 : Aquifer-WT
Mann-Kendall P.Value= 0.0261; Half-Life= 942 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

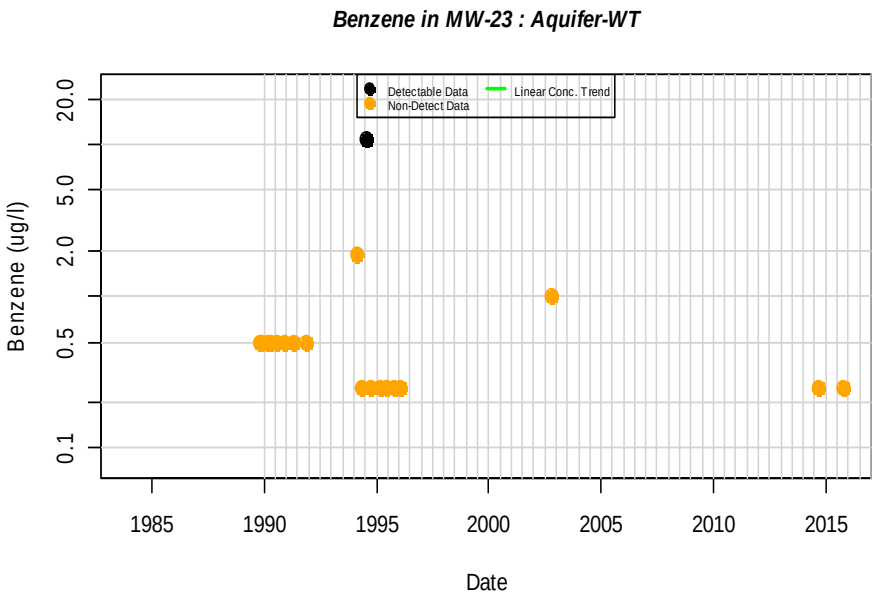

Benzene in MW-10 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1622 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

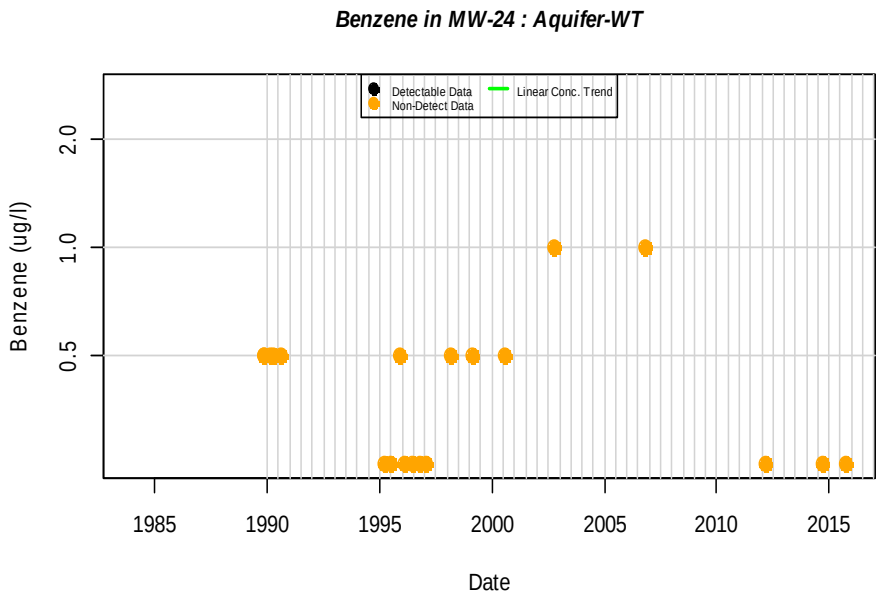

Benzene in MW-16 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

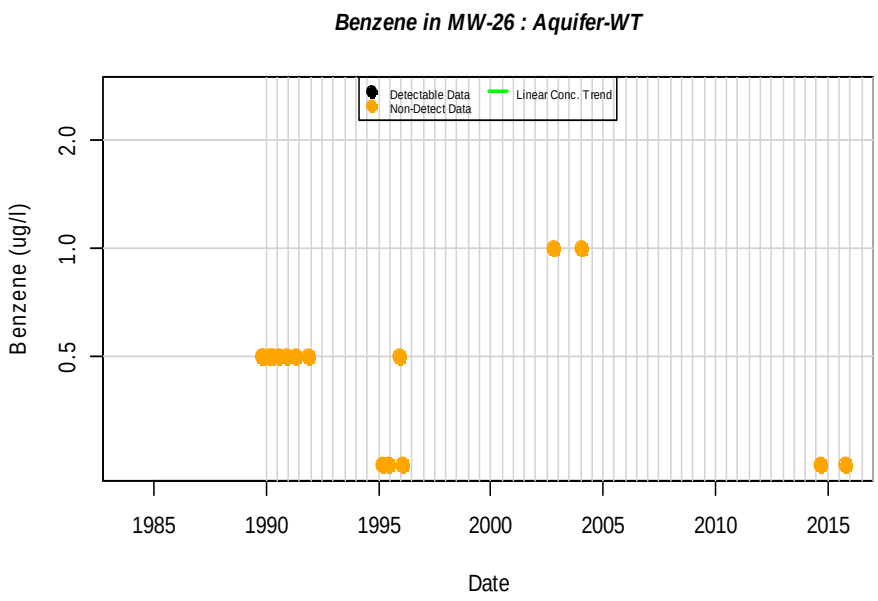

Benzene in MW-19 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

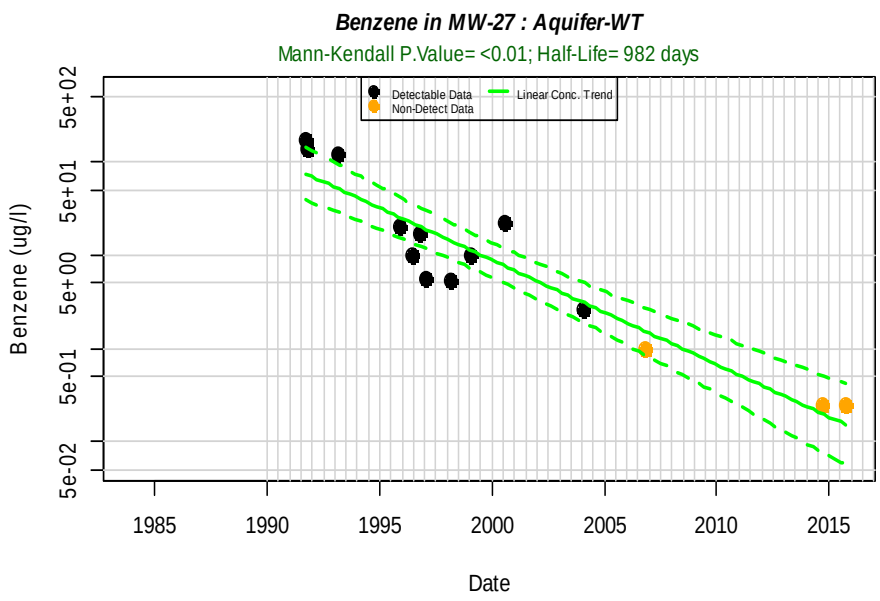

Benzene in MW-21 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 518 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

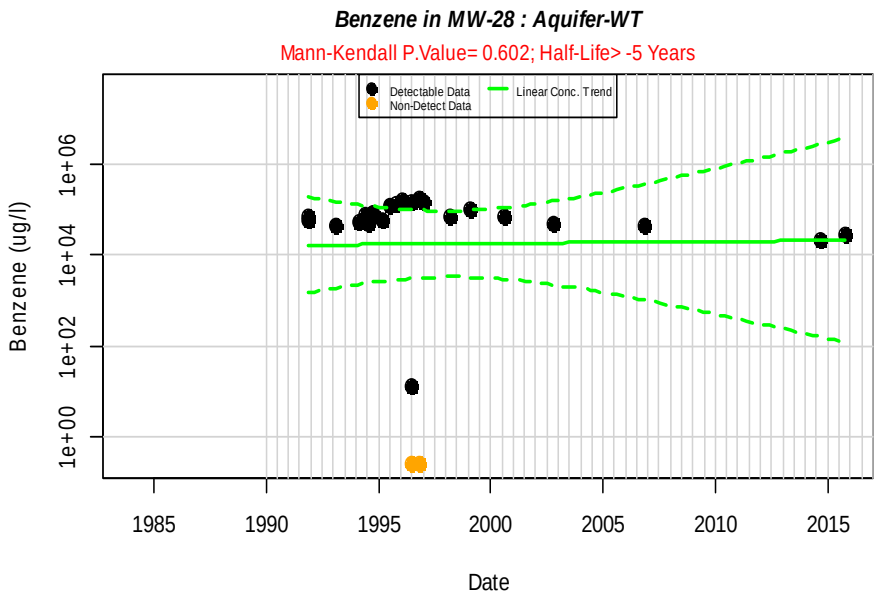

Benzene in MW-22 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

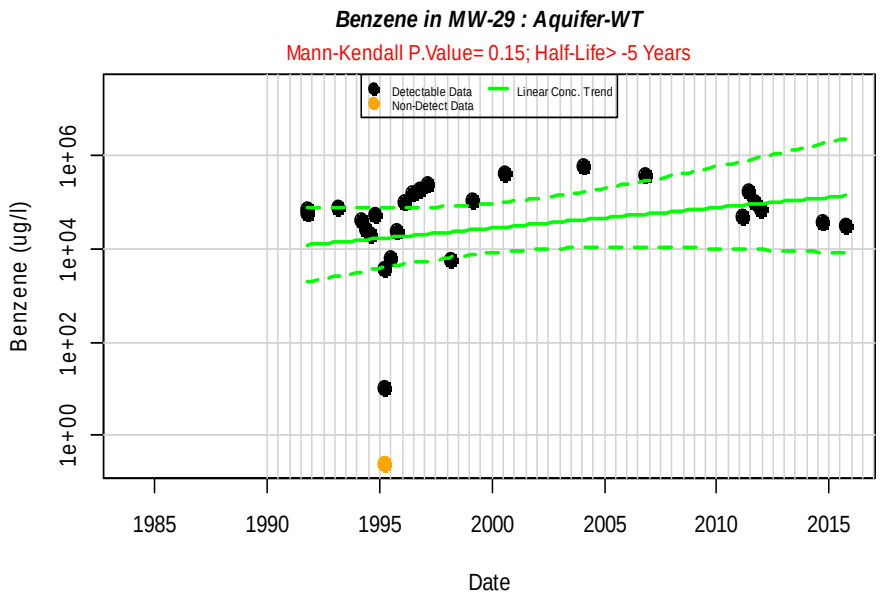

Benzene in MW-23 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

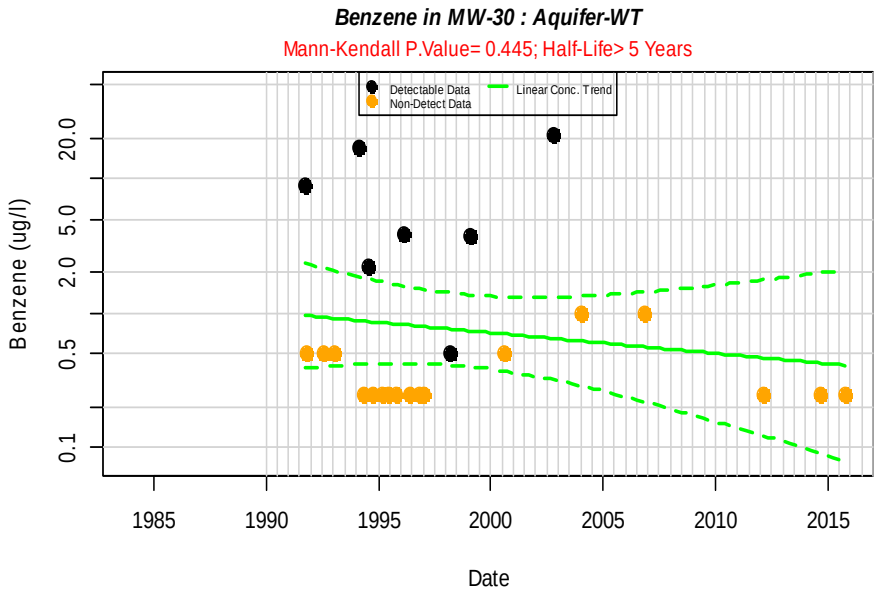

Benzene in MW-24 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

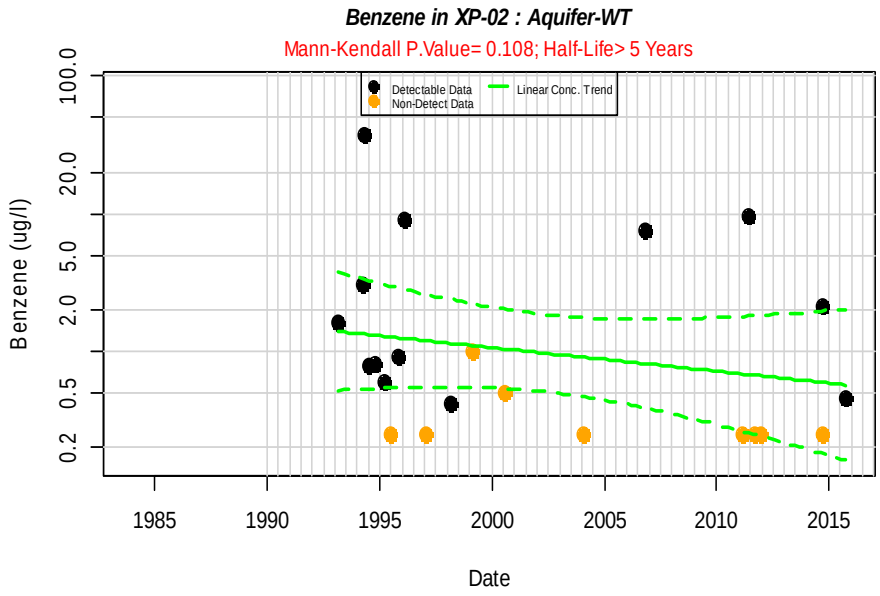

Benzene in MW-26 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

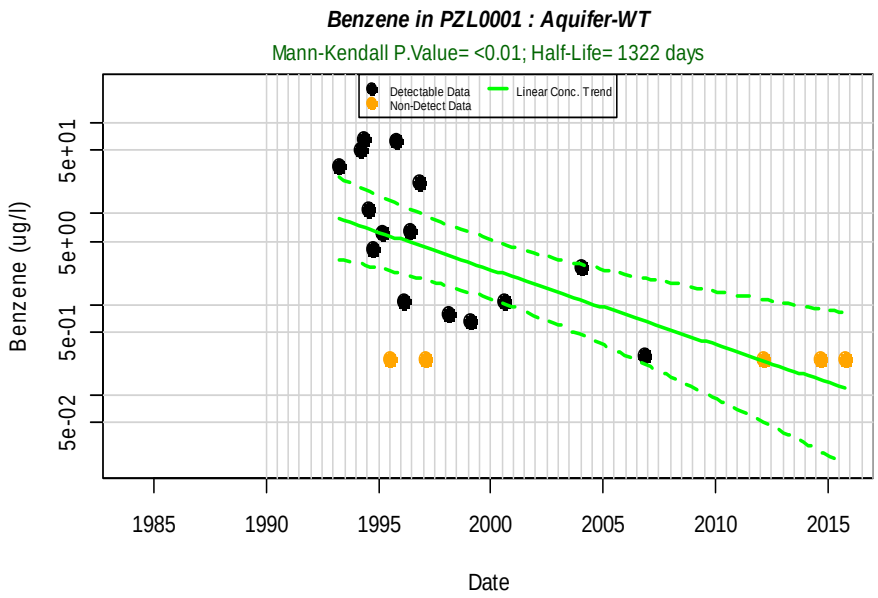

Benzene in MW-27 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 982 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

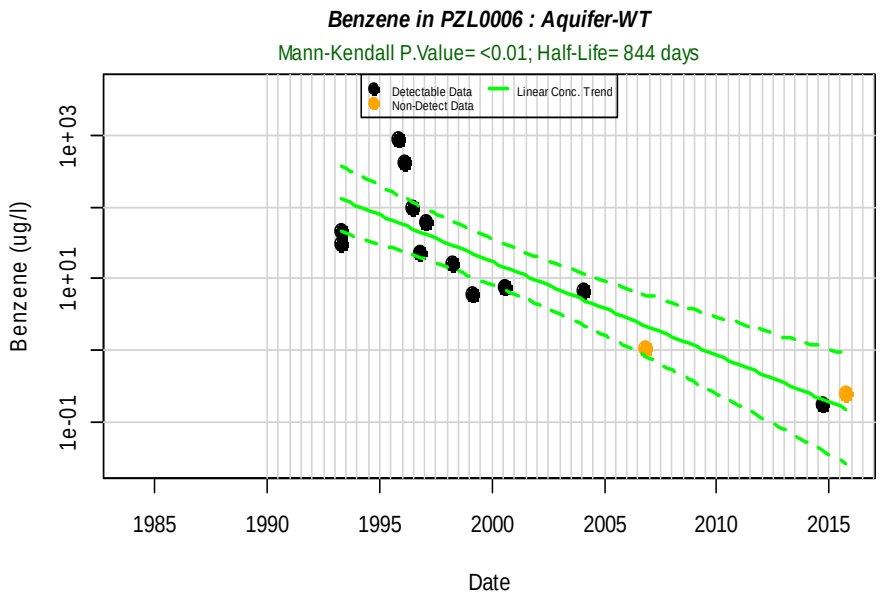

Benzene in MW-28 : Aquifer-WT
Mann-Kendall P.Value= 0.602; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

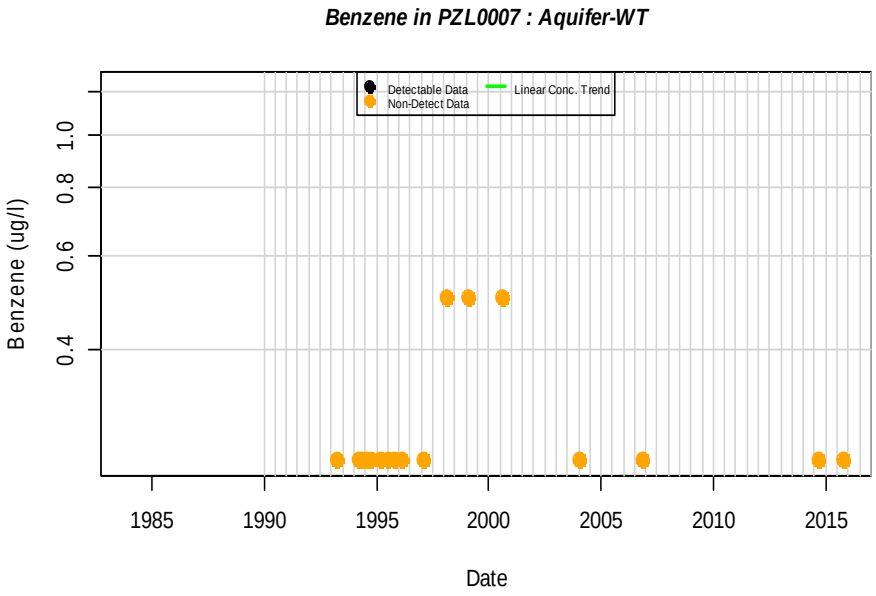

Benzene in MW-29 : Aquifer-WT
Mann-Kendall P.Value= 0.15; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

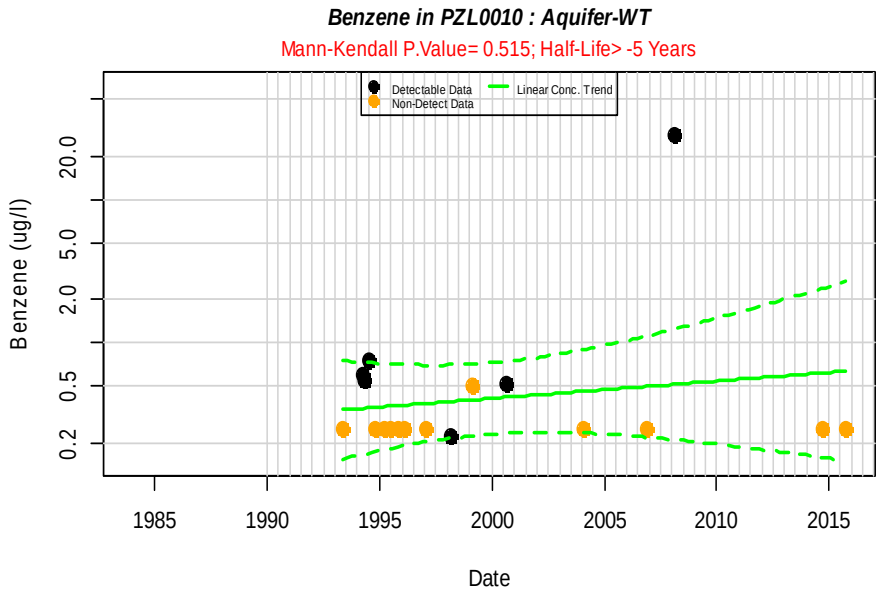

Benzene in MW-30 : Aquifer-WT
Mann-Kendall P.Value= 0.445; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

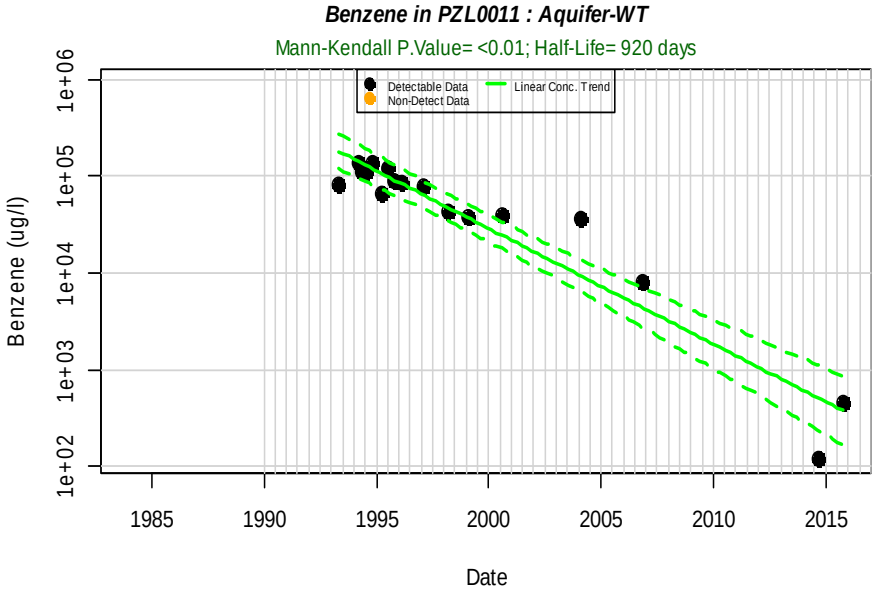

Benzene in XP-02 : Aquifer-WT
Mann-Kendall P.Value= 0.108; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

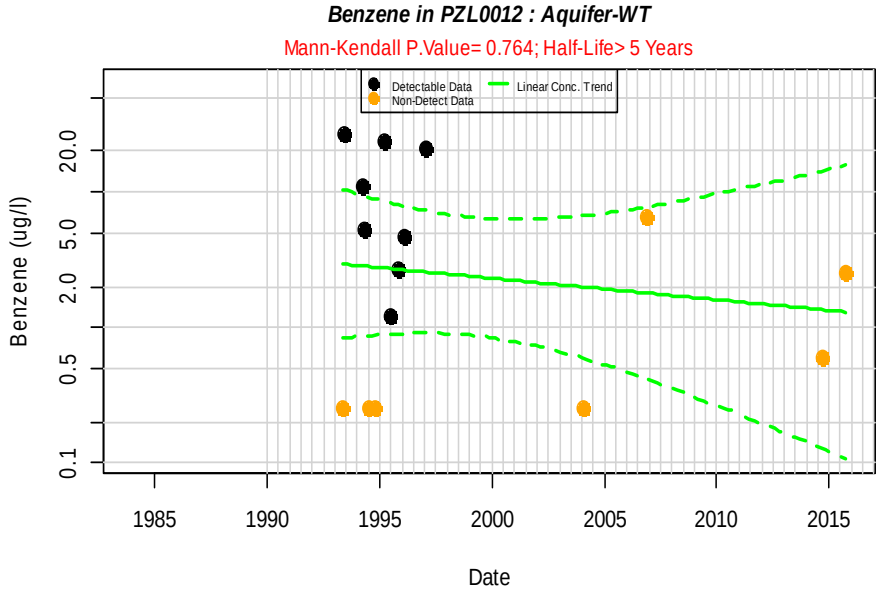

Benzene in PZL0001 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1322 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
1985
1990
1995
2000
2005
2010
2015
Date

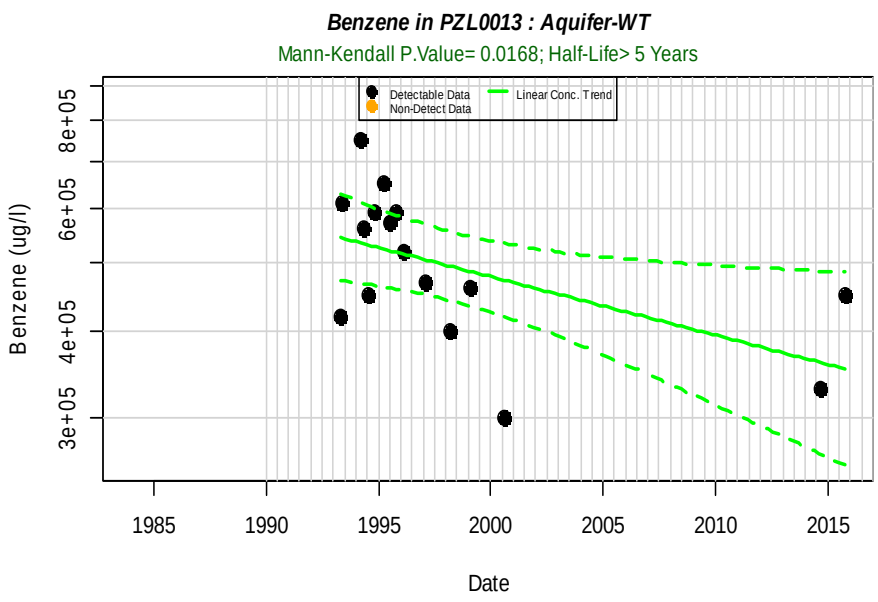

Benzene in PZL0006 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 844 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

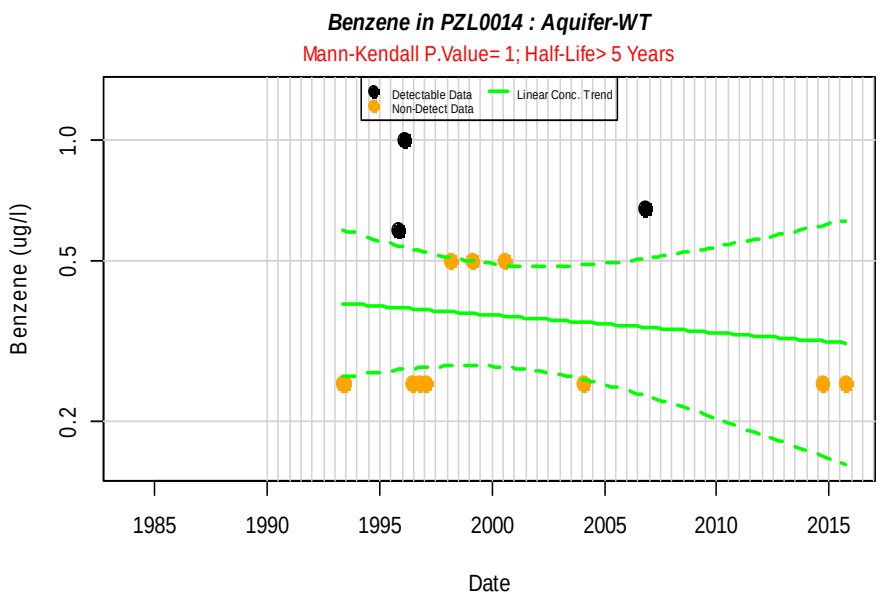

Benzene in PZL0007 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

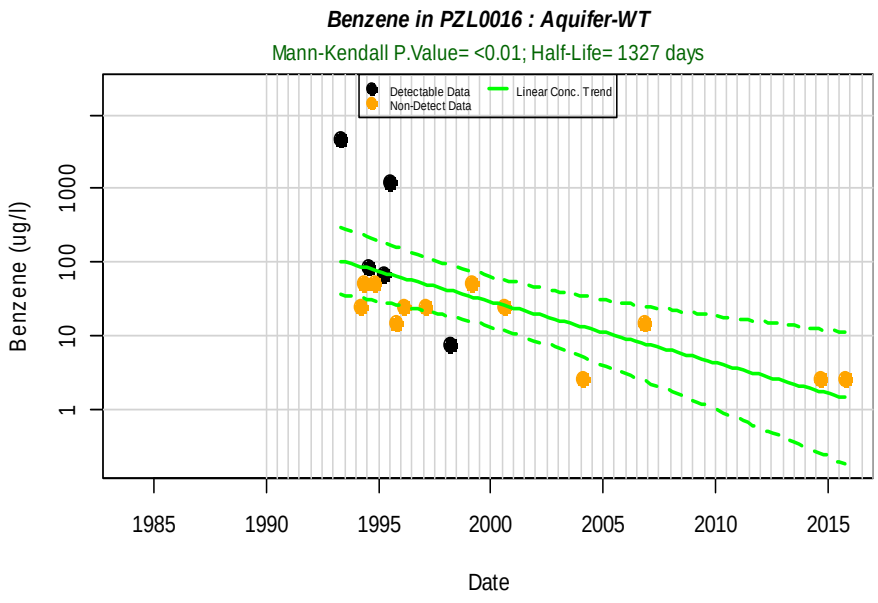

Benzene in PZL0010 : Aquifer-WT
Mann-Kendall P.Value= 0.515; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

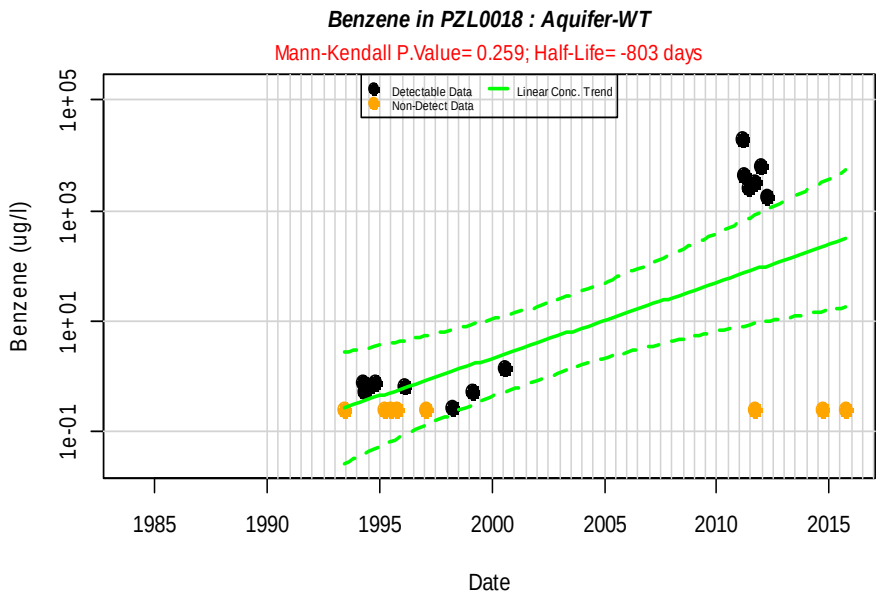

Benzene in PZL0011 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 920 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+02
1e+03
1e+04
1e+05
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

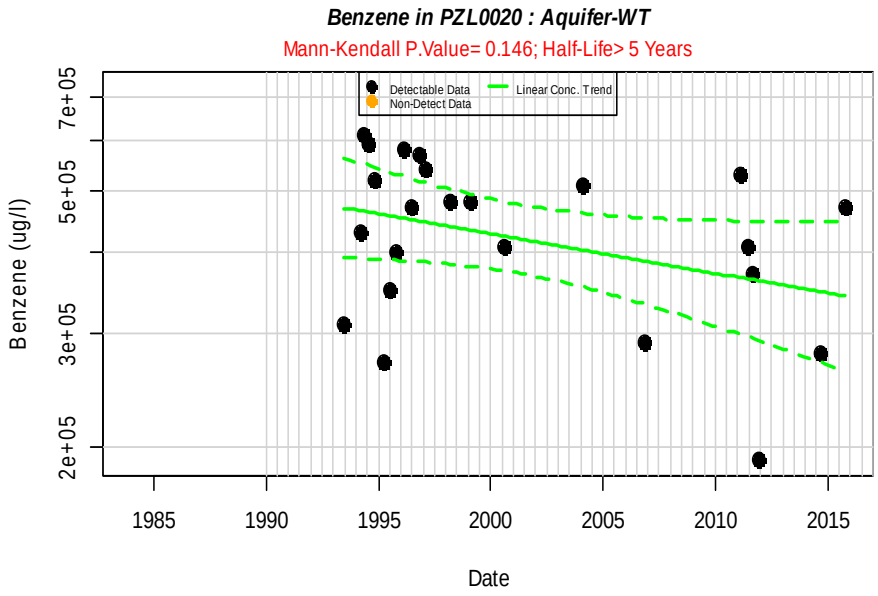

Benzene in PZL0012 : Aquifer-WT
Mann-Kendall P.Value= 0.764; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

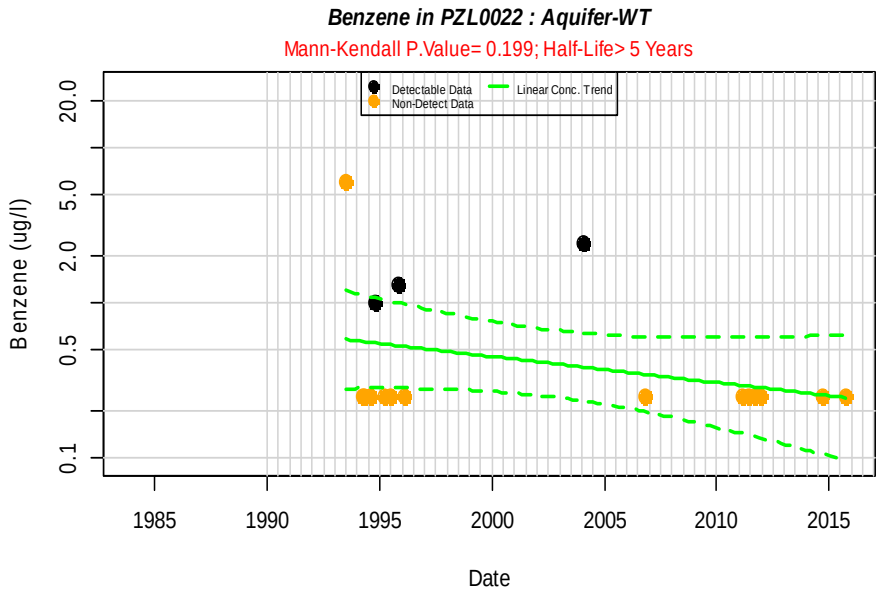

Benzene in PZL0013 : Aquifer-WT
Mann-Kendall P.Value= 0.0168; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
3e+05
4e+05
6e+05
8e+05
1985
1990
1995
2000
2005
2010
2015
Date

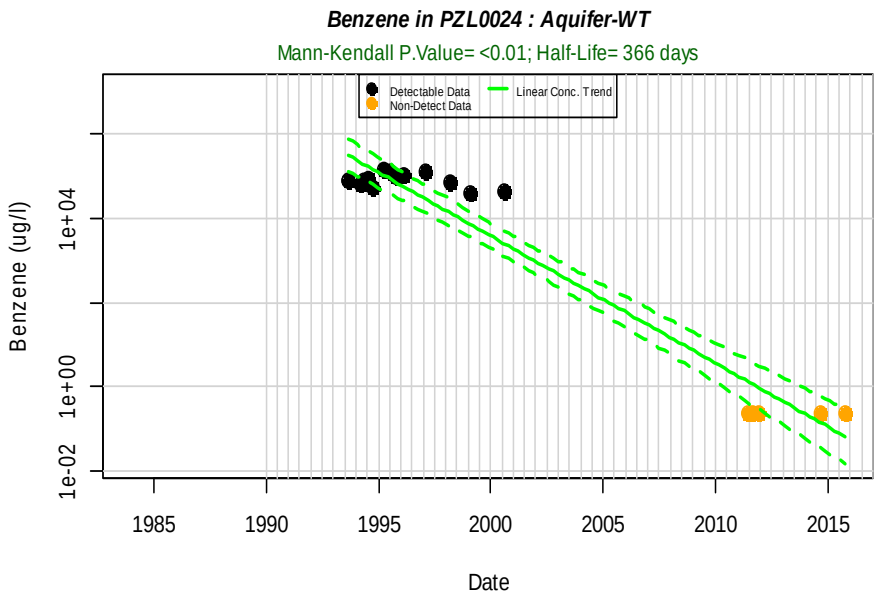

Benzene in PZL0014 : Aquifer-WT
Mann-Kendall P.Value= 1; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
1.0
1985
1990
1995
2000
2005
2010
2015
Date

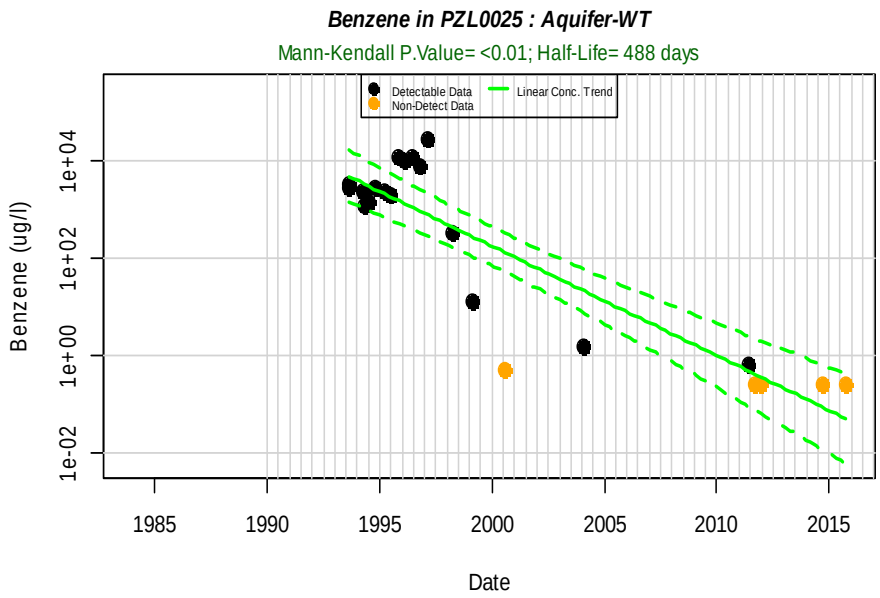

Benzene in PZL0016 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1327 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

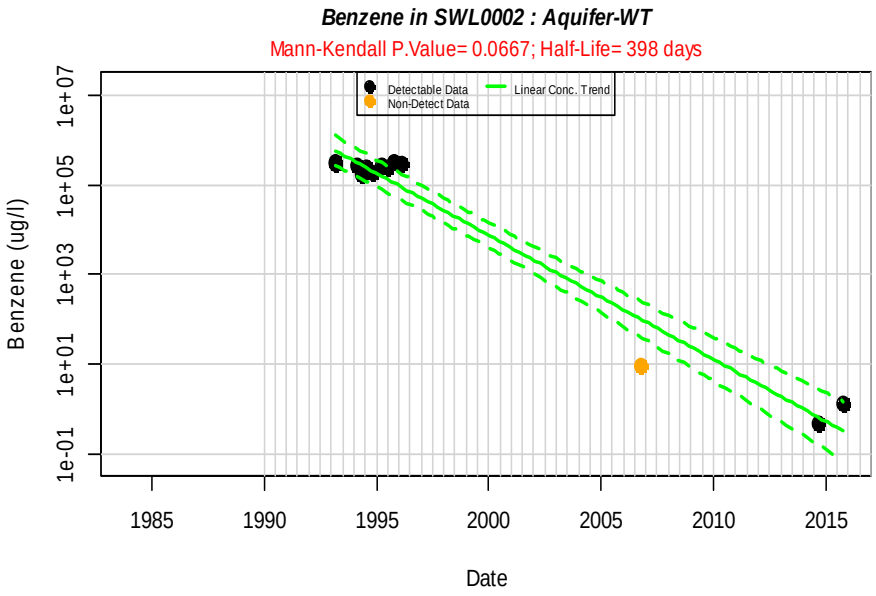

Benzene in PZL0018 : Aquifer-WT
Mann-Kendall P.Value= 0.259; Half-Life= -803 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

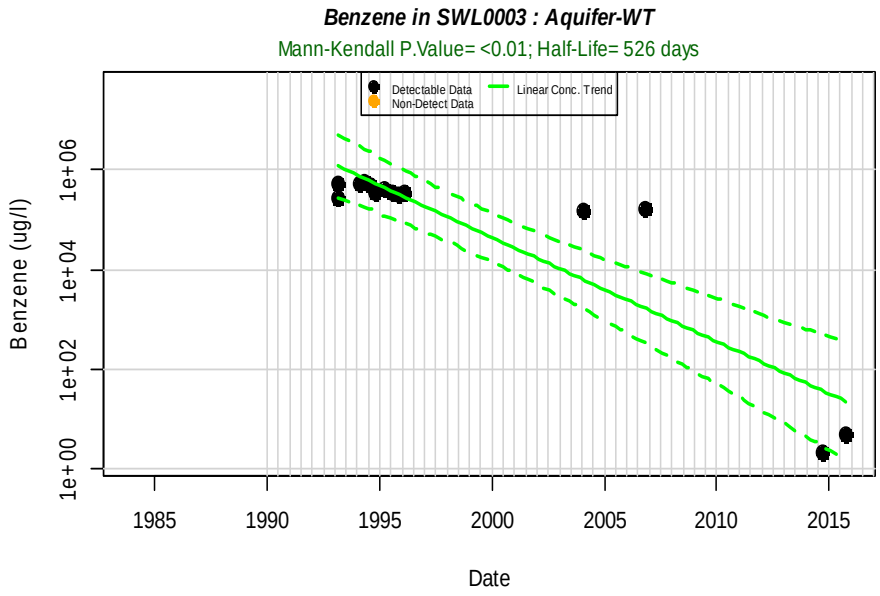

Benzene in PZL0020 : Aquifer-WT
Mann-Kendall P.Value= 0.146; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
7e+05
5e+05
3e+05
2e+05
1985
1990
1995
2000
2005
2010
2015
Date

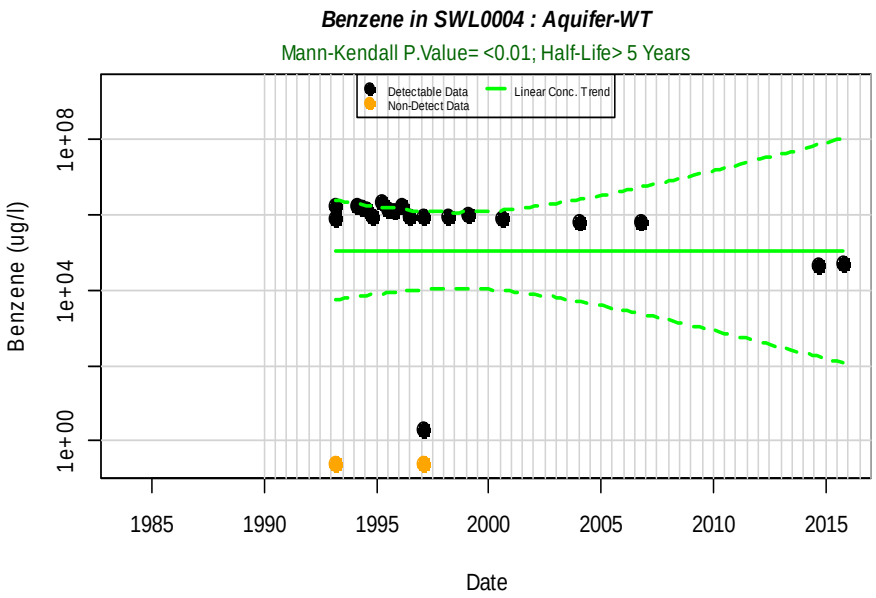

Benzene in PZL0022 : Aquifer-WT
Mann-Kendall P.Value= 0.199; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
20.0
5.0
2.0
0.5
0.1
1985
1990
1995
2000
2005
2010
2015
Date

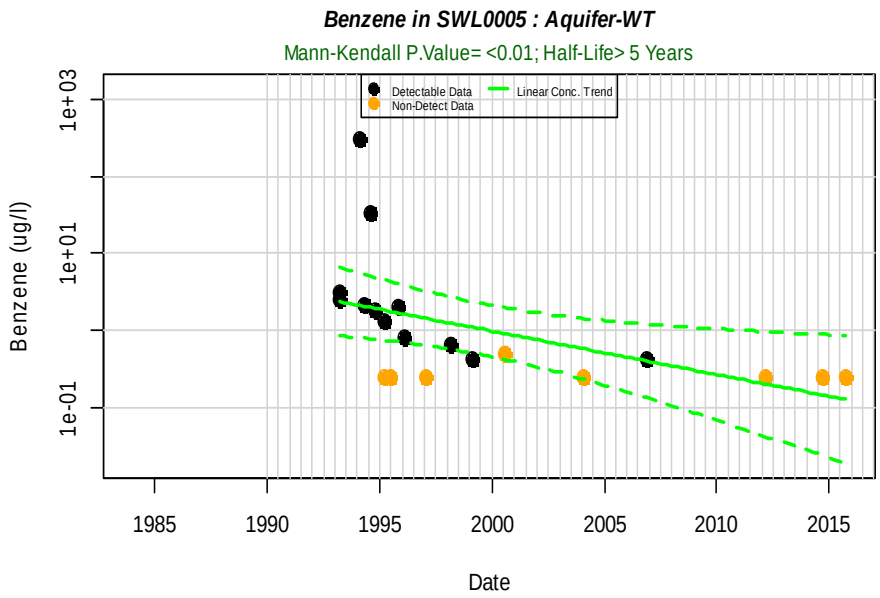

Benzene in PZL0024 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 366 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+04
1e+00
1e-02
1985
1990
1995
2000
2005
2010
2015
Date

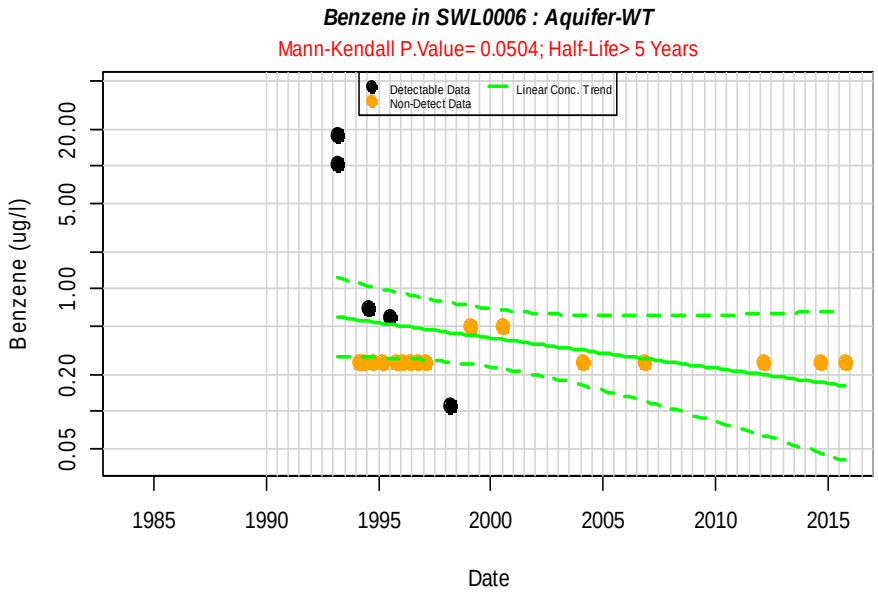

Benzene in PZL0025 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 488 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+04
1e+02
1e+00
1e-02
1985
1990
1995
2000
2005
2010
2015
Date

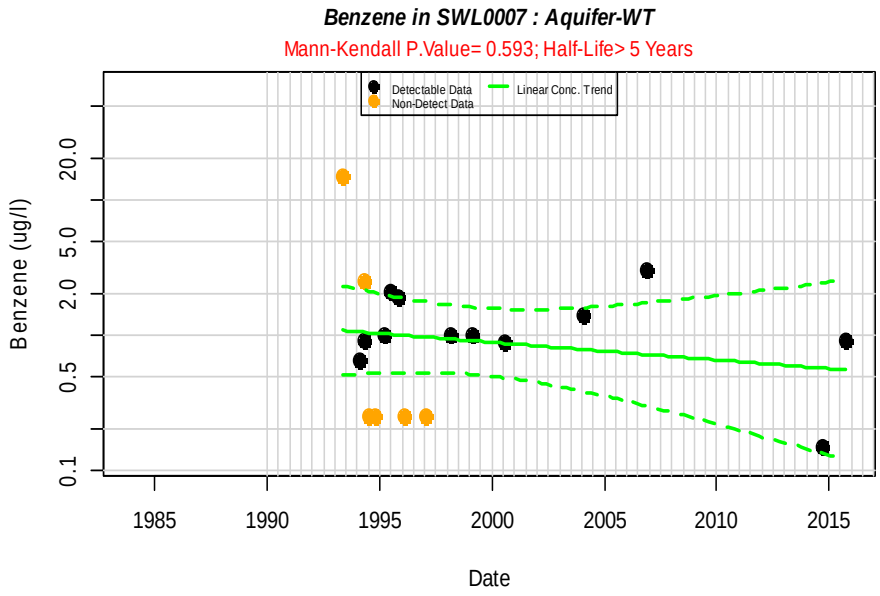

Benzene in SWL0002 : Aquifer-WT
Mann-Kendall P.Value= 0.0667; Half-Life= 398 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1e+07
1985
1990
1995
2000
2005
2010
2015
Date

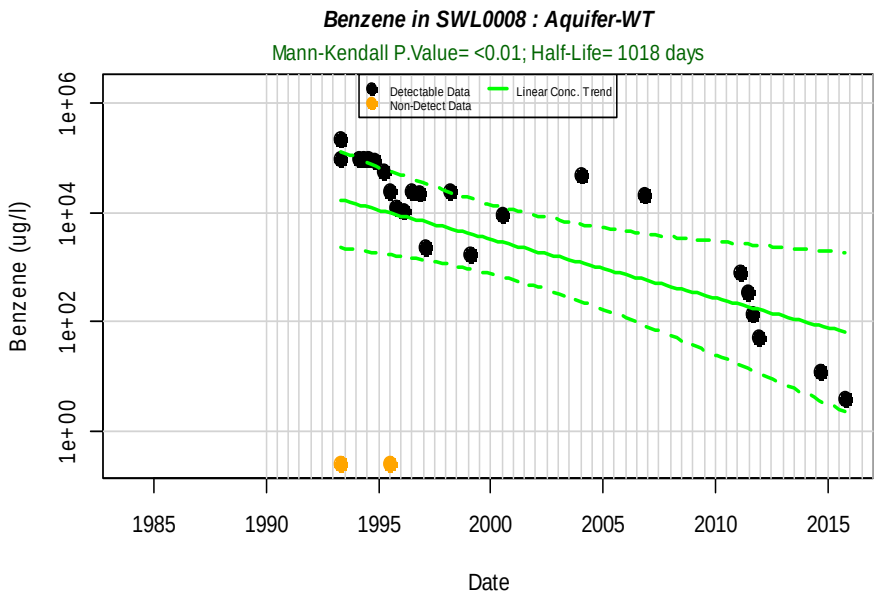

Benzene in SWL0003 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 526 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

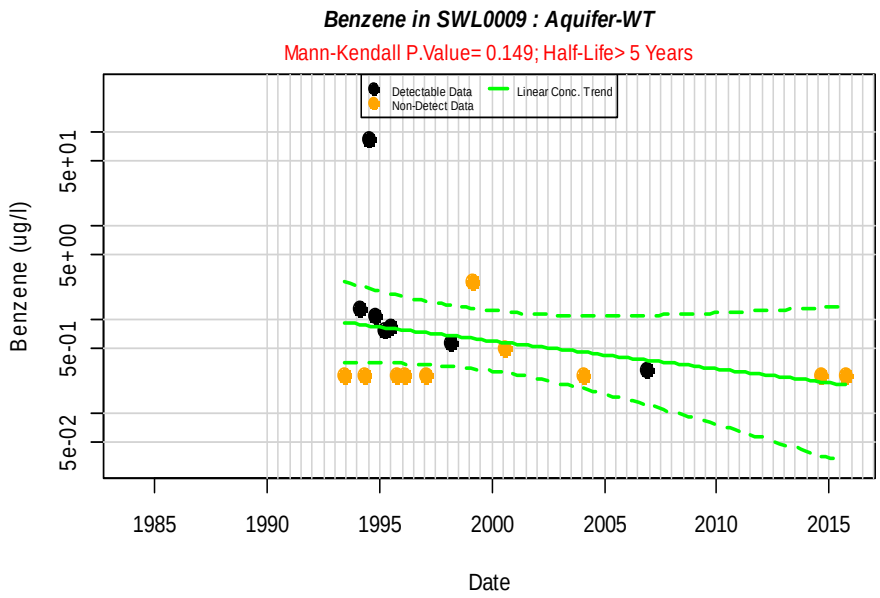

Benzene in SWL0004 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+04
1e+08
1985
1990
1995
2000
2005
2010
2015
Date

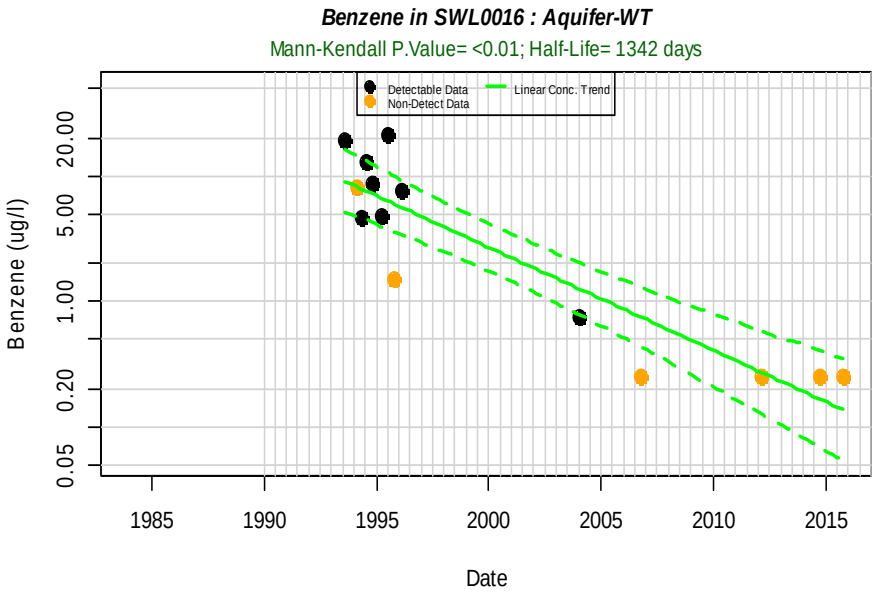

Benzene in SWL0005 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

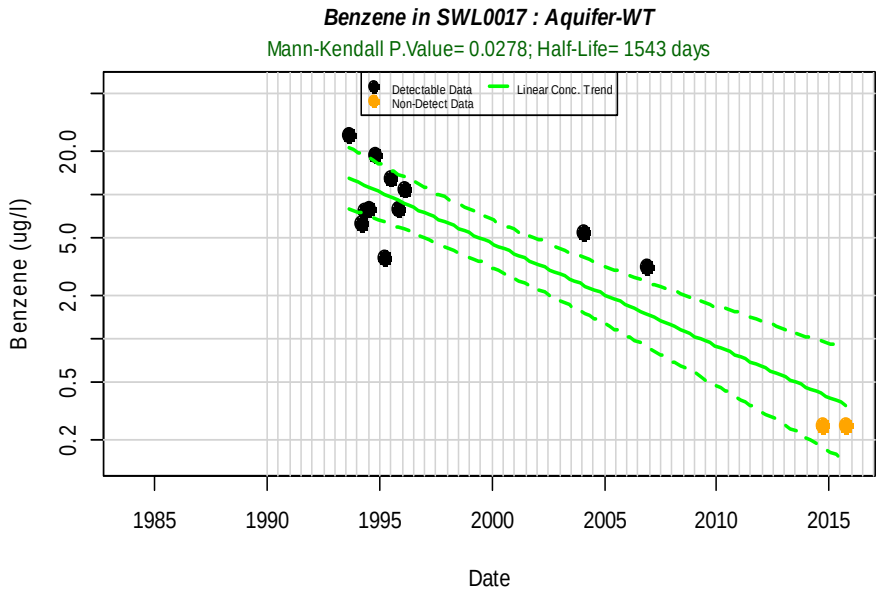

Benzene in SWL0006 : Aquifer-WT
Mann-Kendall P.Value= 0.0504; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
20.00
1985
1990
1995
2000
2005
2010
2015
Date

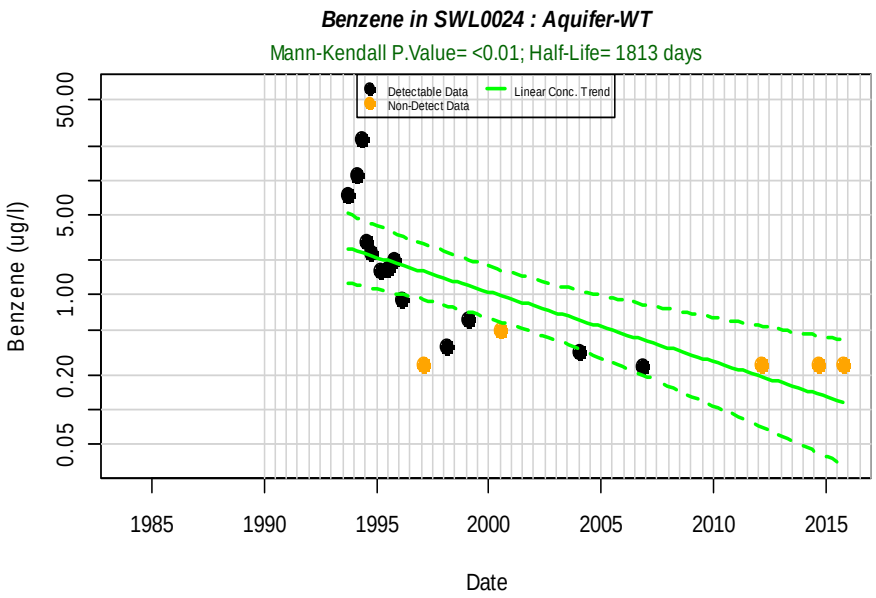

Benzene in SWL0007 : Aquifer-WT
Mann-Kendall P.Value= 0.593; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

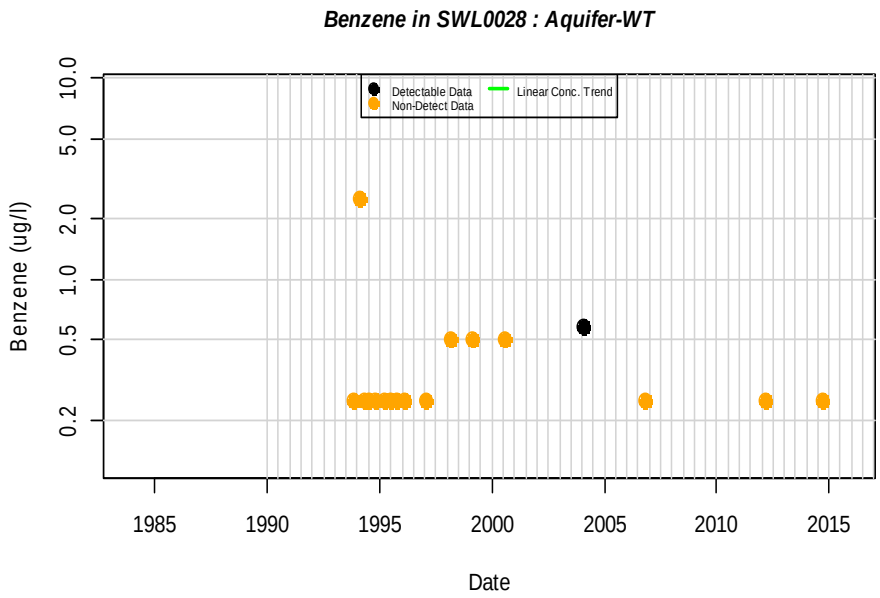

Benzene in SWL0008 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1018 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

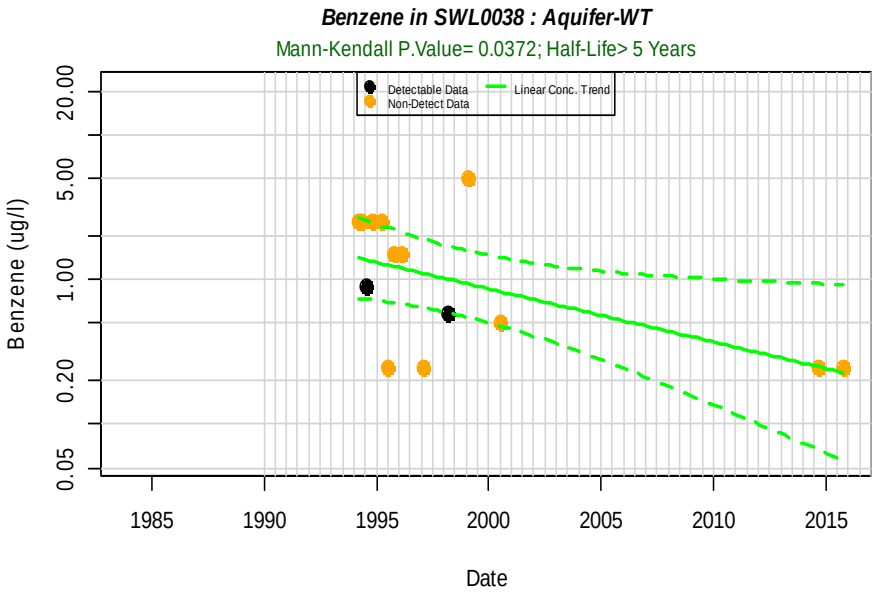

Benzene in SWL0009 : Aquifer-WT
Mann-Kendall P.Value= 0.149; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
1985
1990
1995
2000
2005
2010
2015
Date

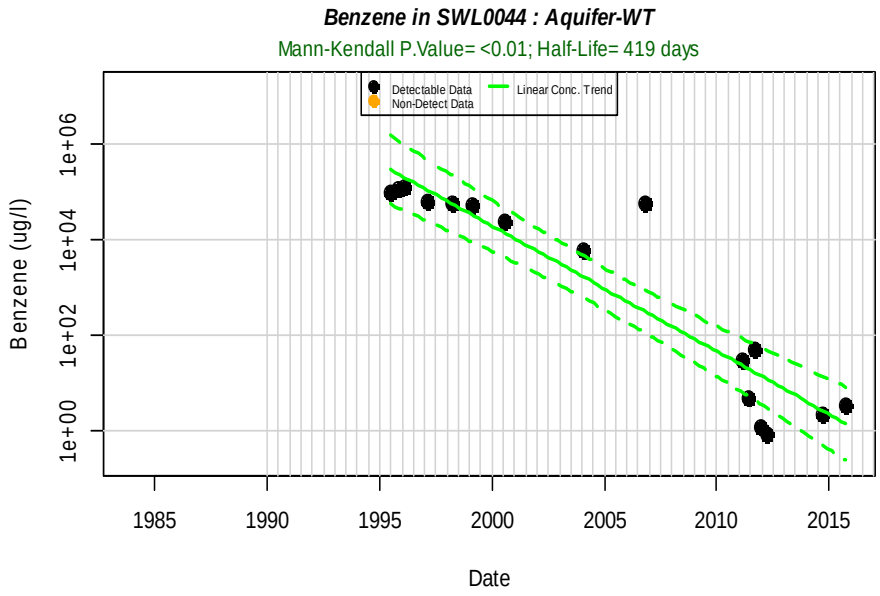

Benzene in SWL0016 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1342 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
20.00
1985
1990
1995
2000
2005
2010
2015
Date

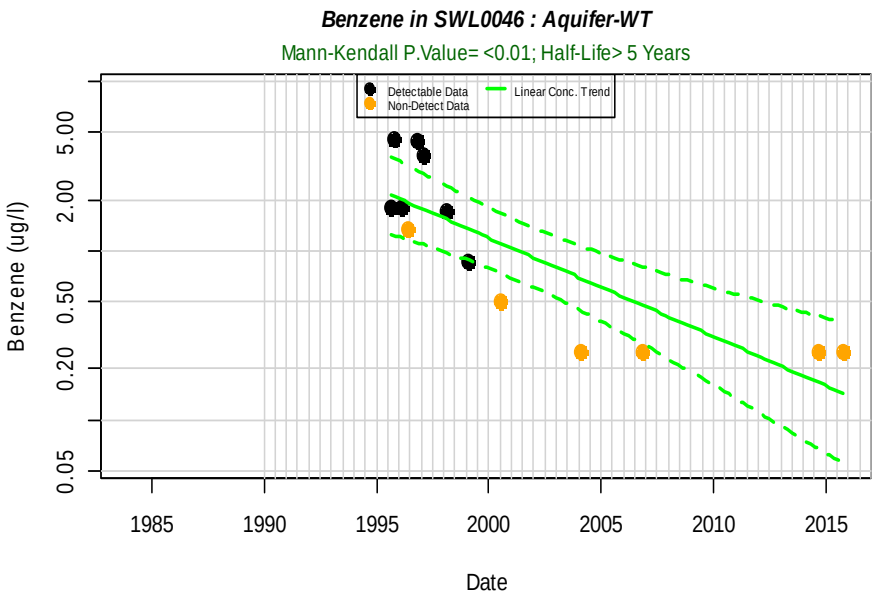

Benzene in SWL0017 : Aquifer-WT
Mann-Kendall P.Value= 0.0278; Half-Life= 1543 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

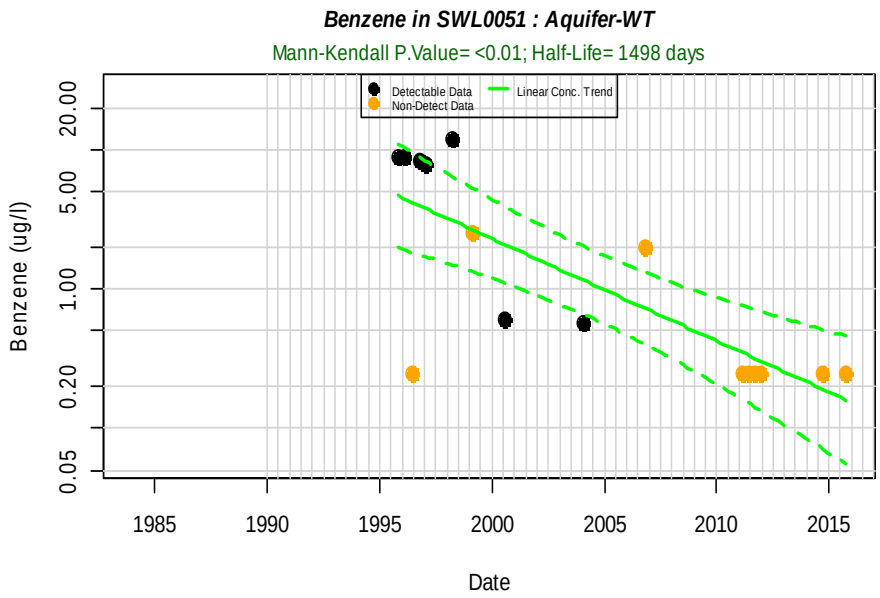

Benzene in SWL0024 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1813 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
50.00
1985
1990
1995
2000
2005
2010
2015
Date

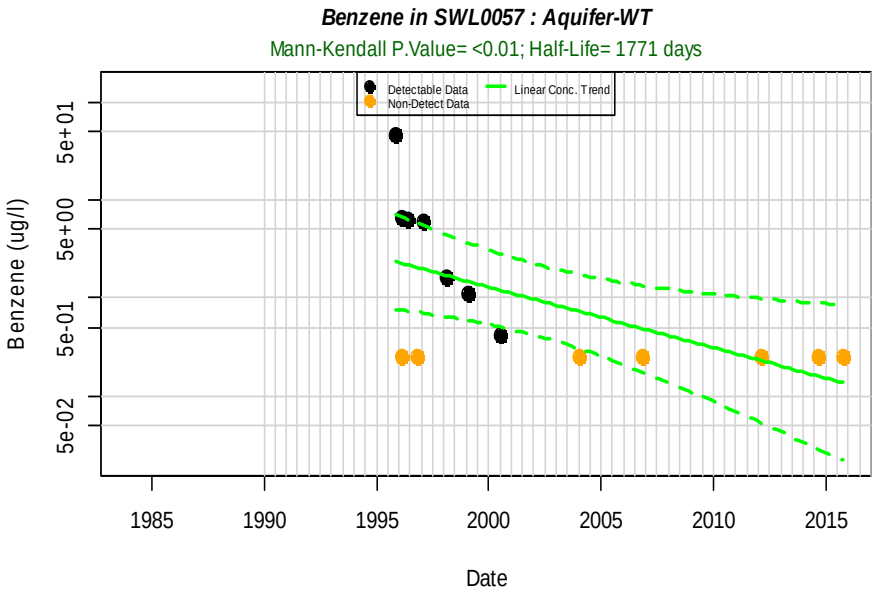

Benzene in SWL0028 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
1.0
2.0
5.0
10.0
1985
1990
1995
2000
2005
2010
2015
Date

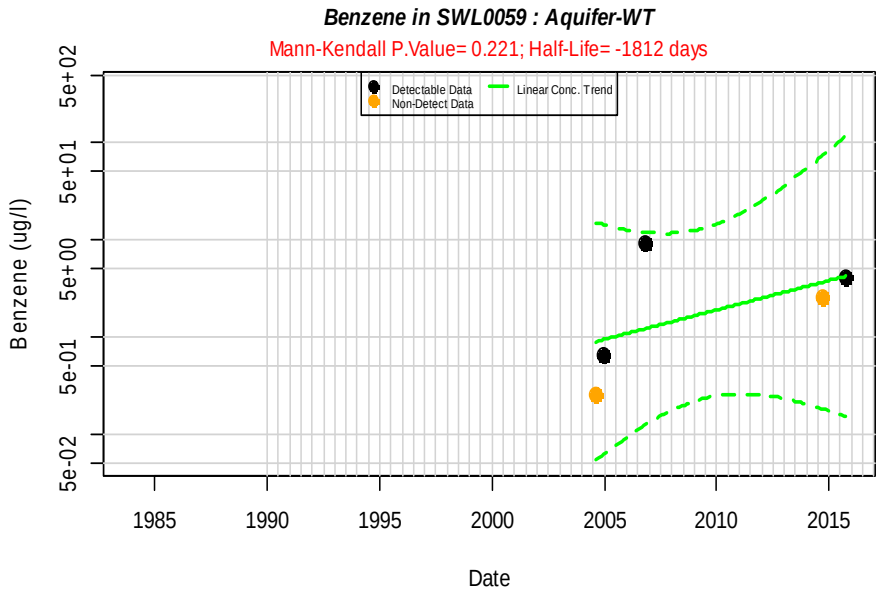

Benzene in SWL0038 : Aquifer-WT
Mann-Kendall P.Value= 0.0372; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
20.00
1985
1990
1995
2000
2005
2010
2015
Date

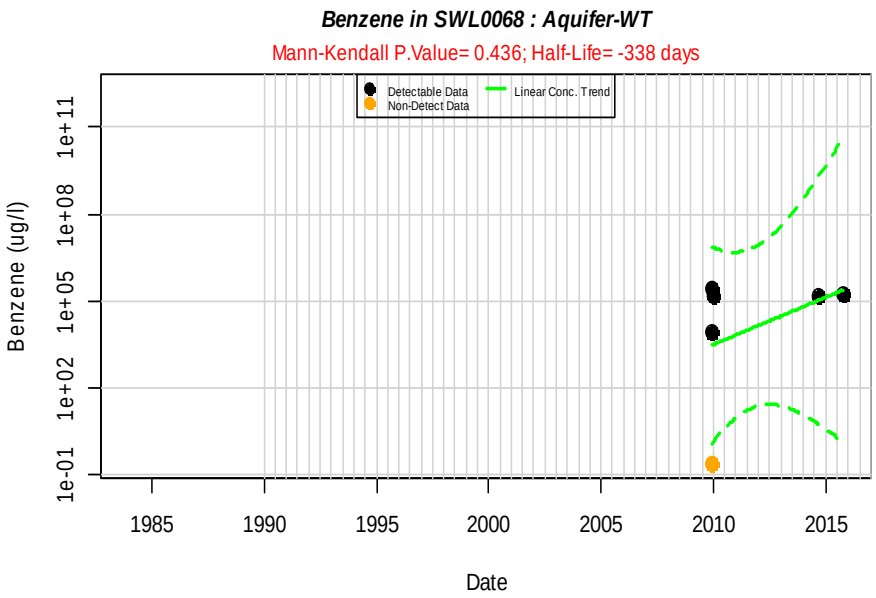

Benzene in SWL0044 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 419 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

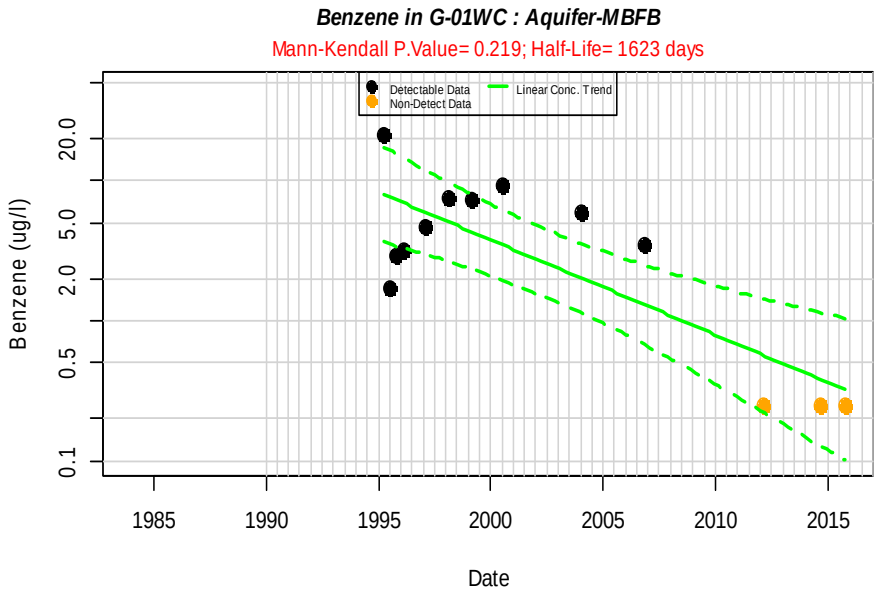

Benzene in SWL0046 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
0.50
2.00
5.00
1985
1990
1995
2000
2005
2010
2015
Date

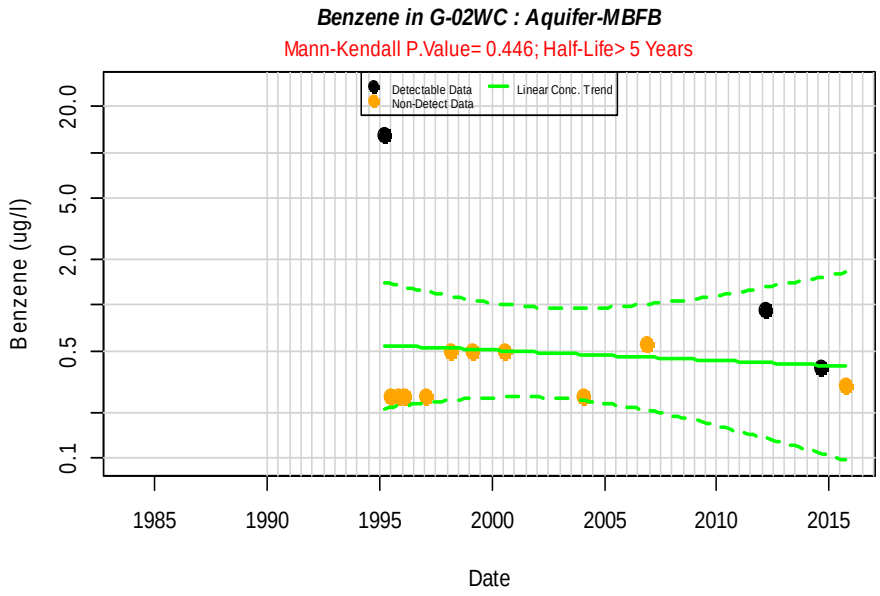

Benzene in SWL0051 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1498 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
20.00
1985
1990
1995
2000
2005
2010
2015
Date

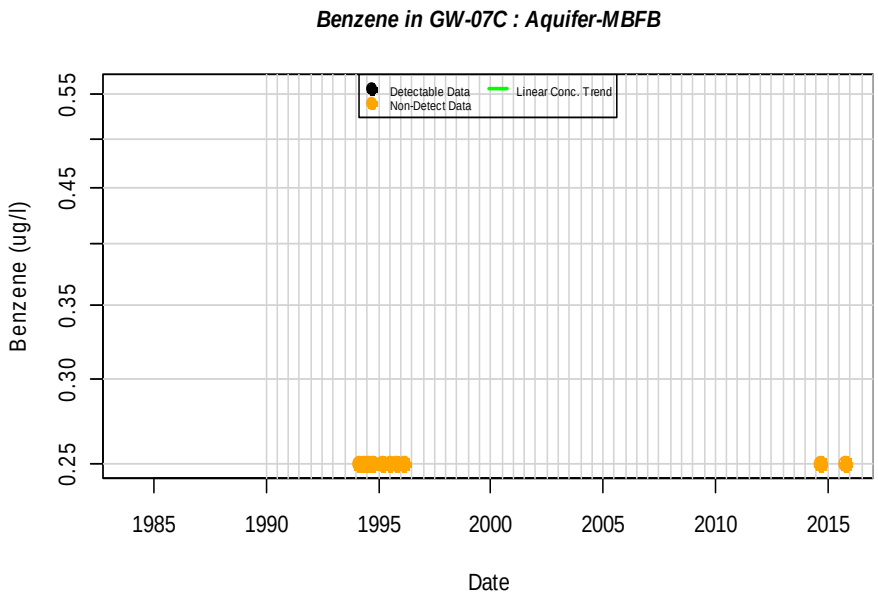

Benzene in SWL0057 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1771 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
1985
1990
1995
2000
2005
2010
2015
Date

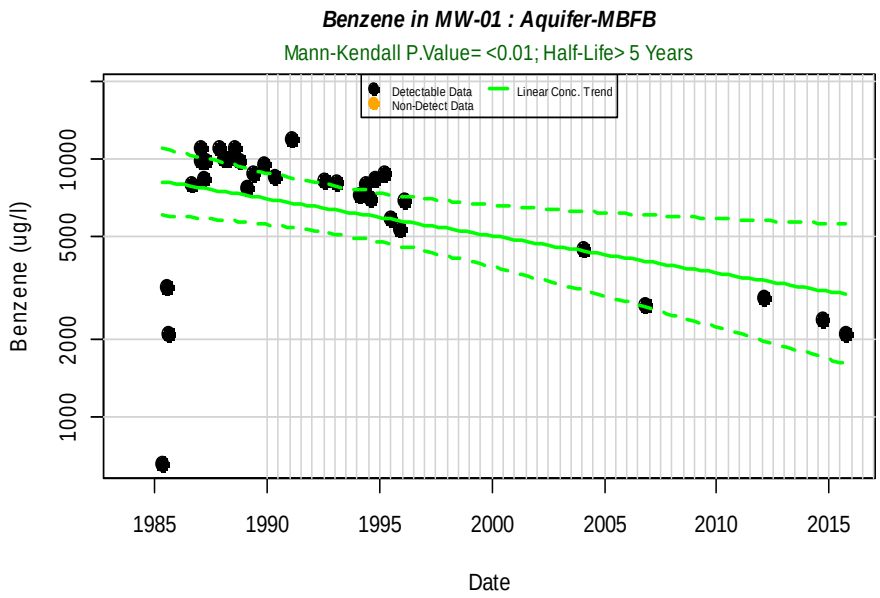

Benzene in SWL0059 : Aquifer-WT
Mann-Kendall P.Value= 0.221; Half-Life= -1812 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

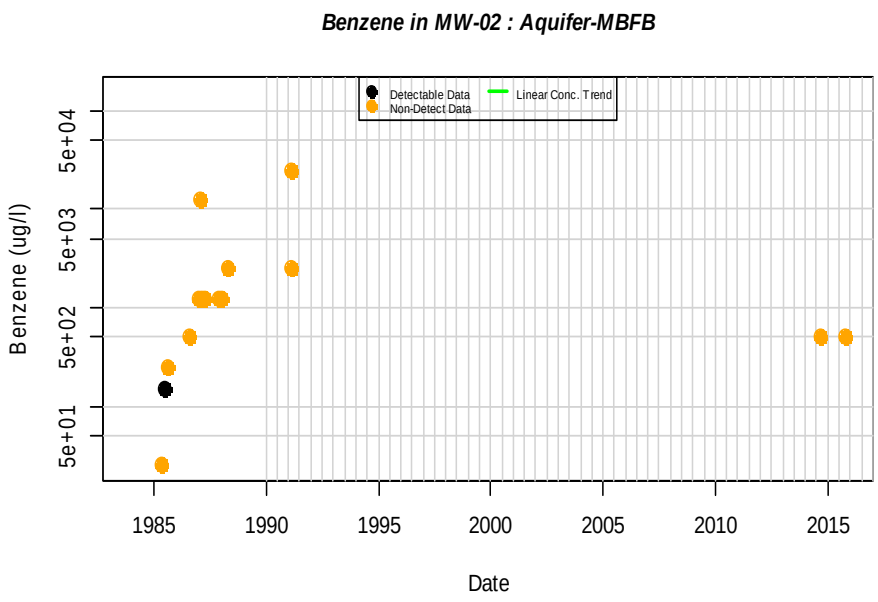

Benzene in SWL0068 : Aquifer-WT
Mann-Kendall P.Value= 0.436; Half-Life= -338 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+02
1e+05
1e+08
1e+11
1985
1990
1995
2000
2005
2010
2015
Date

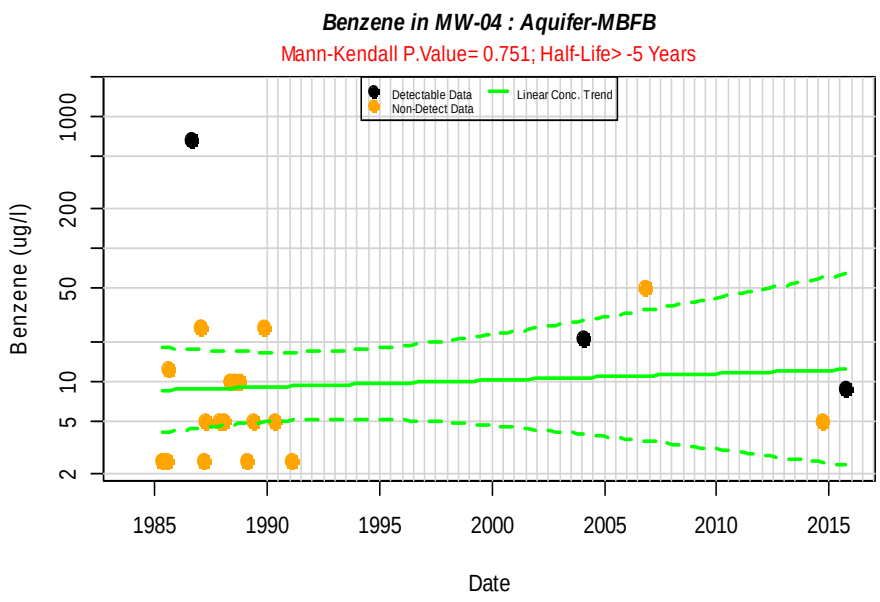

Benzene in G-01WC : Aquifer-MBFB
Mann-Kendall P.Value= 0.219; Half-Life= 1623 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

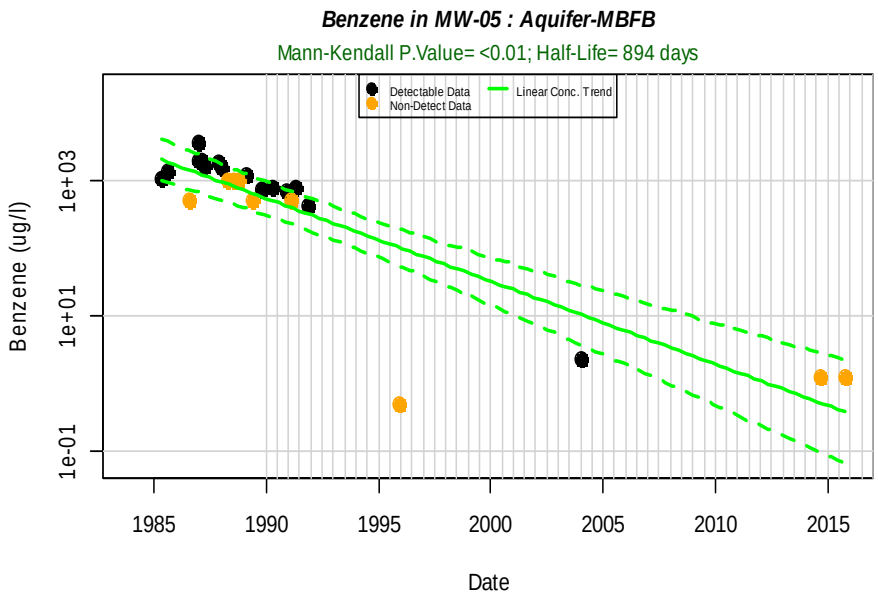

Benzene in G-02WC : Aquifer-MBFB
Mann-Kendall P.Value= 0.446; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

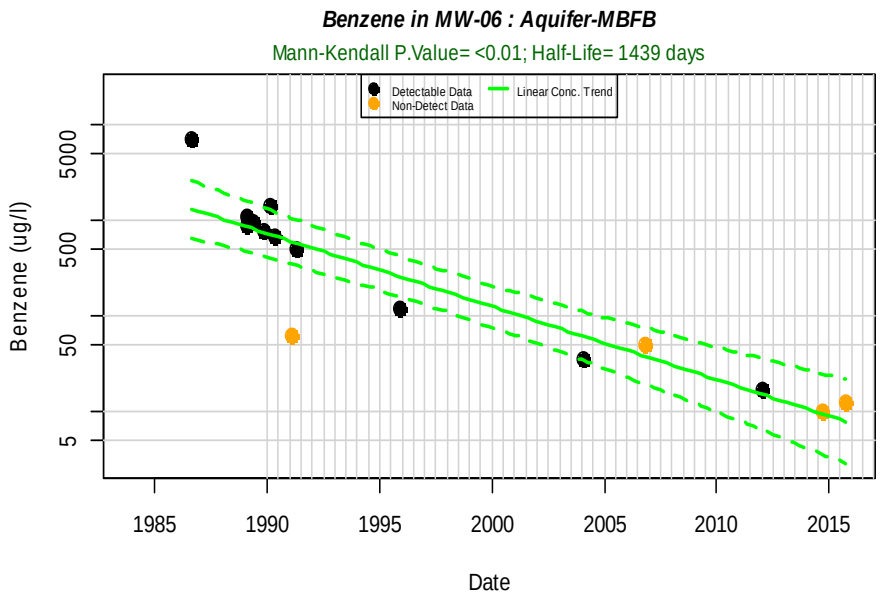

Benzene in GW-07C : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.25
0.30
0.35
0.45
0.55
1985
1990
1995
2000
2005
2010
2015
Date

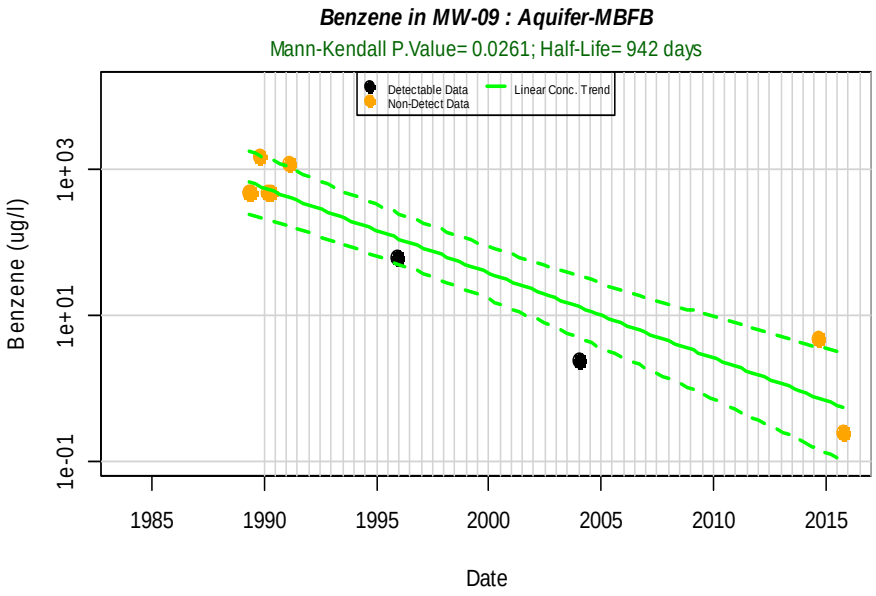

Benzene in MW-01 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1000
2000
5000
10000
1985
1990
1995
2000
2005
2010
2015
Date

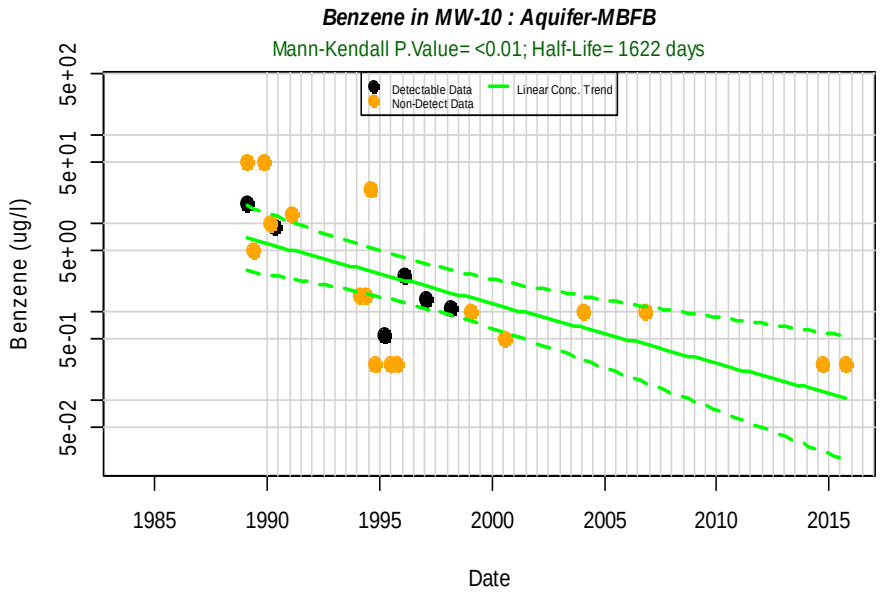

Benzene in MW-02 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e+01
5e+02
5e+03
5e+04
1985
1990
1995
2000
2005
2010
2015
Date

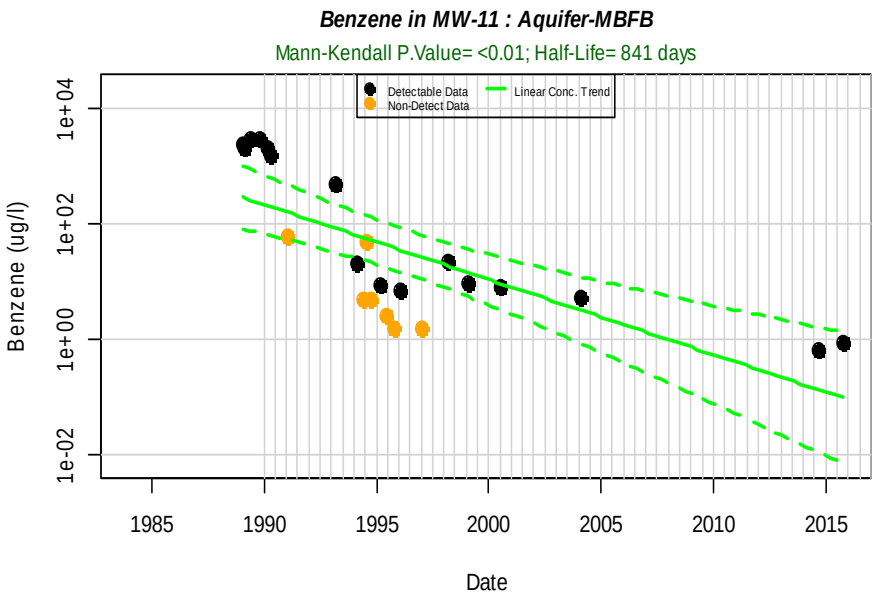

Benzene in MW-04 : Aquifer-MBFB
Mann-Kendall P.Value= 0.751; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2
5
10
50
200
1000
1985
1990
1995
2000
2005
2010
2015
Date

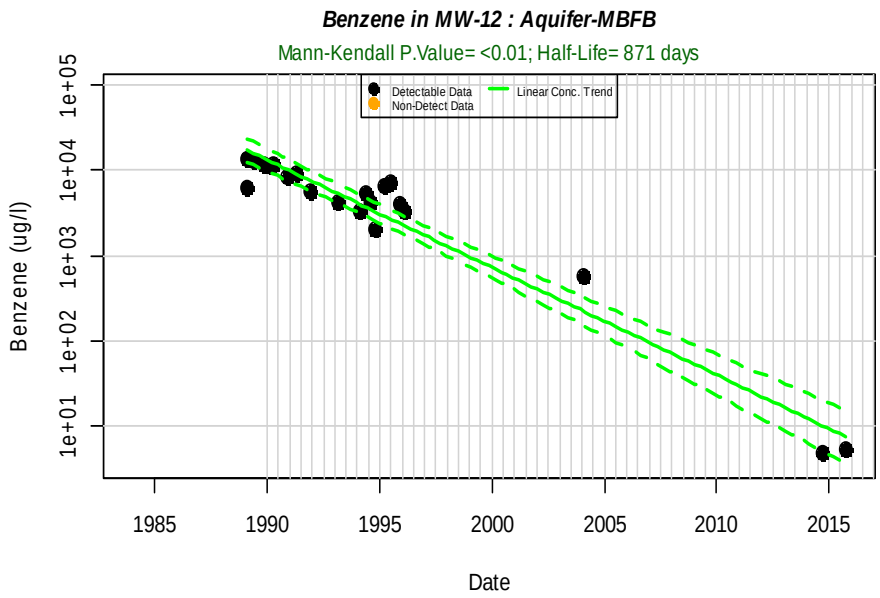

Benzene in MW-05 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 894 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

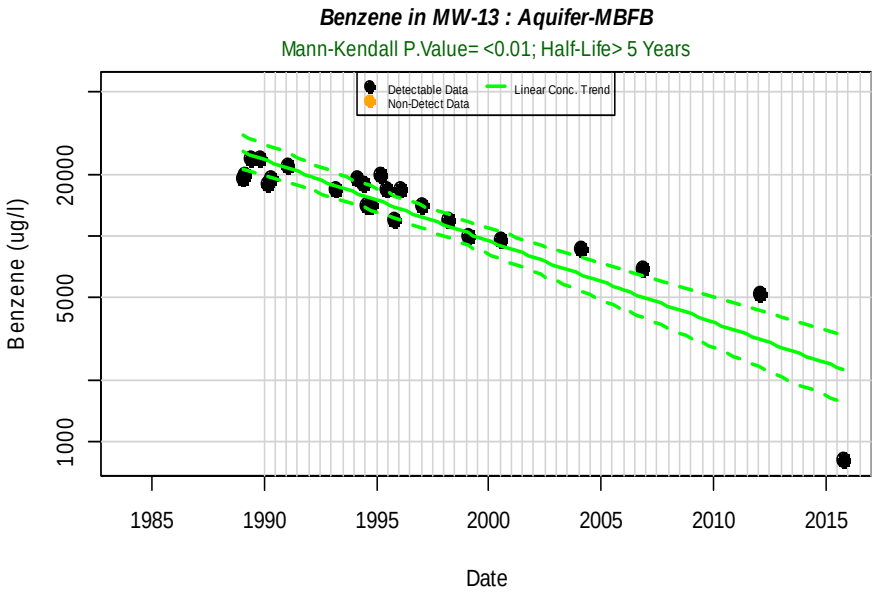

Benzene in MW-06 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 1439 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5
50
500
5000
1985
1990
1995
2000
2005
2010
2015
Date

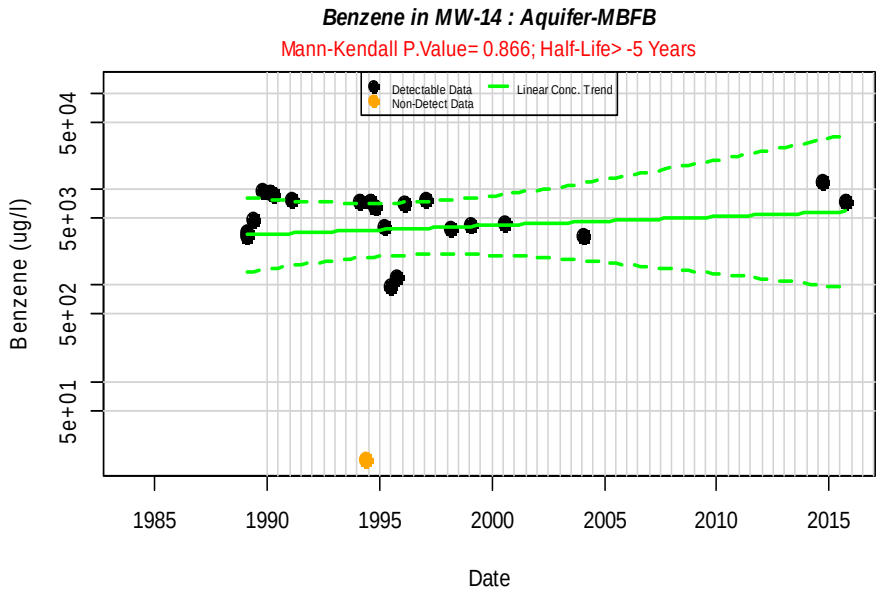

Benzene in MW-09 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0261; Half-Life= 942 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

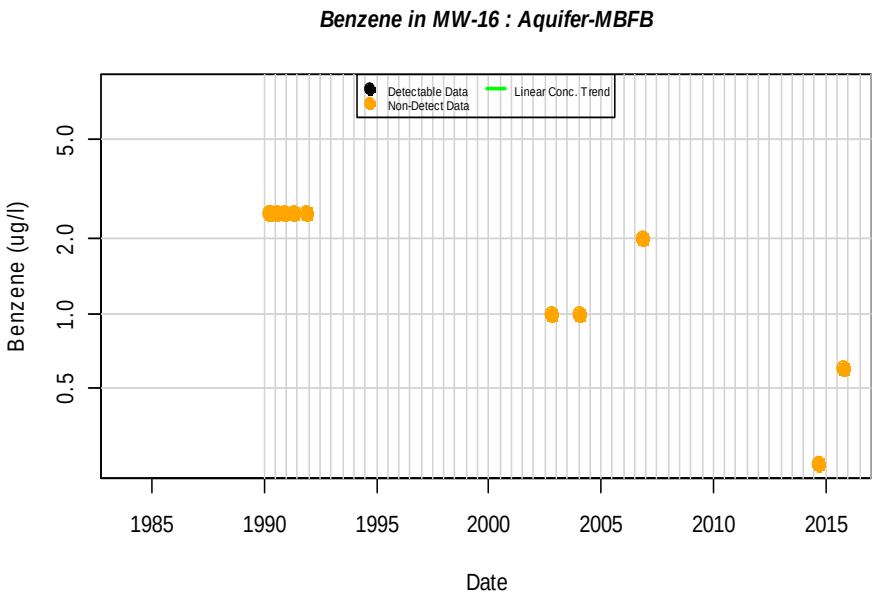

Benzene in MW-10 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 1622 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

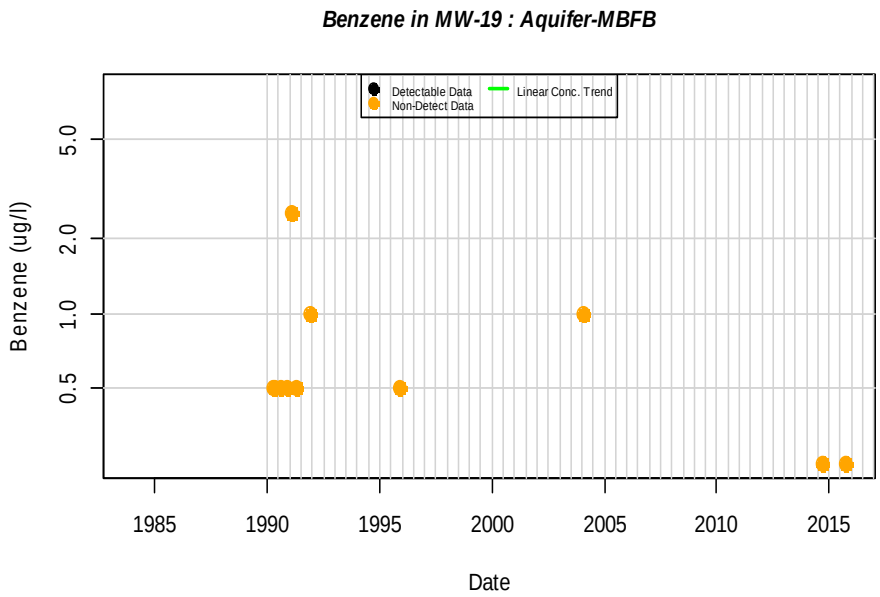

Benzene in MW-11 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 841 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-02
1e+00
1e+02
1e+04
1985
1990
1995
2000
2005
2010
2015
Date

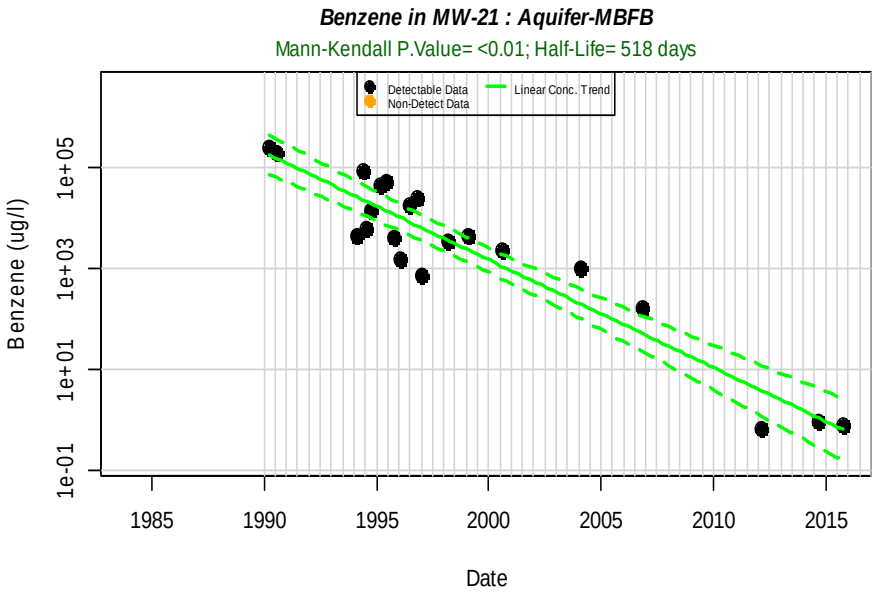

Benzene in MW-12 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 871 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+01
1e+02
1e+03
1e+04
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

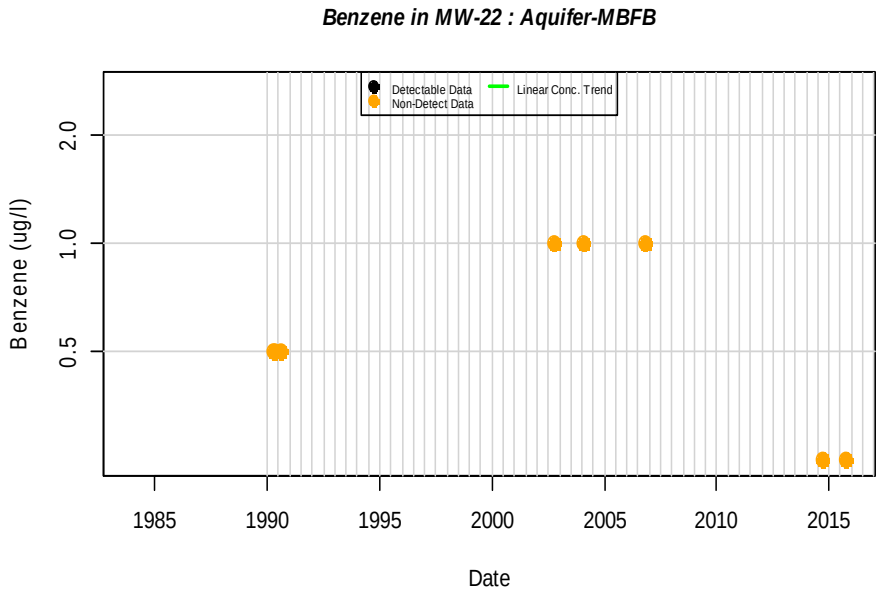

Benzene in MW-13 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1000
5000
20000
1985
1990
1995
2000
2005
2010
2015
Date

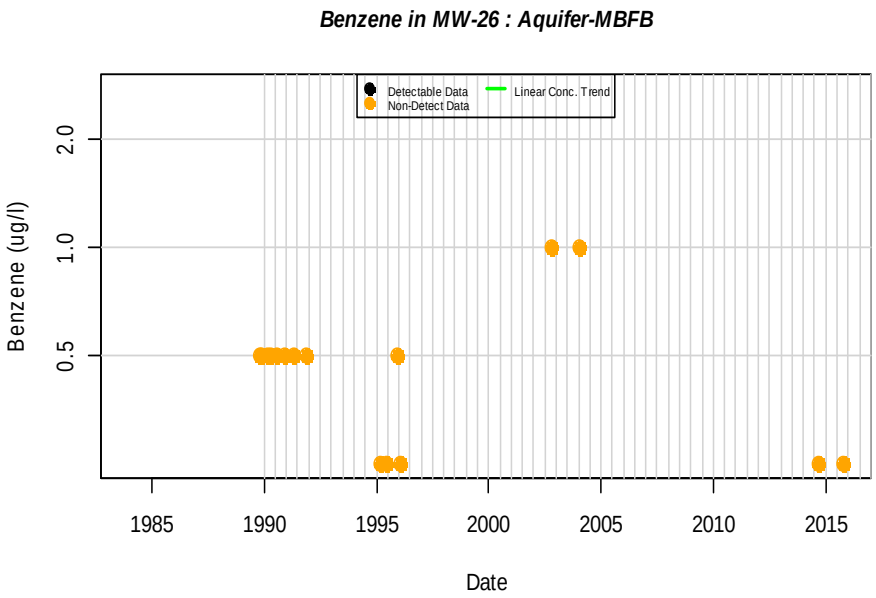

Benzene in MW-14 : Aquifer-MBFB
Mann-Kendall P.Value= 0.866; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e+01
5e+02
5e+03
5e+04
1985
1990
1995
2000
2005
2010
2015
Date

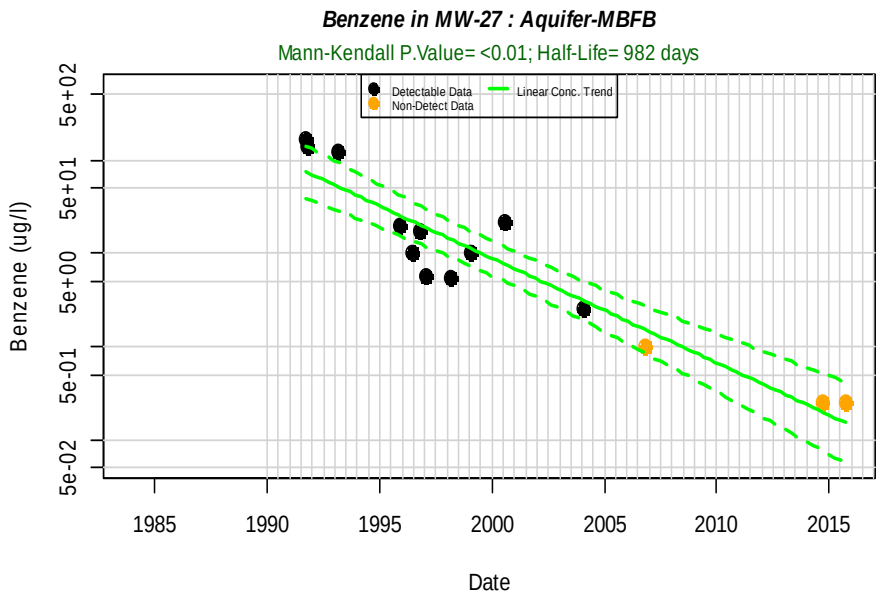

Benzene in MW-16 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

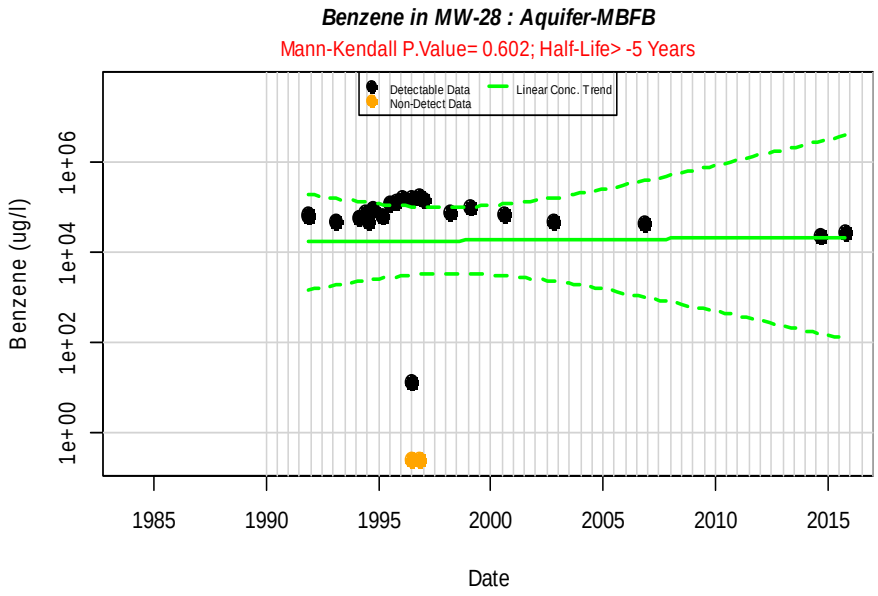

Benzene in MW-19 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

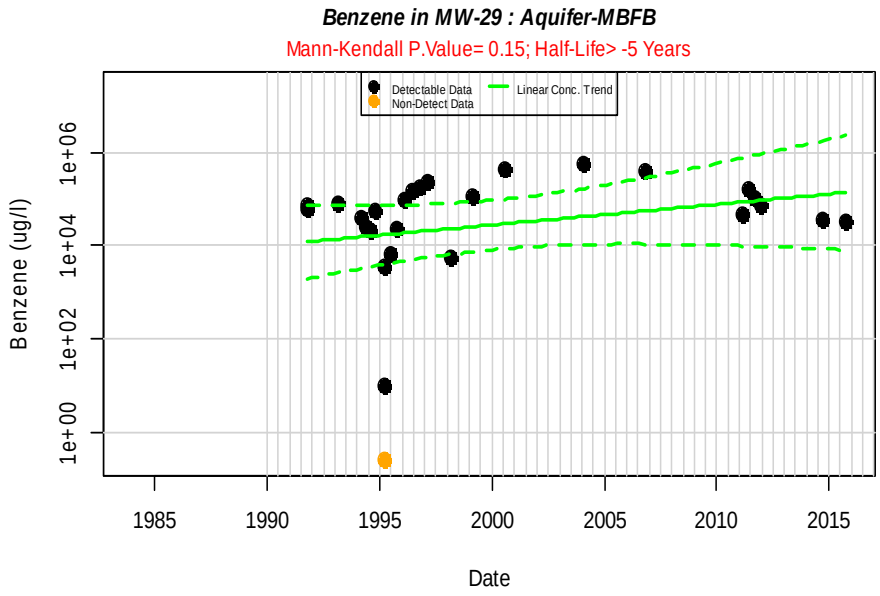

Benzene in MW-21 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 518 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

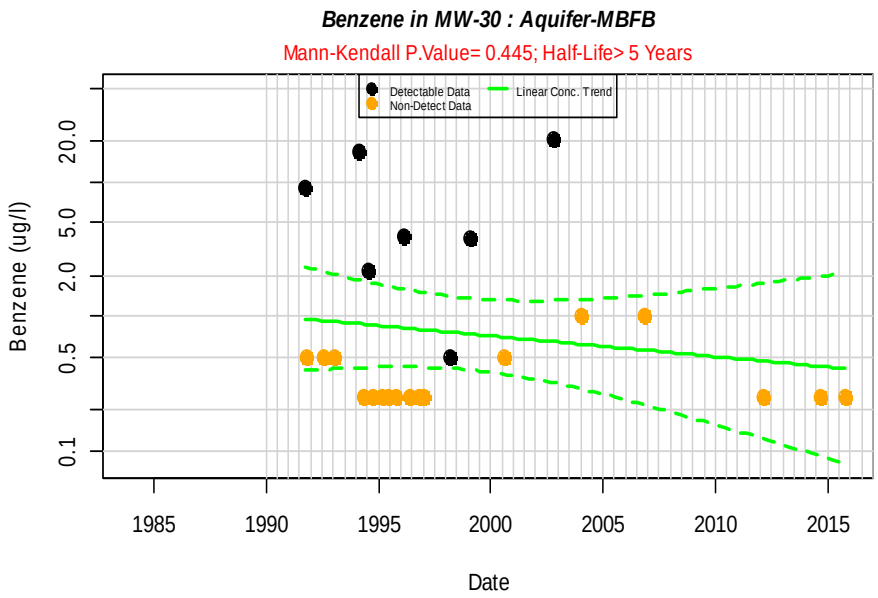

Benzene in MW-22 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

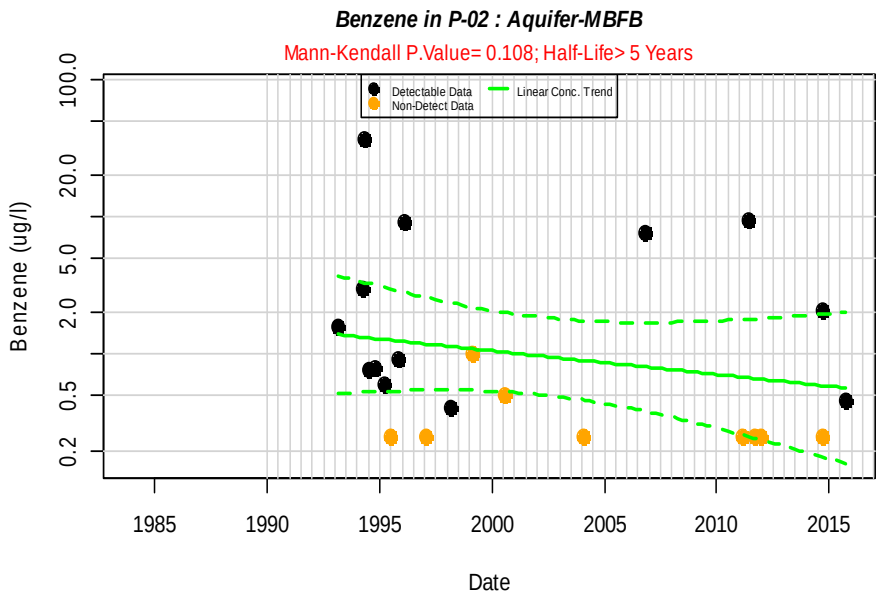

Benzene in MW-26 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

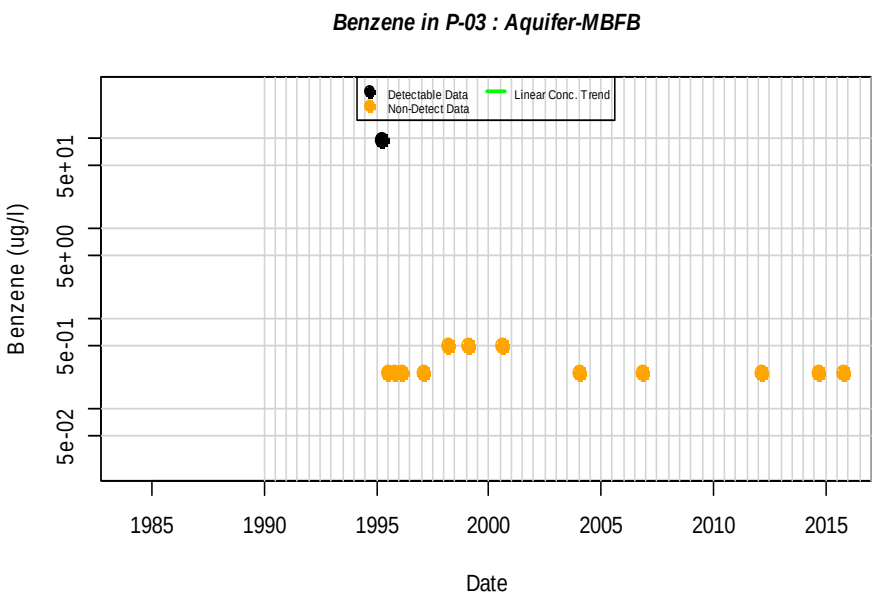

Benzene in MW-27 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 982 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

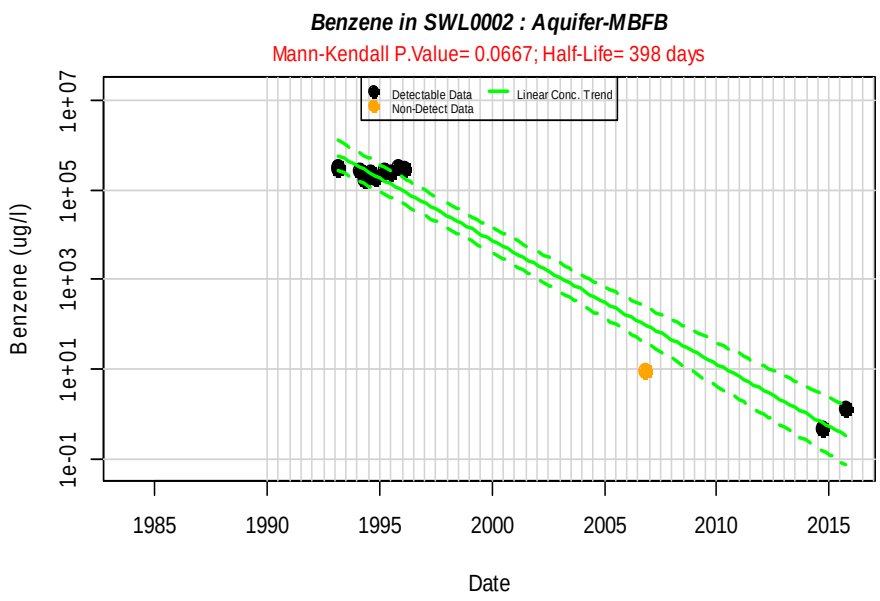

Benzene in MW-28 : Aquifer-MBFB
Mann-Kendall P.Value= 0.602; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

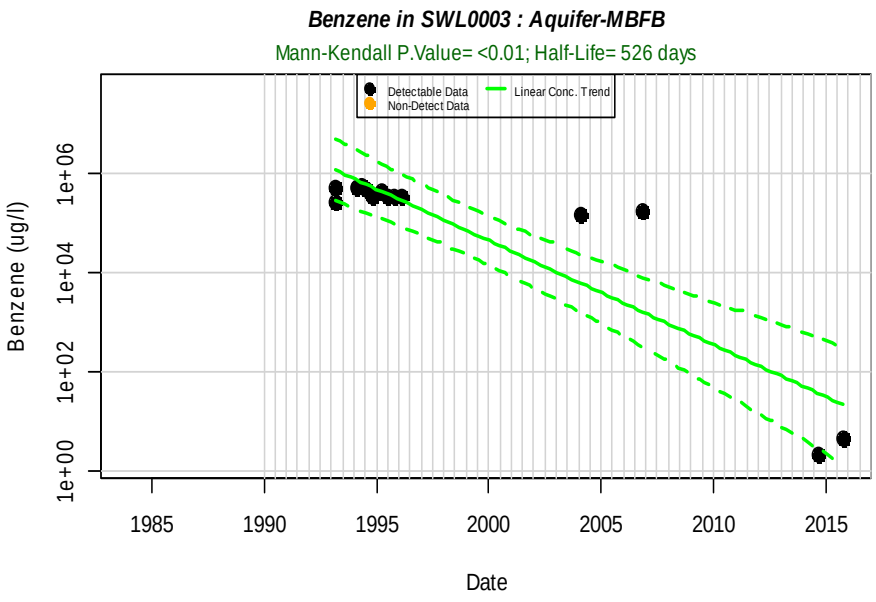

Benzene in MW-29 : Aquifer-MBFB
Mann-Kendall P.Value= 0.15; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

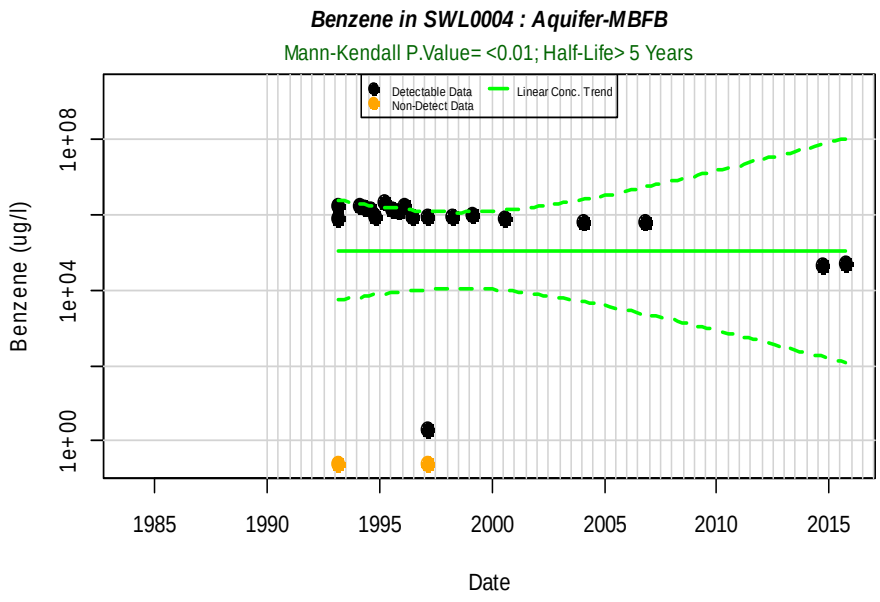

Benzene in MW-30 : Aquifer-MBFB
Mann-Kendall P.Value= 0.445; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

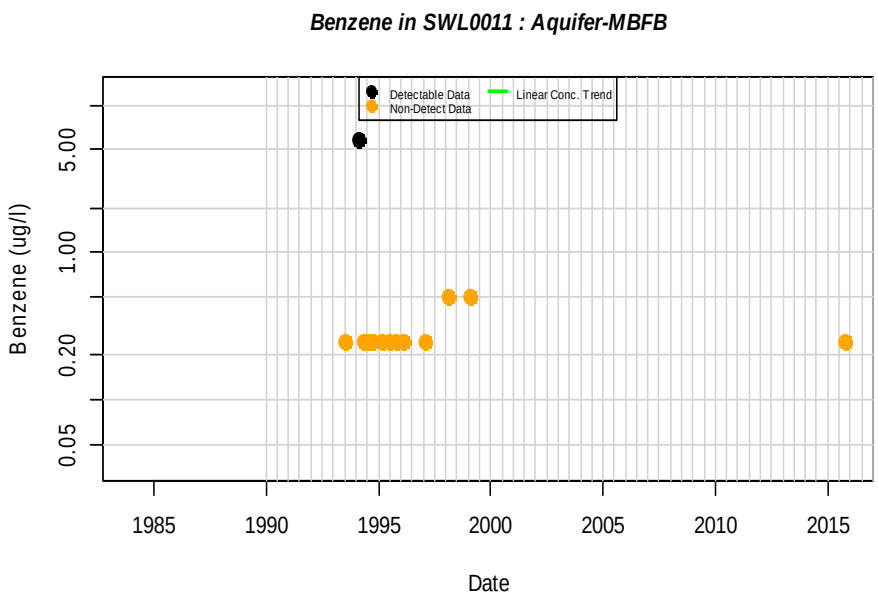

Benzene in P-02 : Aquifer-MBFB
Mann-Kendall P.Value= 0.108; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

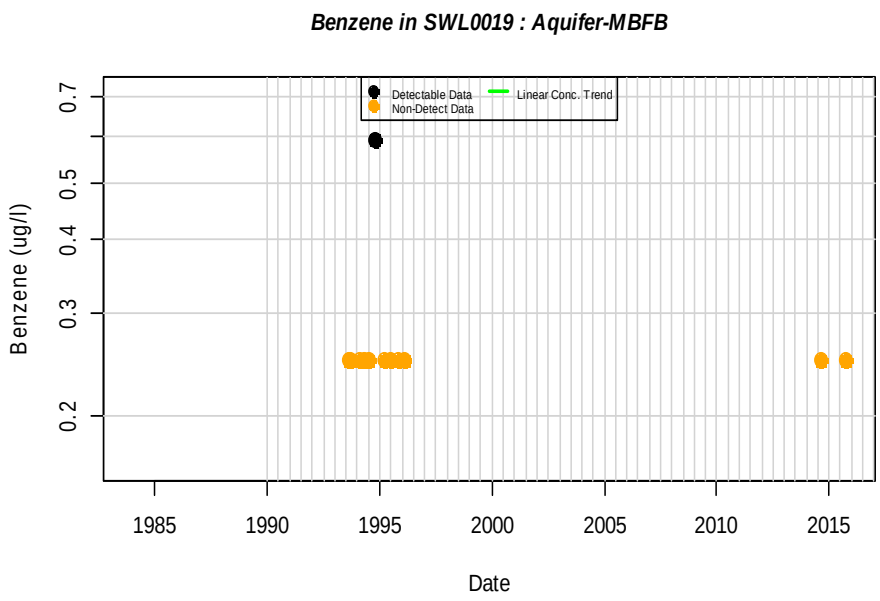

Benzene in P-03 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
1985
1990
1995
2000
2005
2010
2015
Date

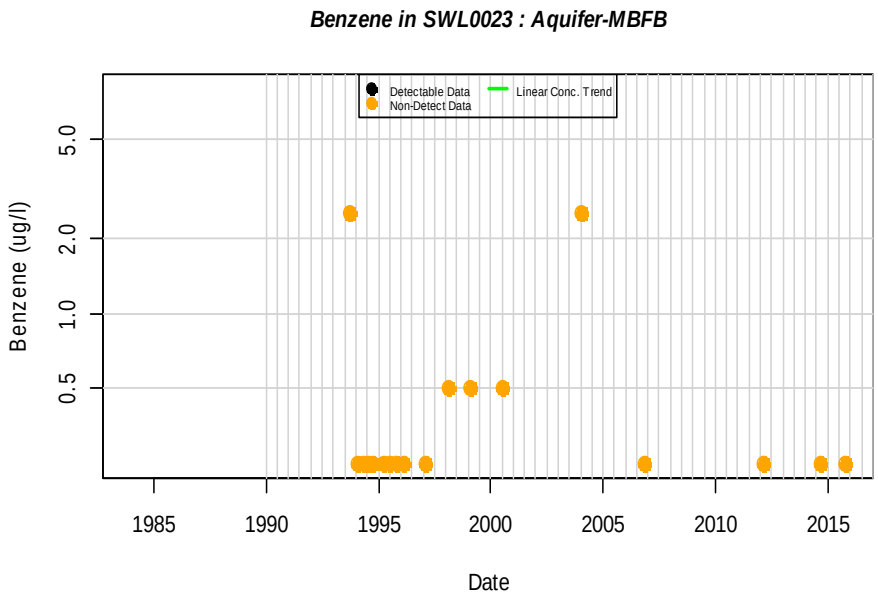

Benzene in SWL0002 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0667; Half-Life= 398 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+01
1e+03
1e+05
1e+07
1985
1990
1995
2000
2005
2010
2015
Date

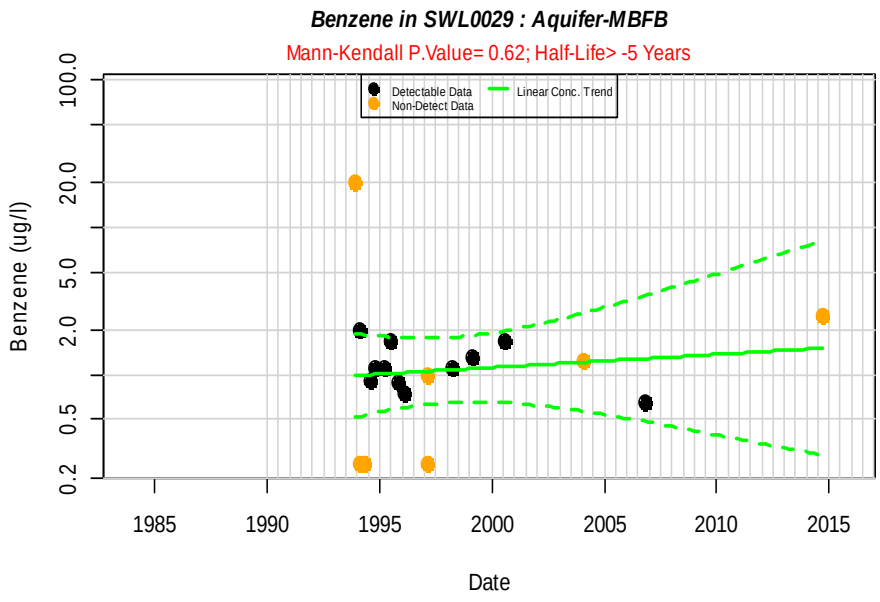

Benzene in SWL0003 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 526 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

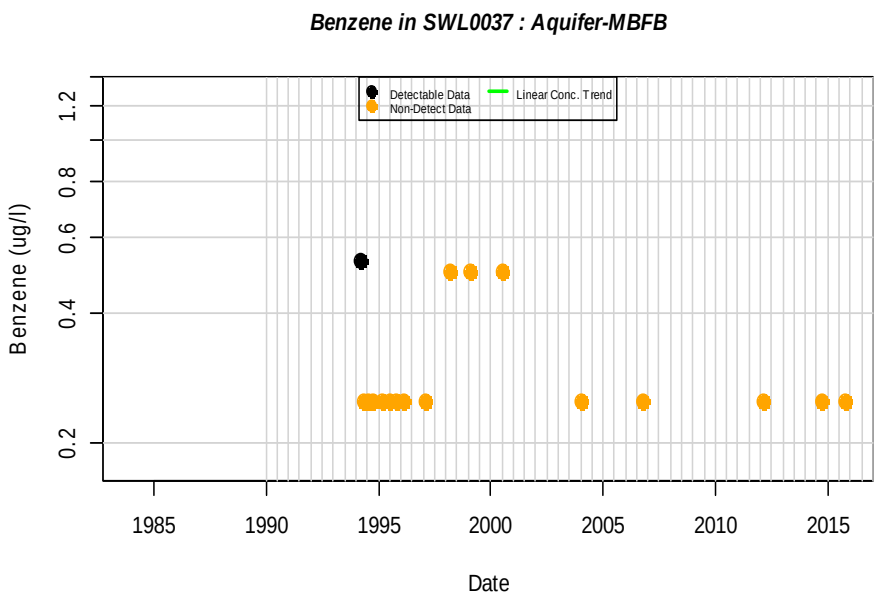

Benzene in SWL0004 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+04
1e+08
1985
1990
1995
2000
2005
2010
2015
Date

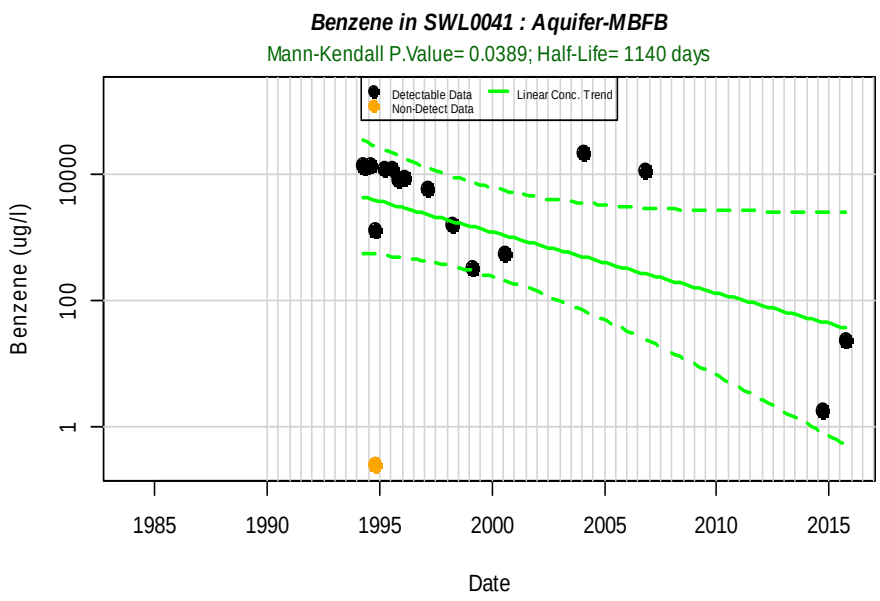

Benzene in SWL0011 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.05
0.20
1.00
5.00
1985
1990
1995
2000
2005
2010
2015
Date

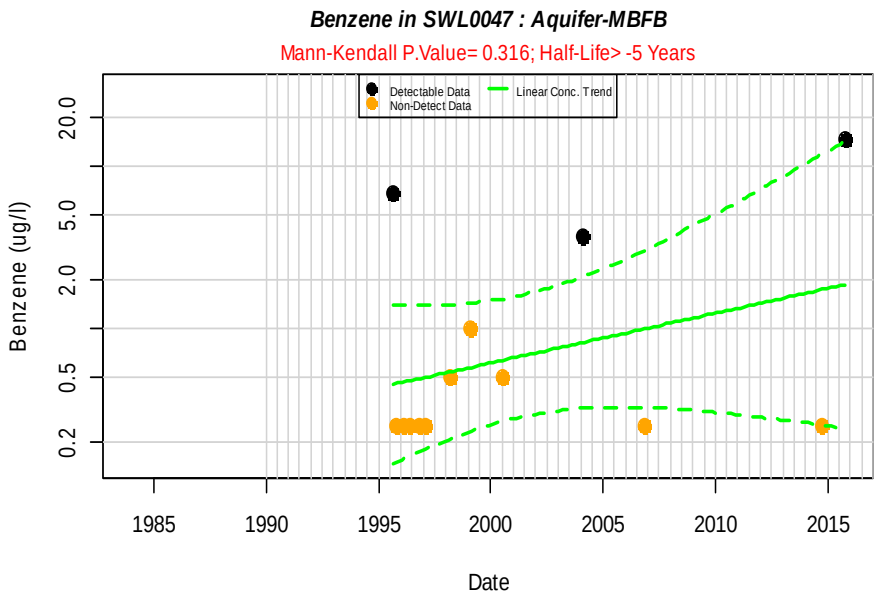

Benzene in SWL0019 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.3
0.4
0.5
0.7
1985
1990
1995
2000
2005
2010
2015
Date

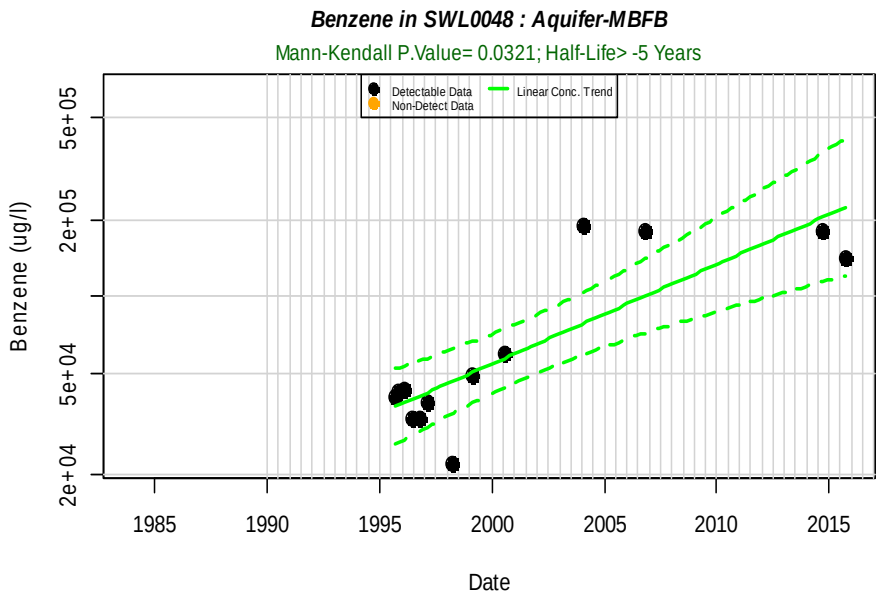

Benzene in SWL0023 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

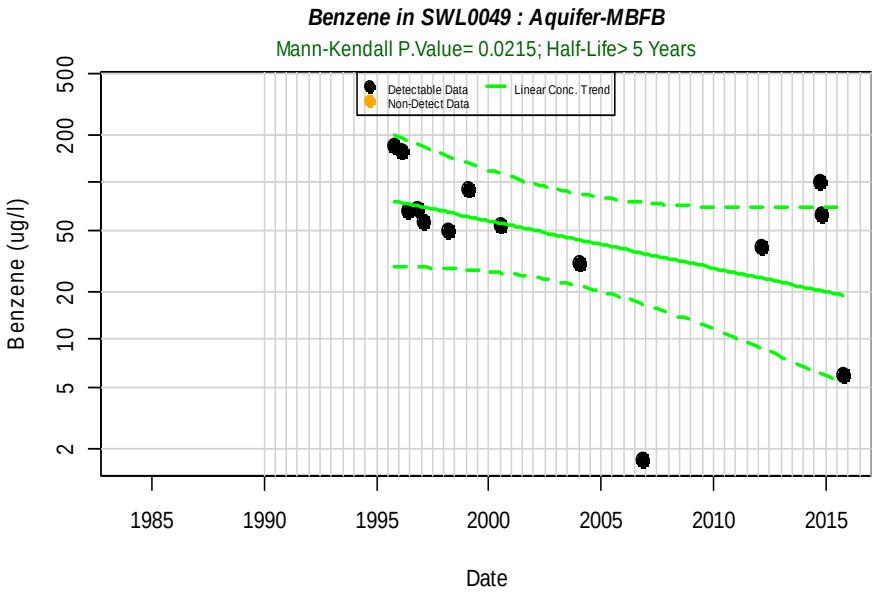

Benzene in SWL0029 : Aquifer-MBFB
Mann-Kendall P.Value= 0.62; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

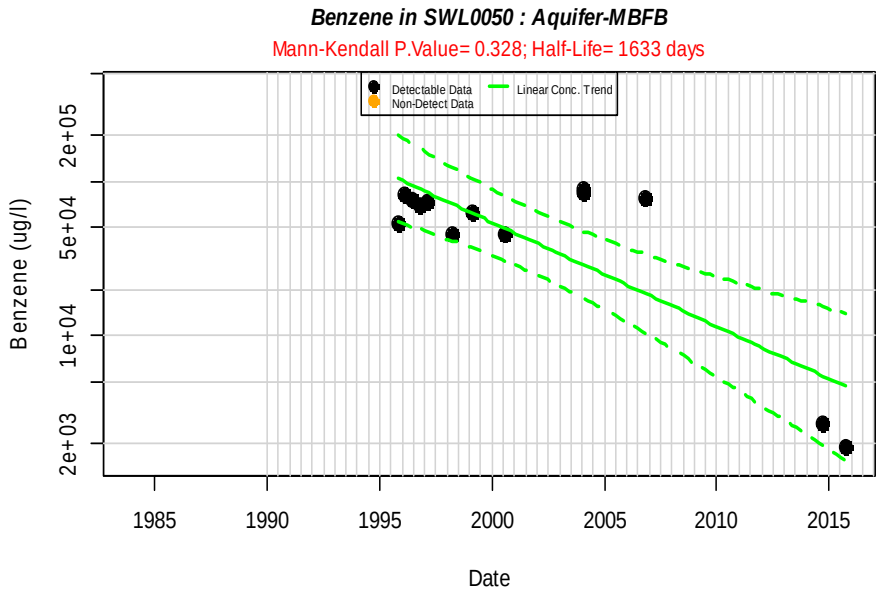

Benzene in SWL0037 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.4
0.6
0.8
1.2
1985
1990
1995
2000
2005
2010
2015
Date

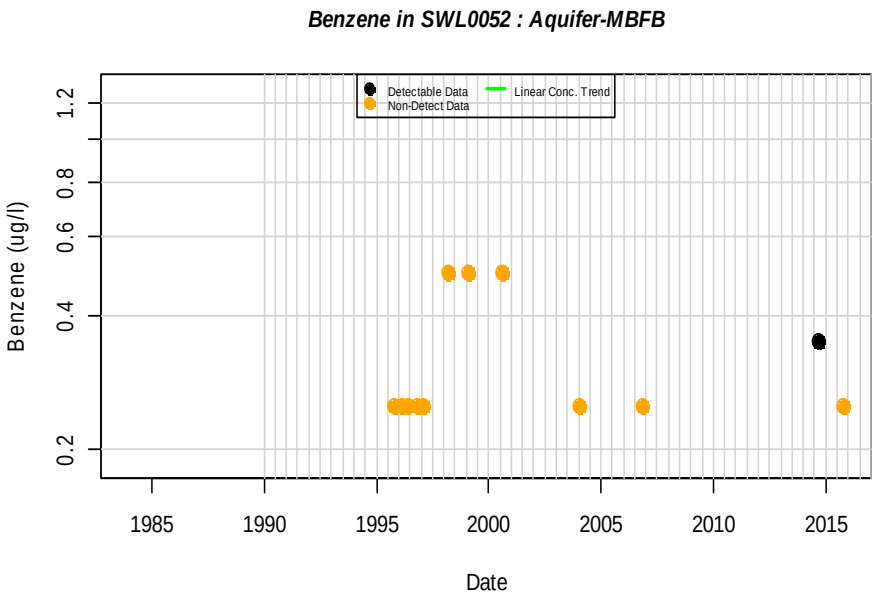

Benzene in SWL0041 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0389; Half-Life= 1140 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1
100
10000
1985
1990
1995
2000
2005
2010
2015
Date

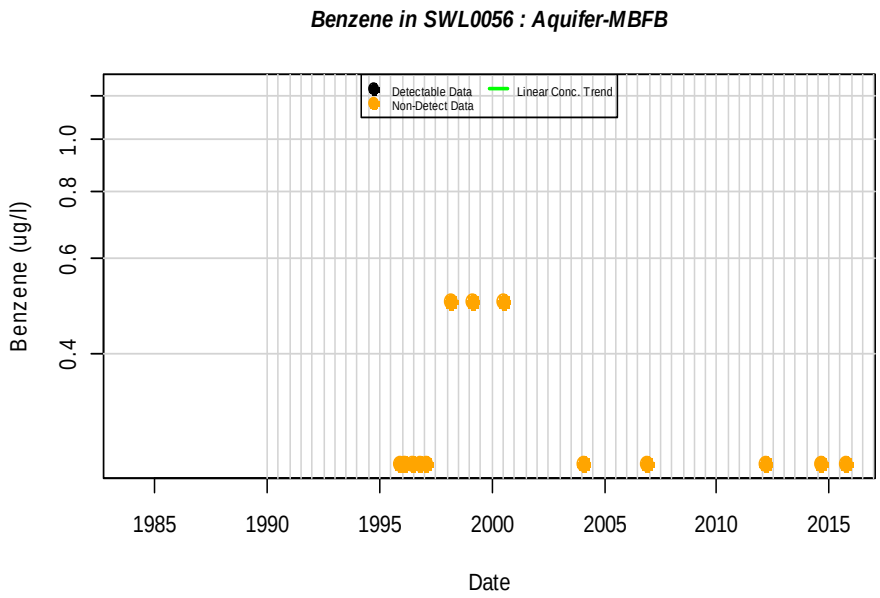

Benzene in SWL0047 : Aquifer-MBFB
Mann-Kendall P.Value= 0.316; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

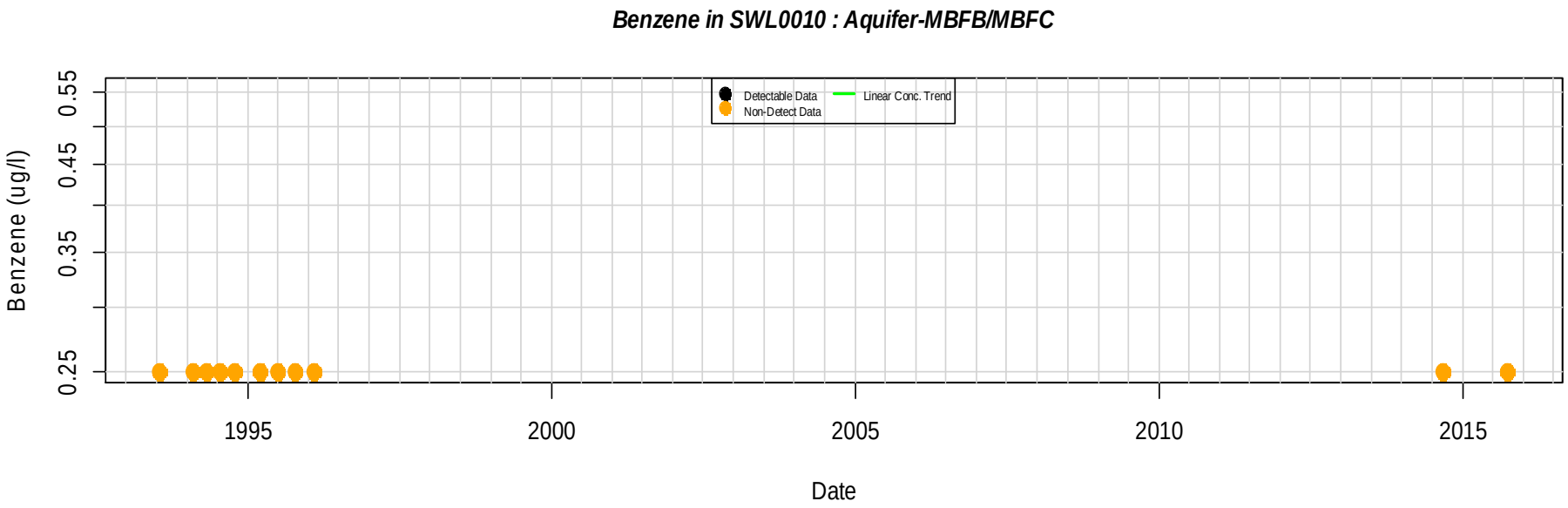

Benzene in SWL0048 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0321; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2e+04
5e+04
2e+05
5e+05
1985
1990
1995
2000
2005
2010
2015
Date

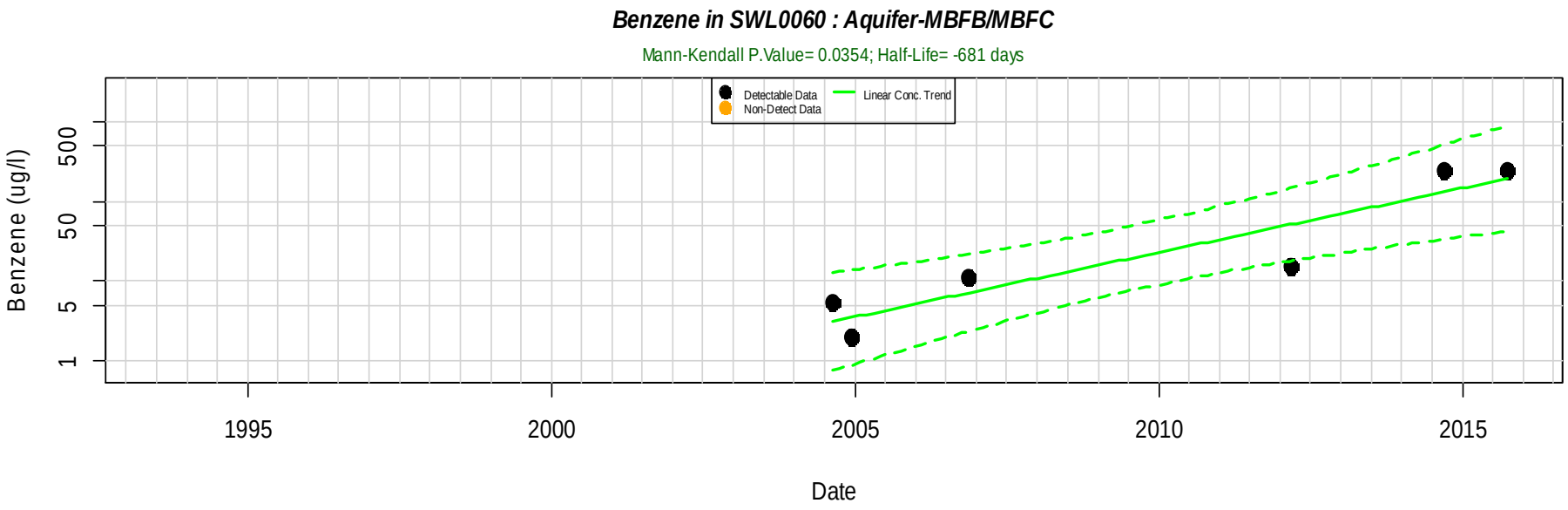

Benzene in SWL0049 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0215; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2
5
10
20
50
200
500
1985
1990
1995
2000
2005
2010
2015
Date

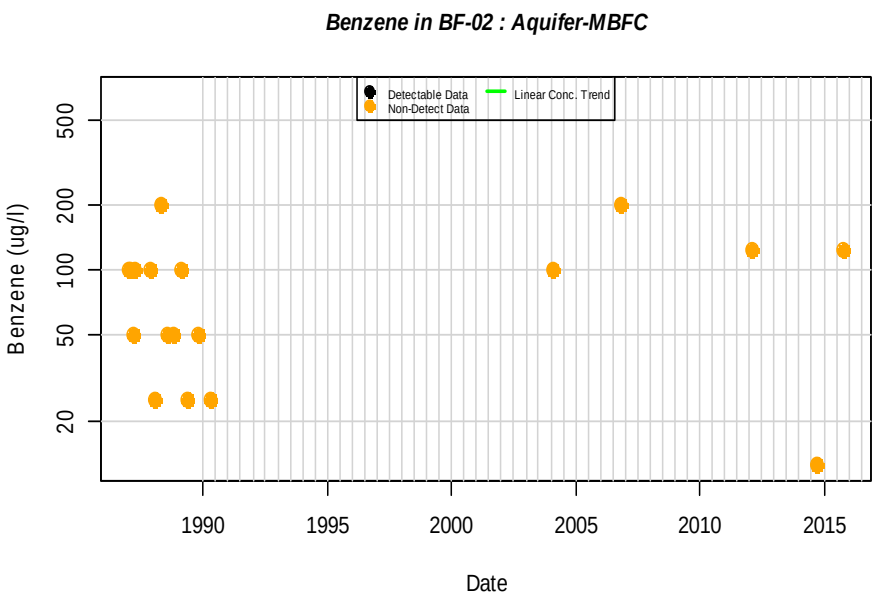

Benzene in SWL0050 : Aquifer-MBFB
Mann-Kendall P.Value= 0.328; Half-Life= 1633 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2e+03
1e+04
5e+04
2e+05
1985
1990
1995
2000
2005
2010
2015
Date

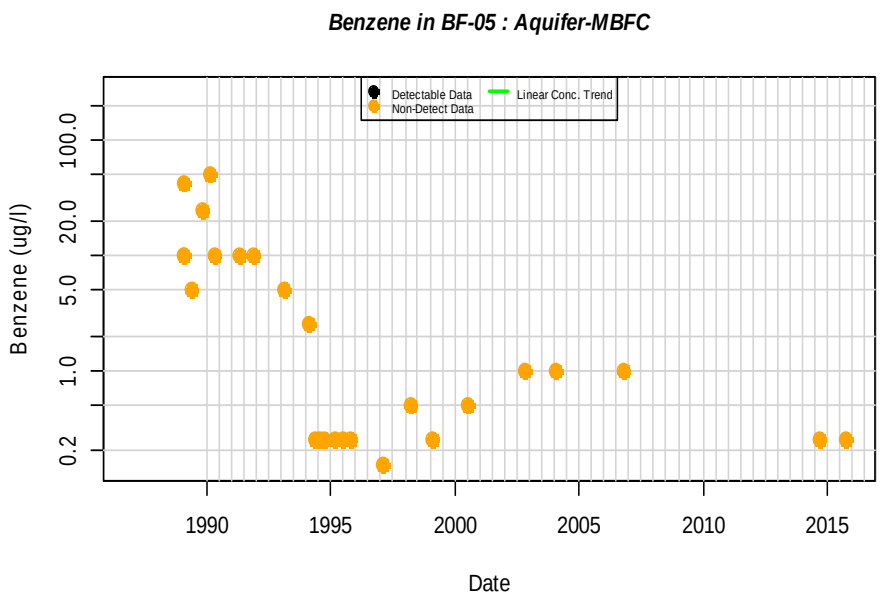

Benzene in SWL0052 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.4
0.6
0.8
1.2
1985
1990
1995
2000
2005
2010
2015
Date

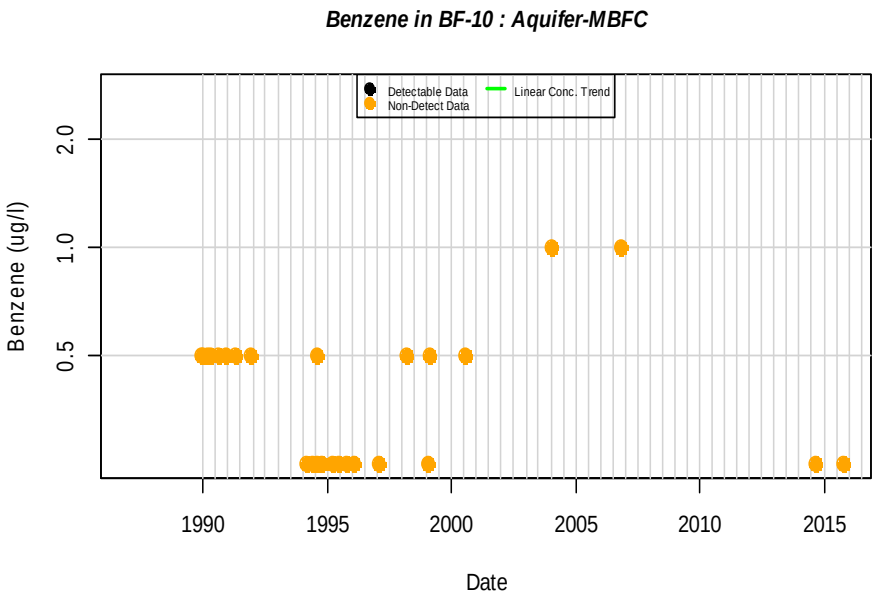

Benzene in SWL0056 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

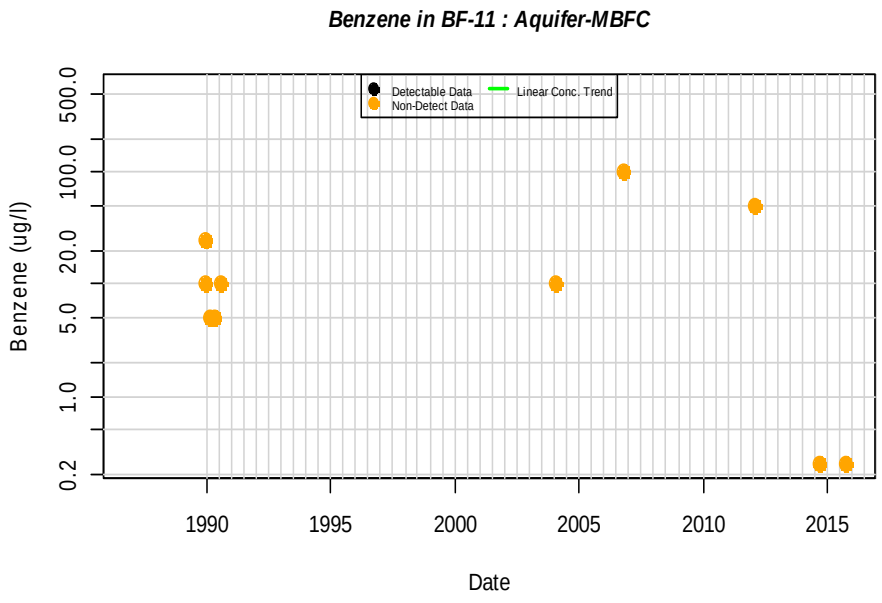

Benzene in SWL0010 : Aquifer-MBFB/MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.25
0.35
0.45
0.55
1995
2000
2005
2010
2015
Date

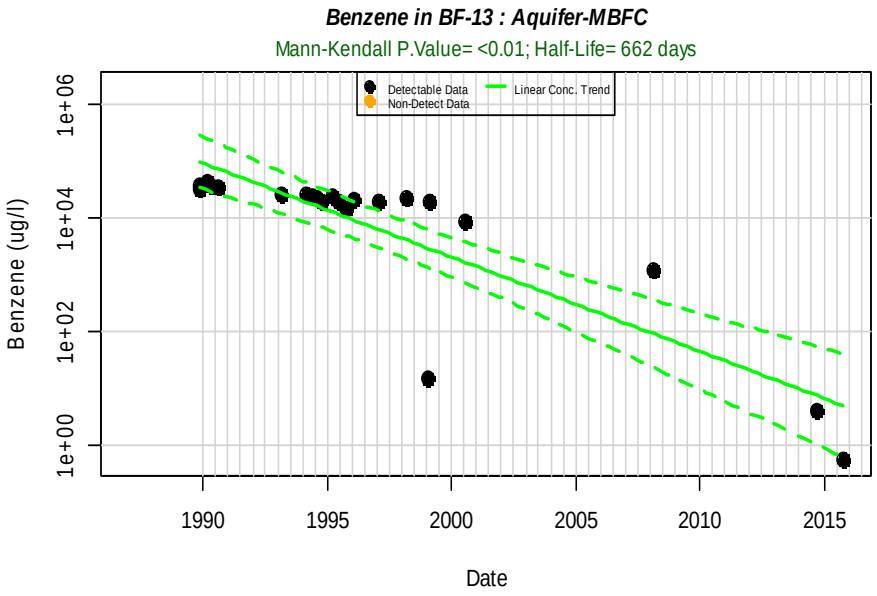

Benzene in SWL0060 : Aquifer-MBFB/MBFC
Mann-Kendall P.Value= 0.0354; Half-Life= -681 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1
5
50
500
1995
2000
2005
2010
2015
Date

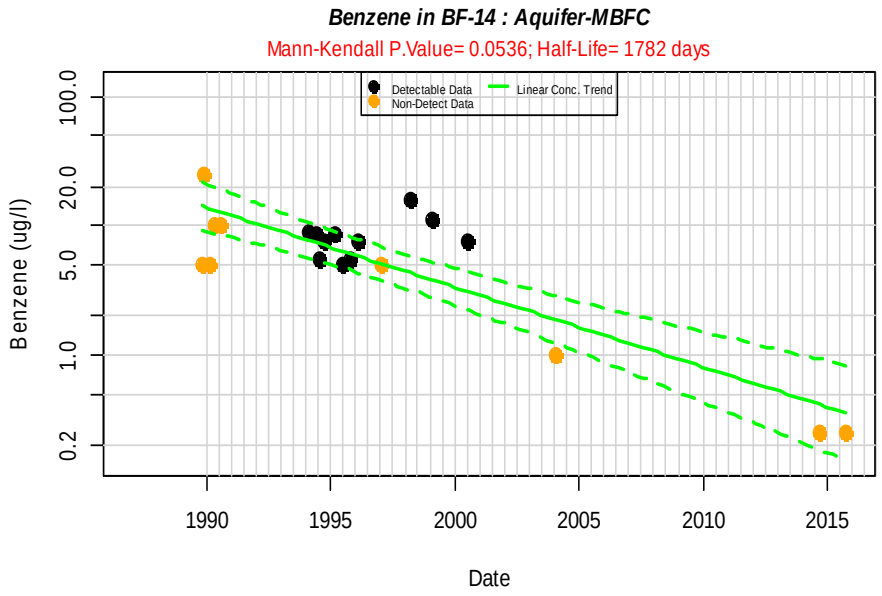

Benzene in BF-02 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
20
50
100
200
500
1990
1995
2000
2005
2010
2015
Date

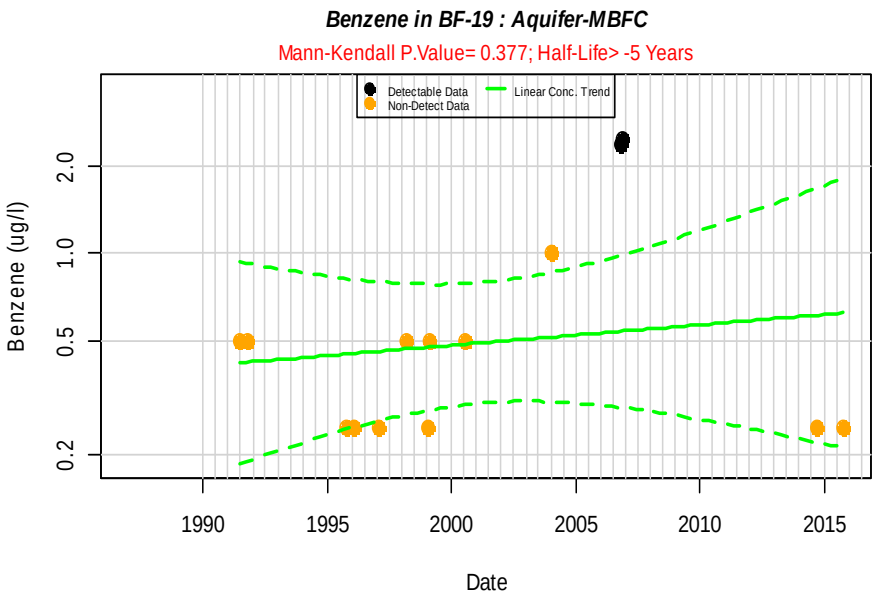

Benzene in BF-05 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

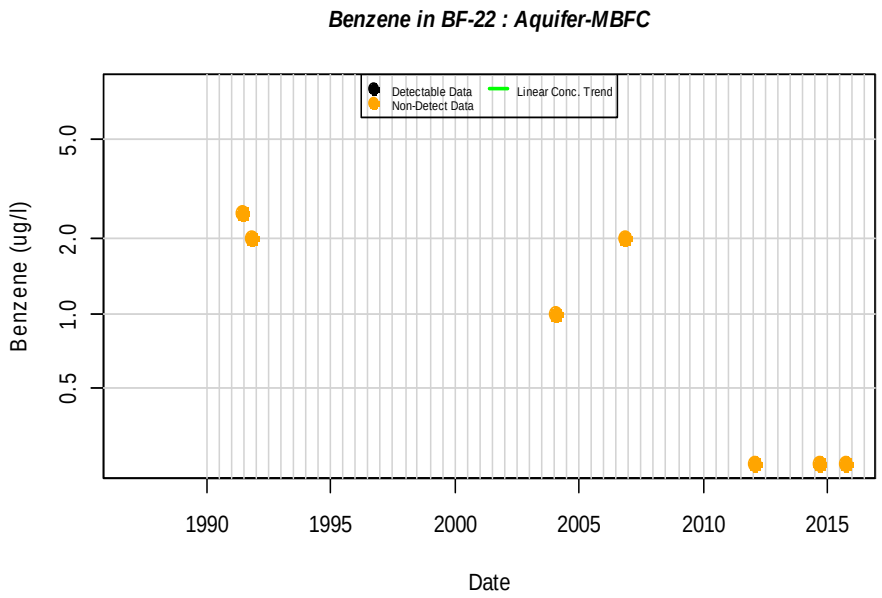

Benzene in BF-10 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

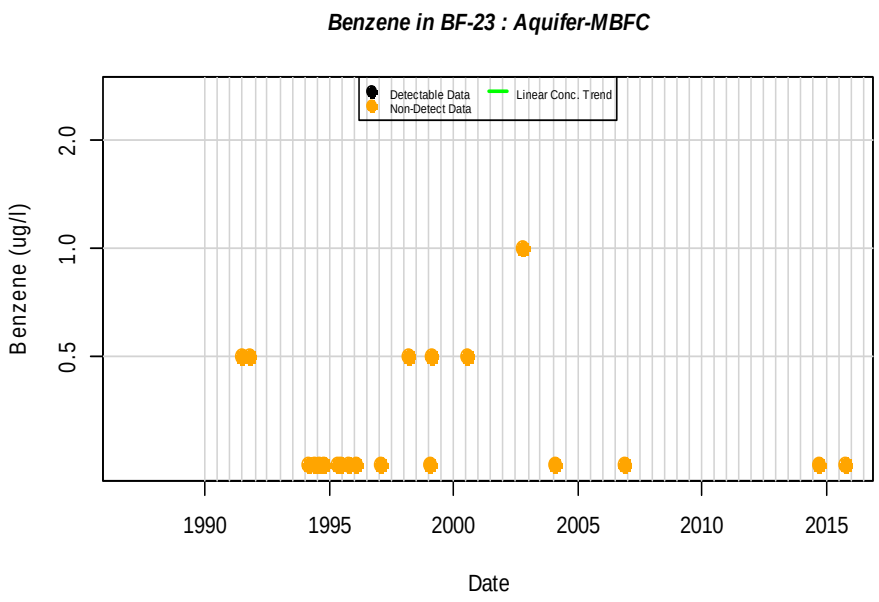

Benzene in BF-11 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
1.0
5.0
20.0
100.0
500.0
1990
1995
2000
2005
2010
2015
Date

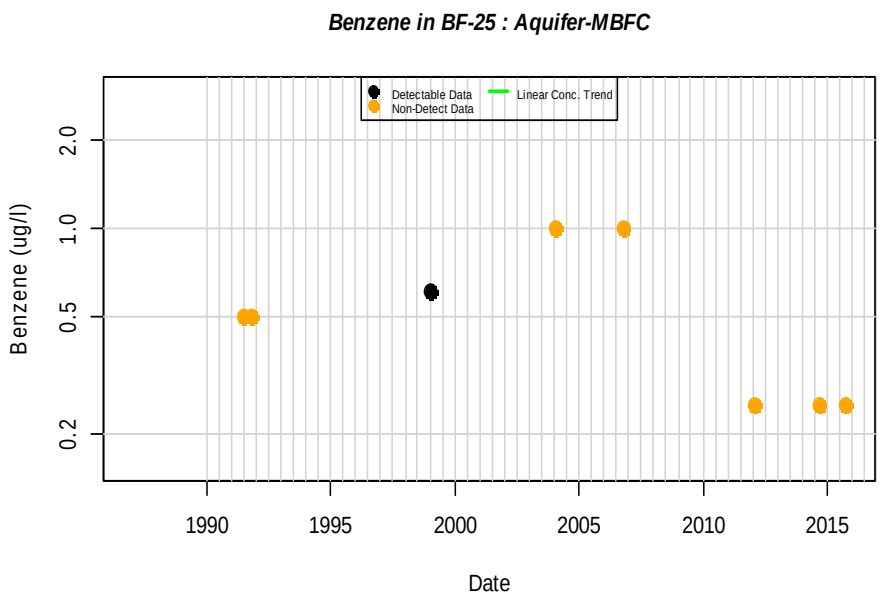

Benzene in BF-13 : Aquifer-MBFC
Mann-Kendall P.Value= <0.01; Half-Life= 662 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+00
1e+02
1e+04
1e+06
1990
1995
2000
2005
2010
2015
Date

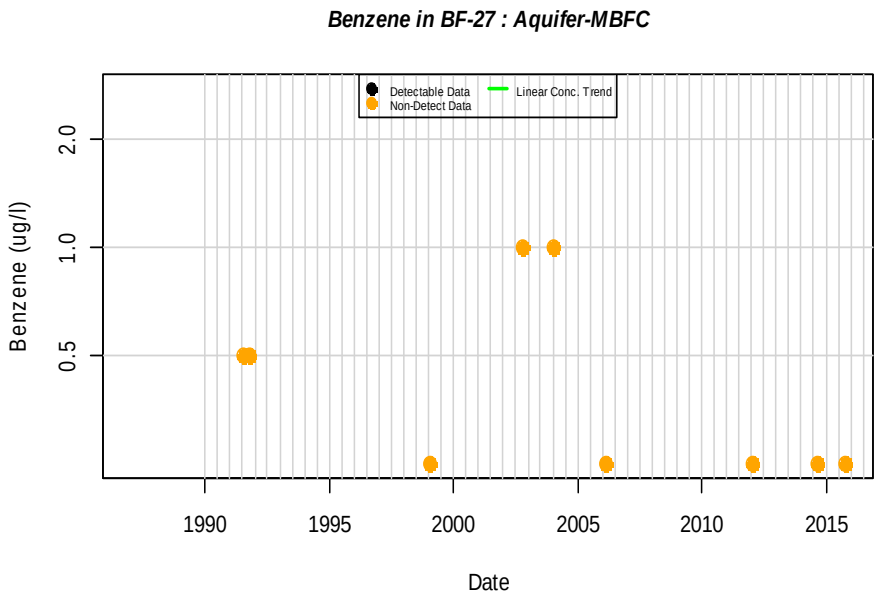

Benzene in BF-14 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0536; Half-Life= 1782 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

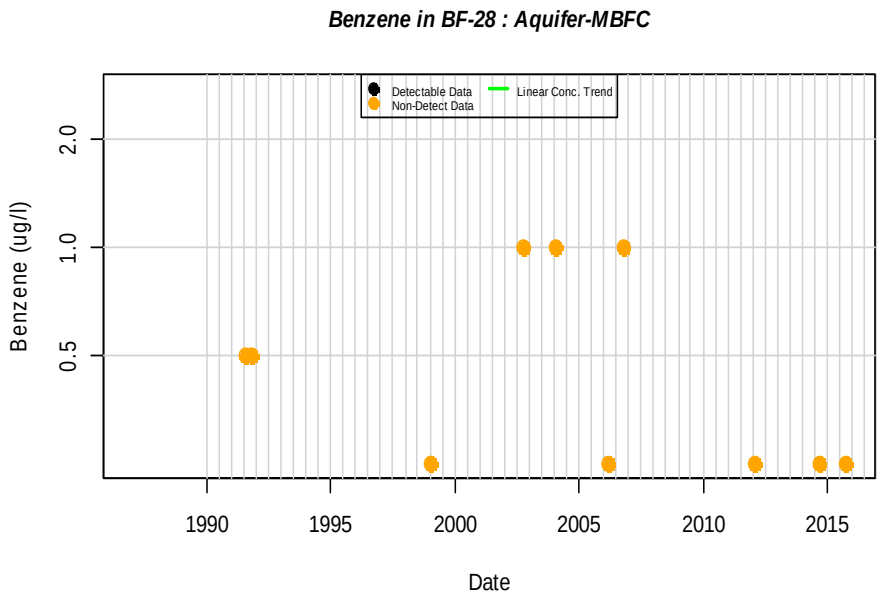

Benzene in BF-19 : Aquifer-MBFC
Mann-Kendall P.Value= 0.377; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

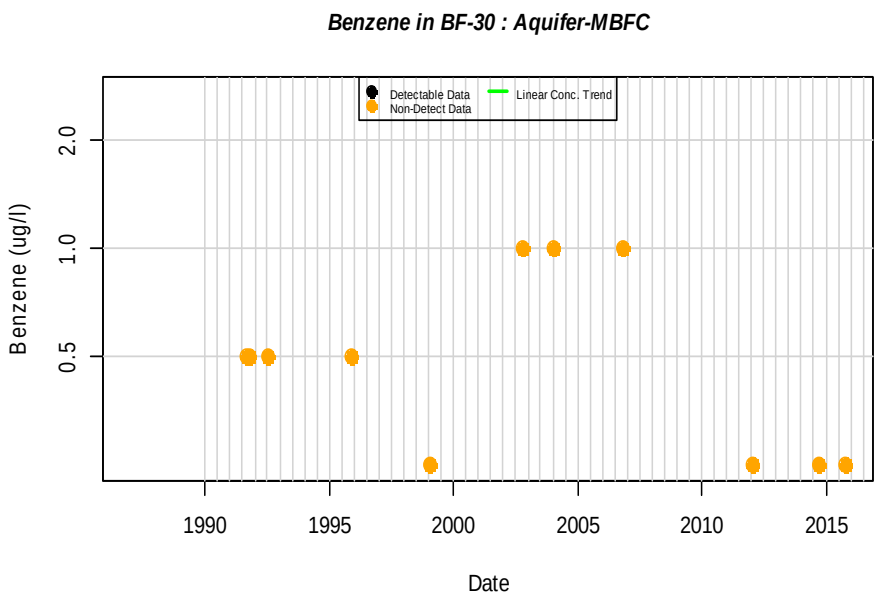

Benzene in BF-22 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

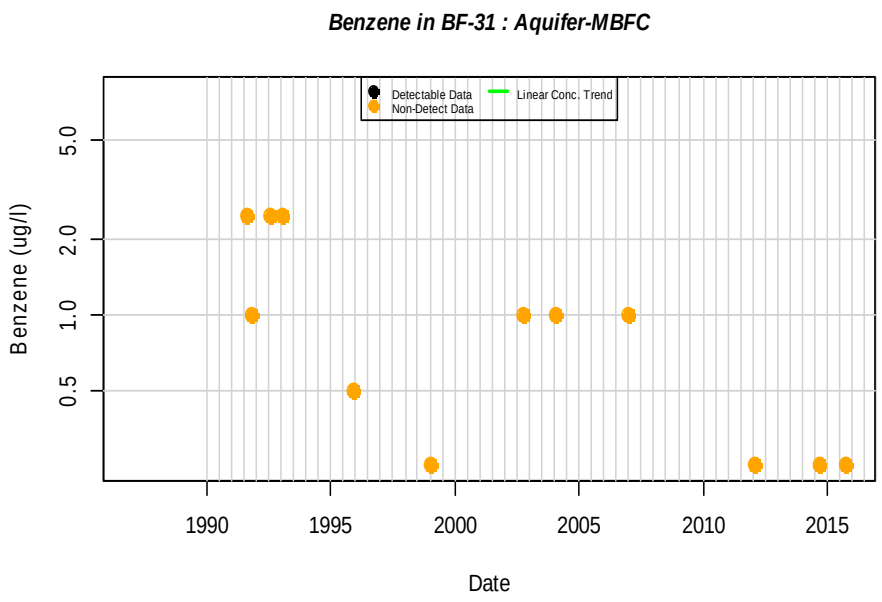

Benzene in BF-23 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

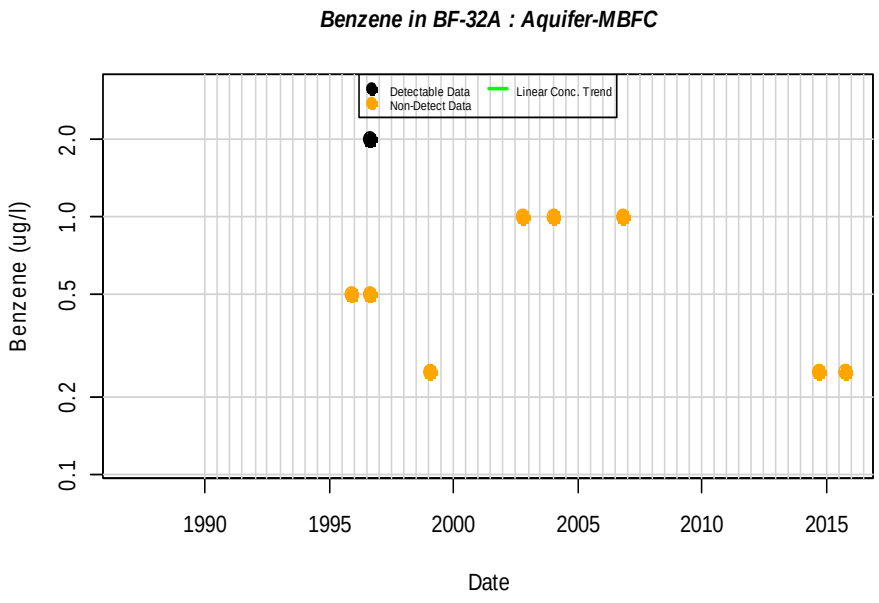

Benzene in BF-25 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

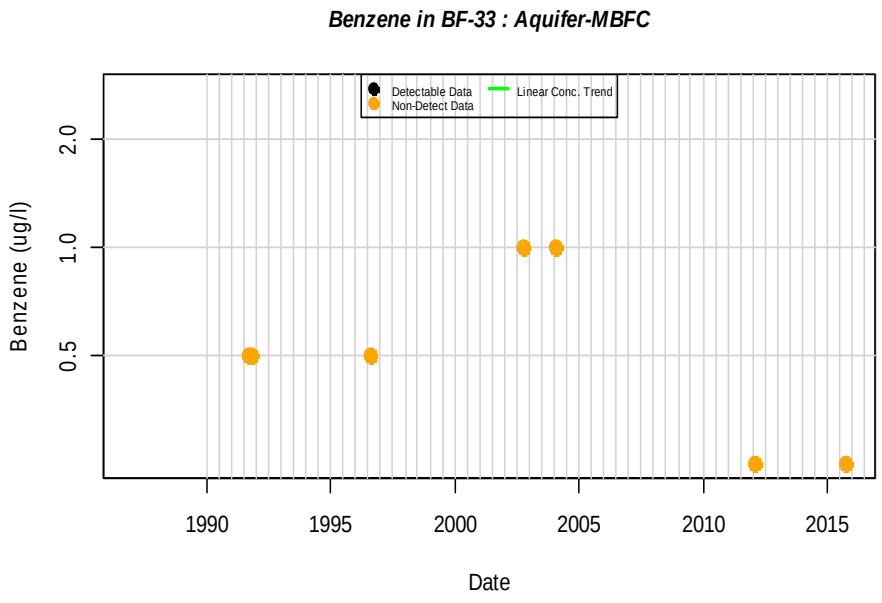

Benzene in BF-27 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

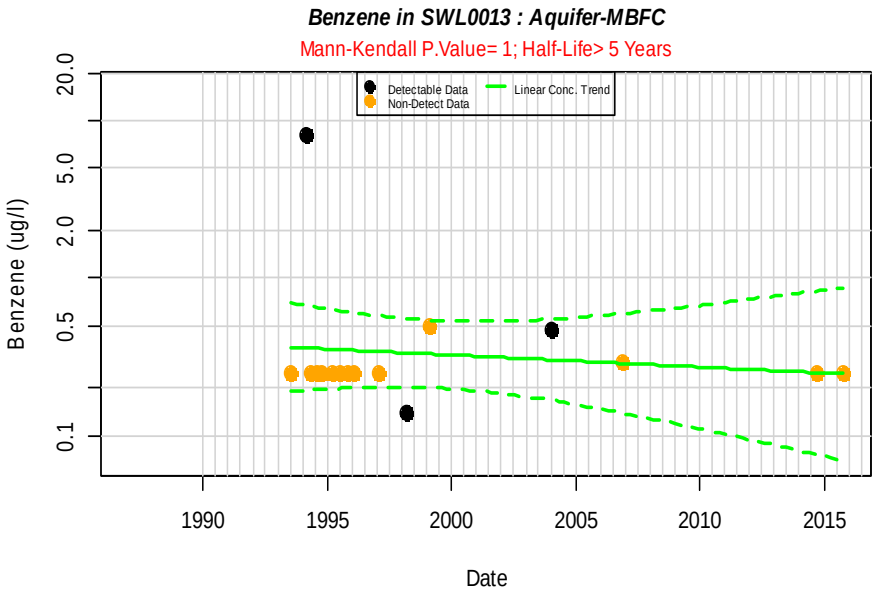

Benzene in BF-28 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

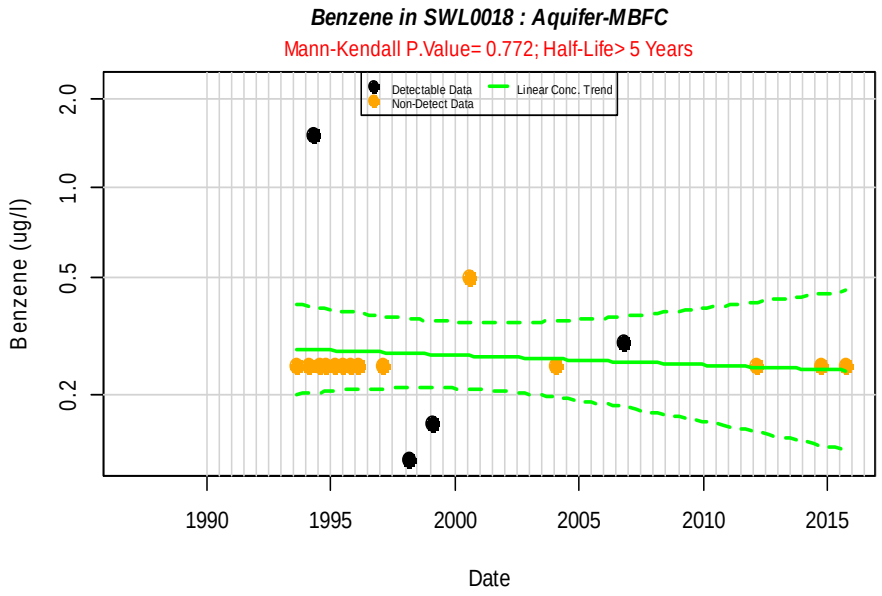

Benzene in BF-30 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

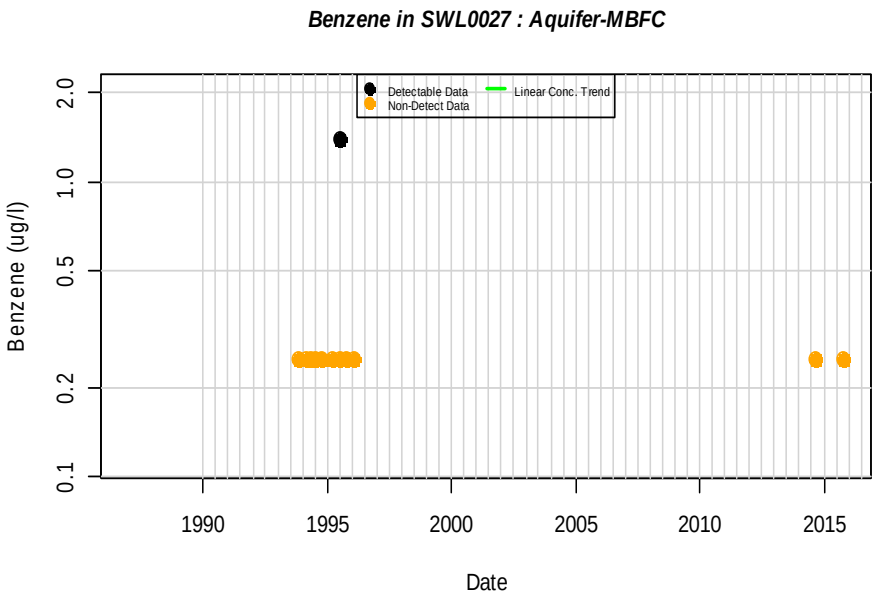

Benzene in BF-31 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

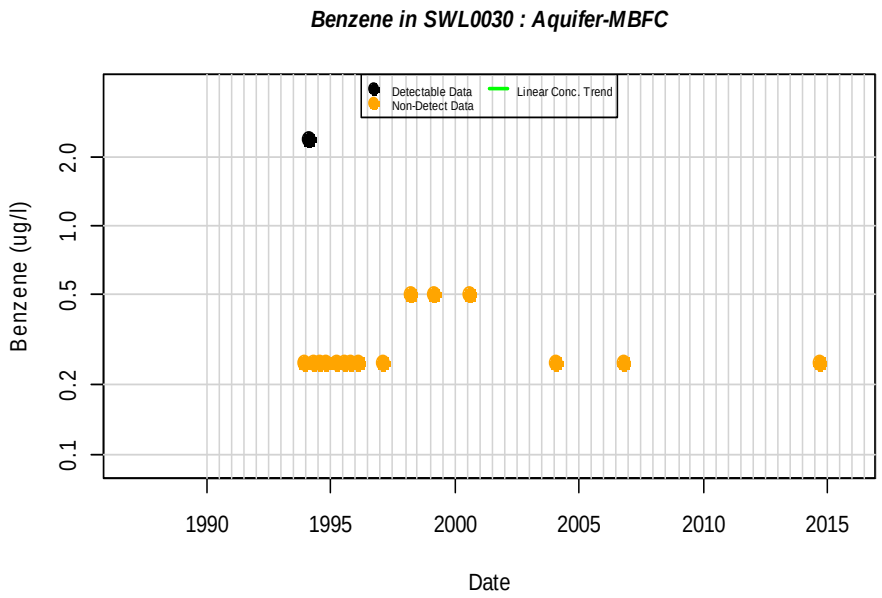

Benzene in BF-32A : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.2
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

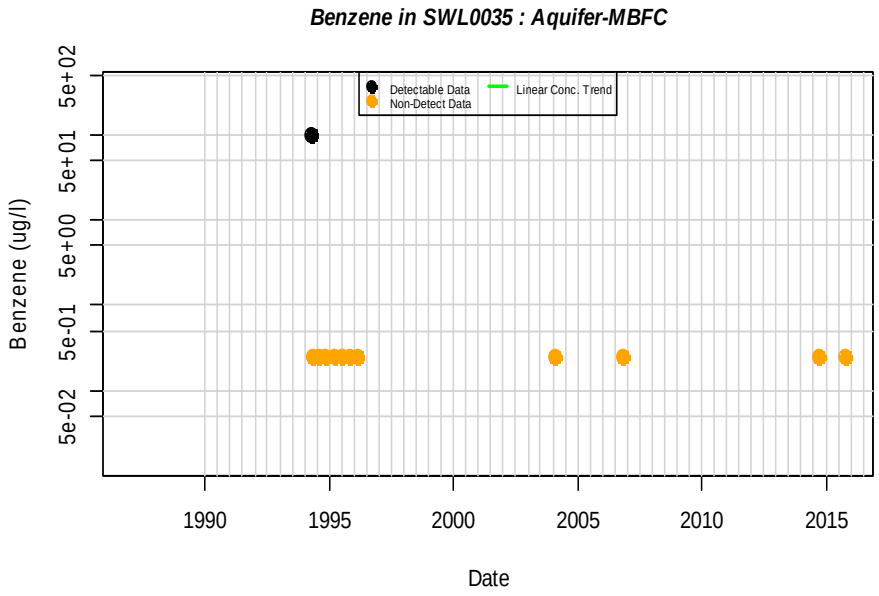

Benzene in BF-33 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

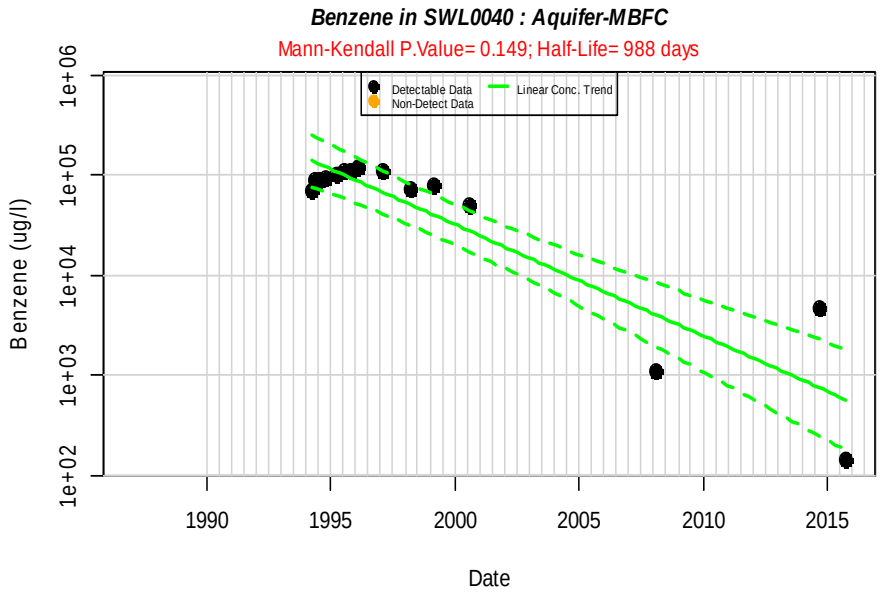

Benzene in SWL0013 : Aquifer-MBFC
Mann-Kendall P.Value= 1; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
20.0
5.0
2.0
0.5
0.1
1990
1995
2000
2005
2010
2015
Date

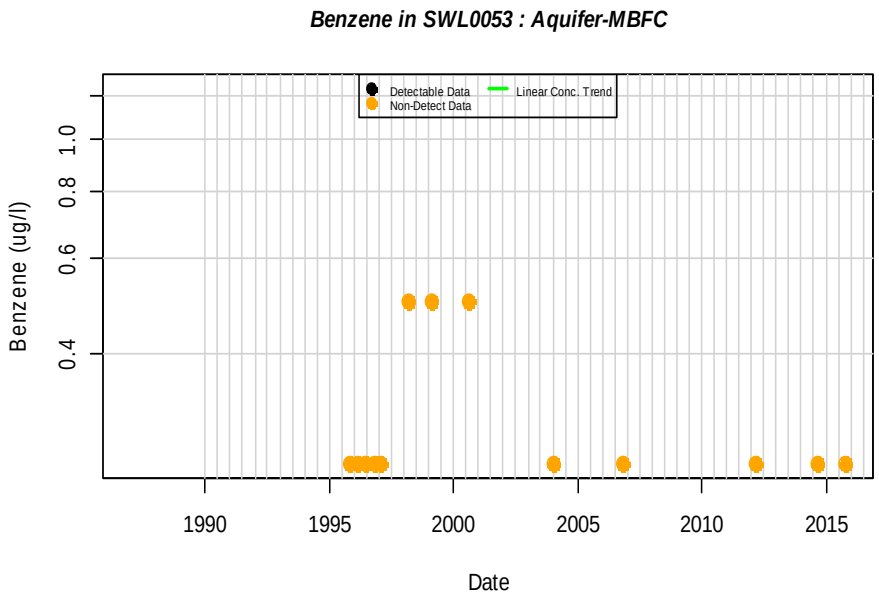

Benzene in SWL0018 : Aquifer-MBFC
Mann-Kendall P.Value= 0.772; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2.0
1.0
0.5
0.2
1990
1995
2000
2005
2010
2015
Date

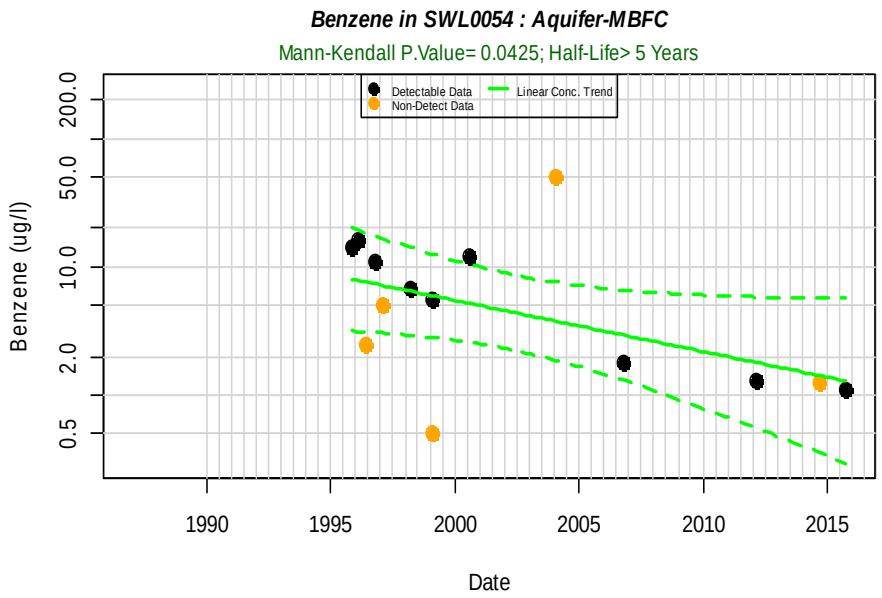

Benzene in SWL0027 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2.0
1.0
0.5
0.2
0.1
1990
1995
2000
2005
2010
2015
Date

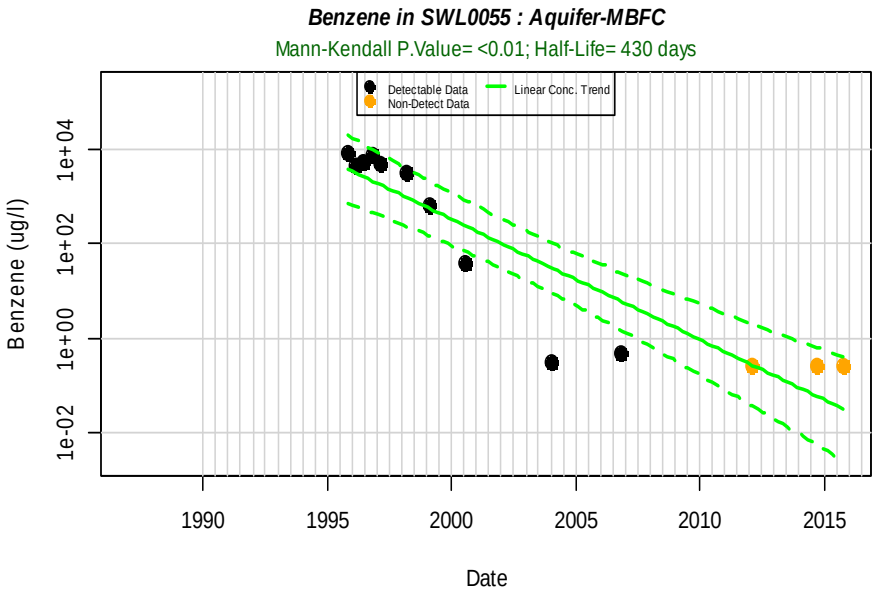

Benzene in SWL0030 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
2.0
1.0
0.5
0.2
0.1
1990
1995
2000
2005
2010
2015
Date

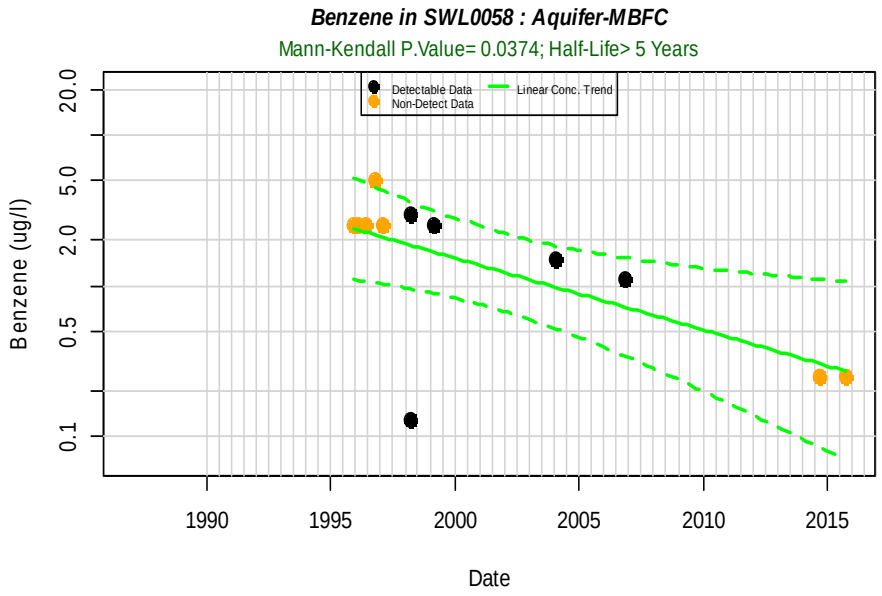

Benzene in SWL0035 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
5e+02
1990
1995
2000
2005
2010
2015
Date

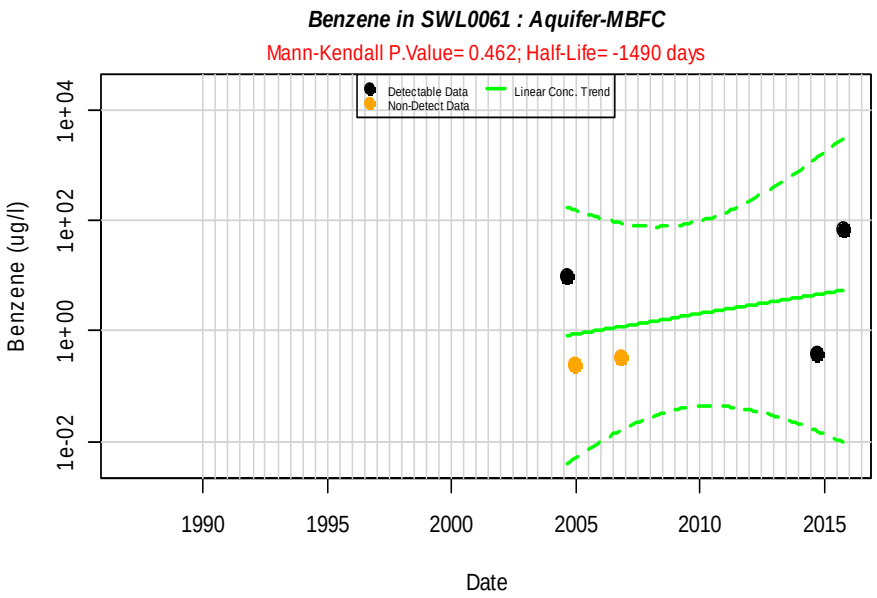

Benzene in SWL0040 : Aquifer-MBFC
Mann-Kendall P.Value= 0.149; Half-Life= 988 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e+02
1e+03
1e+04
1e+05
1e+06
1990
1995
2000
2005
2010
2015
Date

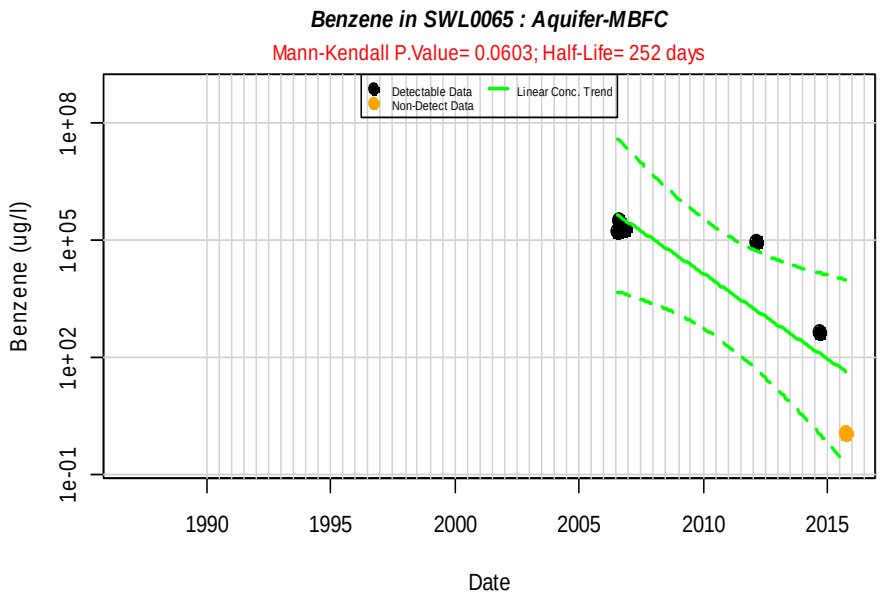

Benzene in SWL0053 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.4
0.6
0.8
1.0
1990
1995
2000
2005
2010
2015
Date

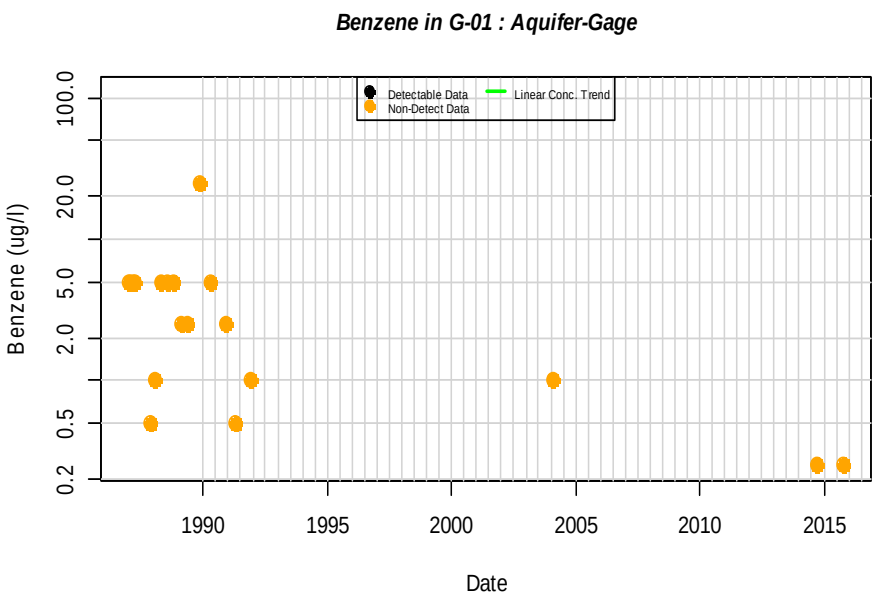

Benzene in SWL0054 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0425; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
2.0
10.0
50.0
200.0
1990
1995
2000
2005
2010
2015
Date

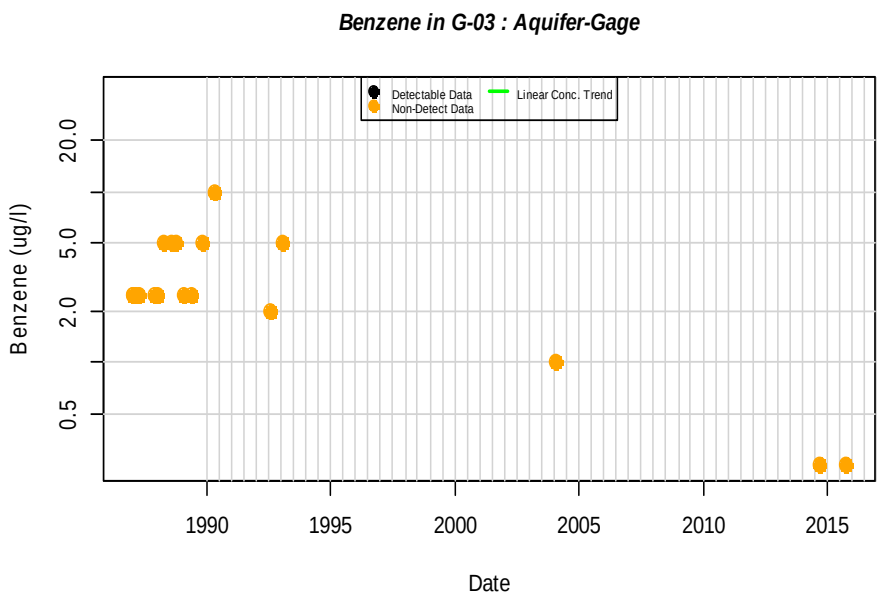

Benzene in SWL0055 : Aquifer-MBFC
Mann-Kendall P.Value= <0.01; Half-Life= 430 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-02
1e+00
1e+02
1e+04
1990
1995
2000
2005
2010
2015
Date

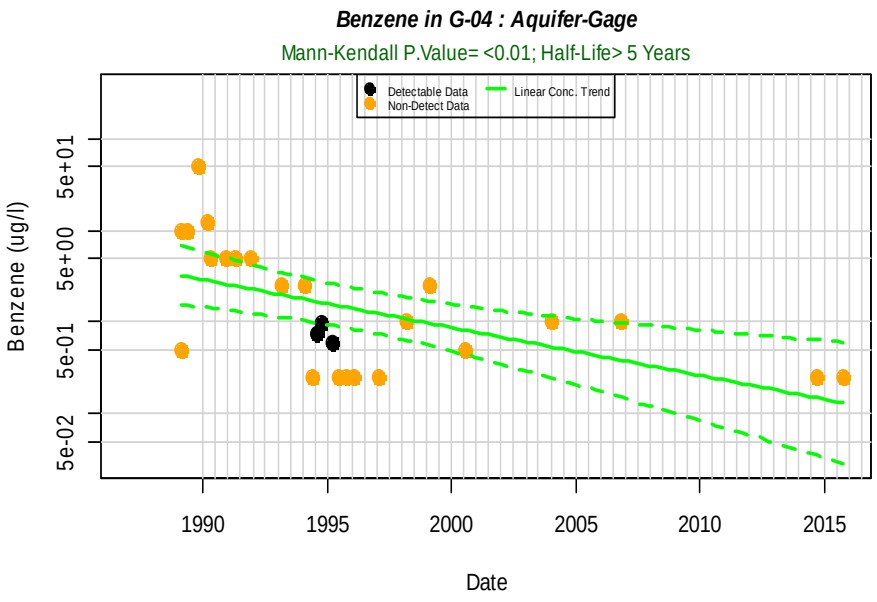

Benzene in SWL0058 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0374; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.1
0.5
2.0
5.0
20.0
1990
1995
2000
2005
2010
2015
Date

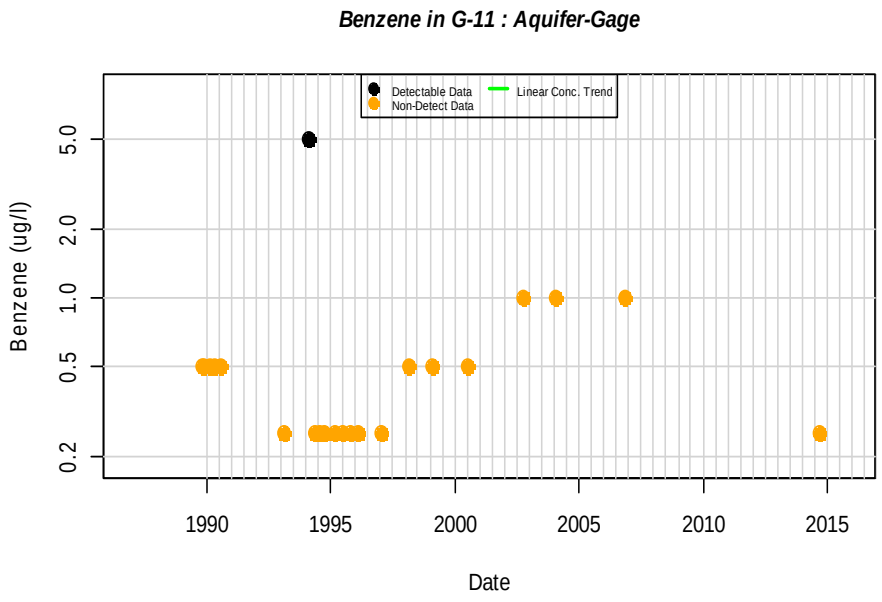

Benzene in SWL0061 : Aquifer-MBFC
Mann-Kendall P.Value= 0.462; Half-Life= -1490 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-02
1e+00
1e+02
1e+04
1990
1995
2000
2005
2010
2015
Date

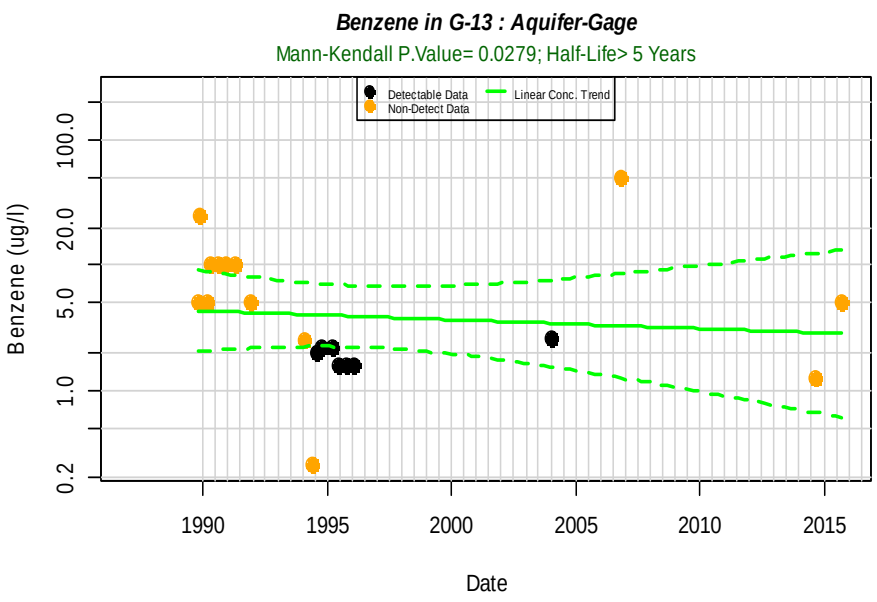

Benzene in SWL0065 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0603; Half-Life= 252 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-01
1e+02
1e+05
1e+08
1990
1995
2000
2005
2010
2015
Date

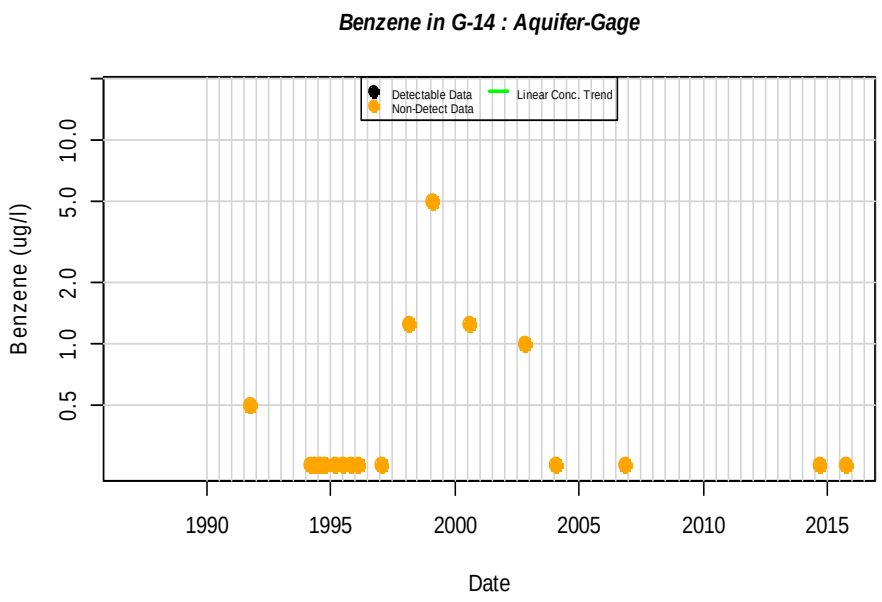

Benzene in G-01 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

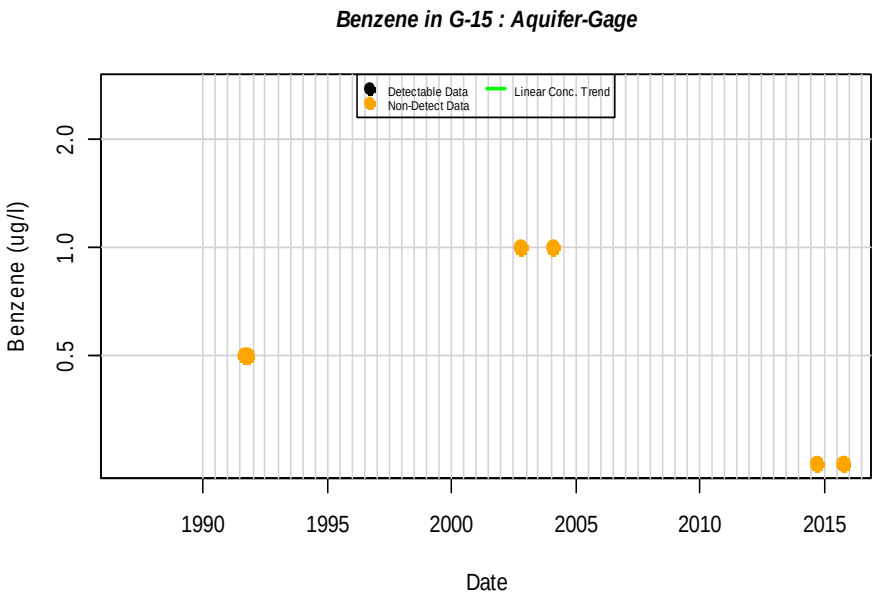

Benzene in G-03 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
2.0
5.0
20.0
1990
1995
2000
2005
2010
2015
Date

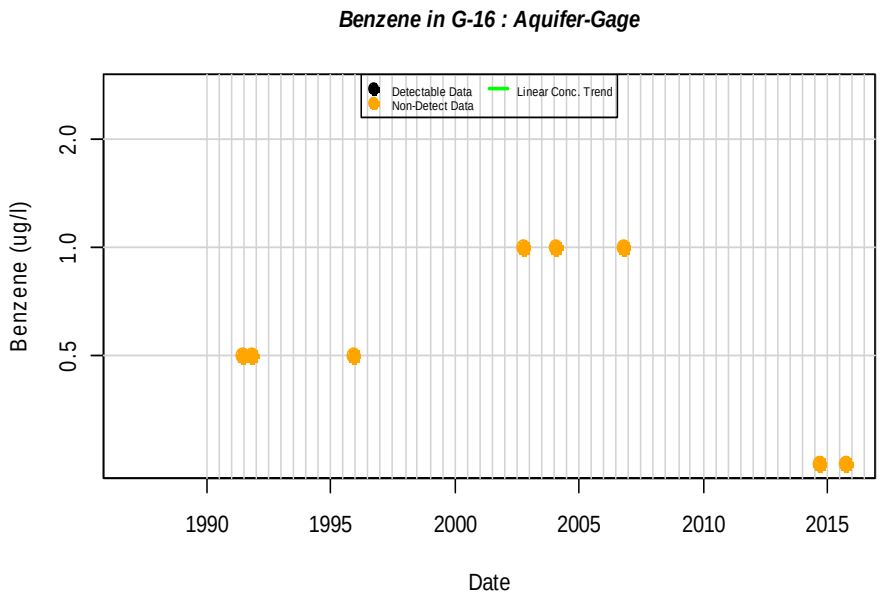

Benzene in G-04 : Aquifer-Gage
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
5e-02
5e-01
5e+00
5e+01
1990
1995
2000
2005
2010
2015
Date

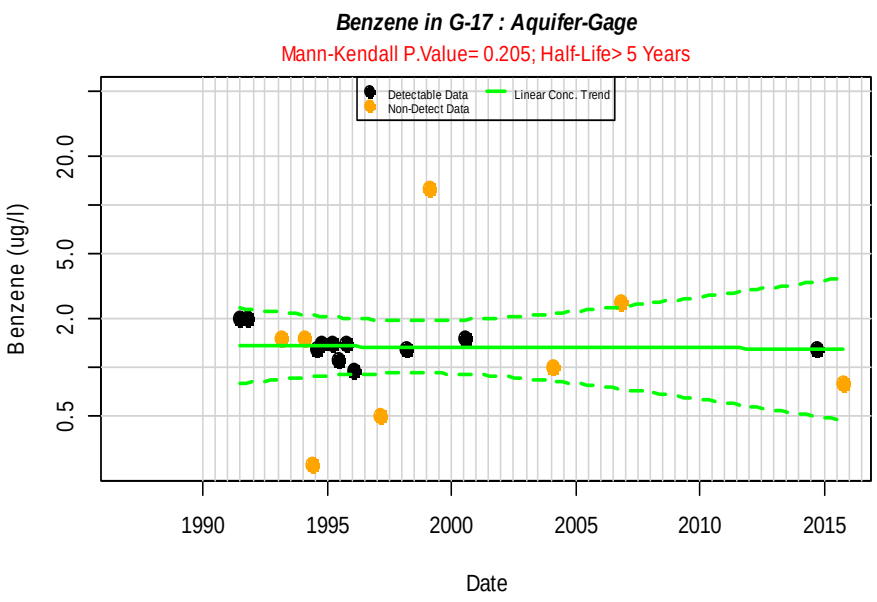

Benzene in G-11 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

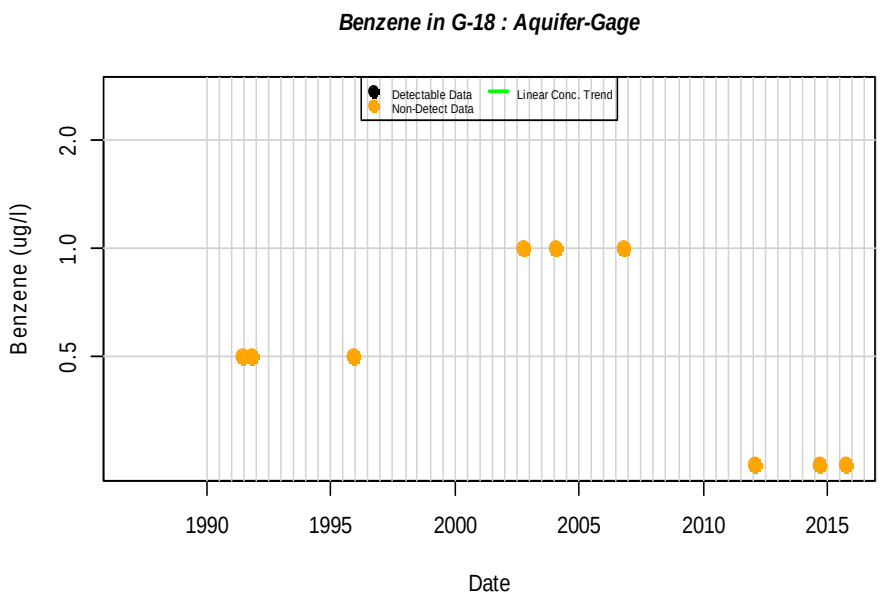

Benzene in G-13 : Aquifer-Gage
Mann-Kendall P.Value= 0.0279; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

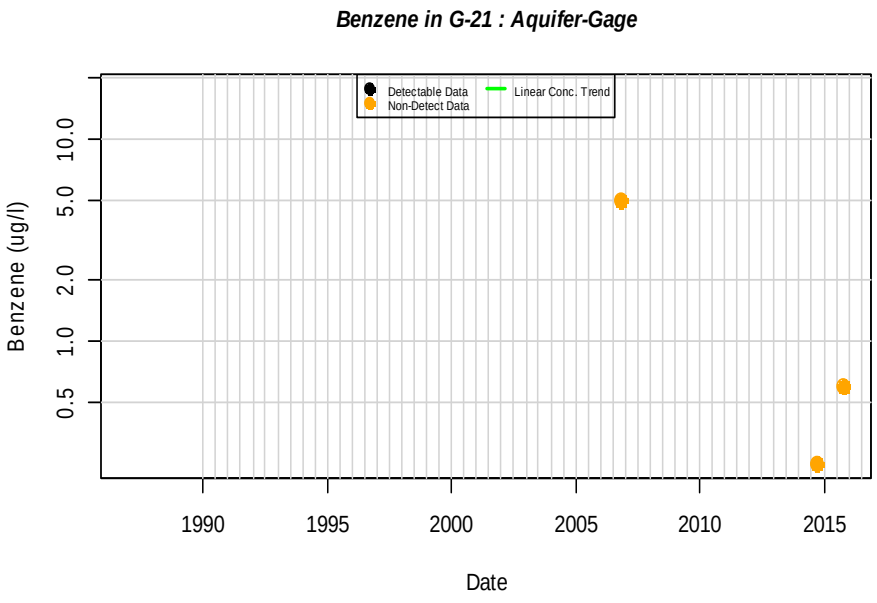

Benzene in G-14 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
10.0
1990
1995
2000
2005
2010
2015
Date

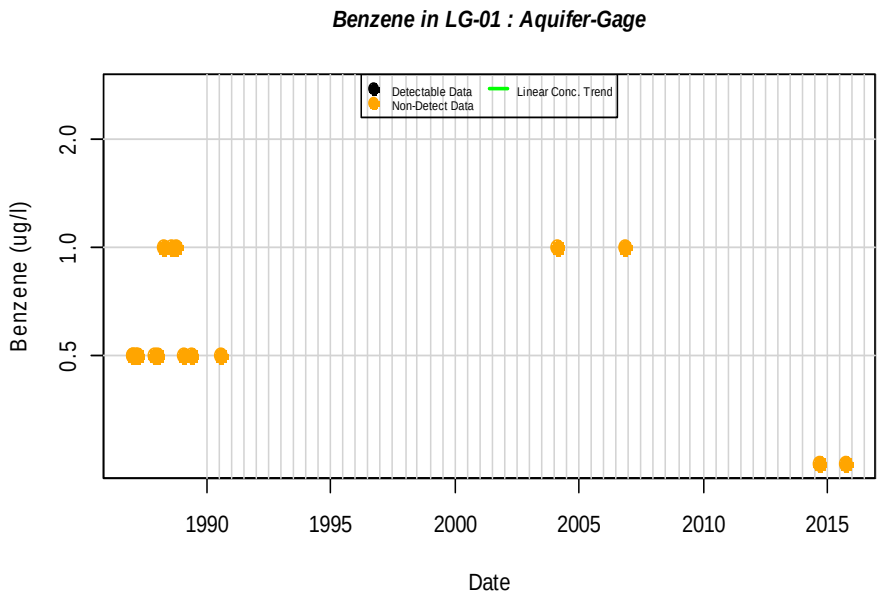

Benzene in G-15 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

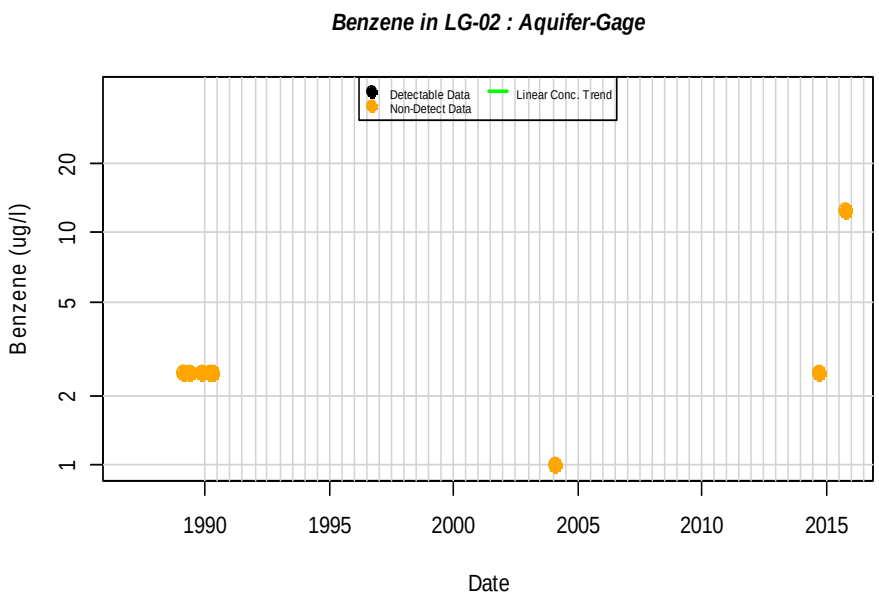

Benzene in G-16 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

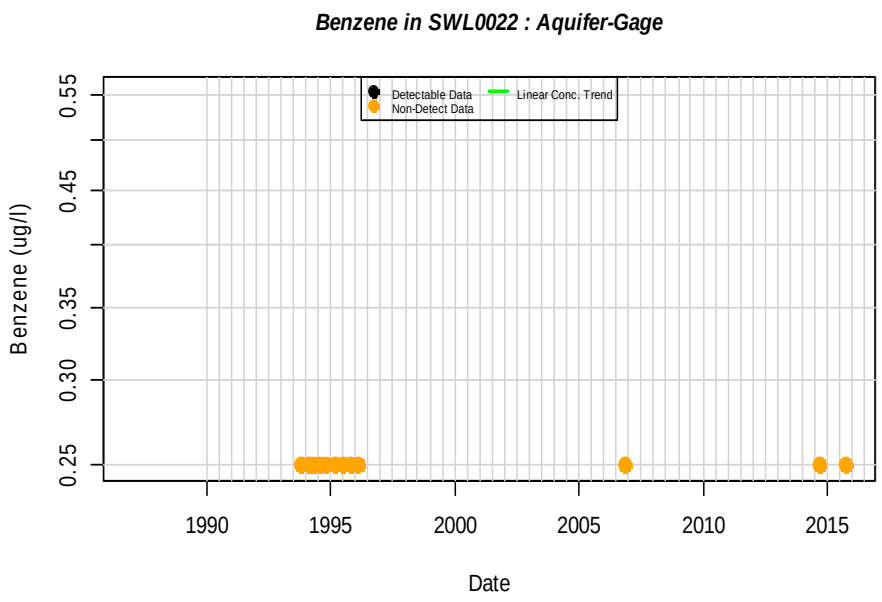

Benzene in G-17 : Aquifer-Gage
Mann-Kendall P.Value= 0.205; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
2.0
5.0
20.0
1990
1995
2000
2005
2010
2015
Date

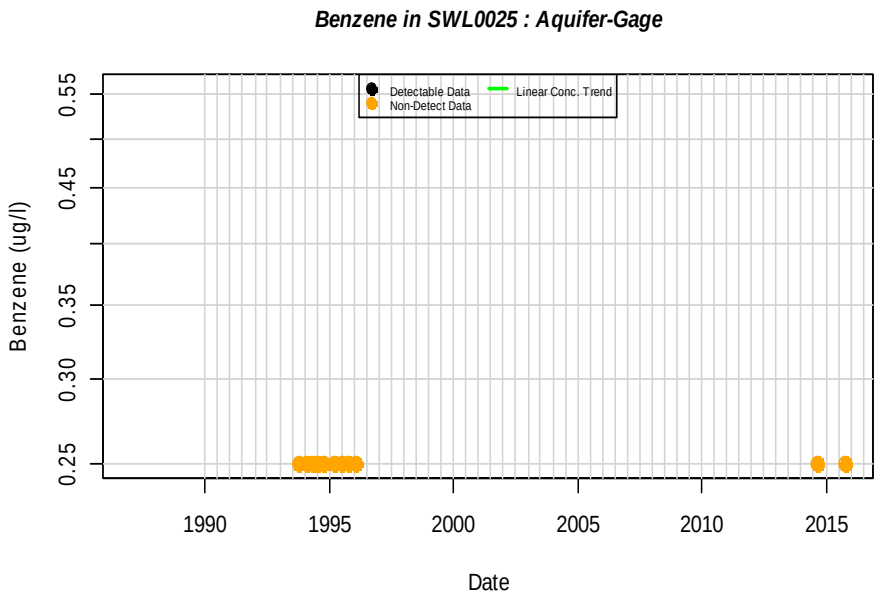

Benzene in G-18 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

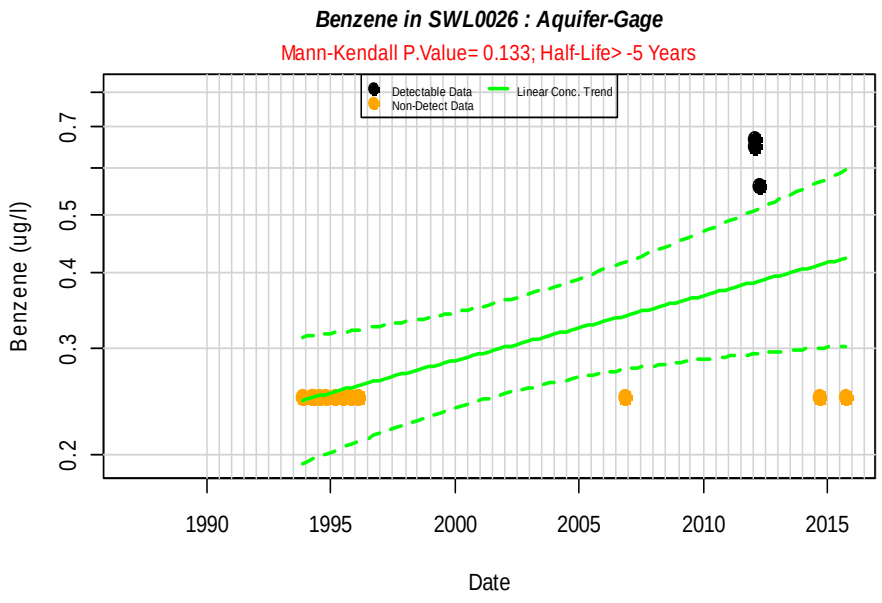

Benzene in G-21 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
5.0
10.0
1990
1995
2000
2005
2010
2015
Date

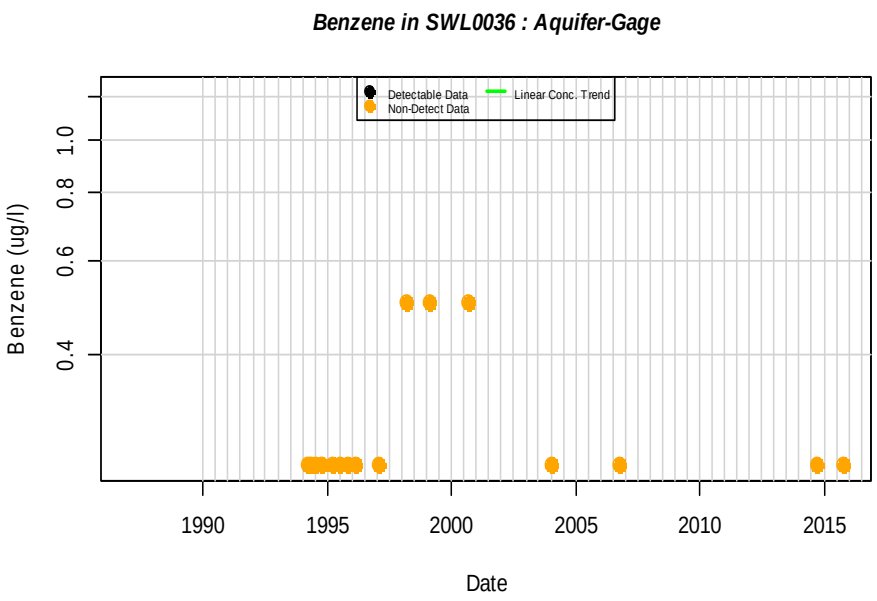

Benzene in LG-01 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

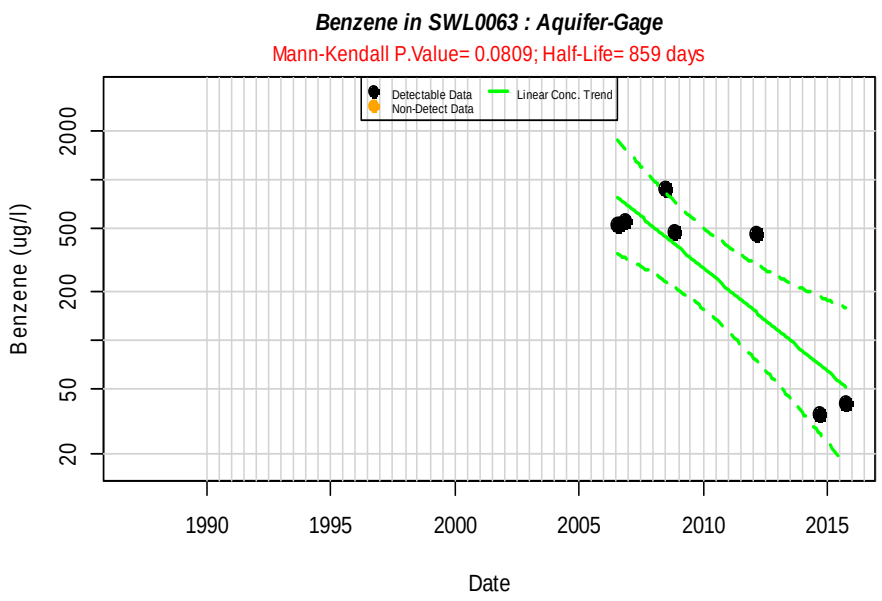

Benzene in LG-02 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1
2
5
10
20
1990
1995
2000
2005
2010
2015
Date

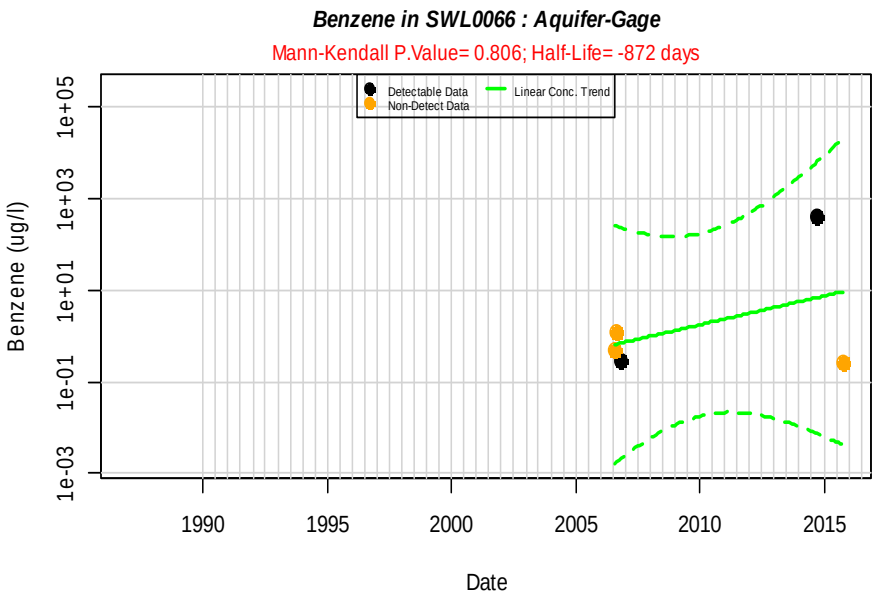

Benzene in SWL0022 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.25
0.30
0.35
0.45
0.55
1990
1995
2000
2005
2010
2015
Date


Benzene in SWL0025 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.25
0.30
0.35
0.45
0.55
1990
1995
2000
2005
2010
2015
Date


Benzene in SWL0026 : Aquifer-Gage
Mann-Kendall P.Value= 0.133; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.2
0.3
0.4
0.5
0.7
1990
1995
2000
2005
2010
2015
Date


Benzene in SWL0036 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
0.4
0.6
0.8
1.0
1990
1995
2000
2005
2010
2015
Date


Benzene in SWL0063 : Aquifer-Gage
Mann-Kendall P.Value= 0.0809; Half-Life= 859 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
20
50
200
500
2000
1990
1995
2000
2005
2010
2015
Date


Benzene in SWL0066 : Aquifer-Gage
Mann-Kendall P.Value= 0.806; Half-Life= -872 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Benzene (ug/l)
1e-03
1e-01
1e+01
1e+03
1e+05
1990
1995
2000
2005
2010
2015
Date

APPENDIX G

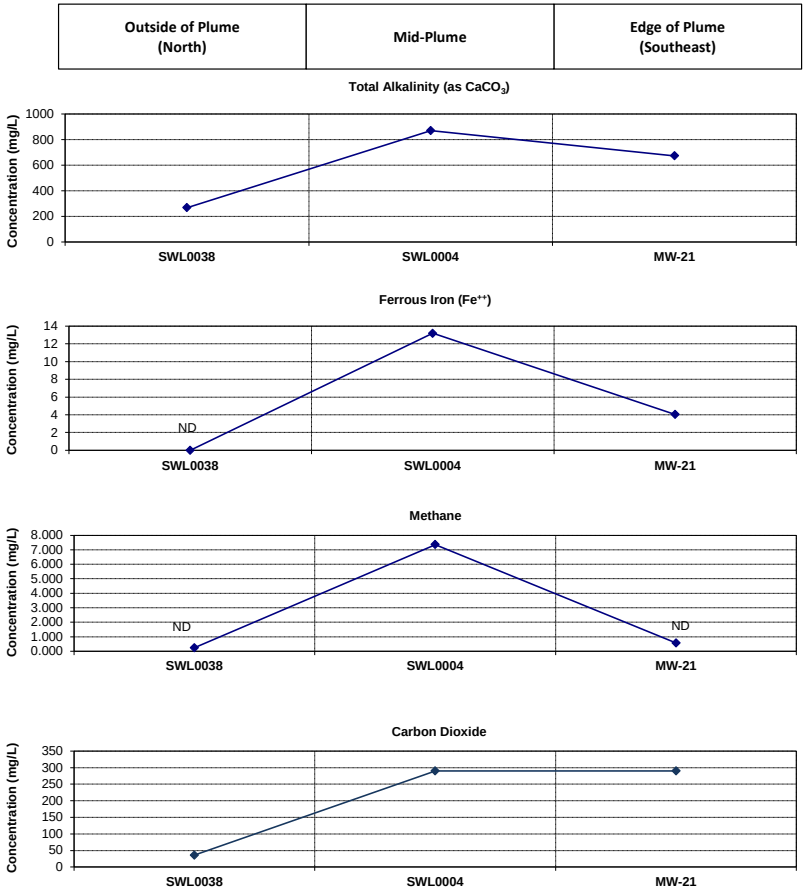
BIODEGRADATION ANALYSIS

Table G-1
Data Table for Biodegradation Indicator Figures

		Alkalinity, Total (as CaCO3) (mg/l)	Ferrous Iron Fe(II) (mg/l)	Methane (ug/l)	Carbon Dioxide (mg/l)	Nitrate (as N) (mg/l)	Sulfate (mg/l)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (mV)
Water Table Transect 1	**Well ID**								
Outside of Plume (North)	SWL0038	269	ND<0.1	0.242	36	0.19	110	1.89	-11.6
Mid-Plume	SWL0004	871	13.2	7.36	290	ND<0.1	10	0.19	-137.0
Edge of Plume (Southeast)	MW-21	674	4.04	0.569	290	ND<0.1	130	0.38	-126.0
Water Table Transect 2									
Mid-Plume	MW-28	1070	44	37.7	630	ND<0.1	2.2	0.13	-126.1
Edge of Plume	SWL0008	624	7.51	553	230	ND<0.1	26	0.30	-114.1
Outside of Plume	SWL0006	419	ND<0.1	23.6	86	ND<0.1	250	1.78	-3.8
Water Table Transect 3									
Outside of Plume (North)	PZL0012	580	5.4	17.4	280	ND<0.1	180	2.15	-34.9
Mid-Plume	PZL0013	756	1.8	1840	280	ND<0.1	160	1.11	-176.9
Outside of Plume	SWL0021	885	4.2	85.4	770	ND<0.1	220	0.41	-78.2
Outside of Plume (X)	SWL0024	664	0.26	57.3	270	ND<0.1	250	1.65	-63.5
Water Table Transect 4									
Outside of Plume (Northwest)	SWL0046	534	ND<0.1	0.042	120	13	290	2.2	79.0
Mid-Plume	SWL0068	750	4.2	41.2	300	ND<0.1	13	1.29	-150.7
Edge of Plume (South)	PZL0026	669	1.72	2.96	250	ND<0.1	340	0.19	-44.1
Outside of Plume (South)	SWL0024	664	0.26	57.3	270	ND<0.1	250	1.65	-63.5
Edge of Plume (South; X)	PZL0012	580	5.4	17.4	280	ND<0.1	180	2.15	-34.9
MBFB Transect 1									
Outside of Plume (North)	SWL0047	163	1.35	221	75	ND<0.1	0.77	0.74	-164.2
Mid-Plume	SWL0048	748	0.56	93.8	170	ND<0.1	ND<1	0.56	-166.2
Outside of Plume	XP-02	525	0.065	2.74	140	ND<0.1	46	1.36	25.8
Mid-Plume	SWL0050	538	0.28	6.39	100	ND<0.1	200	0.28	-183.9
Outside of Plume (Southeast)	G-01WC	301	0.64	9.49	78	ND<0.1	220	0.78	-119.4
Outside of Plume (North; X)	SWL0037	231	ND<0.1	1.72	18	ND<0.1	81	0.19	-7.4

Note:
The Dissolved Oxygen and Oxidation Reduction Potential values are the last (stabilised) measurement from the groundwater sampling data sheets.

Figure G-1
Biodegradation Indicators
Water Table Transect 1



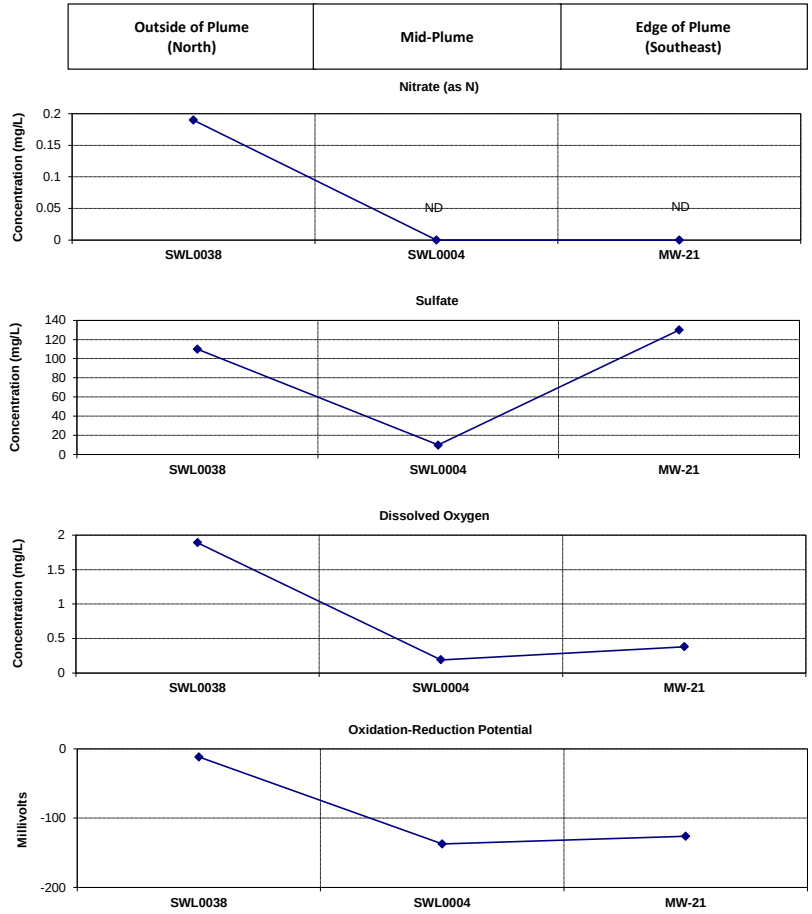
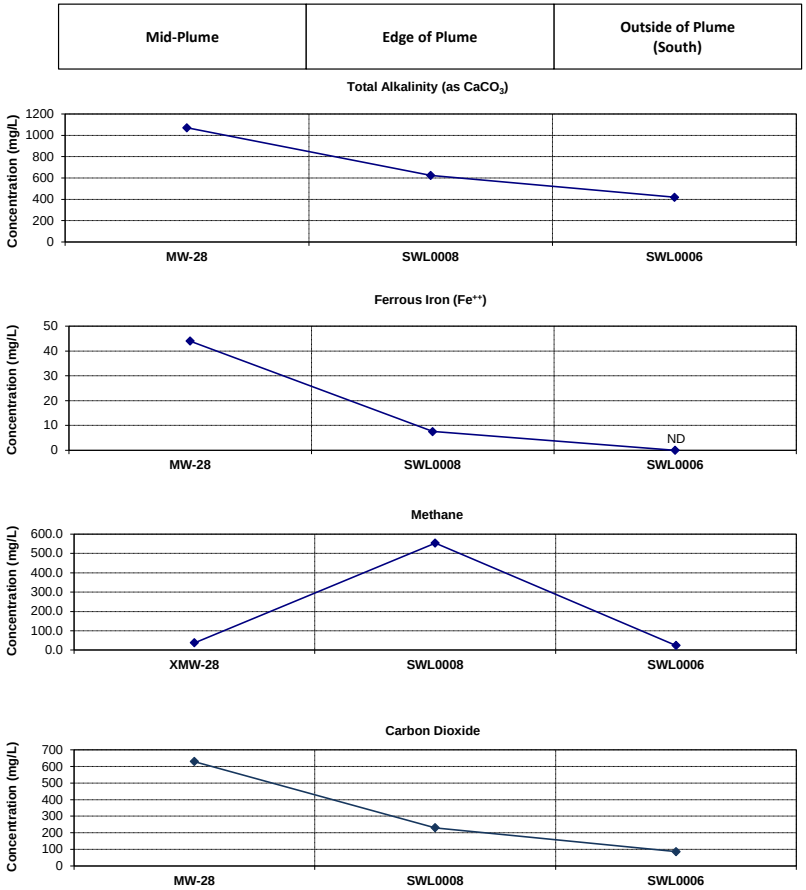


Figure G-2
Biodegradation Indicators
Water Table Transect 2



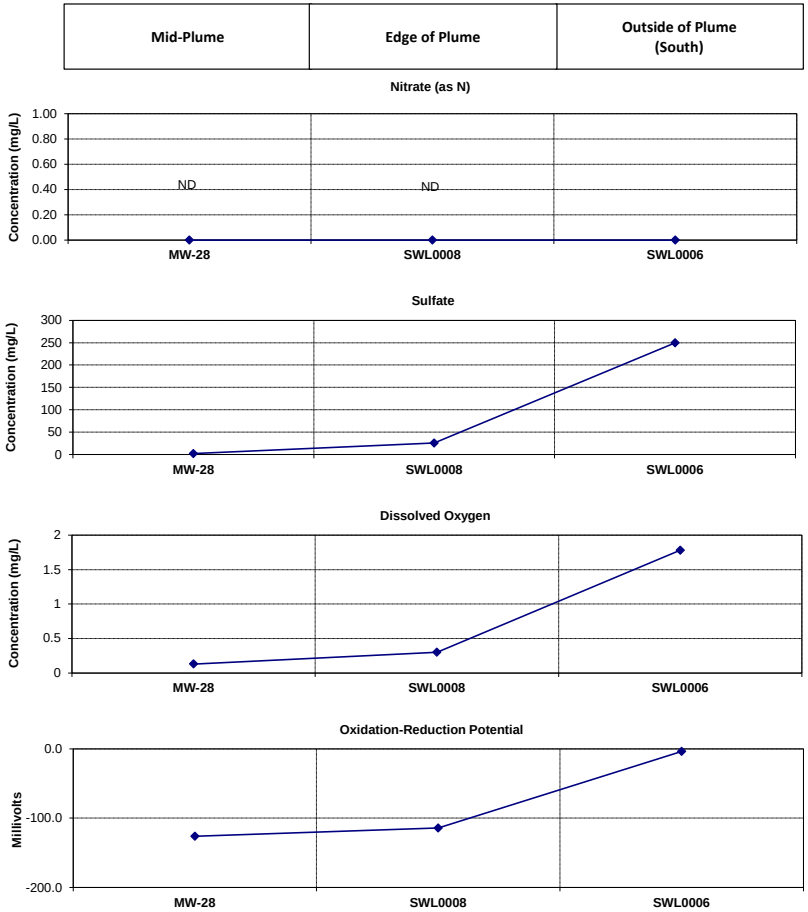


Figure G-3
Biodegradation Indicators
Water Table Transect 3

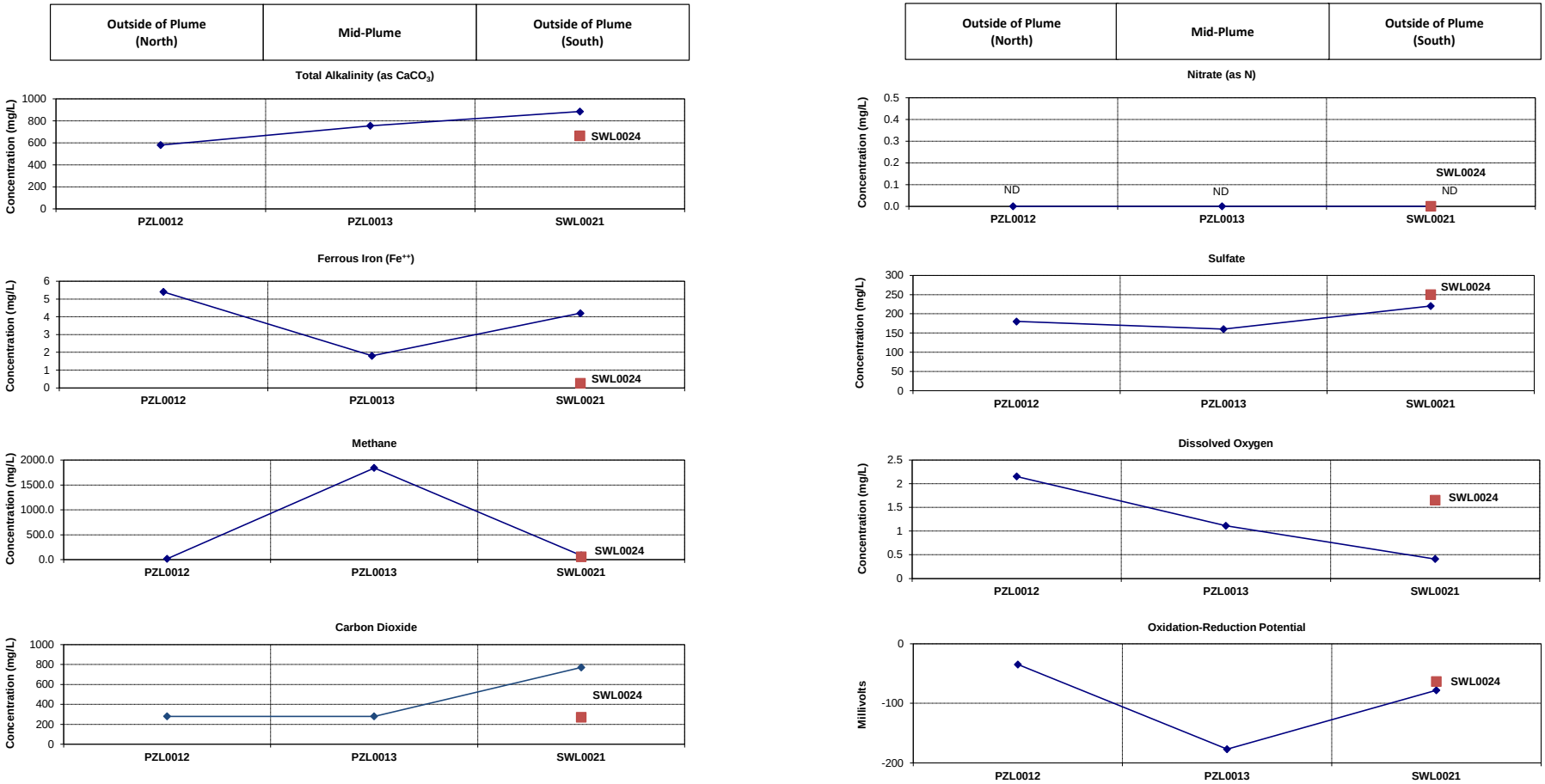
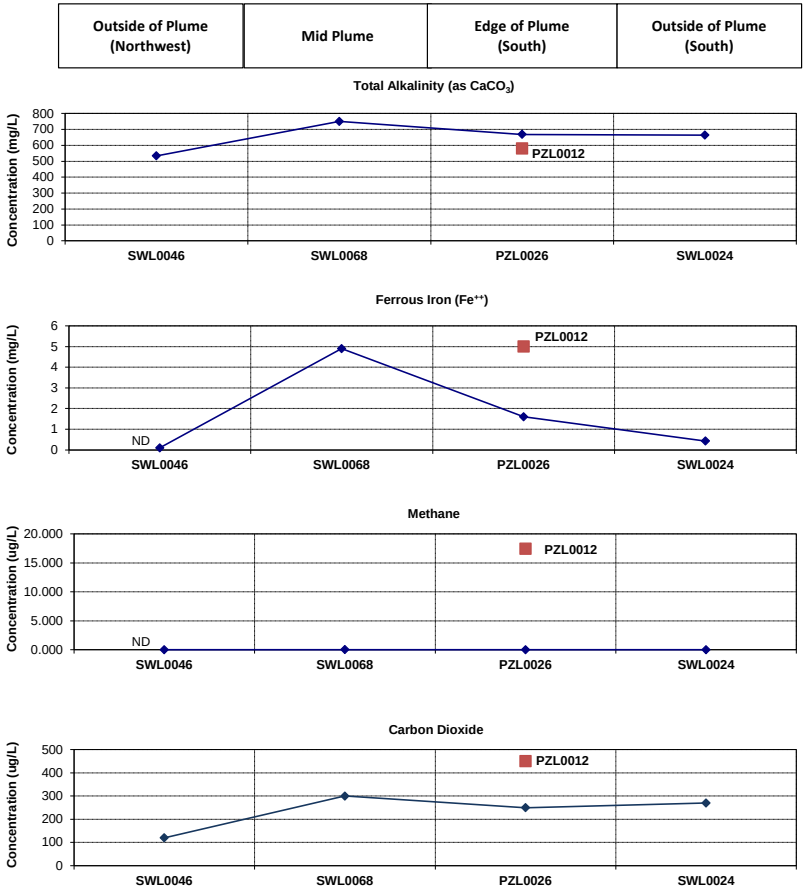
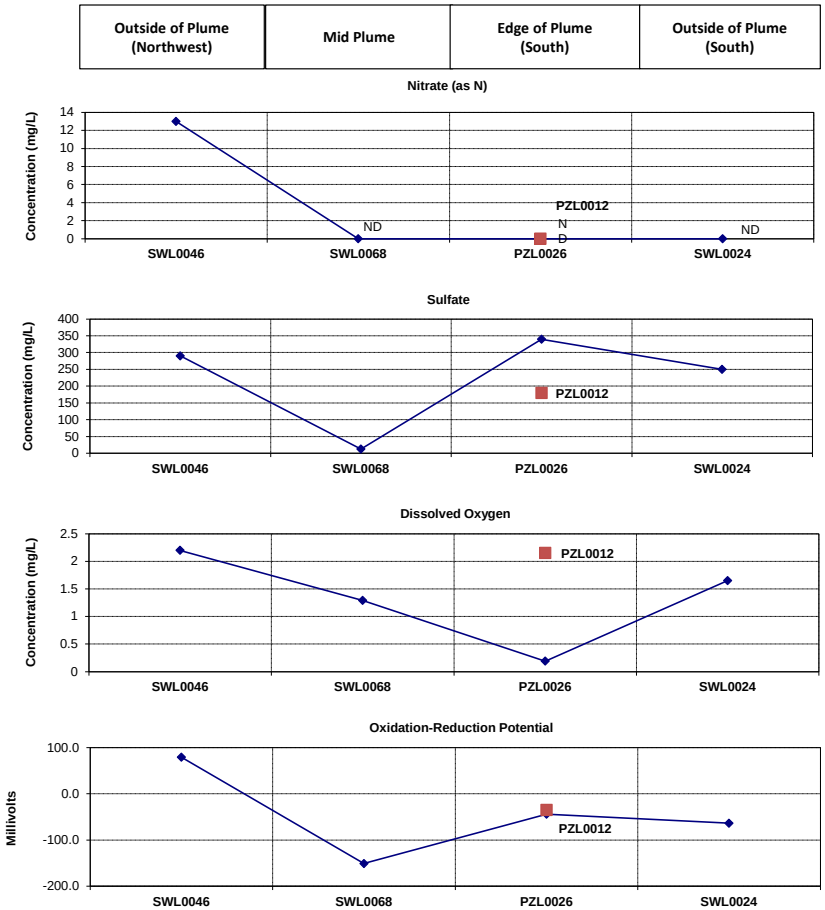


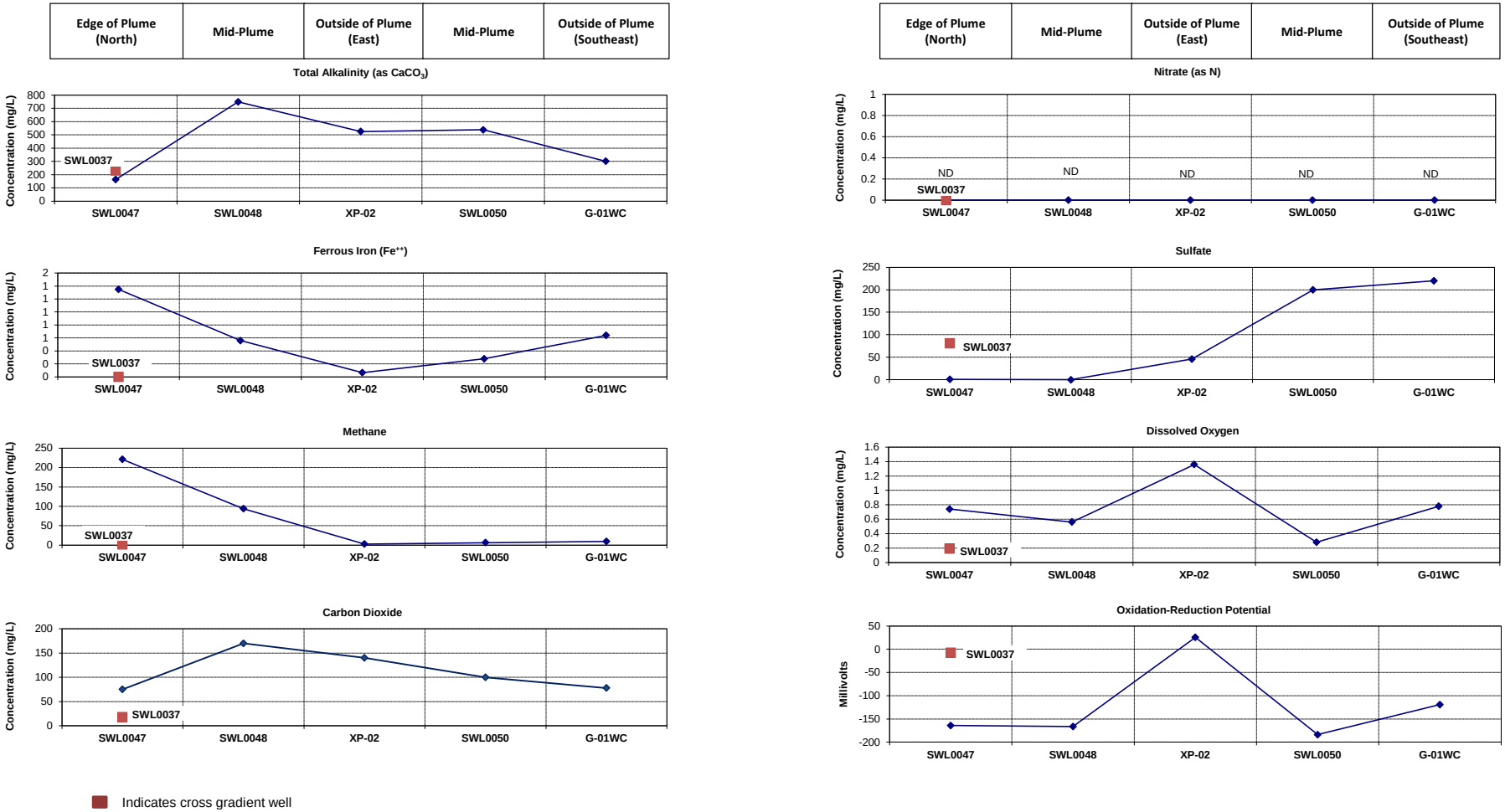
Figure G-4
Biodegradation Indicators
Water Table Transect 4





Indicates cross gradient well

Figure G-5
Biodegradation Indicators
MBFB Transect 1



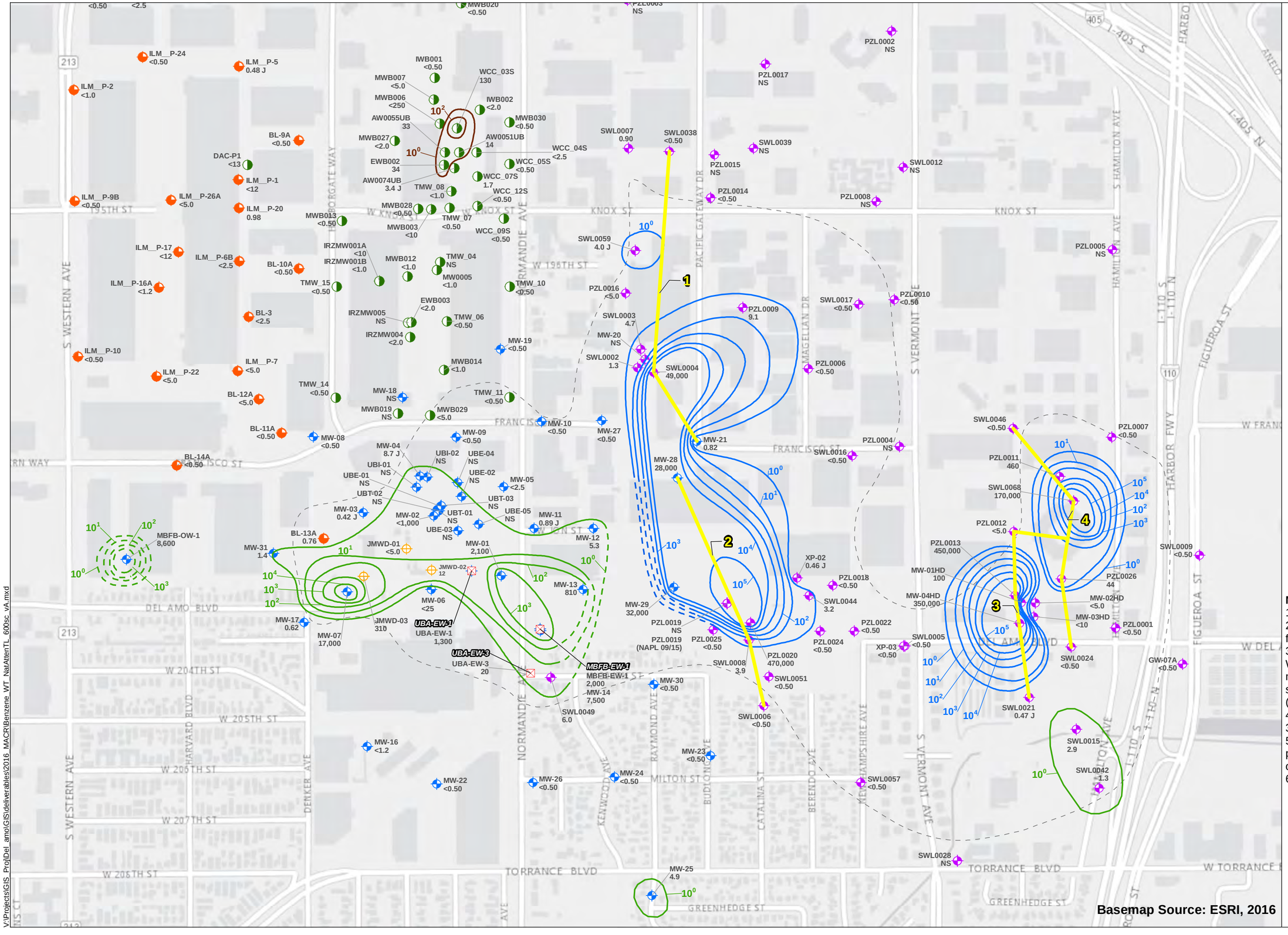


Figure G-6
Dissolved Benzene Distribution With Natural Attenuation Transects Water Table
Dual Site Groundwater Operable Unit
Los Angeles, California
2015 Baseline MACR
Natural Attenuation Transect
Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
Montrose Well Result
Del Amo Well
Boeing Well Result
ILM Well Result
Jones Well Result
TGRS Extraction Well
TGRS Injection Well
Water Table TI Waiver Zone
Facility as Labeled
Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) TGRS Extraction and Injection Wells displayed and labeled on map, however TGRS wells not sampled as part of 2015 Baseline (exception was MBFB-EW-1)
4) UBA-EW-3 sampled on 3/12/2015
5) (NAPL 09/15): Non-aqueous phase liquid present, and date of observation.
6) NS = Well Not Sampled
N
0 300 600 Feet
1 inch = 600 feet
Basemap Source: ESRI, 2016
1
2
3
4
KNOX ST
W 198TH ST
W 204TH ST
W 205TH ST
W 206TH ST
W 207TH ST
DEL AMO BLVD
TORRANCE BLVD
GREENHEDGE ST
MILTON ST
FRANCISCO ST
S WESTERN AVE
NORMANDIE AVE
PACIFIC GATEWAY DR
MAGELLAN DR
S VERMONT AVE
S HAMILTON AVE
HAMILTON AVE
HARBOR FWY
I-110 S
I-110 N
I-405 S
I-405 N
FIGUEROA ST
W DEL A
W FRANC
W TORRANCE
MBFB-OW-1
8,600
MBFB-EW-1
2,000
UBA-EW-1
1,300
UBA-EW-3
20
MW-28
28,000
MW-29
32,000
MW-31
1.4
MW-17
0.62
MW-07
17,000
MW-06
<25
JMWD-03
310
JMWD-01
<5.0
JMWD-02
12
MW-01
2,100
MW-13
810
MW-12
5.3
MW-11
0.89 J
MW-14
7,500
SWL0049
6.0
MW-25
4.9
MW-16
<1.2
MW-22
<0.50
MW-26
<0.50
MW-24
<0.50
MW-23
<0.50
MW-30
<0.50
SWL0006
<0.50
SWL0051
<0.50
SWL0008
3.9
PZL0020
470,000
PZL0024
<0.50
PZL0022
<0.50
PZL0025
<0.50
PZL0019
(NAPL 09/15)
PZL0019
NS
PZL0018
<0.50
XP-02
0.46 J
SWL0044
3.2
XP-03
<0.50
SWL0005
<0.50
SWL0057
<0.50
SWL0028
NS
SWL0021
0.47 J
SWL0024
<0.50
SWL0015
2.9
SWL0042
1.3
PZL0013
450,000
MW-01HD
100
MW-04HD
350,000
MW-02HD
<5.0
MW-03HD
<10
PZL0001
<0.50
PZL0026
44
SWL0009
<0.50
GW-07A
<0.50
PZL0012
<5.0
SWL0068
170,000
PZL0011
460
SWL0046
<0.50
PZL0007
<0.50
PZL0004
NS
SWL0016
<0.50
PZL0006
<0.50
SWL0017
<0.50
PZL0010
<0.50
PZL0009
9.1
SWL0004
49,000
SWL0002
1.3
SWL0003
4.7
MW-20
NS
PZL0016
<5.0
SWL0059
4.0 J
SWL0007
0.90
SWL0038
<0.50
PZL0015
NS
PZL0014
<0.50
PZL0008
NS
SWL0039
NS
SWL0012
NS
PZL0005
NS
PZL0017
NS
PZL0002
NS
MW-21
0.82
MW-27
<0.50
MW-10
<0.50
MW-19
<0.50
MW-18
NS
MW-08
<0.50
MW-09
<0.50
MW-05
<2.5
MW-04
8.7 J
MW-03
0.42 J
MW-02
<1,000
UBI-01
NS
UBI-02
NS
UBE-01
NS
UBE-02
NS
UBE-03
NS
UBE-04
NS
UBE-05
NS
UBT-01
NS
UBT-02
NS
UBT-03
NS
BL-13A
0.76
BL-14A
<0.50
BL-11A
<0.50
BL-12A
<5.0
ILM__P-10
<0.50
ILM__P-22
<5.0
ILM__P-7
<5.0
ILM__P-16A
<1.2
ILM__P-17
<12
ILM__P-6B
<2.5
BL-10A
<0.50
BL-3
<2.5
ILM__P-9B
<0.50
ILM__P-26A
<5.0
ILM__P-20
0.98
ILM__P-1
<12
DAC-P1
<13
BL-9A
<0.50
ILM__P-2
<1.0
ILM__P-24
<0.50
ILM__P-5
0.48 J
IWB001
<0.50
WCC_03S
130
MWB007
<5.0
MWB006
<250
IWB002
<2.0
AW0055UB
33
MWB030
<0.50
MWB027
<2.0
AW0051UB
14
WCC_04S
<2.5
EWB002
34
WCC_05S
<0.50
WCC_07S
1.7
AW0074UB
3.4 J
TMW_08
<1.0
WCC_12S
<0.50
MWB028
<0.50
TMW_07
<0.50
WCC_09S
<0.50
MWB013
<0.50
MWB003
<10
IRZMW001A
<10
IRZMW001B
<1.0
MWB012
<1.0
TMW_04
NS
MW0005
<1.0
TMW_15
<0.50
TMW_10
<0.50
EWB003
<2.0
IRZMW005
NS
TMW_06
<0.50
IRZMW004
<2.0
MWB014
<1.0
TMW_14
<0.50
TMW_11
<0.50
MWB019
NS
MWB029
<5.0
MWB020
<0.50
PZL0003
NS
10^0
10^1
10^2
10^3
10^4
10^5

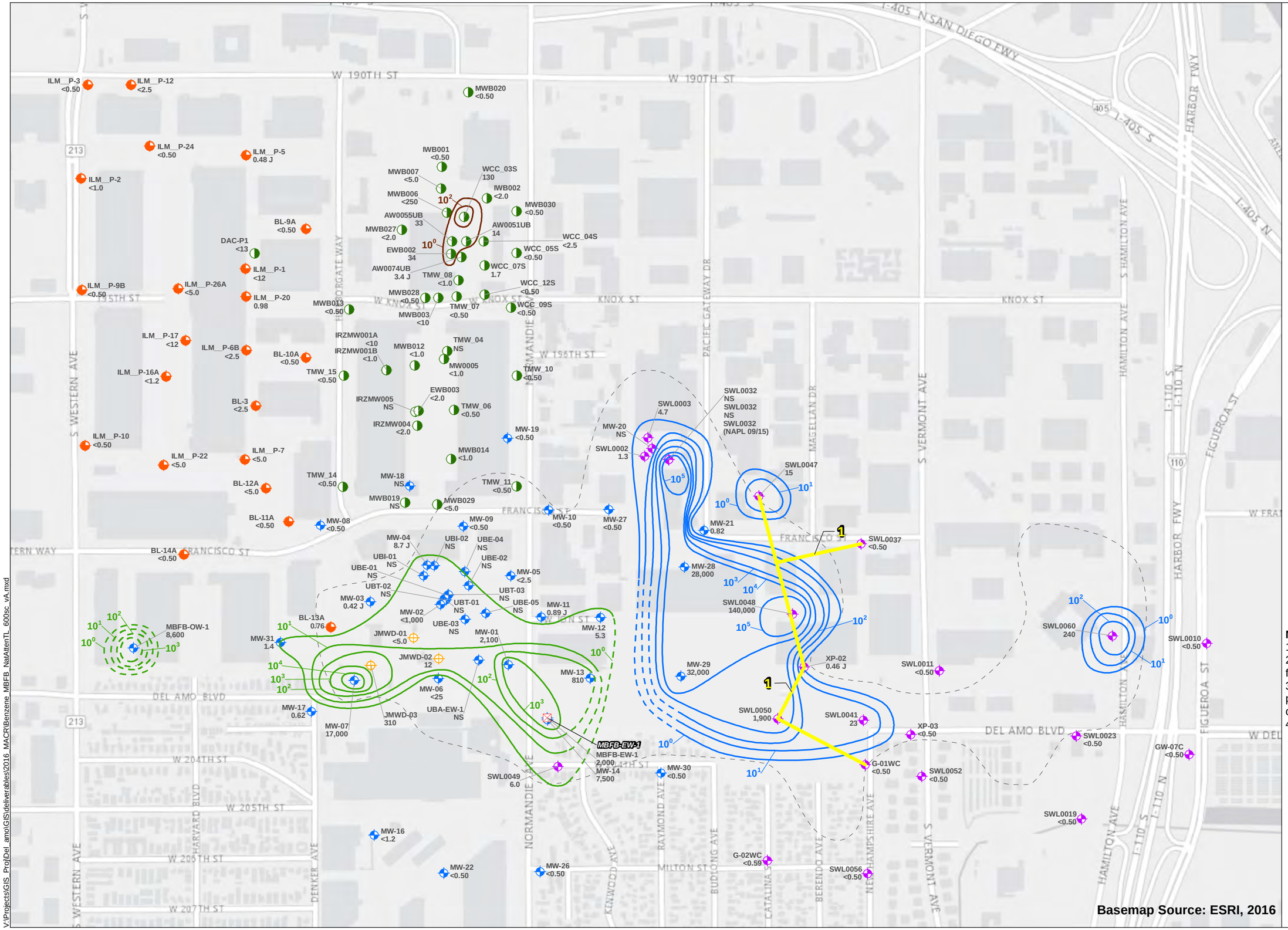


Figure G-7

Dissolved Benzene Distribution With Natural Attenuation Transects MBFB

Dual Site Groundwater Operable Unit
Los Angeles, California

2015 Baseline MACR

- Natural Attenuation Transect
- Benzene isoconcentration line for a plume not within the dual site (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the benzene plume (Isoconcentration lines dashed where inferred)
- Benzene isoconcentration line within the chlorobenzene plume (Isoconcentration lines dashed where inferred)
- Montrose Well Result
- Del Amo Well
- Boeing Well Result
- ILM Well Result
- Jones Well Result
- TGRS Extraction Well
- TGRS Injection Well
- MBFB TI Waiver Zone
- Facility as Labeled

Notes:
1) Concentration units in ug/L
2) BF-32A and BF-33 are screened from the Water Table to the MBFC.
3) (NAPL 09/15): Non-aqueous phase liquid present, and date of observation.
4) NS = Well Not Sampled

N

0 300 600 Feet

1 inch = 600 feet

Basemap Source: ESRI, 2016

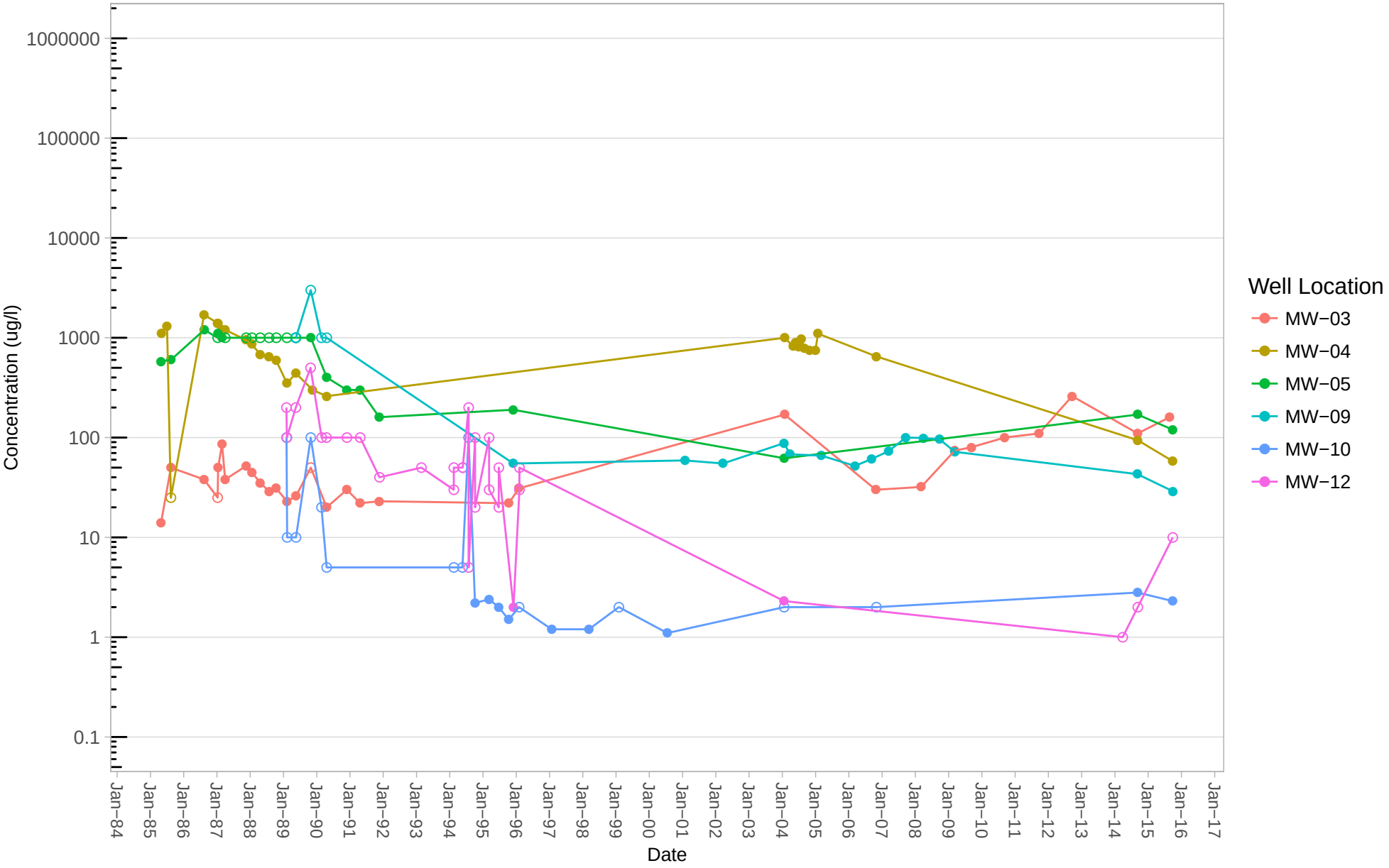
V:\Projects\GIS_Proj\Del_amo\GIS\deliverables\2016_MACR\Benzene_MBFB_NatAttenTL_600sc_vA.mxd

APPENDIX H

PCE AND TCE GRAPHS

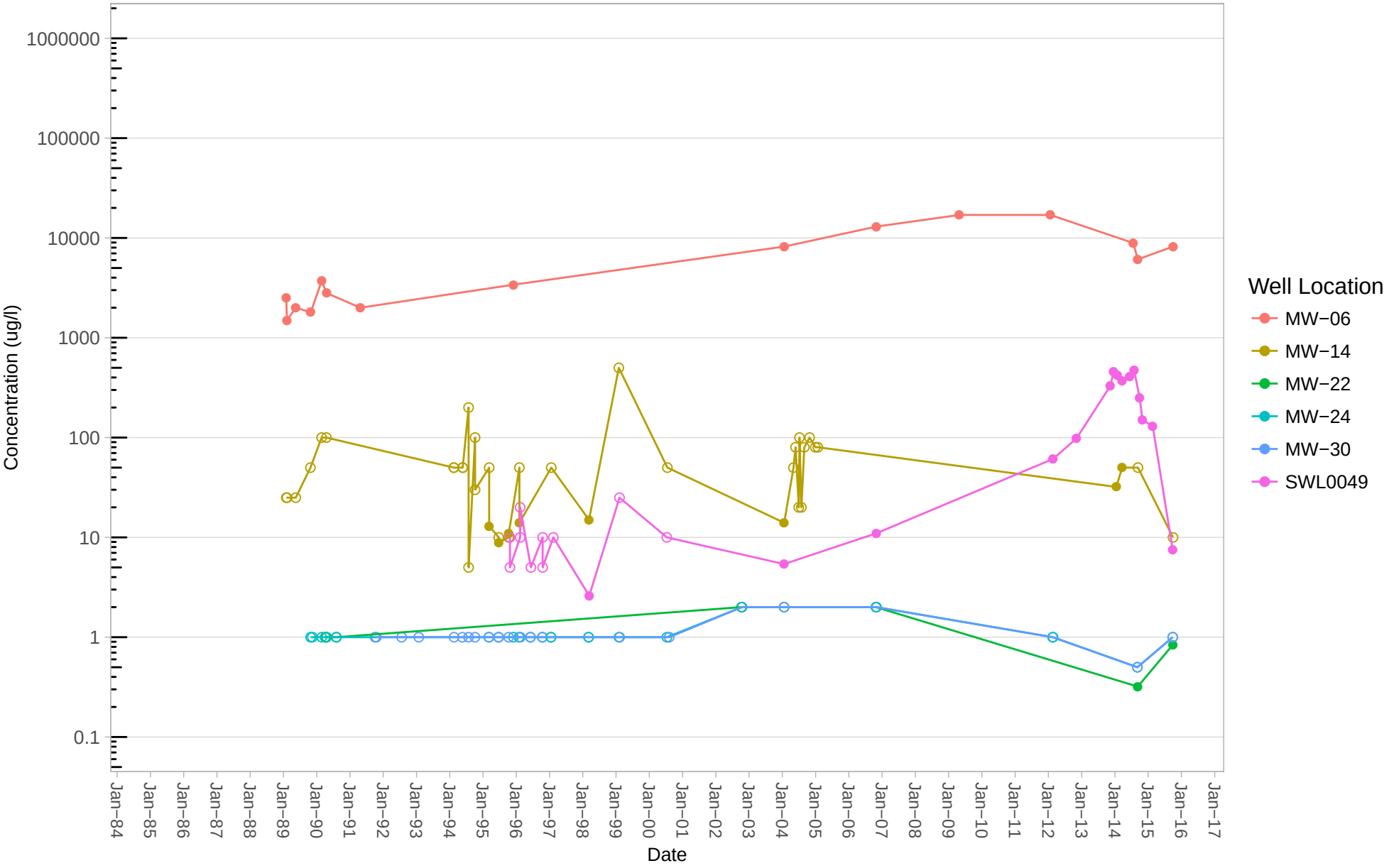
PCE

Graph H−01 − PCE
Time vs Concentration Plot, North of Montrose Property, Water Table
Montrose Superfund Site



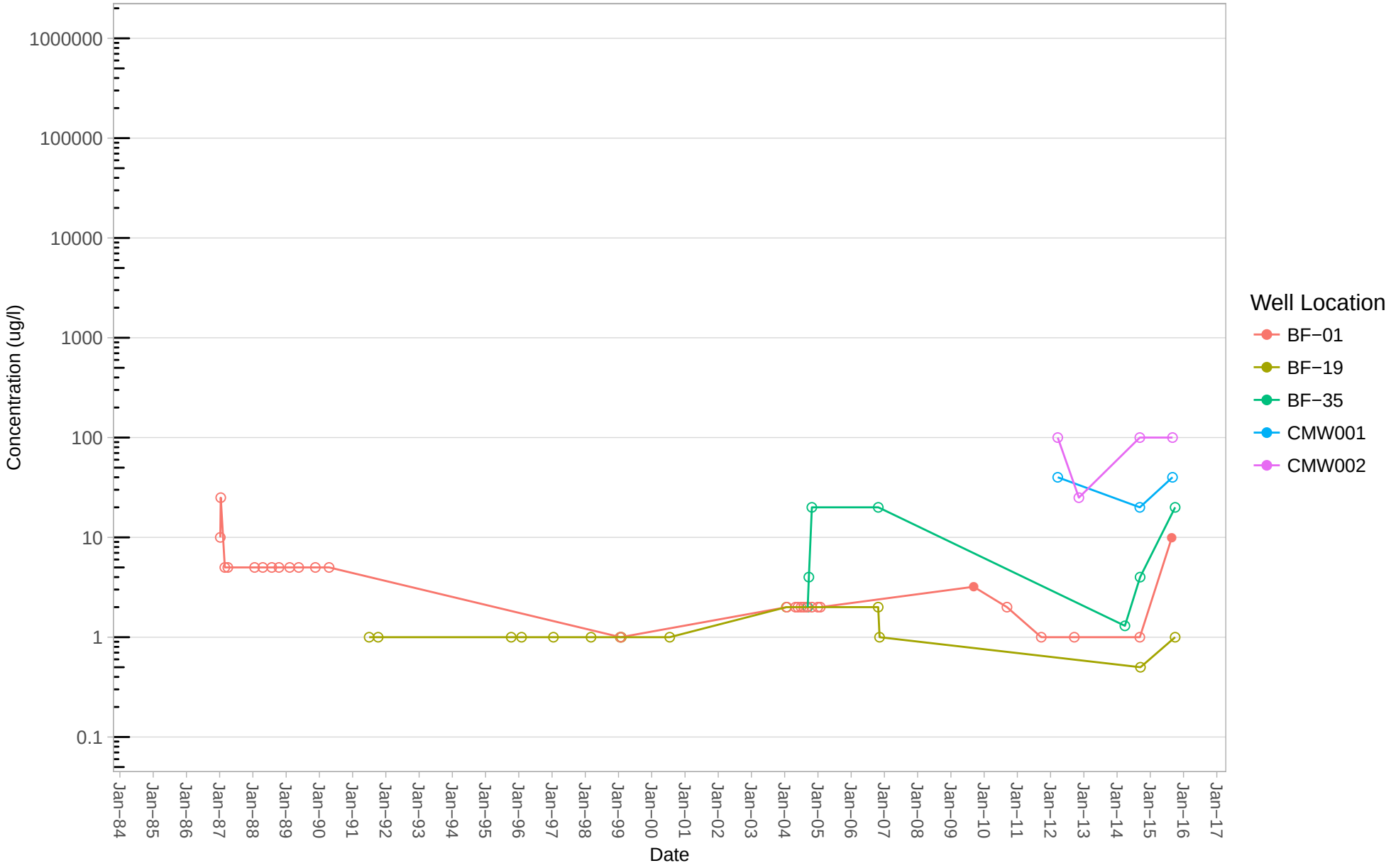
Notes: Nondetects reported as white circles at the reporting limit

Graph H−02 − PCE
Time vs Concentration Plot, South of Montrose Property, Water Table
Montrose Superfund Site



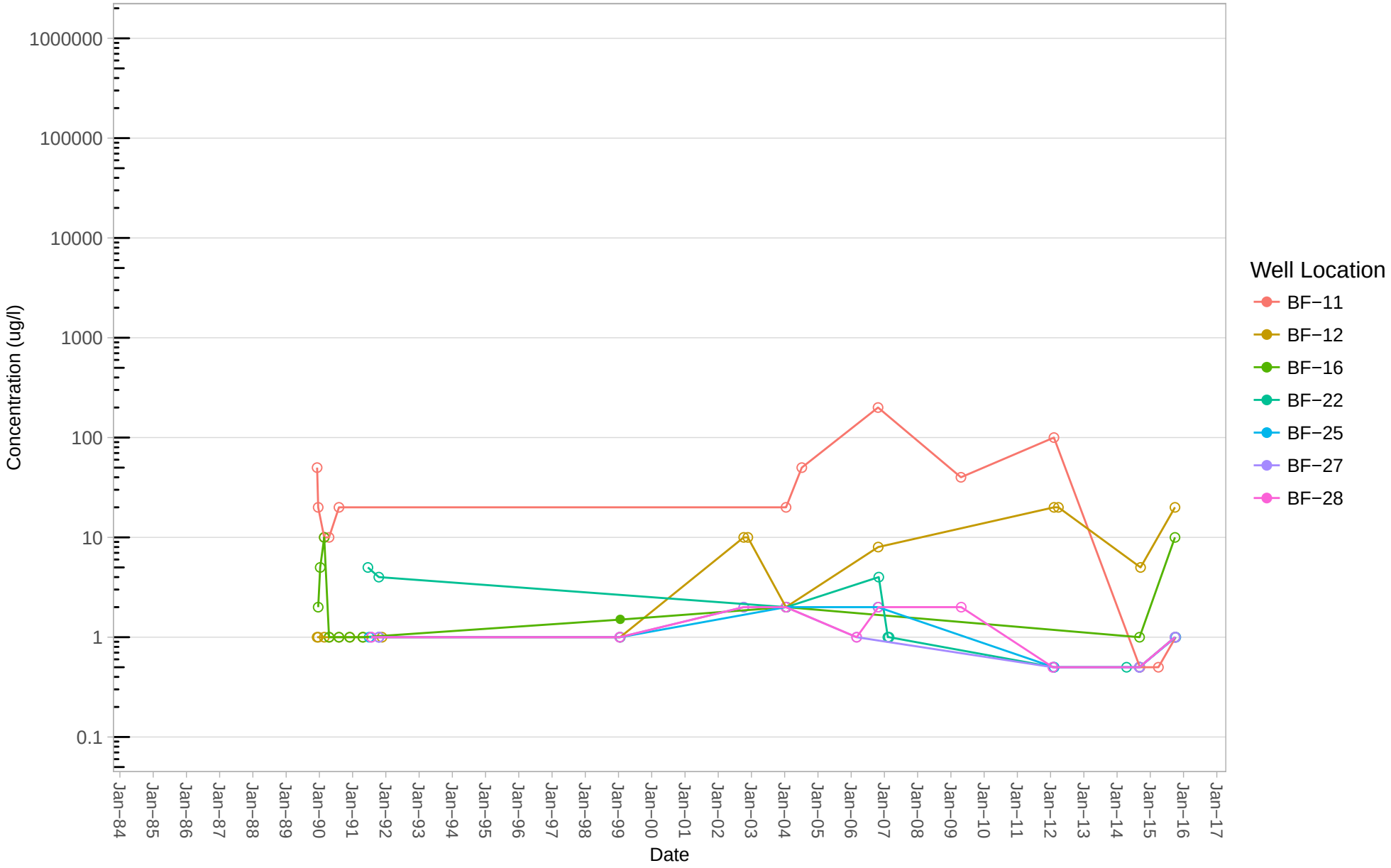
Notes: Nondetects reported as white circles at the reporting limit

Graph H−03 − PCE
Time vs Concentration Plot, North of Montrose Property, MBFC Aquifer
Montrose Superfund Site



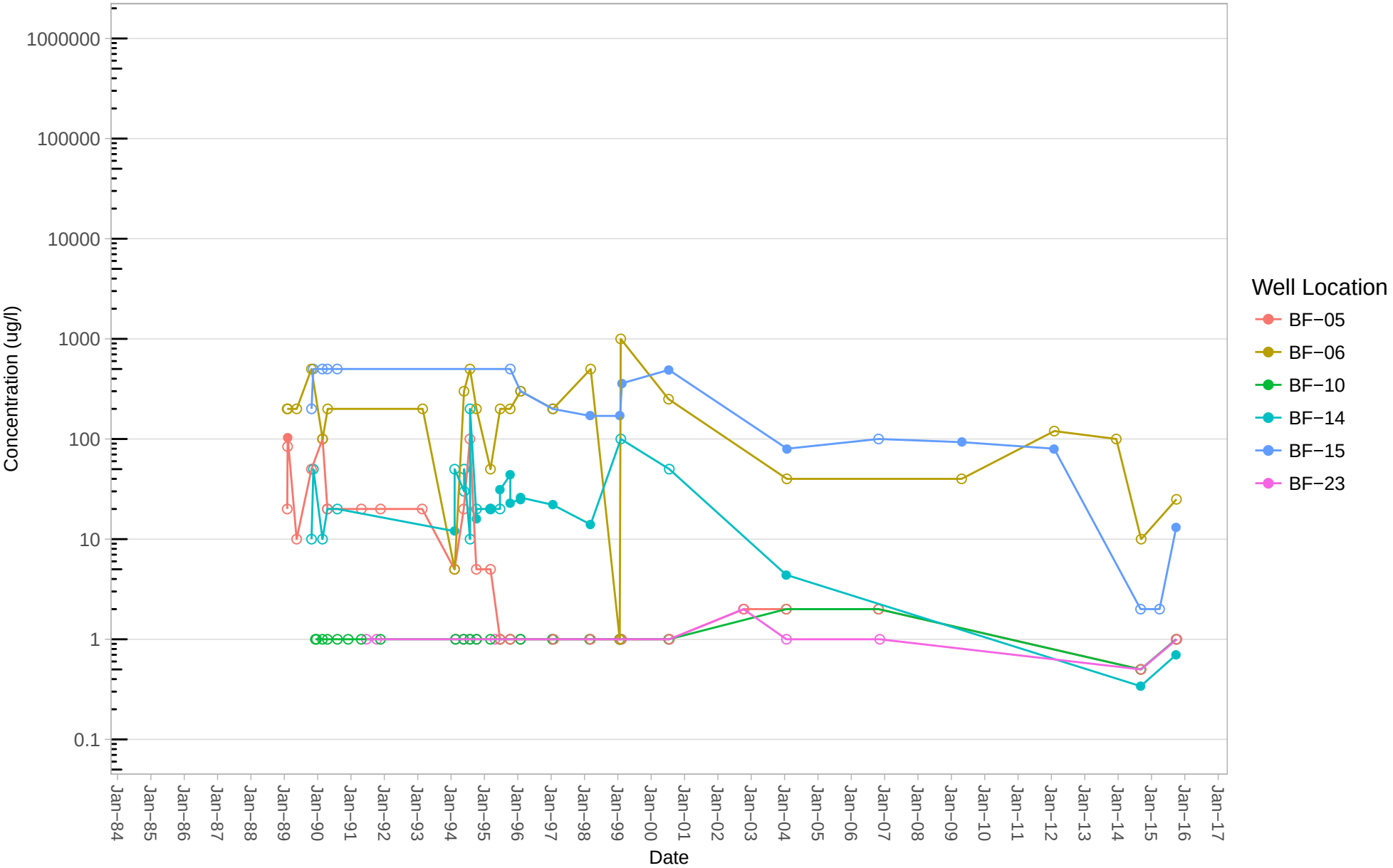
Notes: Nondetects reported as white circles at the reporting limit

Graph H−04 − PCE
Time vs Concentration Plot, South of Montrose Property, MBFC Aquifer
Montrose Superfund Site



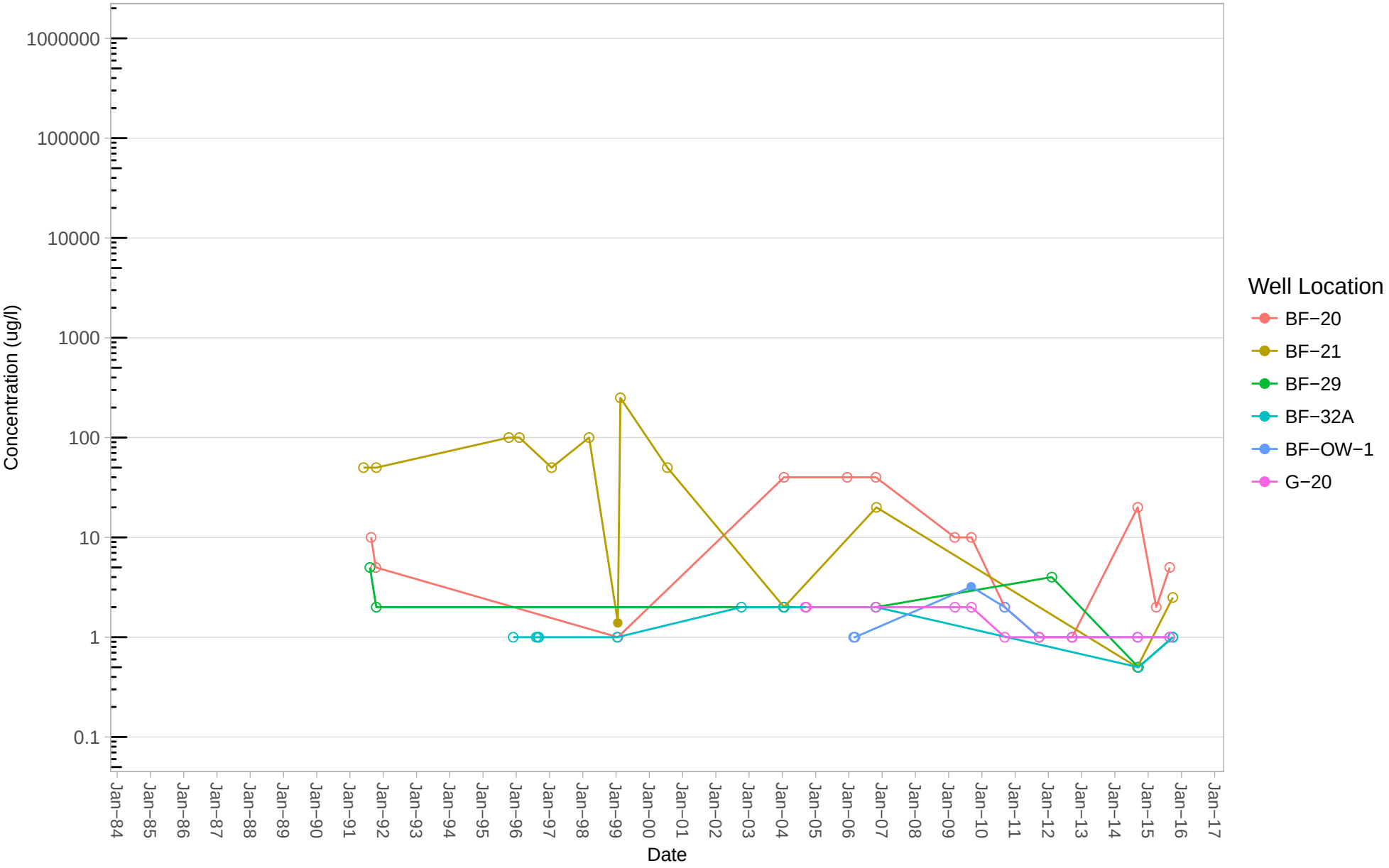
Notes: Nondetects reported as white circles at the reporting limit

Graph H−05 − PCE
Time vs Concentration Plot, East of Montrose Property, MBFC Aquifer
Montrose Superfund Site



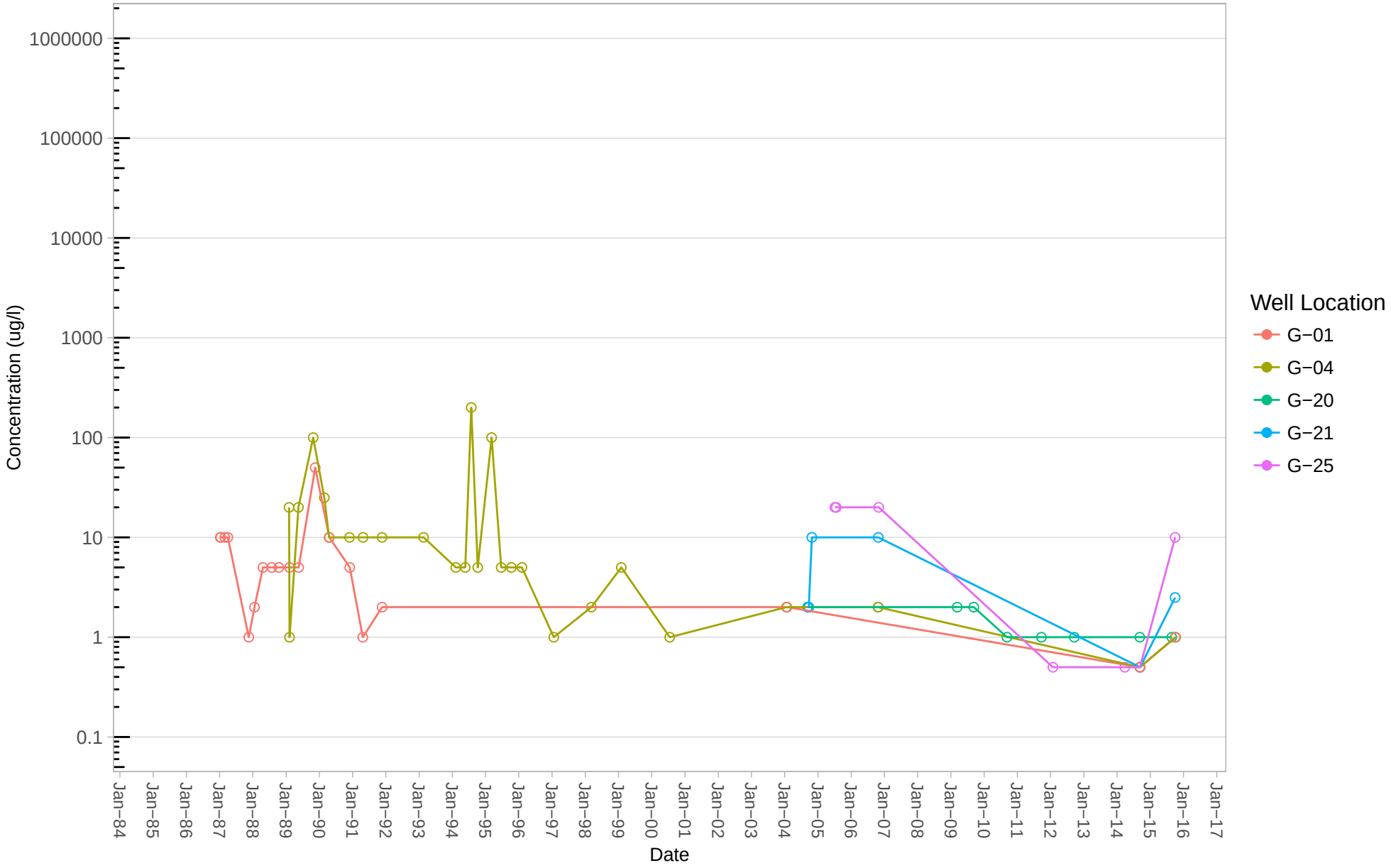
Notes: Nondetects reported as white circles at the reporting limit

Graph H−06 − PCE
Time vs Concentration Plot, West of Montrose Property, MBFC Aquifer
Montrose Superfund Site



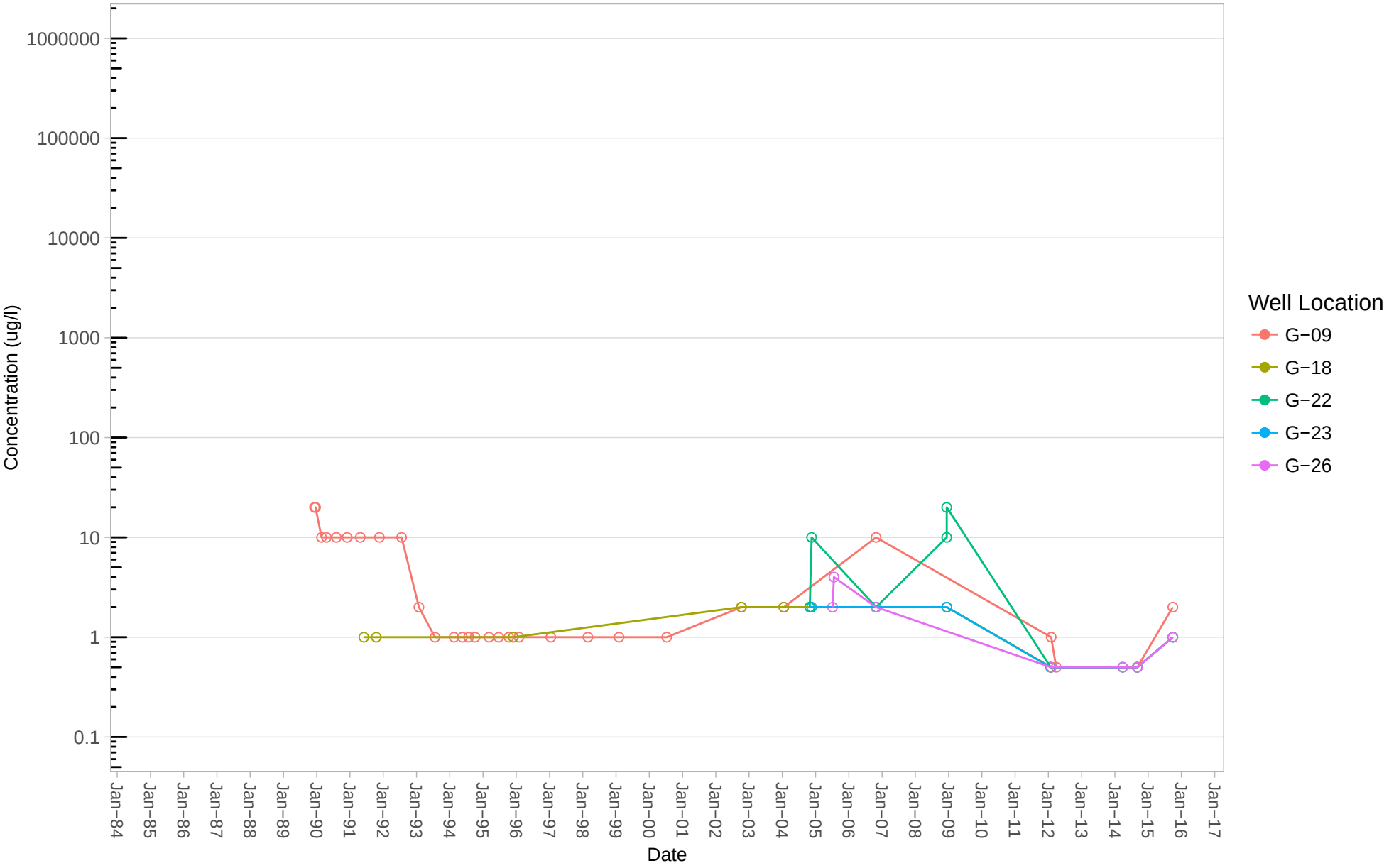
Notes: Nondetects reported as white circles at the reporting limit

Graph H−07 − PCE
Time vs Concentration Plot, Northwest of Montrose Property, Gage Aquifer
Montrose Superfund Site



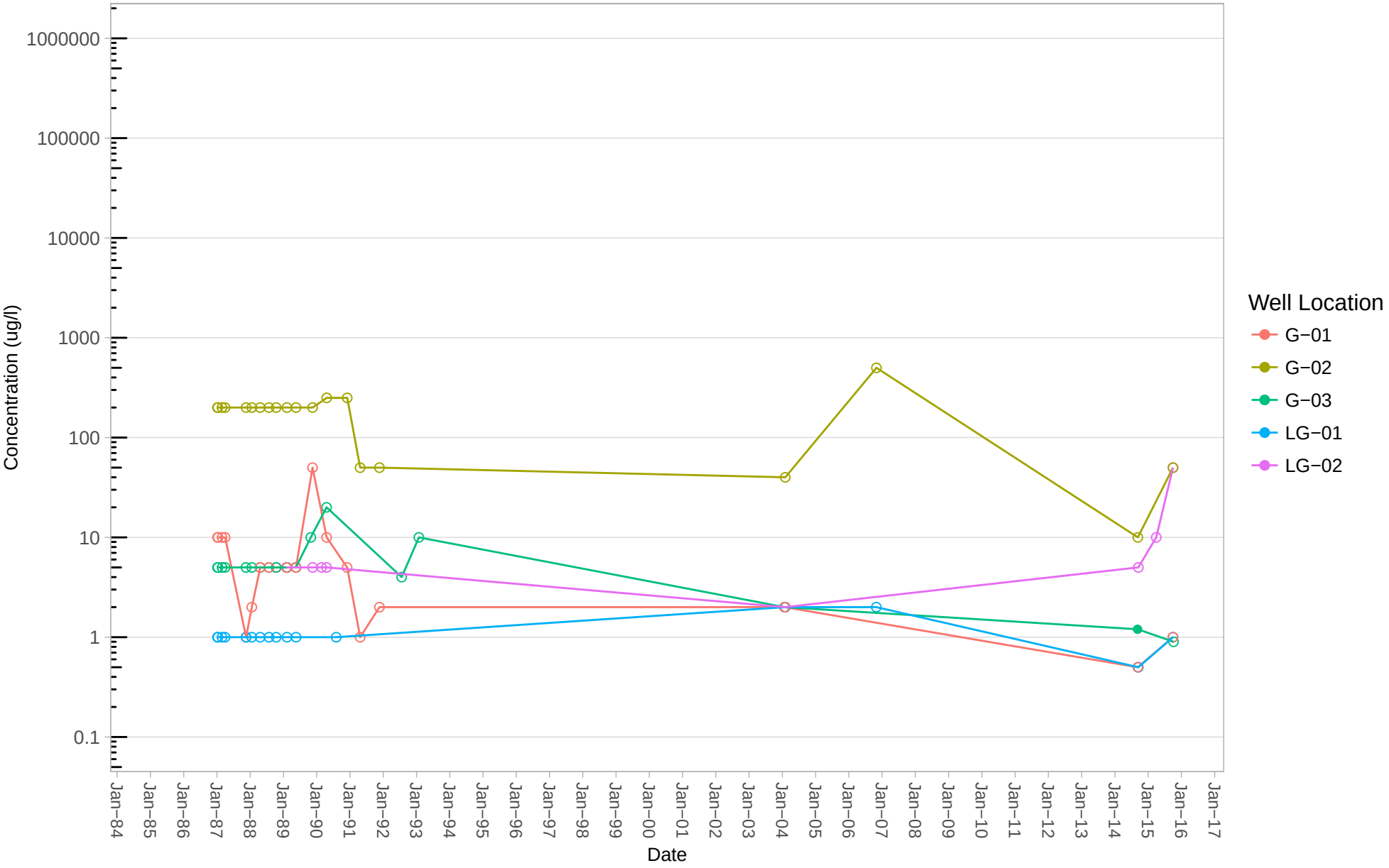
Notes: Nondetects reported as white circles at the reporting limit

Graph H−08 − PCE
Time vs Concentration Plot, Southeast of Montrose Property, Gage Aquifer
Montrose Superfund Site



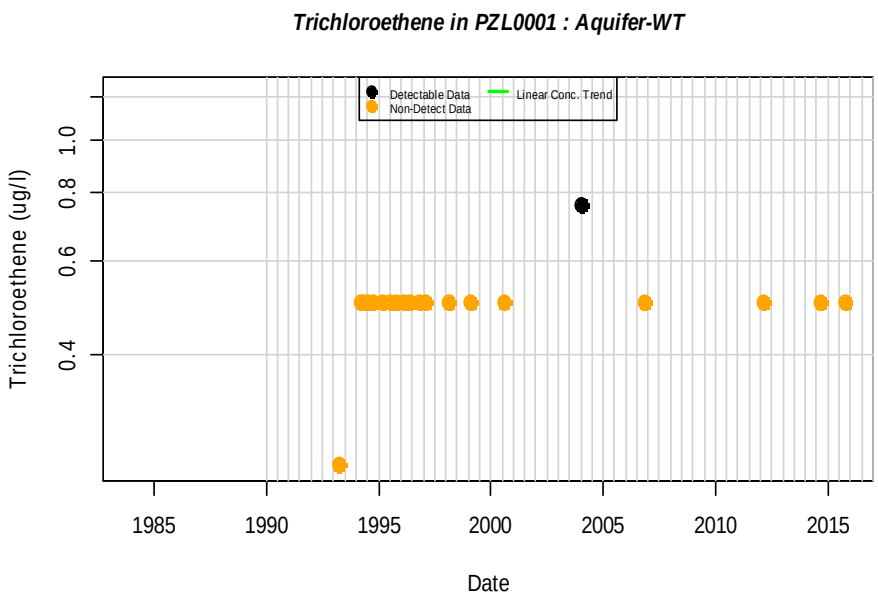
Notes: Nondetects reported as white circles at the reporting limit

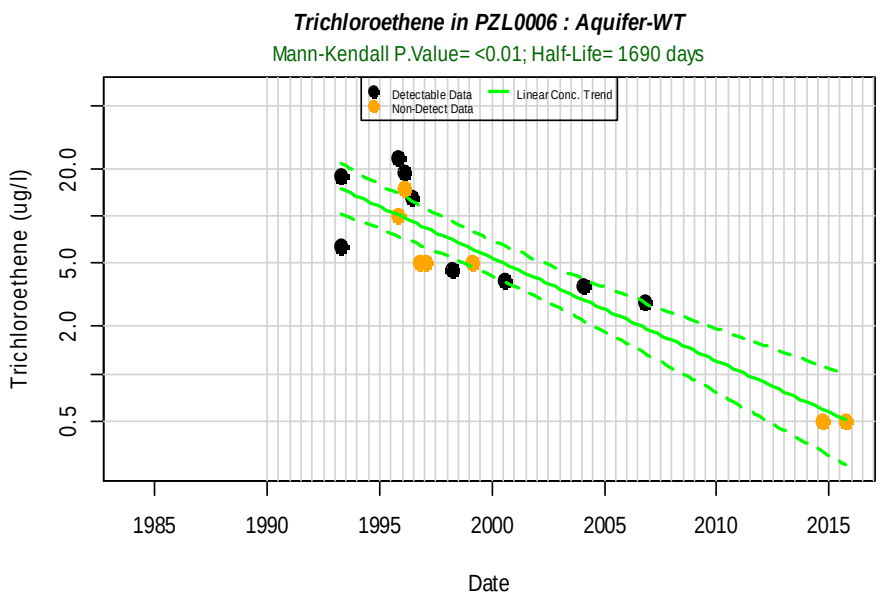
Graph H−09 − PCE
Time vs Concentration Plot, Montrose Property, Gage Aquifer
Montrose Superfund Site

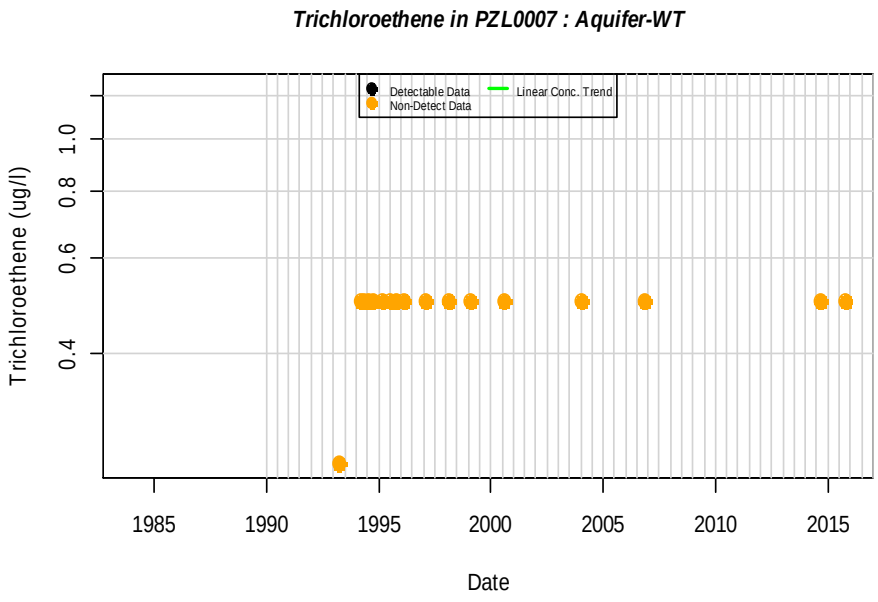


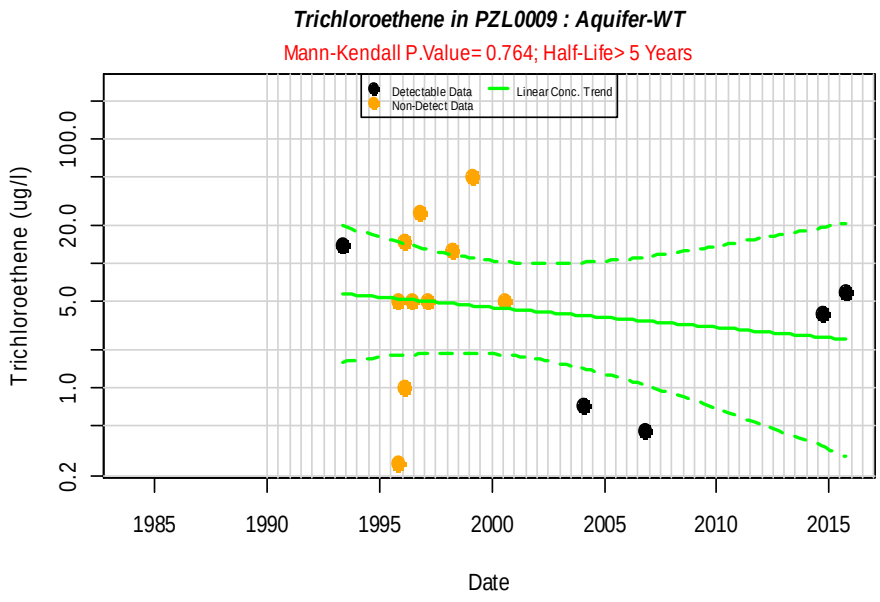
Notes: Nondetects reported as white circles at the reporting limit

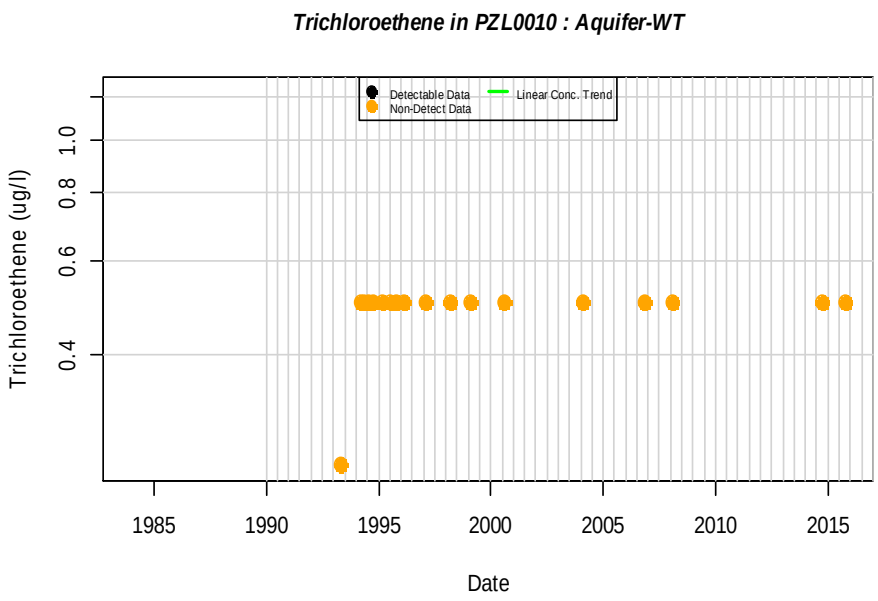
TCE

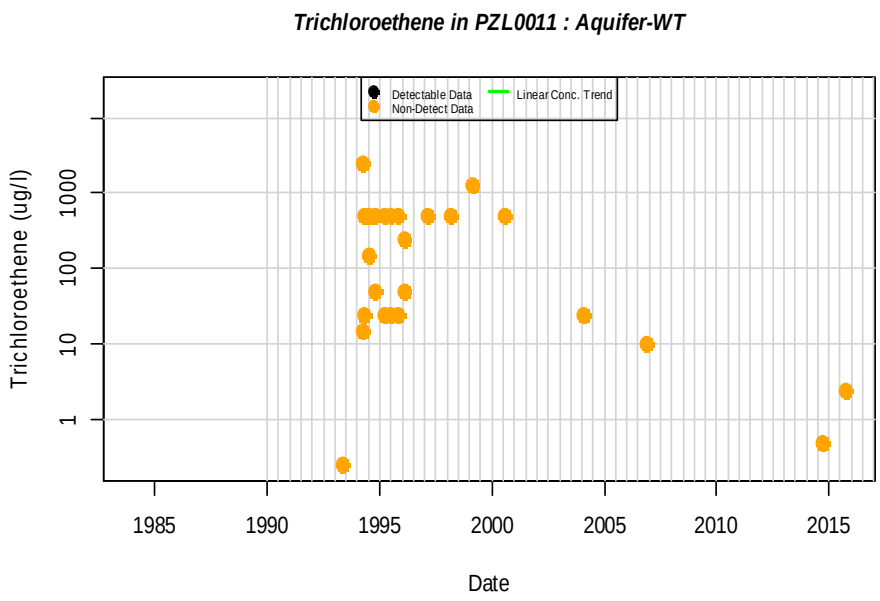

Trichloroethene in PZL0001 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

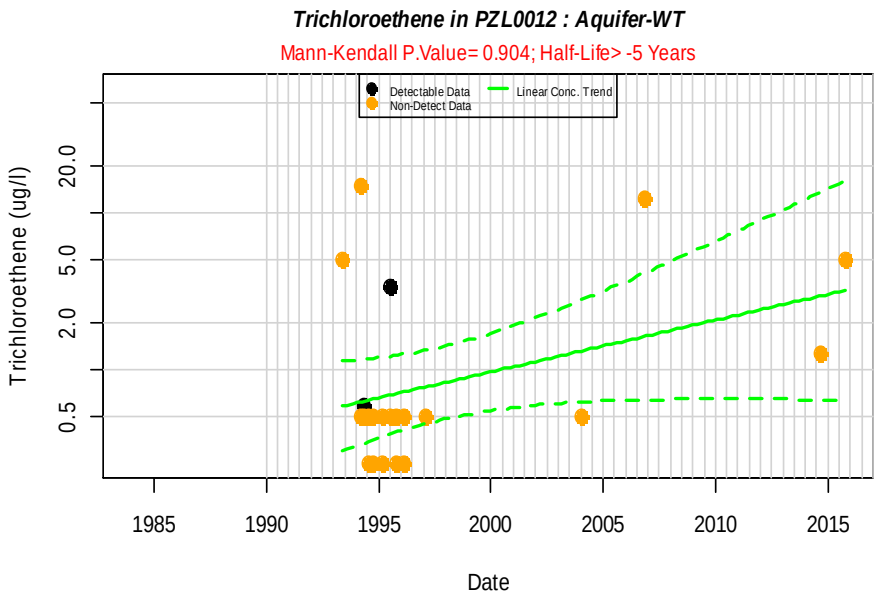

Trichloroethene in PZL0006 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1690 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

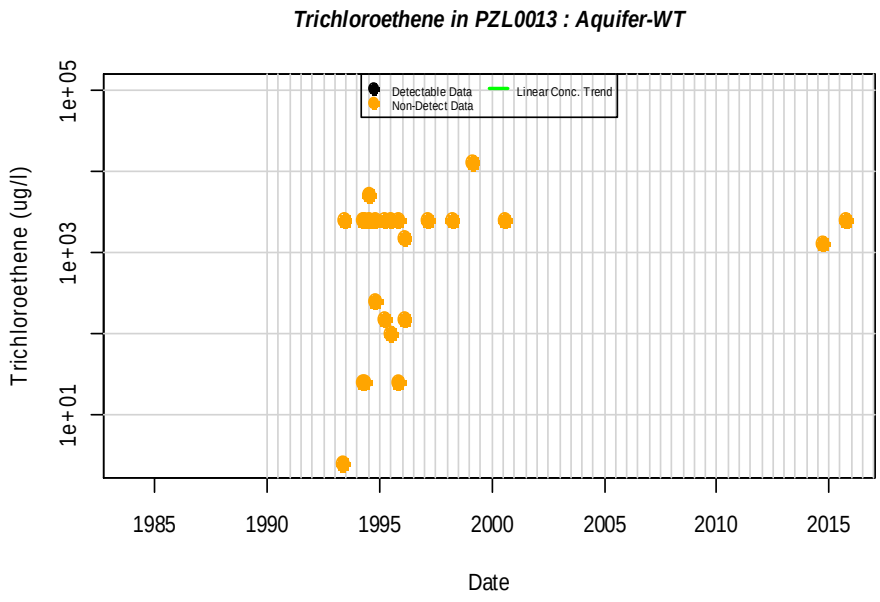

Trichloroethene in PZL0007 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

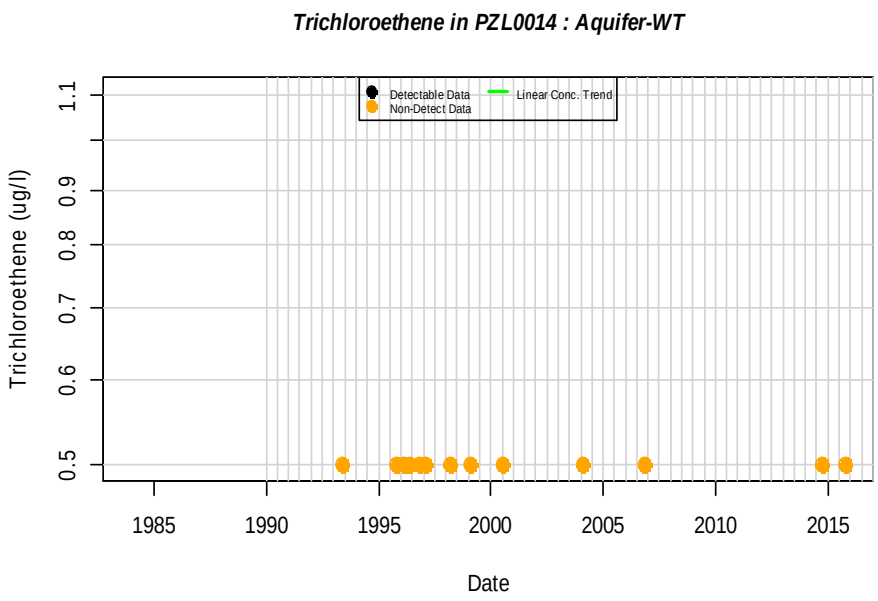

Trichloroethene in PZL0009 : Aquifer-WT
Mann-Kendall P.Value= 0.764; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

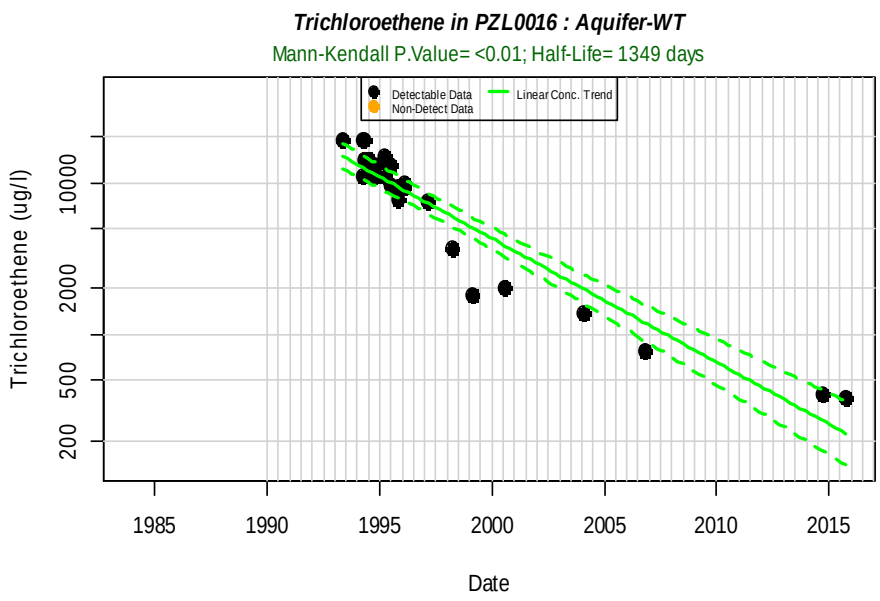

Trichloroethene in PZL0010 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

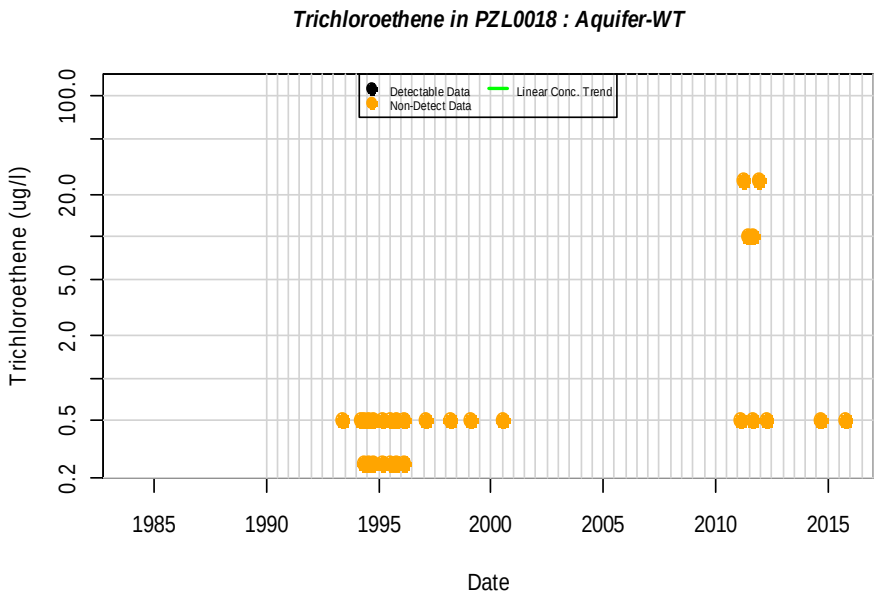

Trichloroethene in PZL0011 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

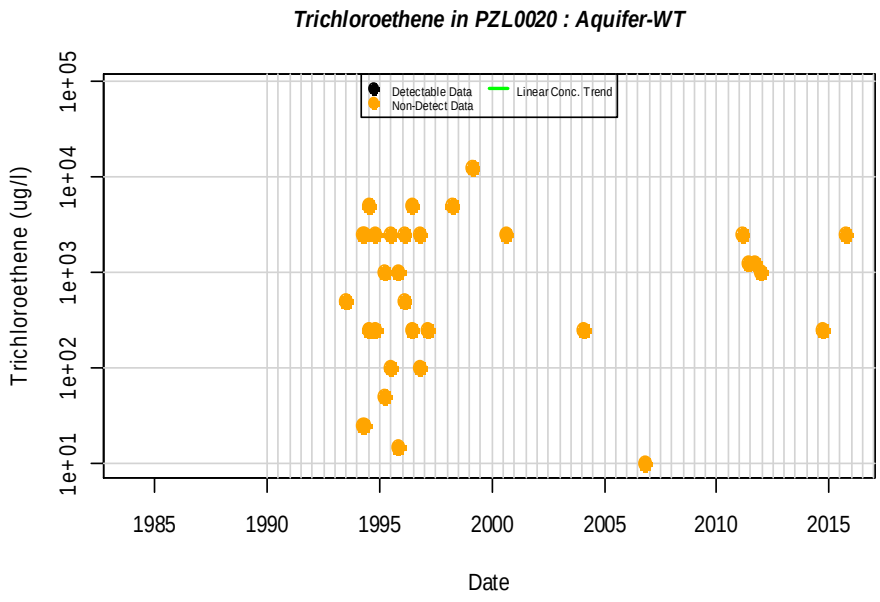

Trichloroethene in PZL0012 : Aquifer-WT
Mann-Kendall P.Value= 0.904; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

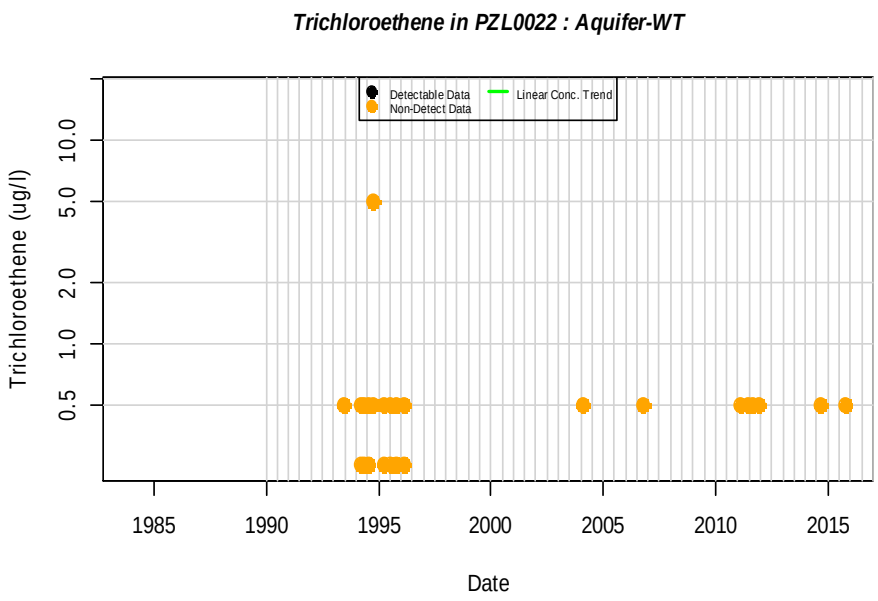

Trichloroethene in PZL0013 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

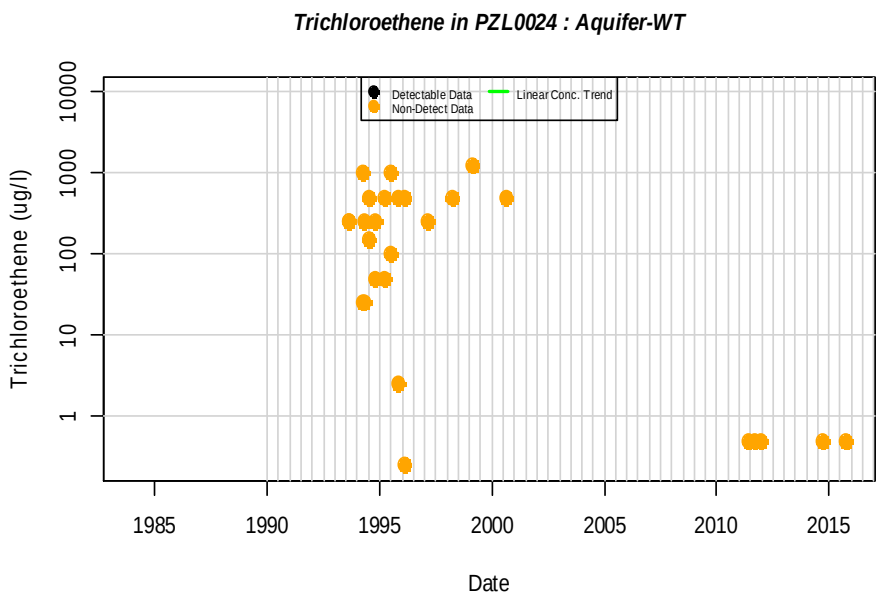

Trichloroethene in PZL0014 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

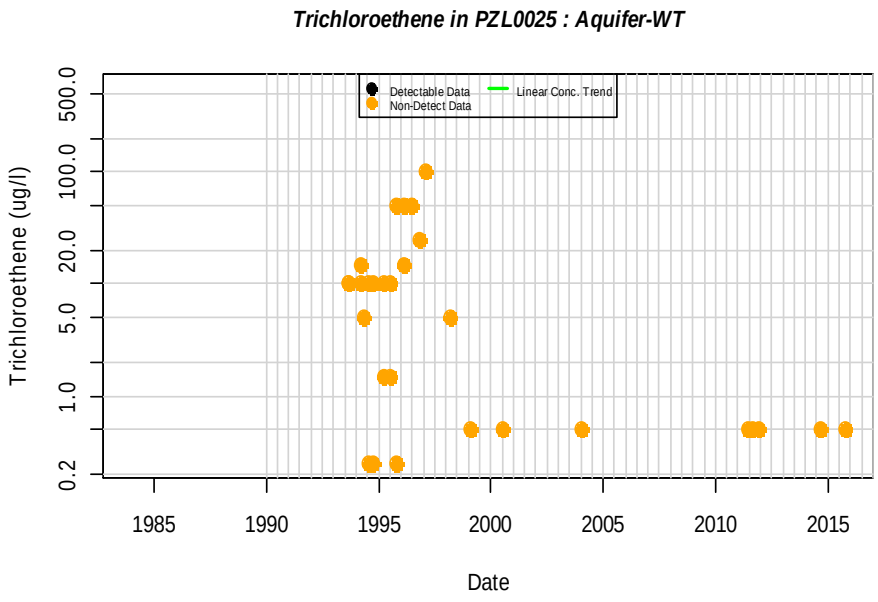

Trichloroethene in PZL0016 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1349 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
500
2000
10000
1985
1990
1995
2000
2005
2010
2015
Date

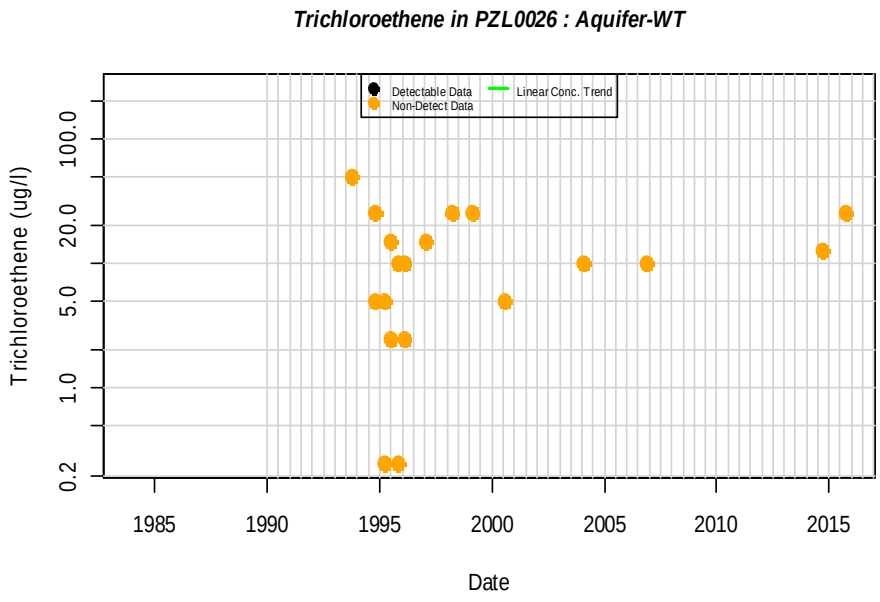

Trichloroethene in PZL0018 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

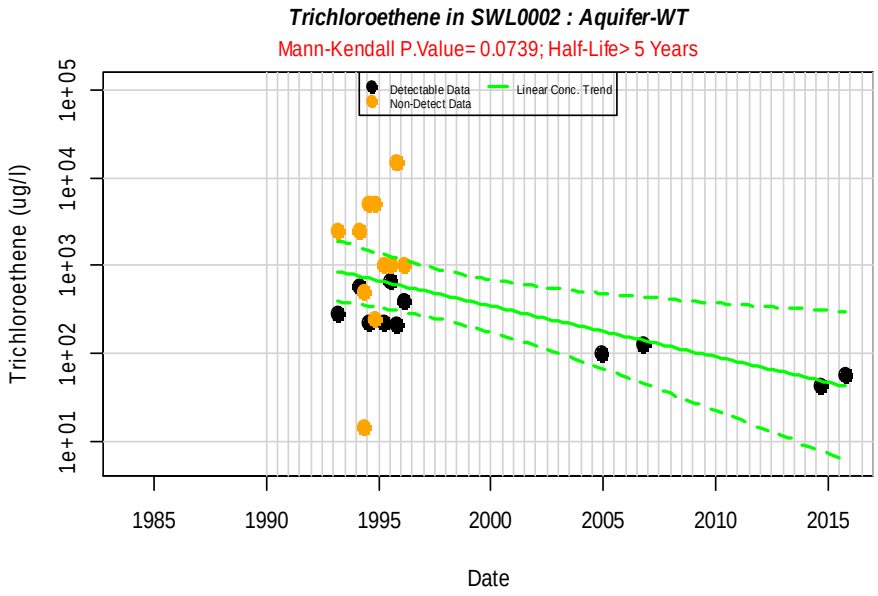

Trichloroethene in PZL0020 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+01
1e+02
1e+03
1e+04
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

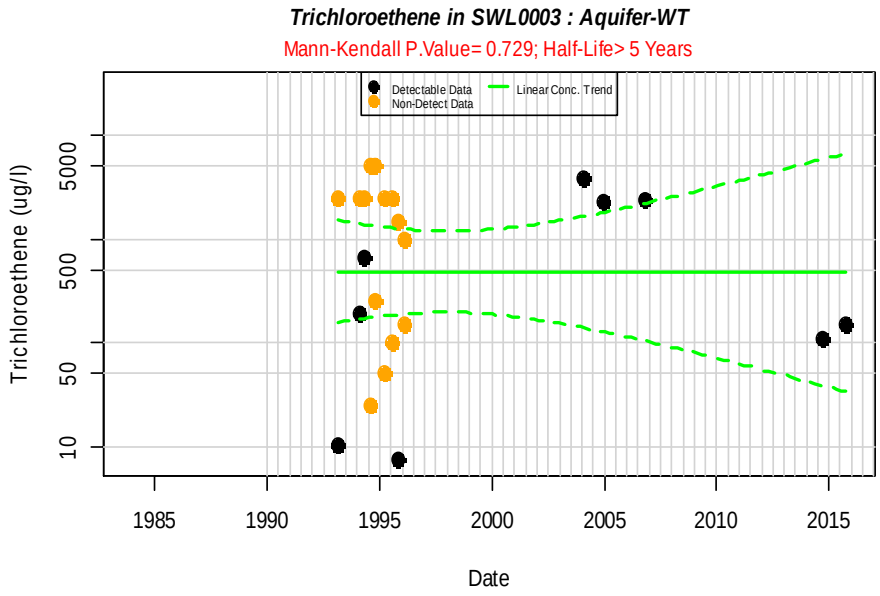

Trichloroethene in PZL0022 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1985
1990
1995
2000
2005
2010
2015
Date

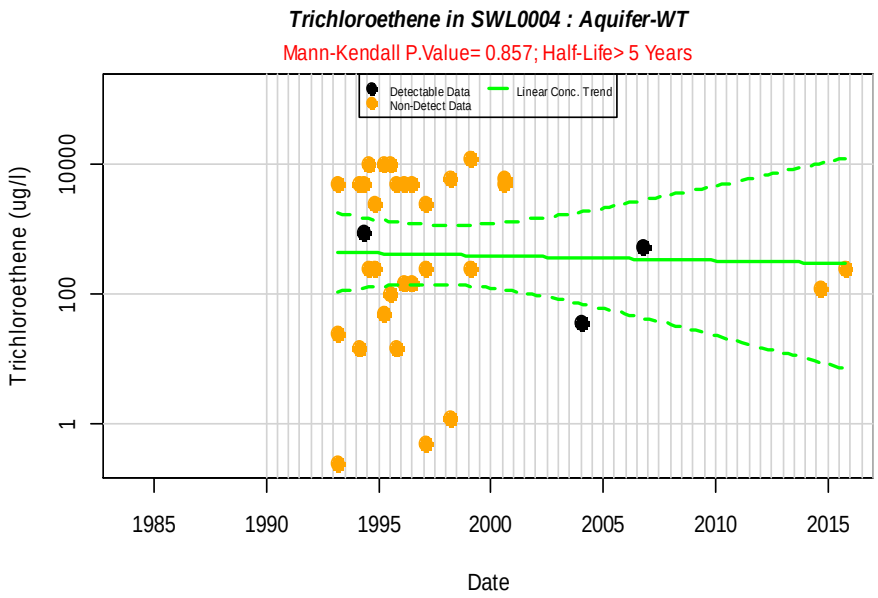

Trichloroethene in PZL0024 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1985
1990
1995
2000
2005
2010
2015
Date

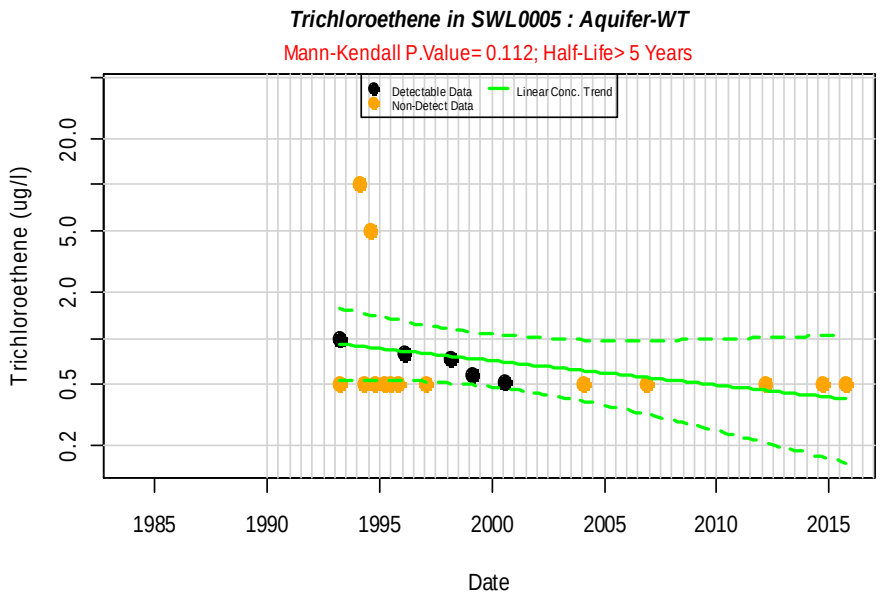

Trichloroethene in PZL0025 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
500.0
1985
1990
1995
2000
2005
2010
2015
Date

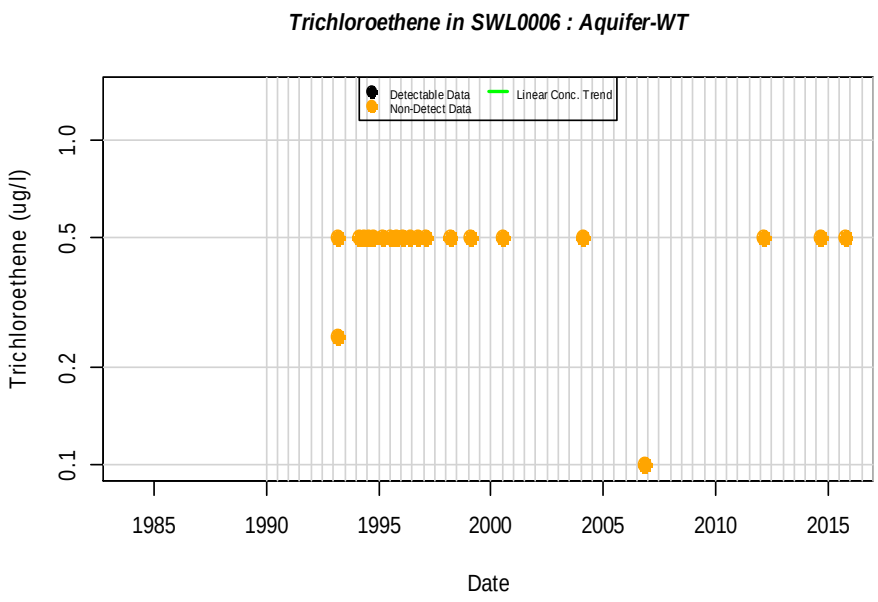

Trichloroethene in PZL0026 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

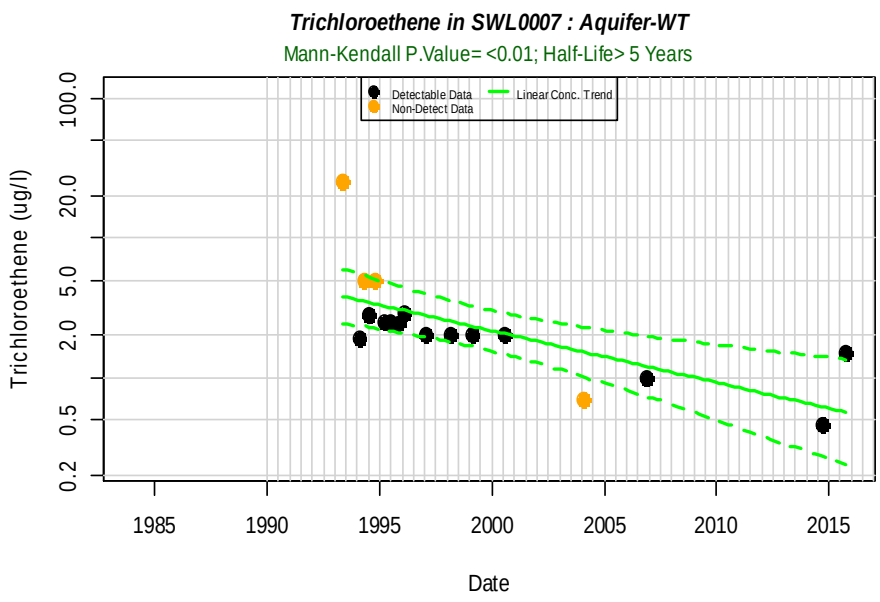

Trichloroethene in SWL0002 : Aquifer-WT
Mann-Kendall P.Value= 0.0739; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+01
1e+02
1e+03
1e+04
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

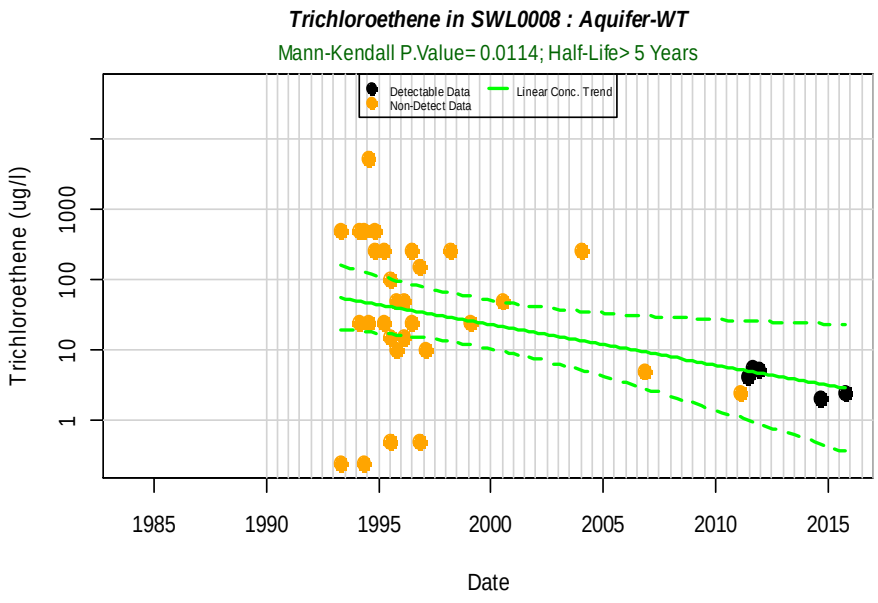

Trichloroethene in SWL0003 : Aquifer-WT
Mann-Kendall P.Value= 0.729; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
10
50
500
5000
1985
1990
1995
2000
2005
2010
2015
Date

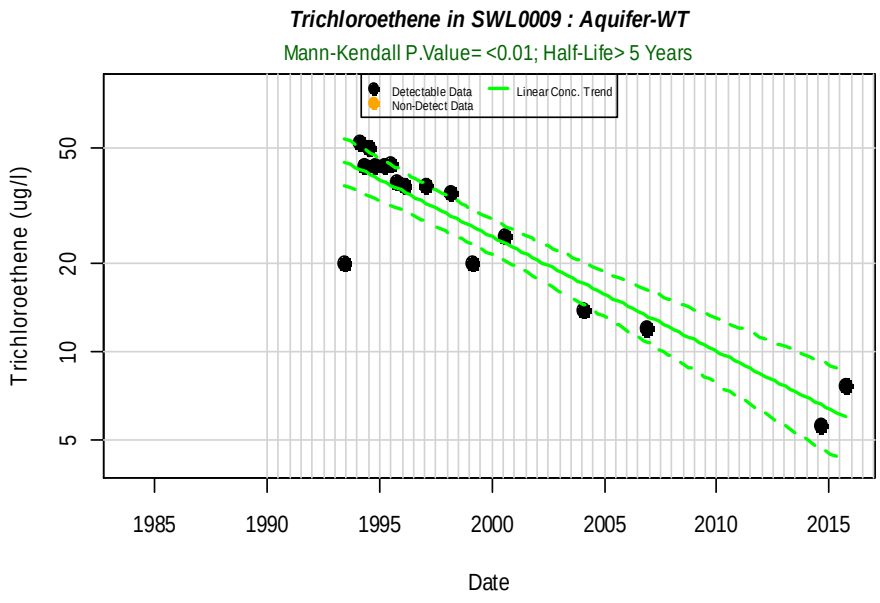

Trichloroethene in SWL0004 : Aquifer-WT
Mann-Kendall P.Value= 0.857; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
100
10000
1985
1990
1995
2000
2005
2010
2015
Date

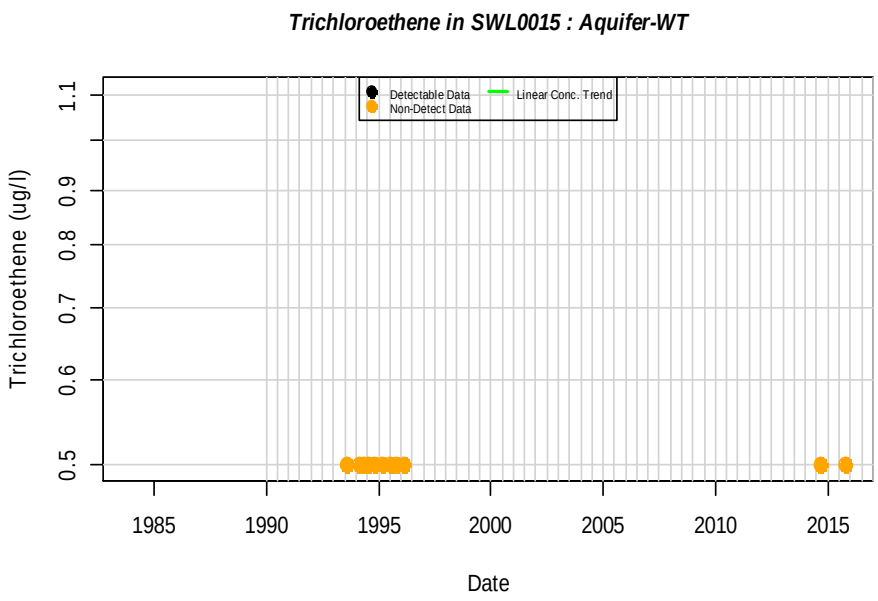

Trichloroethene in SWL0005 : Aquifer-WT
Mann-Kendall P.Value= 0.112; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

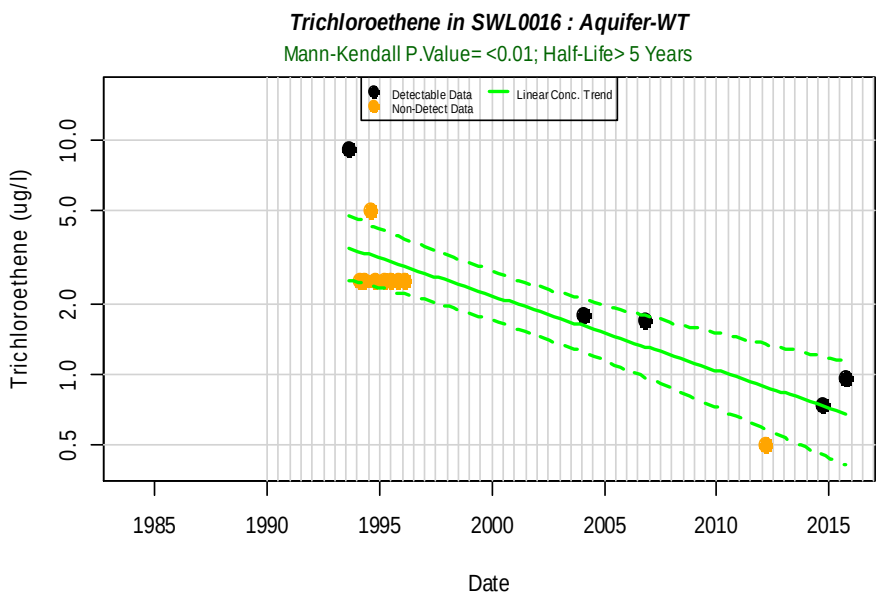

Trichloroethene in SWL0006 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.1
0.2
0.5
1.0
1985
1990
1995
2000
2005
2010
2015
Date

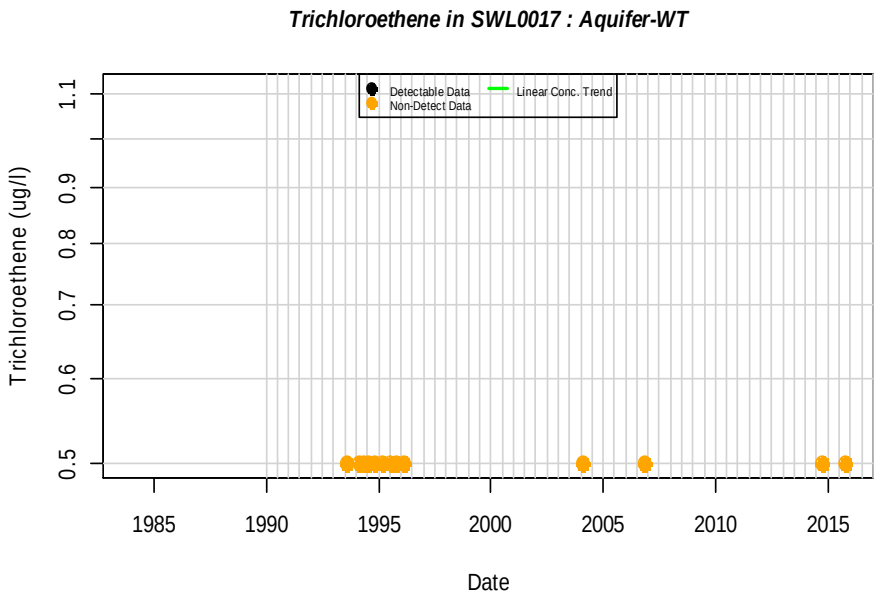

Trichloroethene in SWL0007 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

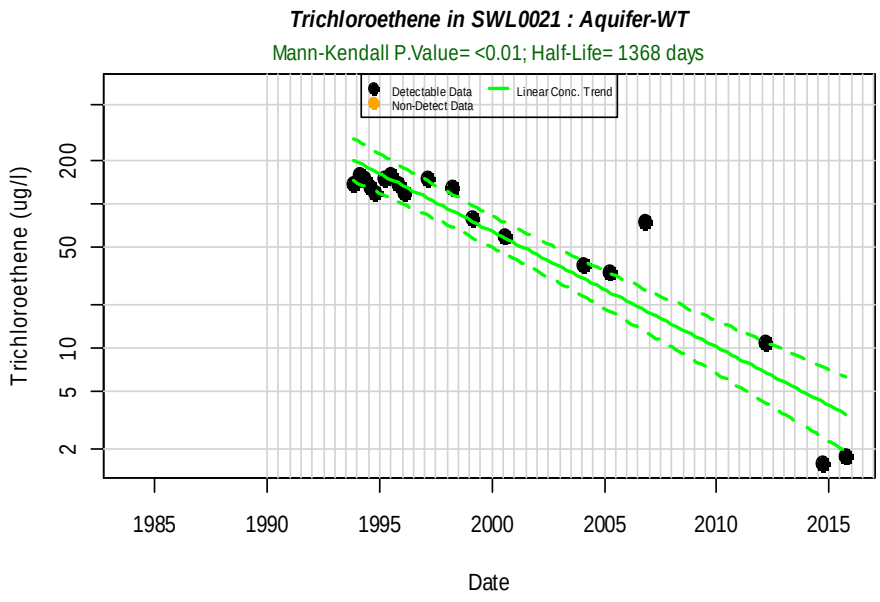

Trichloroethene in SWL0008 : Aquifer-WT
Mann-Kendall P.Value= 0.0114; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

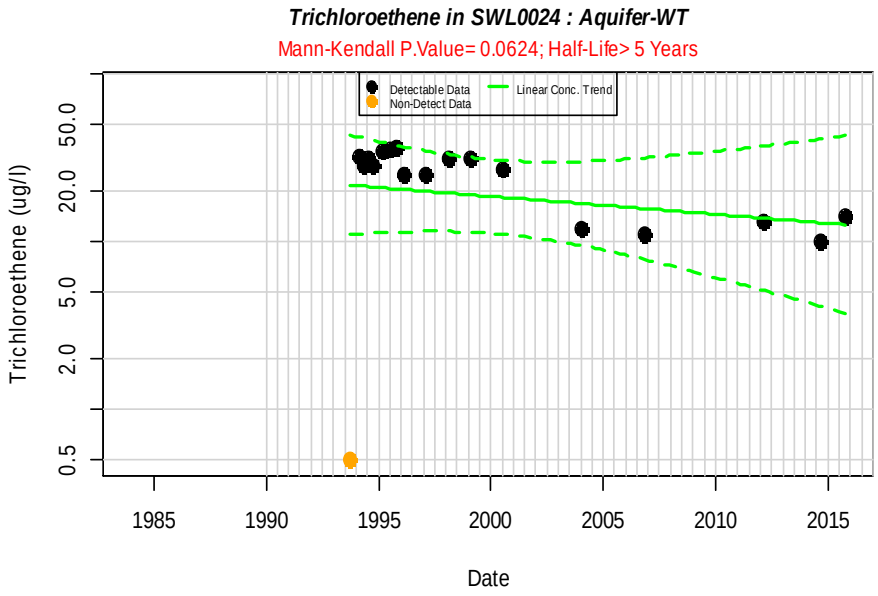

Trichloroethene in SWL0009 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
1985
1990
1995
2000
2005
2010
2015
Date

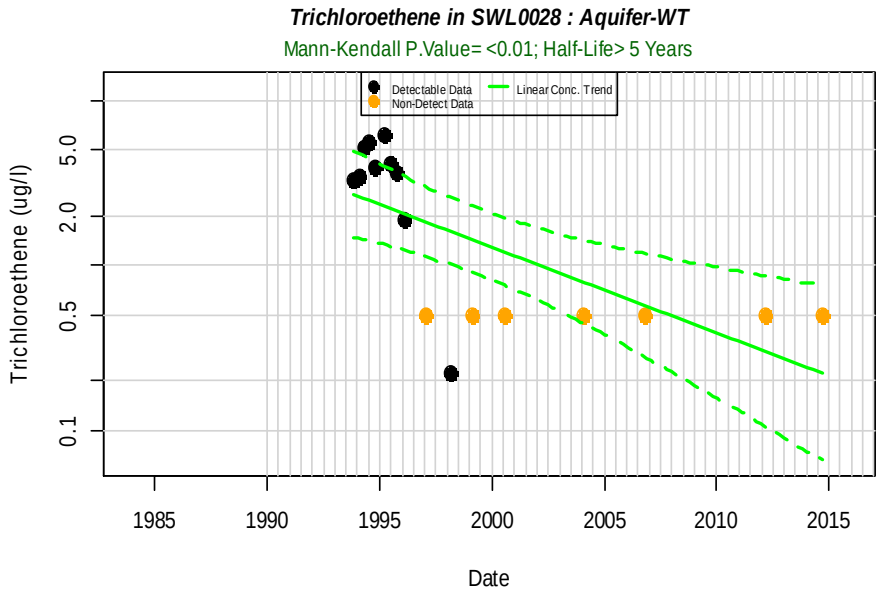

Trichloroethene in SWL0015 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

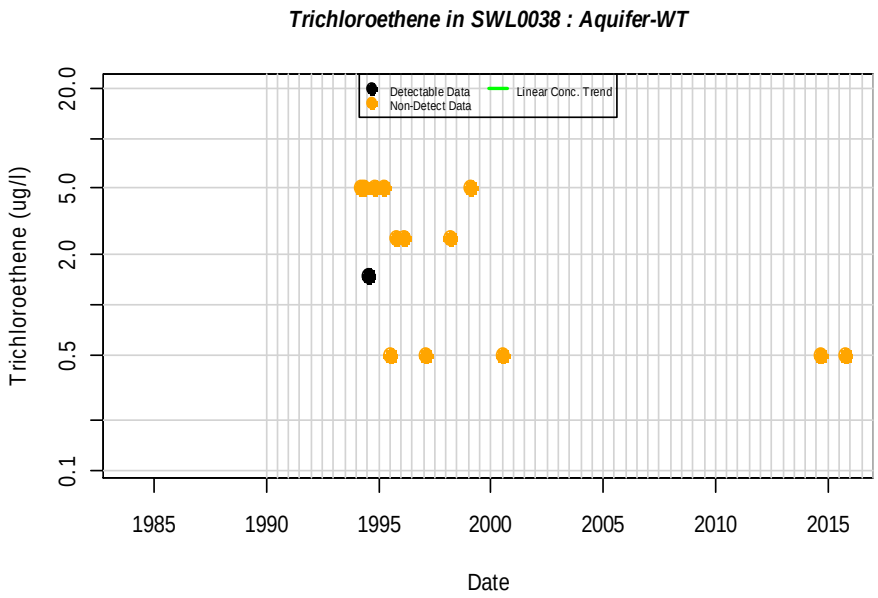

Trichloroethene in SWL0016 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1985
1990
1995
2000
2005
2010
2015
Date

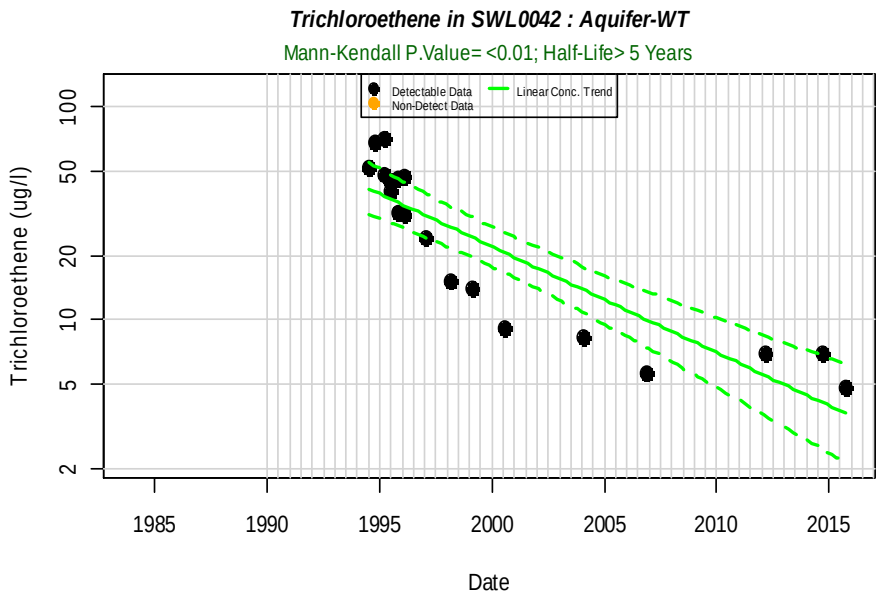

Trichloroethene in SWL0017 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

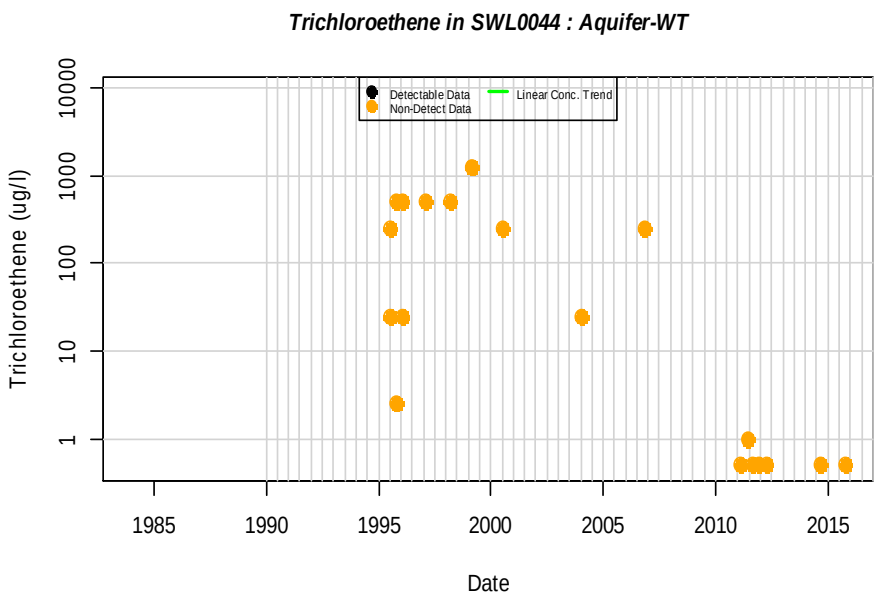

Trichloroethene in SWL0021 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1368 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
50
200
1985
1990
1995
2000
2005
2010
2015
Date

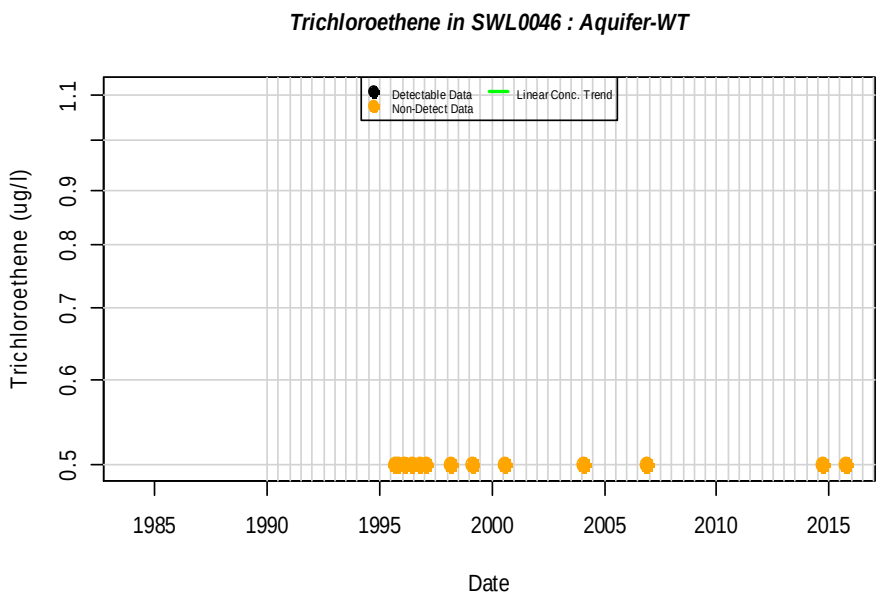

Trichloroethene in SWL0024 : Aquifer-WT
Mann-Kendall P.Value= 0.0624; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
50.0
1985
1990
1995
2000
2005
2010
2015
Date

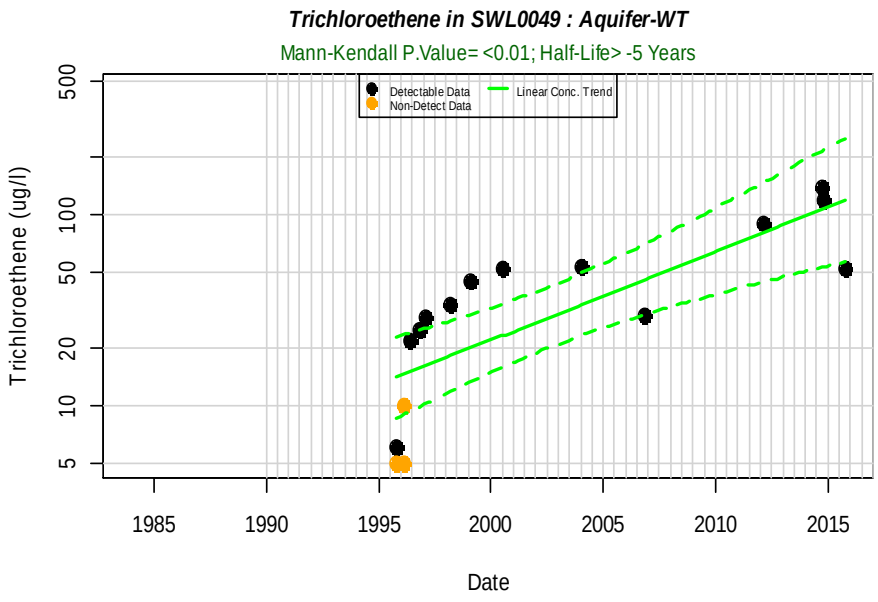

Trichloroethene in SWL0028 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.1
0.5
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

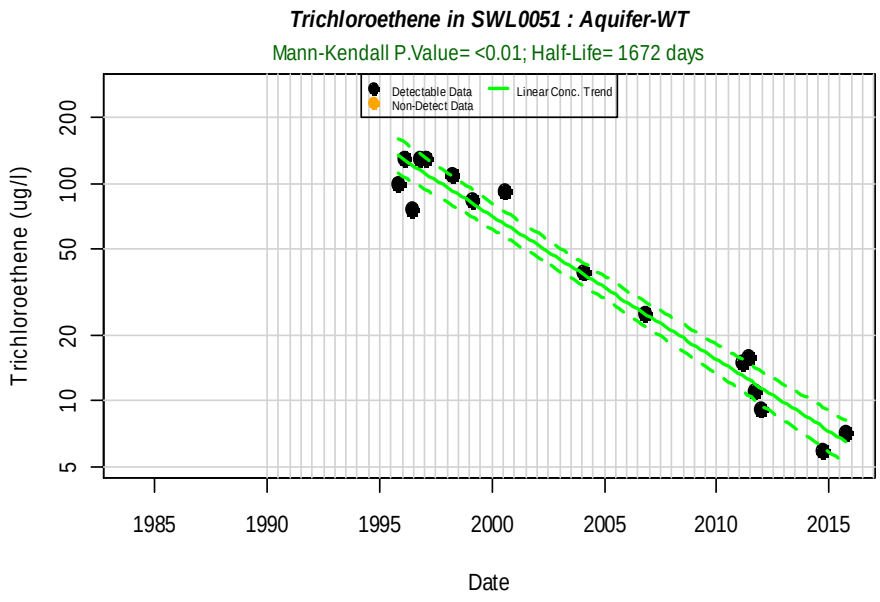

Trichloroethene in SWL0038 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.1
0.5
2.0
5.0
20.0
1985
1990
1995
2000
2005
2010
2015
Date

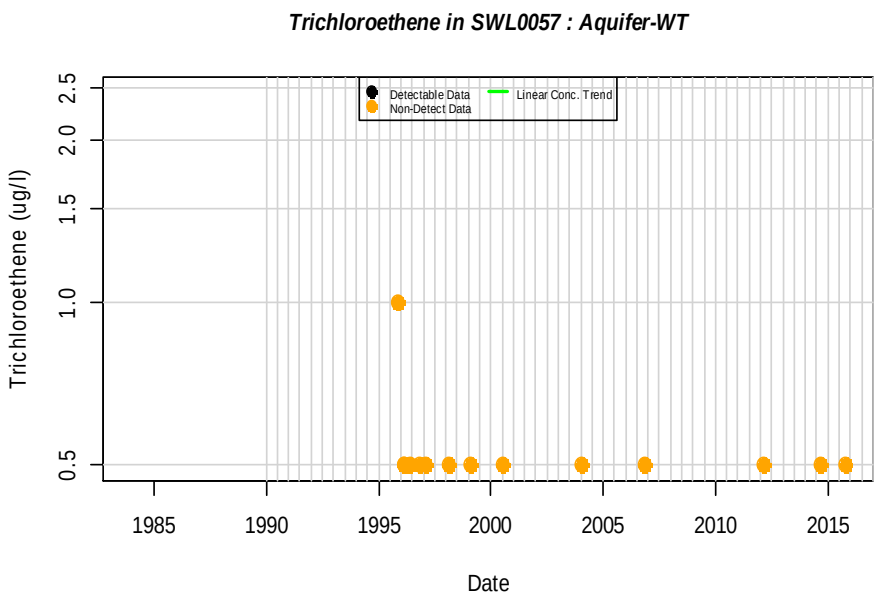

Trichloroethene in SWL0042 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
50
100
1985
1990
1995
2000
2005
2010
2015
Date

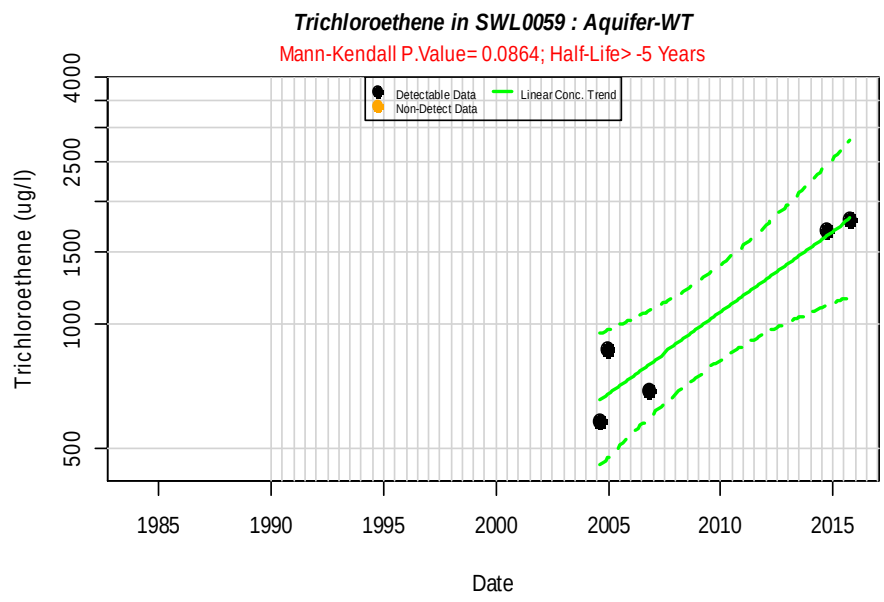

Trichloroethene in SWL0044 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1985
1990
1995
2000
2005
2010
2015
Date

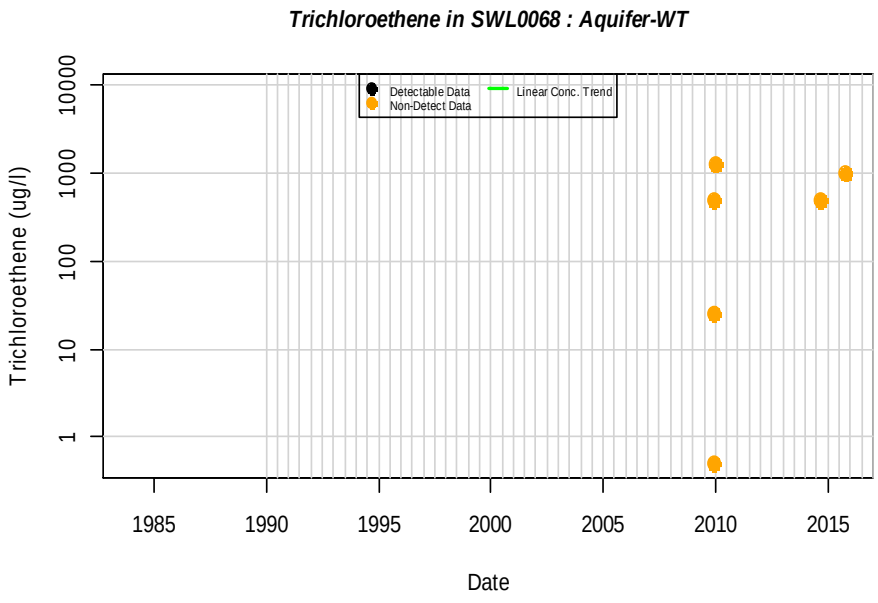

Trichloroethene in SWL0046 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

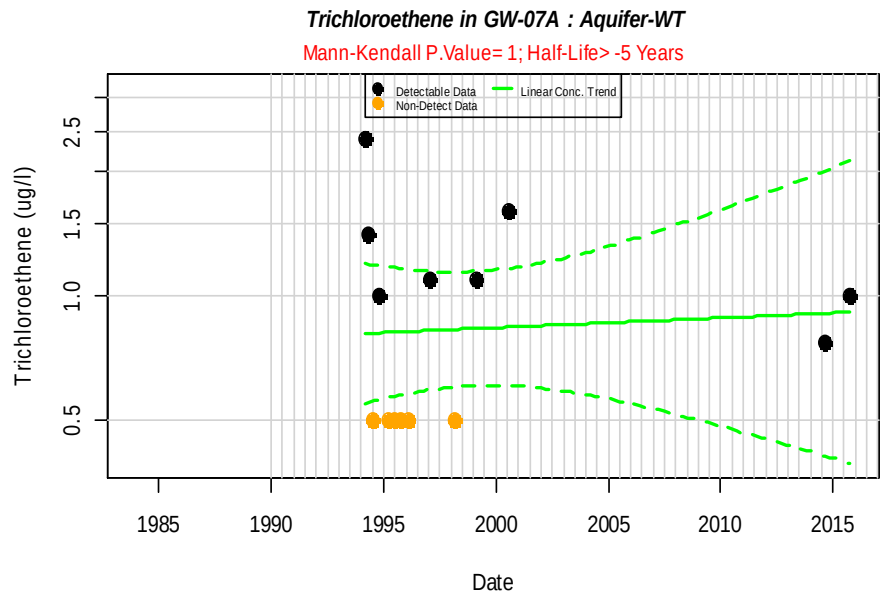

Trichloroethene in SWL0049 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
500
1985
1990
1995
2000
2005
2010
2015
Date

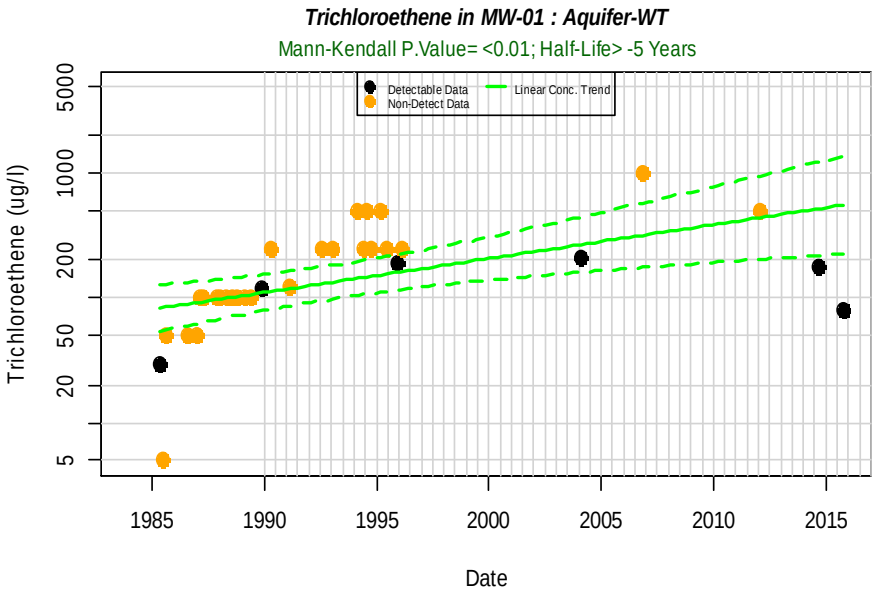

Trichloroethene in SWL0051 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1672 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
200
1985
1990
1995
2000
2005
2010
2015
Date

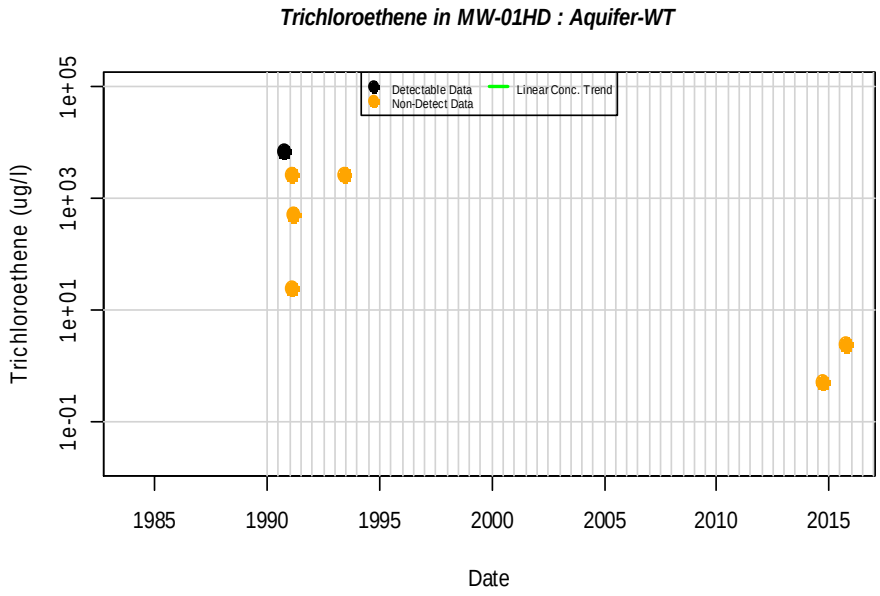

Trichloroethene in SWL0057 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
1.5
2.0
2.5
1985
1990
1995
2000
2005
2010
2015
Date

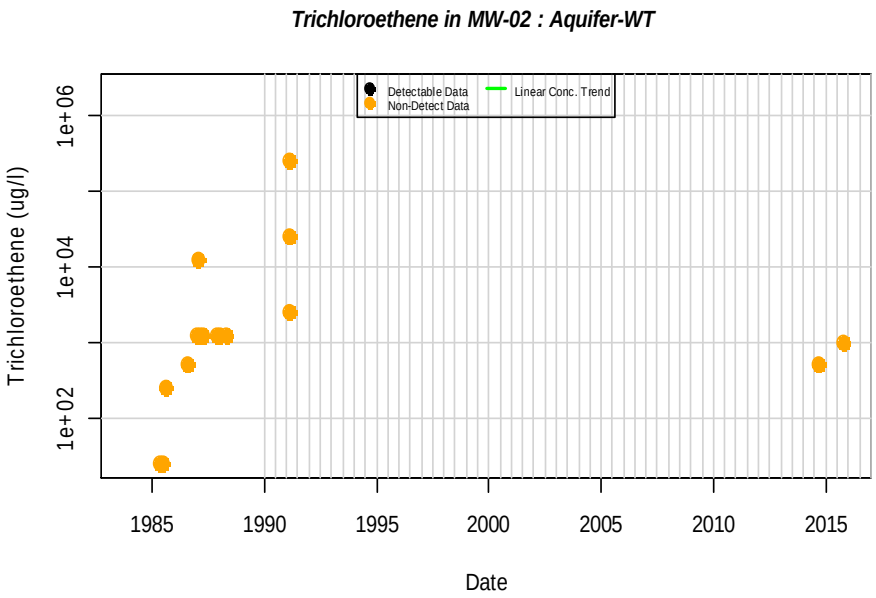

Trichloroethene in SWL0059 : Aquifer-WT
Mann-Kendall P.Value= 0.0864; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
500
1000
1500
2500
4000
1985
1990
1995
2000
2005
2010
2015
Date

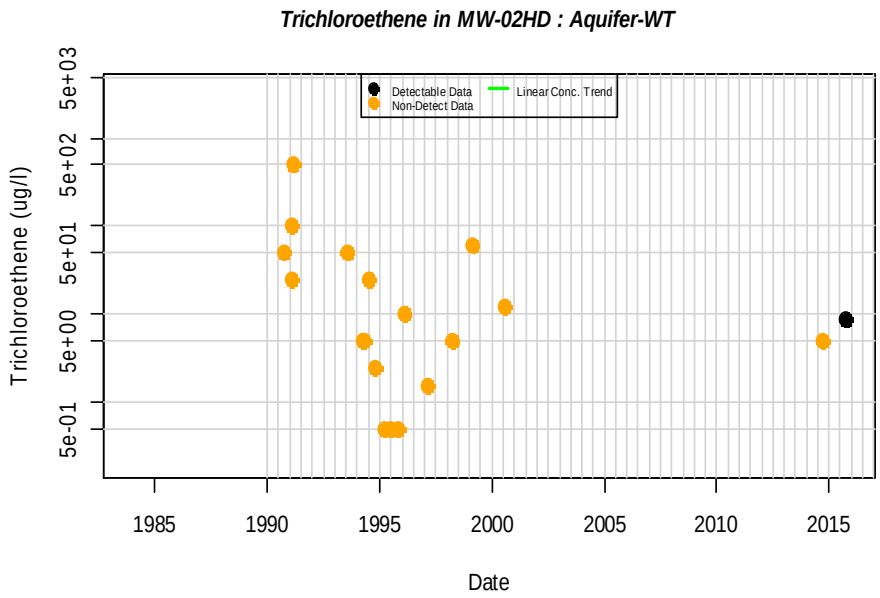

Trichloroethene in SWL0068 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1985
1990
1995
2000
2005
2010
2015
Date

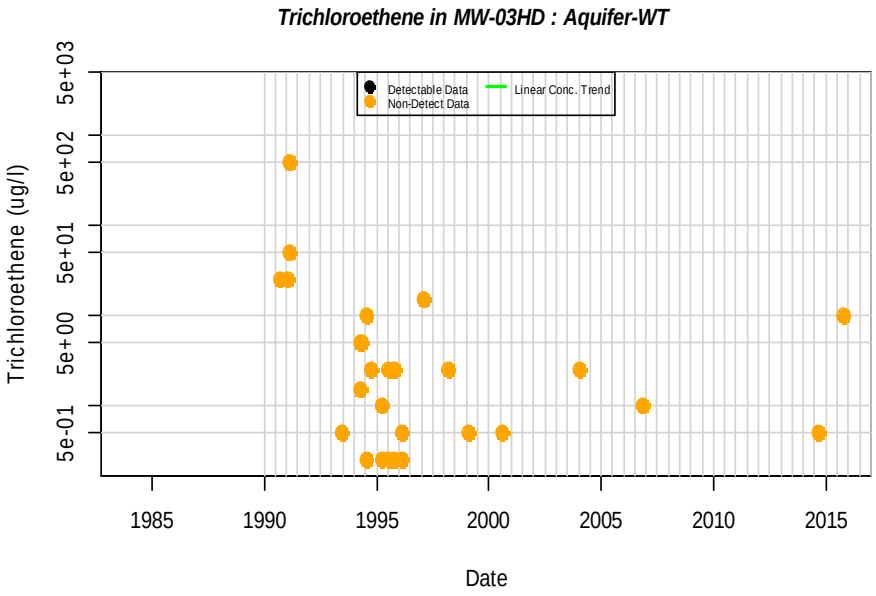

Trichloroethene in GW-07A : Aquifer-WT
Mann-Kendall P.Value= 1; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
1.5
2.5
1985
1990
1995
2000
2005
2010
2015
Date

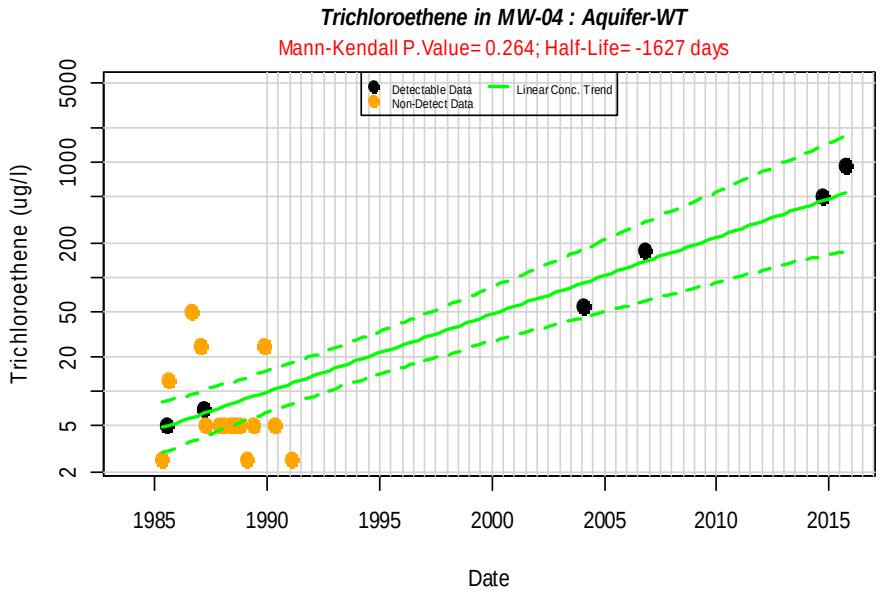

Trichloroethene in MW-01 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
20
50
200
1000
5000
1985
1990
1995
2000
2005
2010
2015
Date

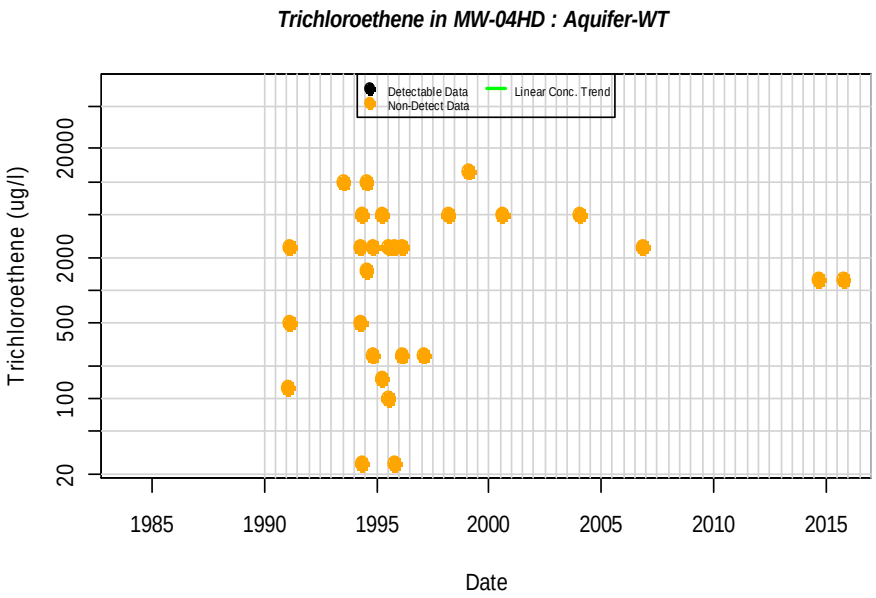

Trichloroethene in MW-01HD : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+01
1e+03
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

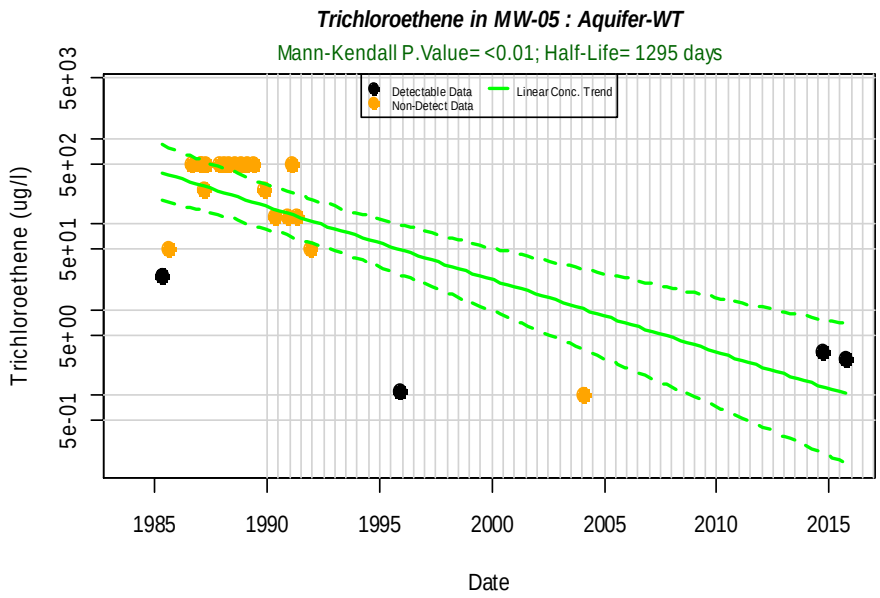

Trichloroethene in MW-02 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

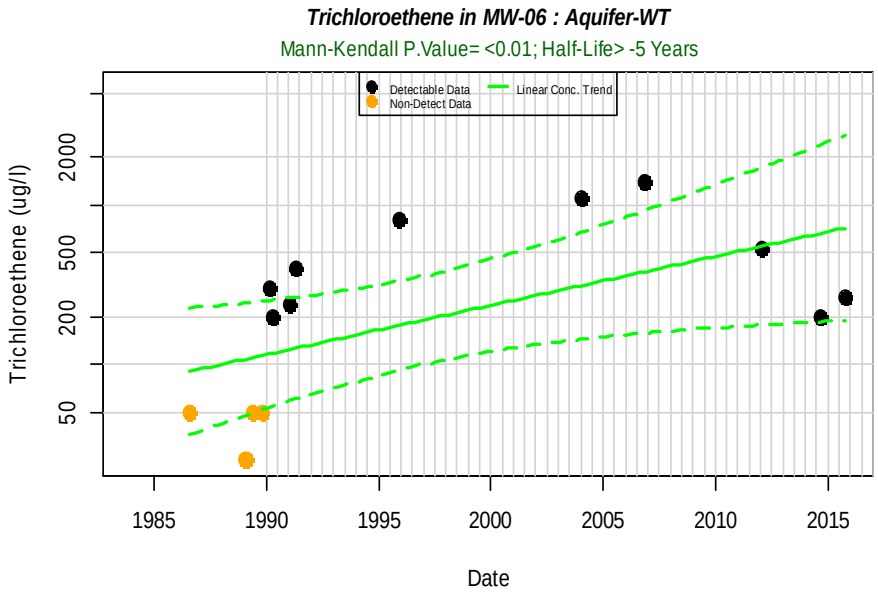

Trichloroethene in MW-02HD : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
5e+03
1985
1990
1995
2000
2005
2010
2015
Date

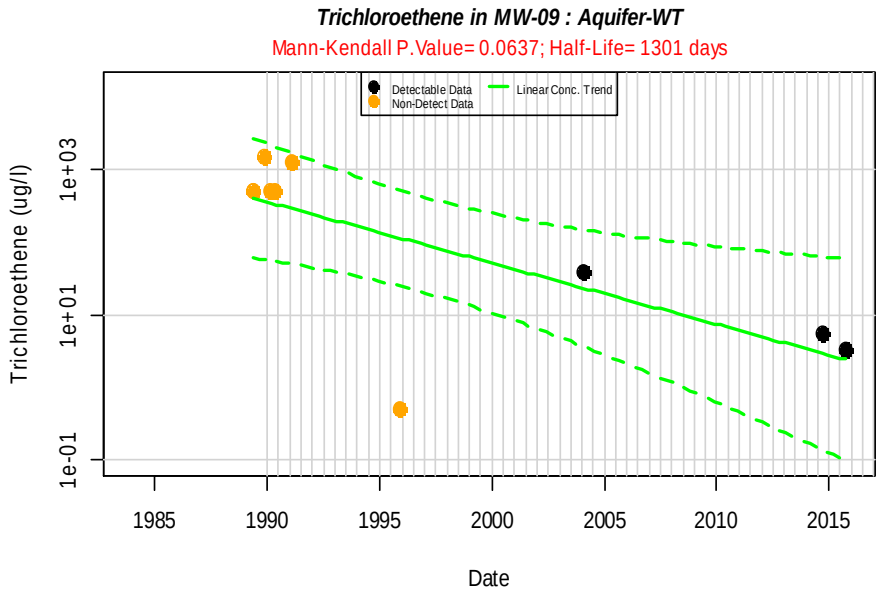

Trichloroethene in MW-03HD : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
5e+03
1985
1990
1995
2000
2005
2010
2015
Date

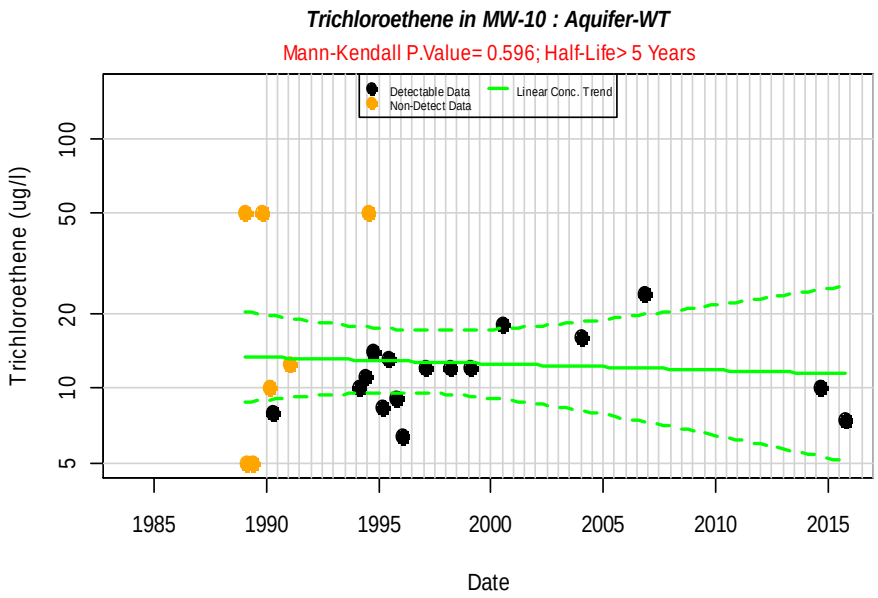

Trichloroethene in MW-04 : Aquifer-WT
Mann-Kendall P.Value= 0.264; Half-Life= -1627 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
50
200
1000
5000
1985
1990
1995
2000
2005
2010
2015
Date

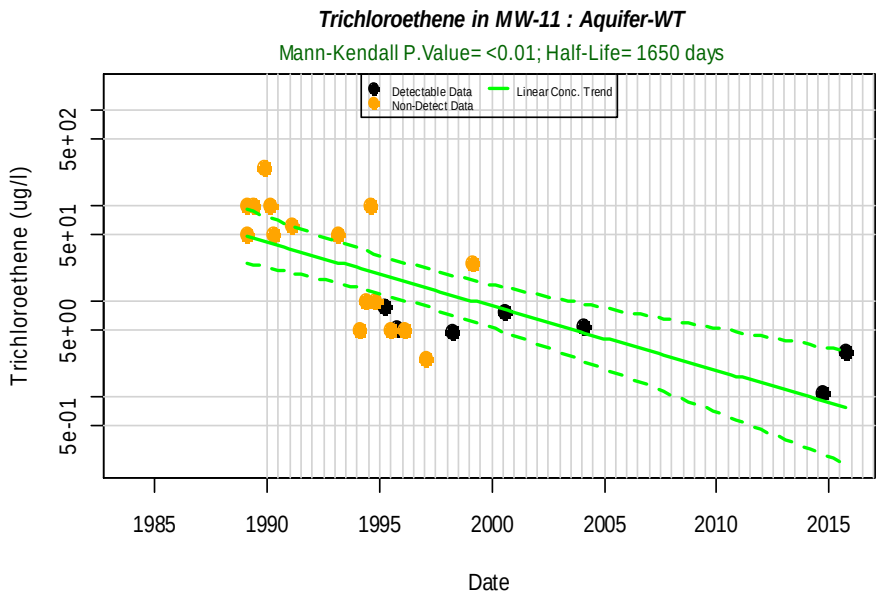

Trichloroethene in MW-04HD : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
20
100
500
2000
20000
1985
1990
1995
2000
2005
2010
2015
Date

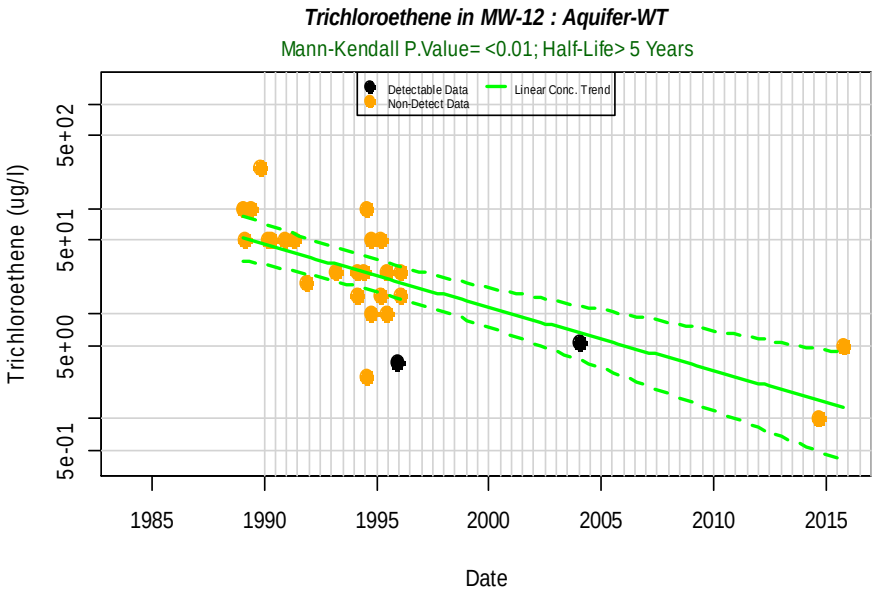

Trichloroethene in MW-05 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1295 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
5e+03
1985
1990
1995
2000
2005
2010
2015
Date

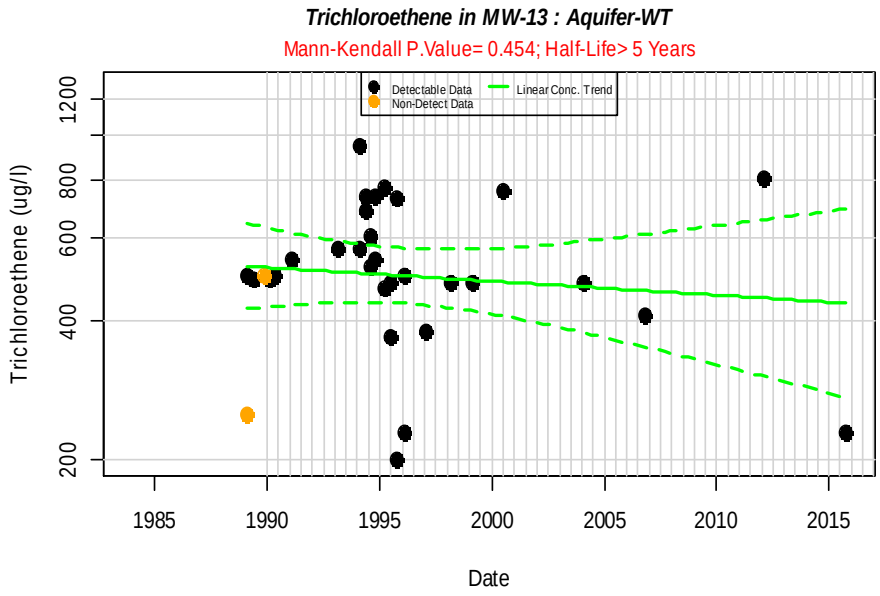

Trichloroethene in MW-06 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
50
200
500
2000
1985
1990
1995
2000
2005
2010
2015
Date

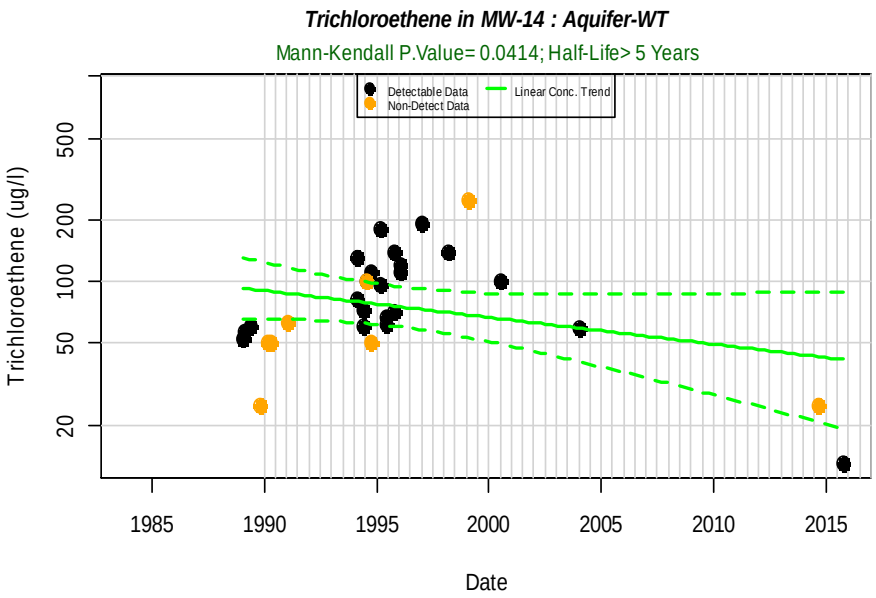

Trichloroethene in MW-09 : Aquifer-WT
Mann-Kendall P.Value= 0.0637; Half-Life= 1301 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

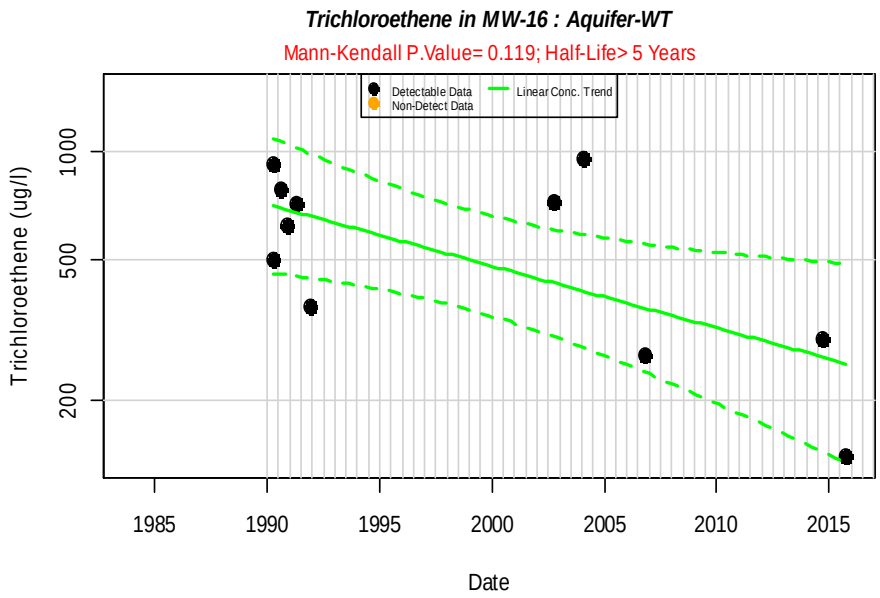

Trichloroethene in MW-10 : Aquifer-WT
Mann-Kendall P.Value= 0.596; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
1985
1990
1995
2000
2005
2010
2015
Date

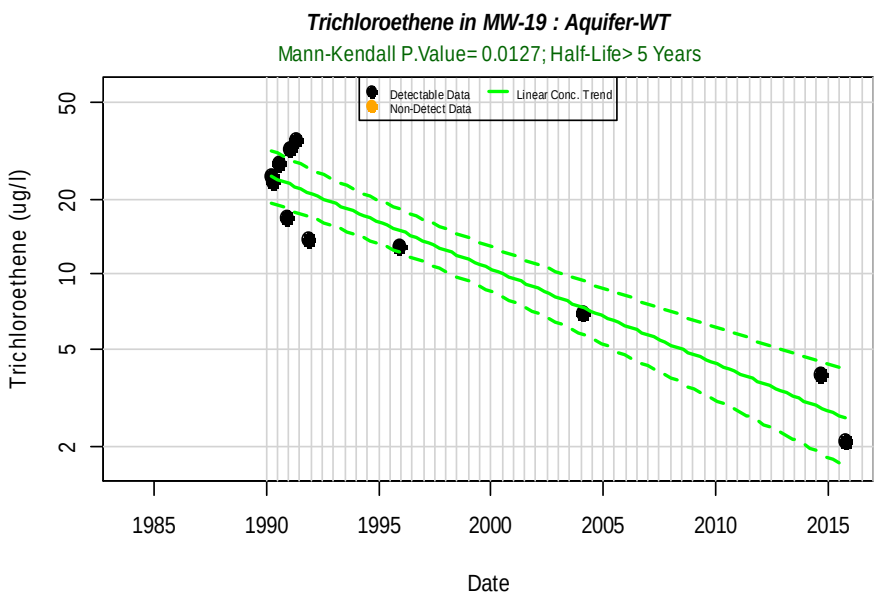

Trichloroethene in MW-11 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life= 1650 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

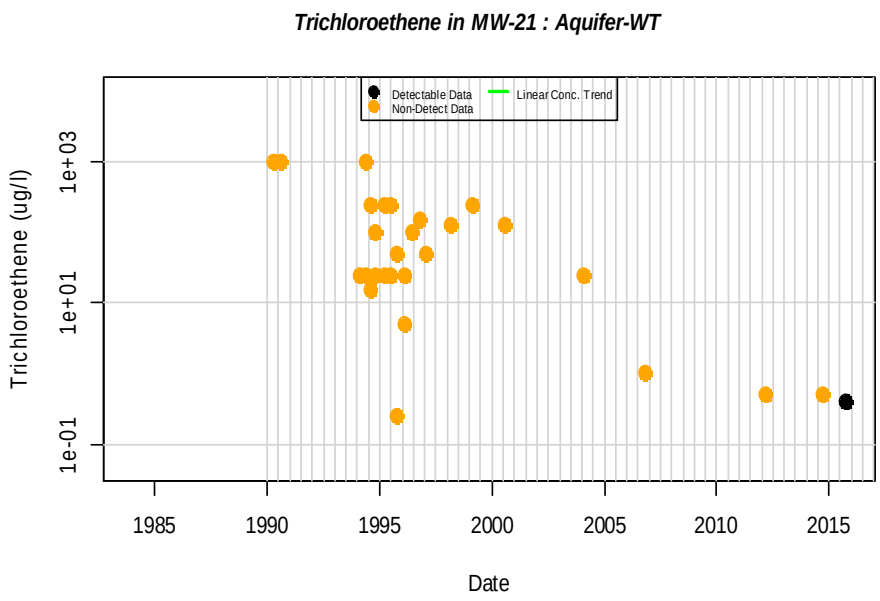

Trichloroethene in MW-12 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

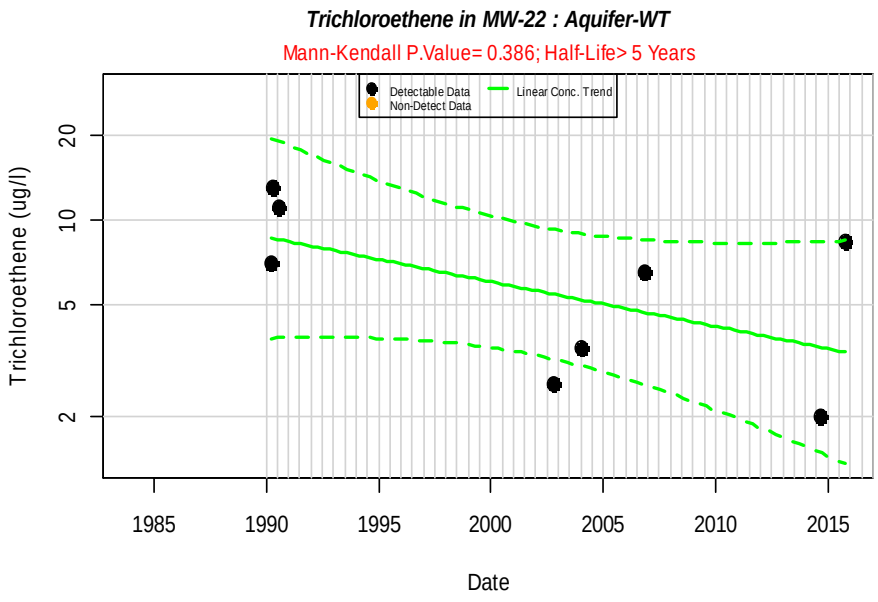

Trichloroethene in MW-13 : Aquifer-WT
Mann-Kendall P.Value= 0.454; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
400
600
800
1200
1985
1990
1995
2000
2005
2010
2015
Date

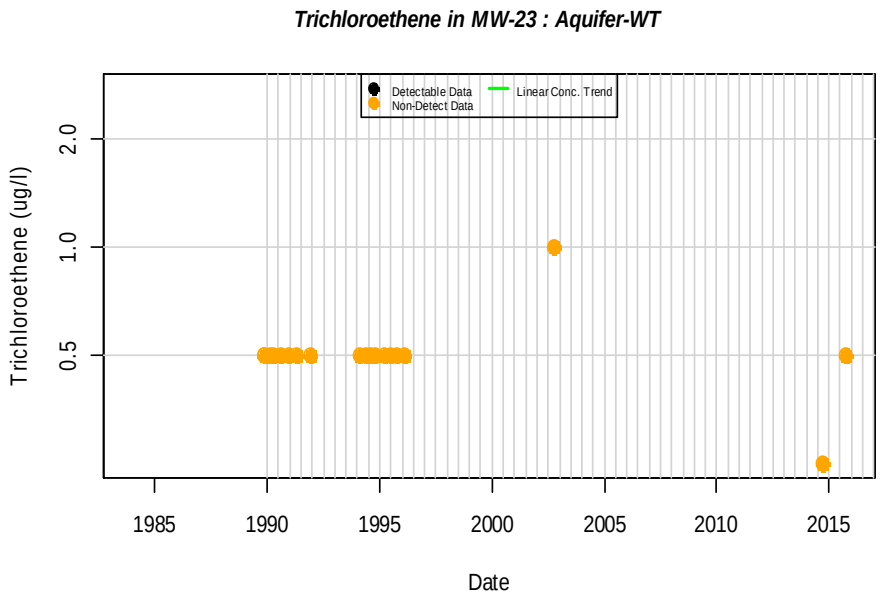

Trichloroethene in MW-14 : Aquifer-WT
Mann-Kendall P.Value= 0.0414; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
20
50
100
200
500
1985
1990
1995
2000
2005
2010
2015
Date

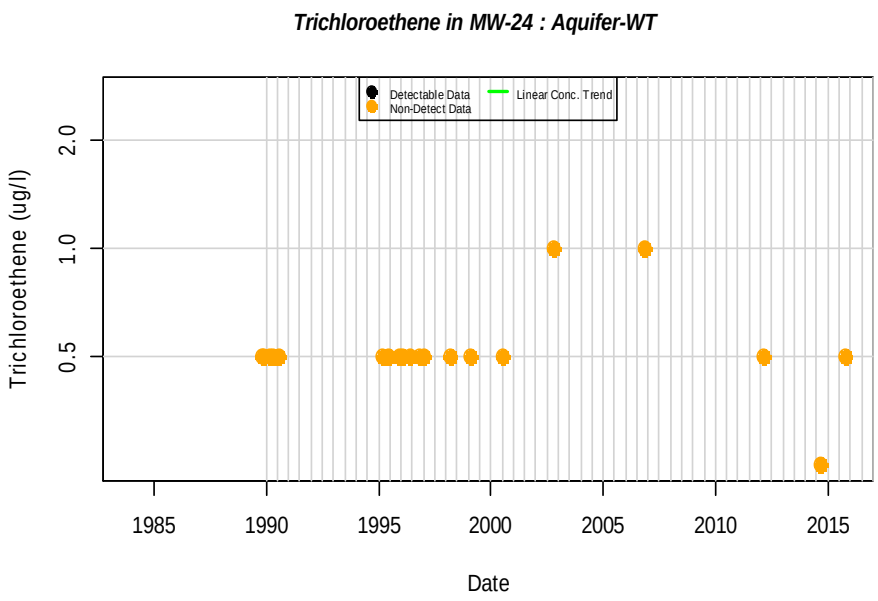

Trichloroethene in MW-16 : Aquifer-WT
Mann-Kendall P.Value= 0.119; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
500
1000
1985
1990
1995
2000
2005
2010
2015
Date

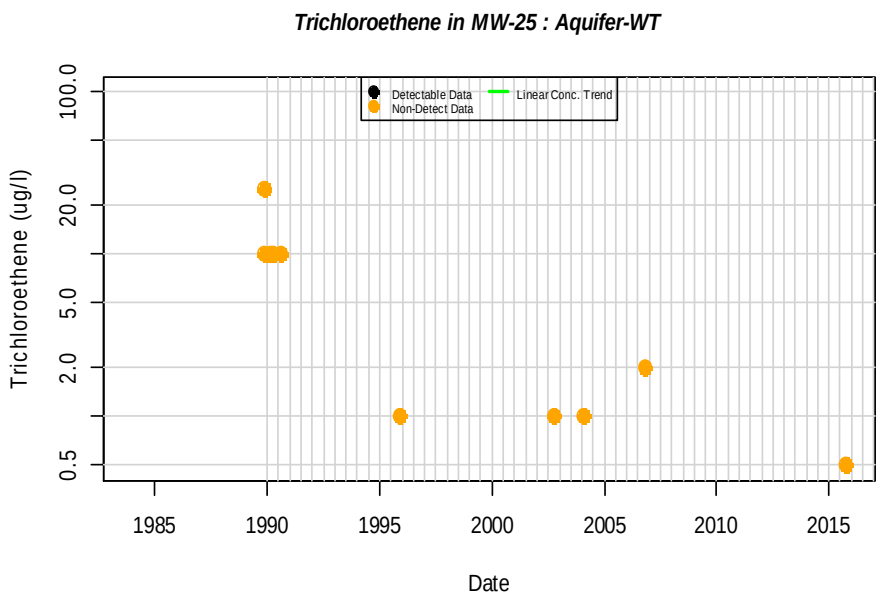

Trichloroethene in MW-19 : Aquifer-WT
Mann-Kendall P.Value= 0.0127; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
50
1985
1990
1995
2000
2005
2010
2015
Date

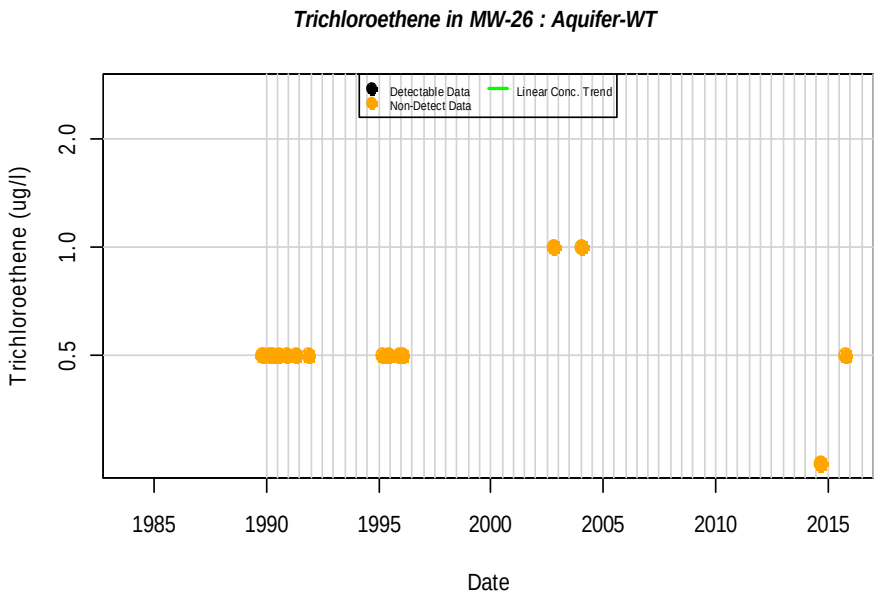

Trichloroethene in MW-21 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

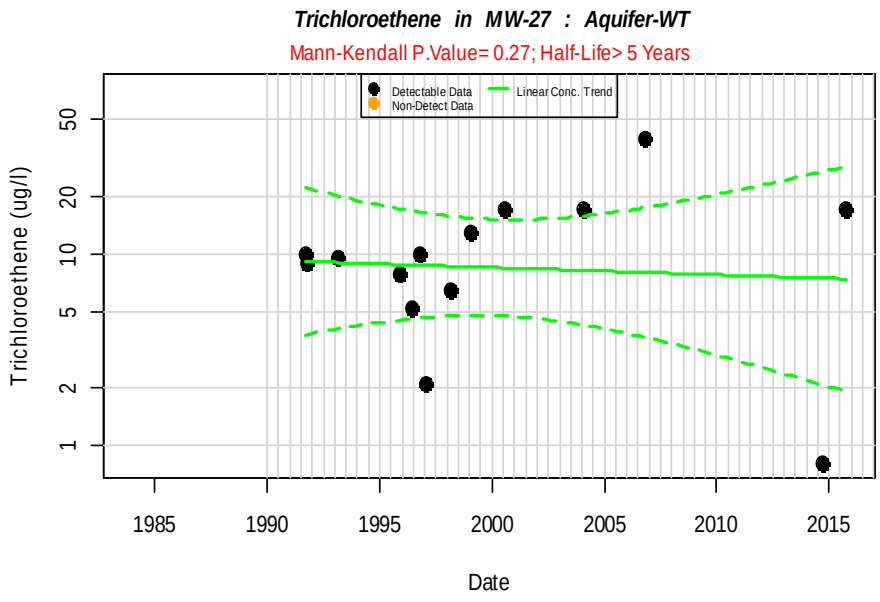

Trichloroethene in MW-22 : Aquifer-WT
Mann-Kendall P.Value= 0.386; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
1985
1990
1995
2000
2005
2010
2015
Date

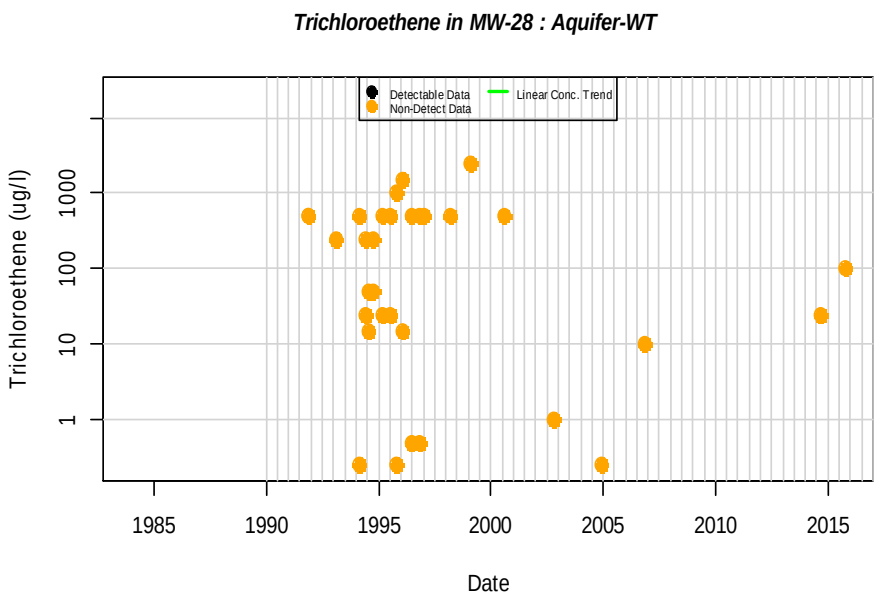

Trichloroethene in MW-23 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

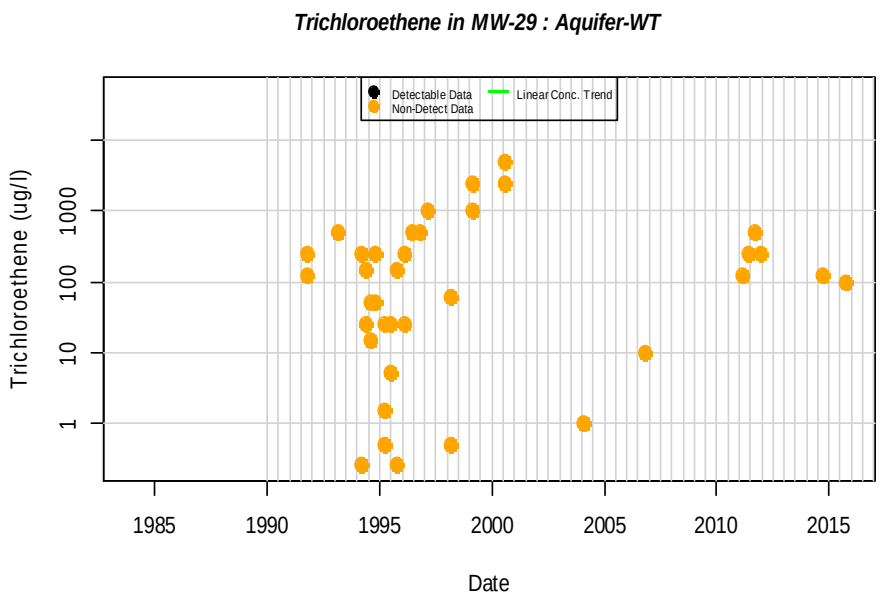

Trichloroethene in MW-24 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

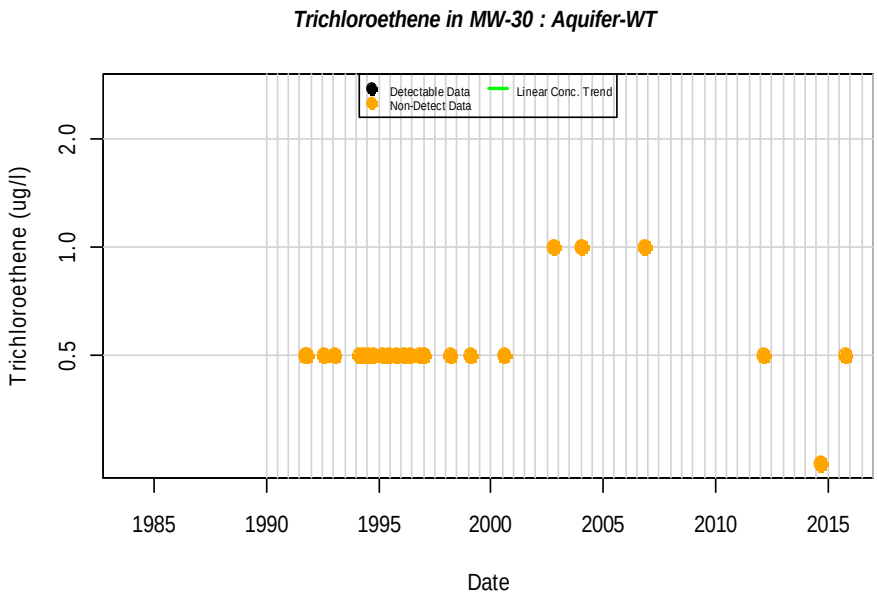

Trichloroethene in MW-25 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
100.0
1985
1990
1995
2000
2005
2010
2015
Date

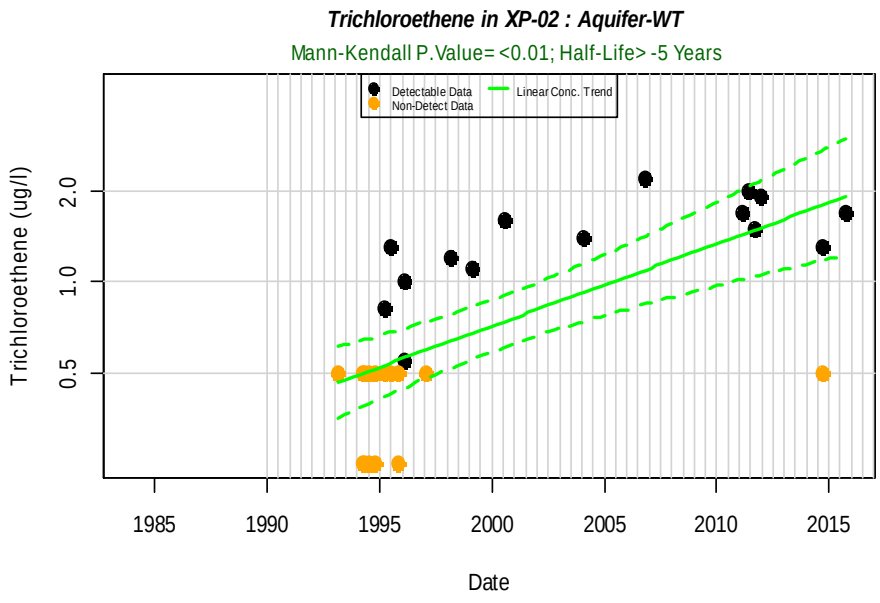

Trichloroethene in MW-26 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

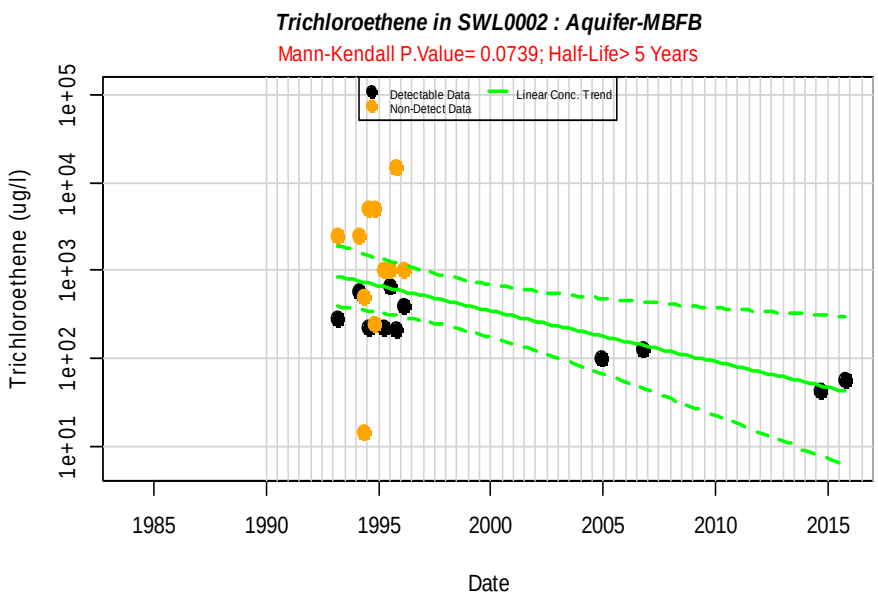

Trichloroethene in MW-27 : Aquifer-WT
Mann-Kendall P.Value= 0.27; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
20
50
1985
1990
1995
2000
2005
2010
2015
Date

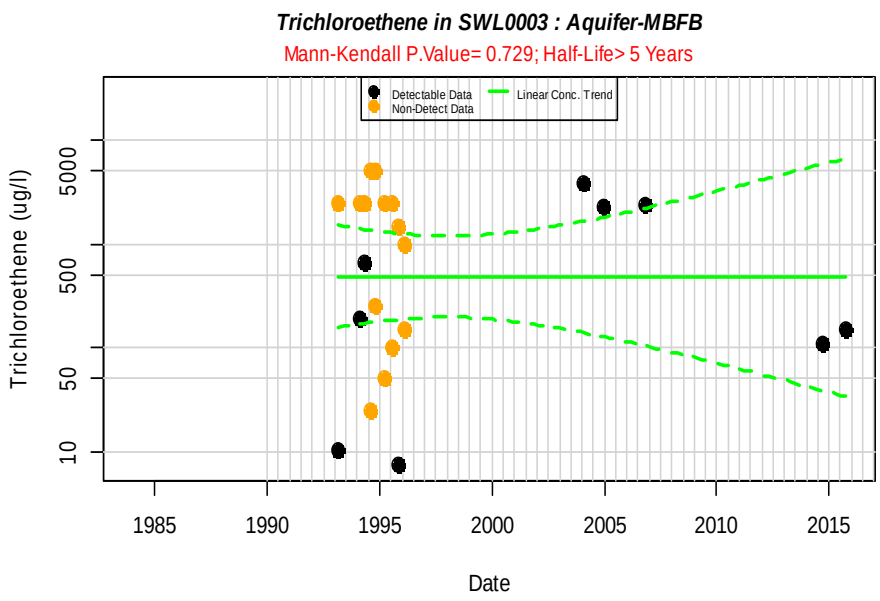

Trichloroethene in MW-28 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

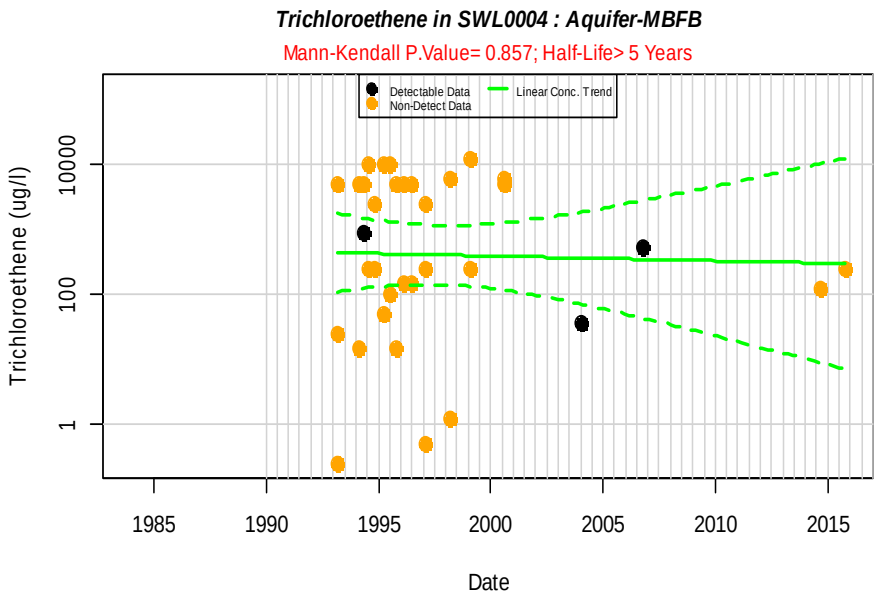

Trichloroethene in MW-29 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

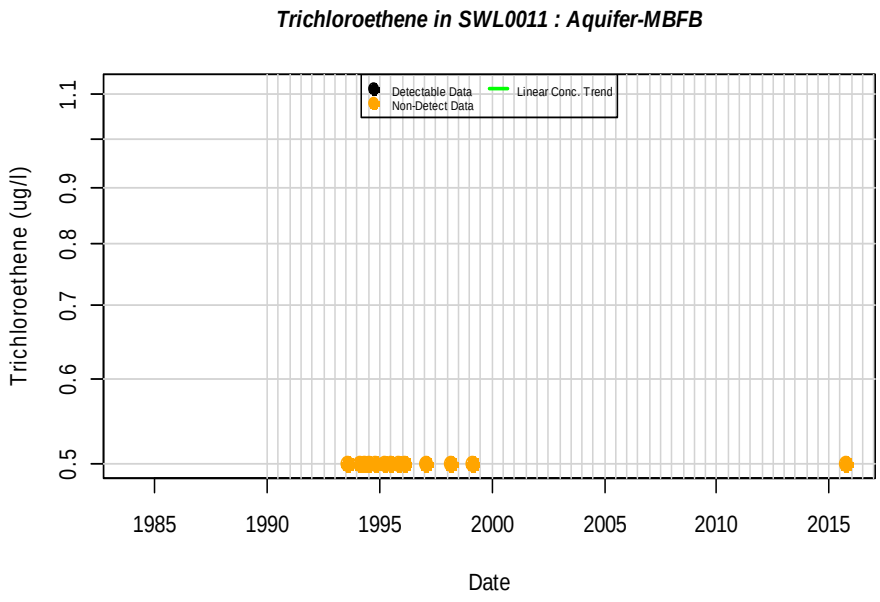

Trichloroethene in MW-30 : Aquifer-WT
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

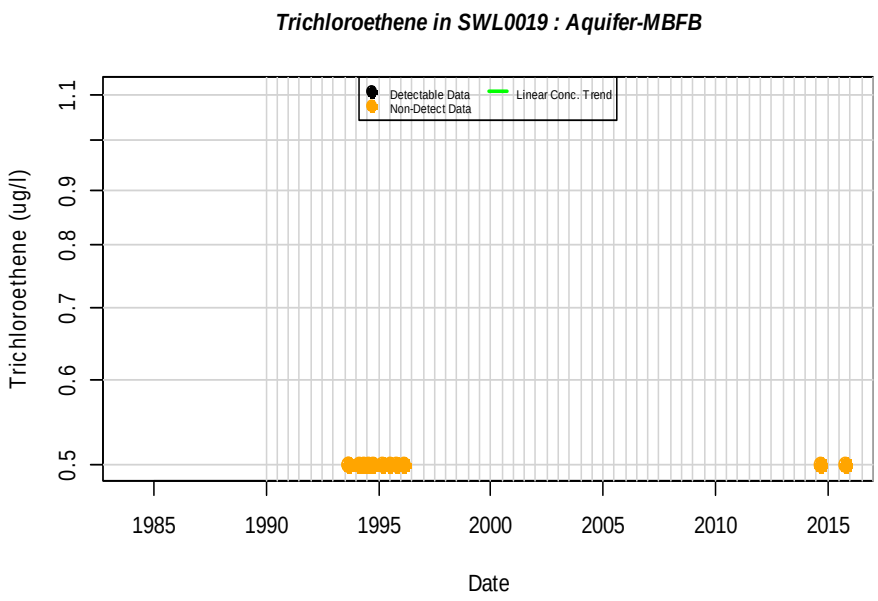

Trichloroethene in XP-02 : Aquifer-WT
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

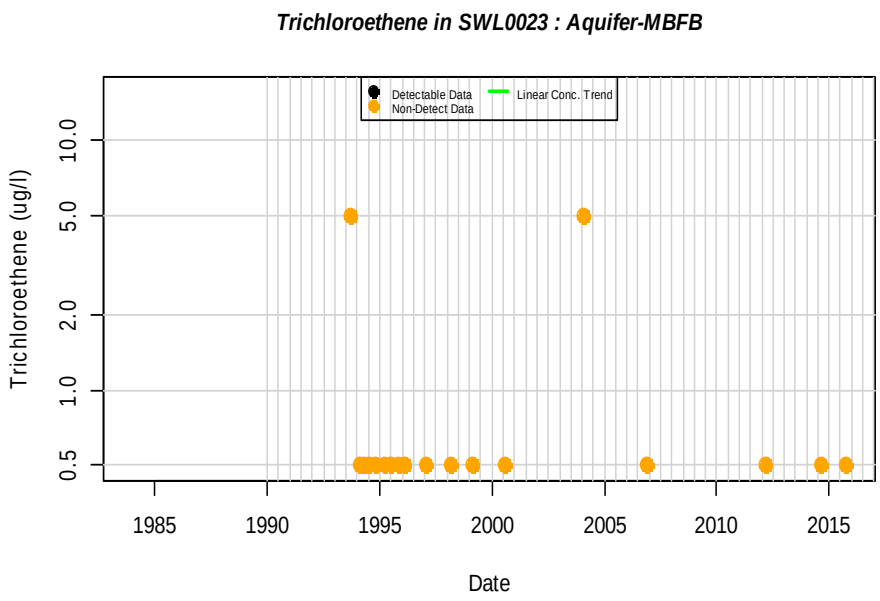

Trichloroethene in SWL0002 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0739; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+01
1e+02
1e+03
1e+04
1e+05
1985
1990
1995
2000
2005
2010
2015
Date

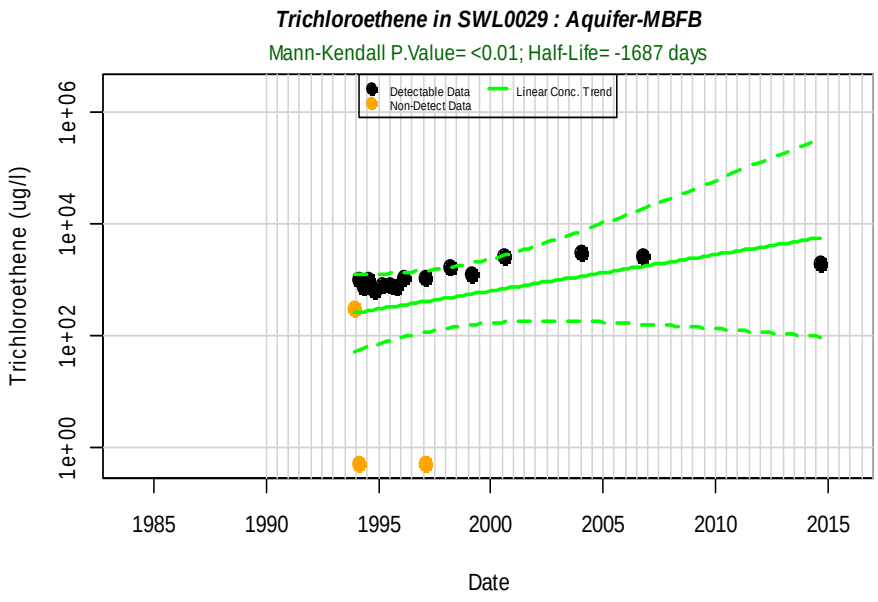

Trichloroethene in SWL0003 : Aquifer-MBFB
Mann-Kendall P.Value= 0.729; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
10
50
500
5000
1985
1990
1995
2000
2005
2010
2015
Date

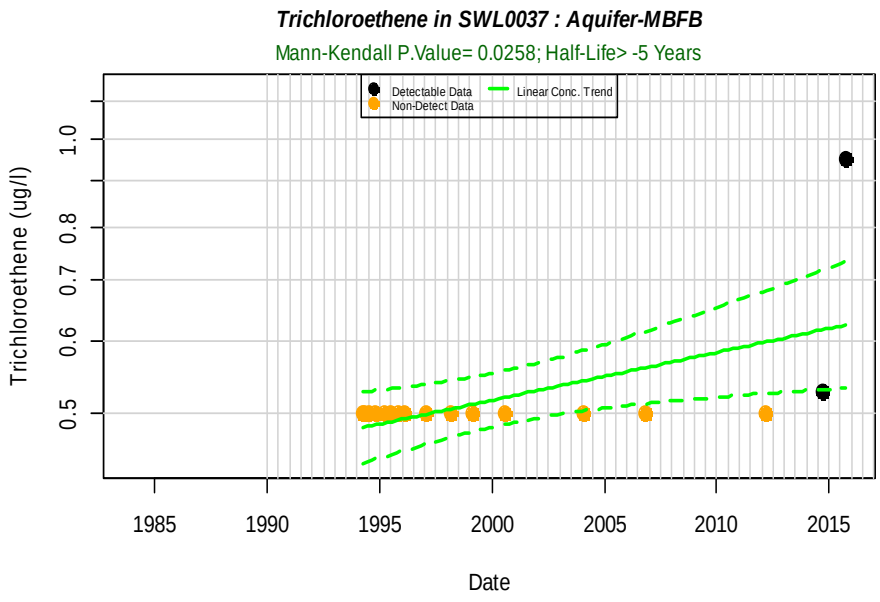

Trichloroethene in SWL0004 : Aquifer-MBFB
Mann-Kendall P.Value= 0.857; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
100
10000
1985
1990
1995
2000
2005
2010
2015
Date

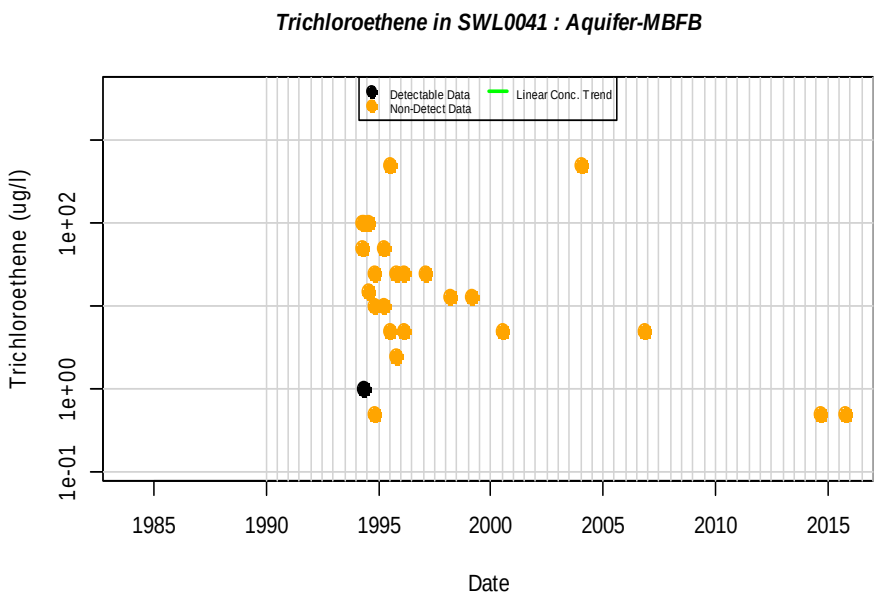

Trichloroethene in SWL0011 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

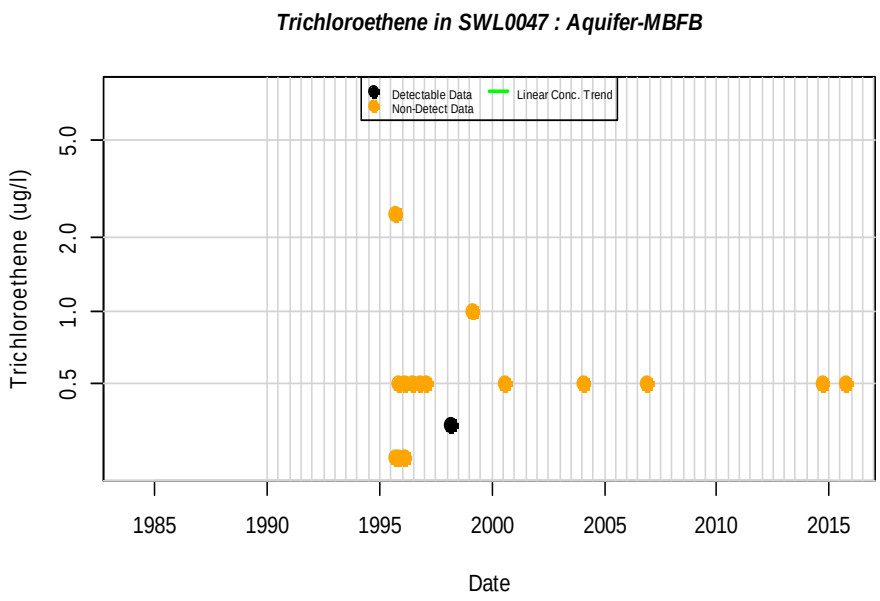

Trichloroethene in SWL0019 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

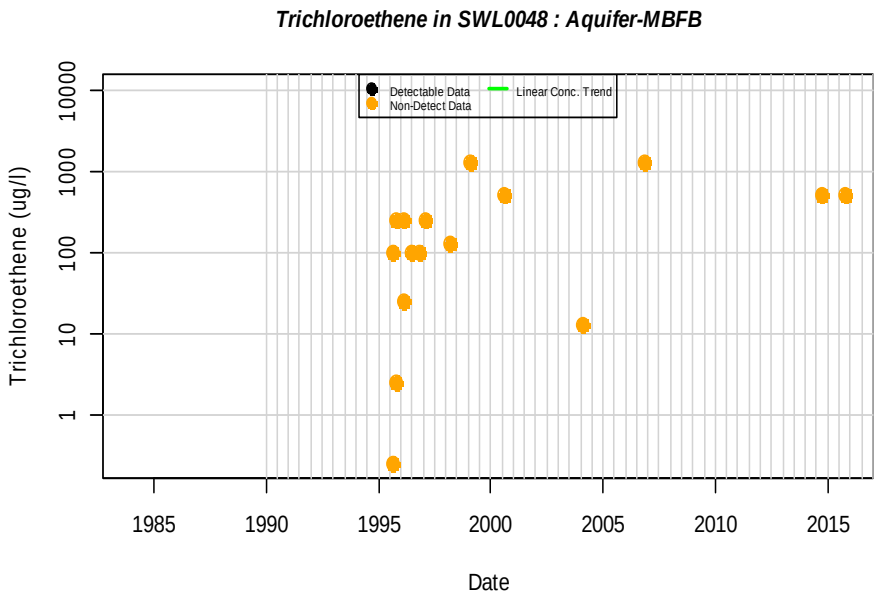

Trichloroethene in SWL0023 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1985
1990
1995
2000
2005
2010
2015
Date

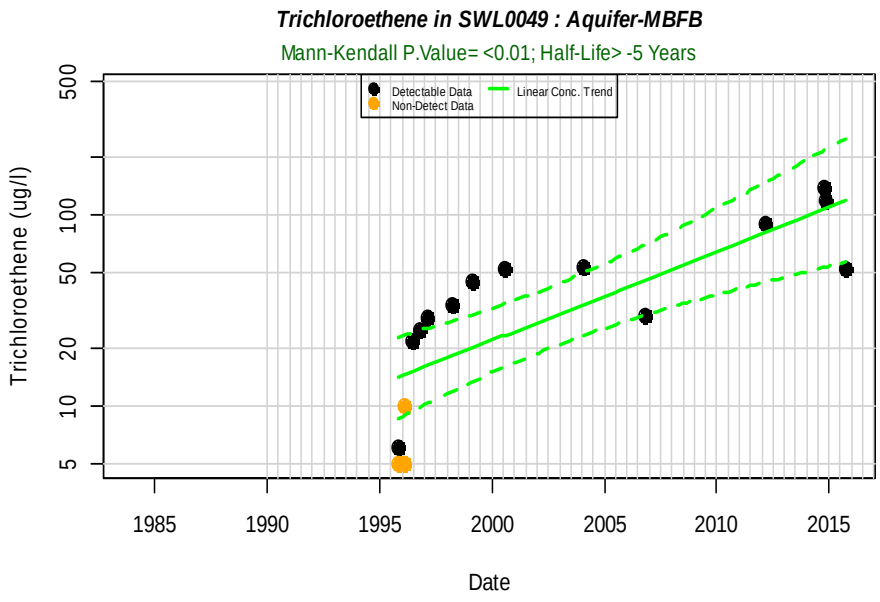

Trichloroethene in SWL0029 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= -1687 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+00
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

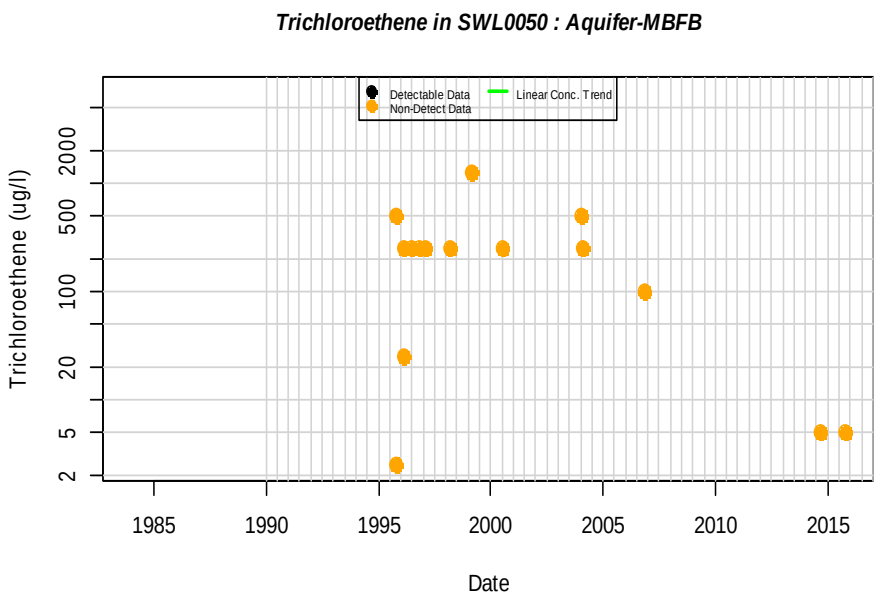

Trichloroethene in SWL0037 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0258; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
1.0
1985
1990
1995
2000
2005
2010
2015
Date

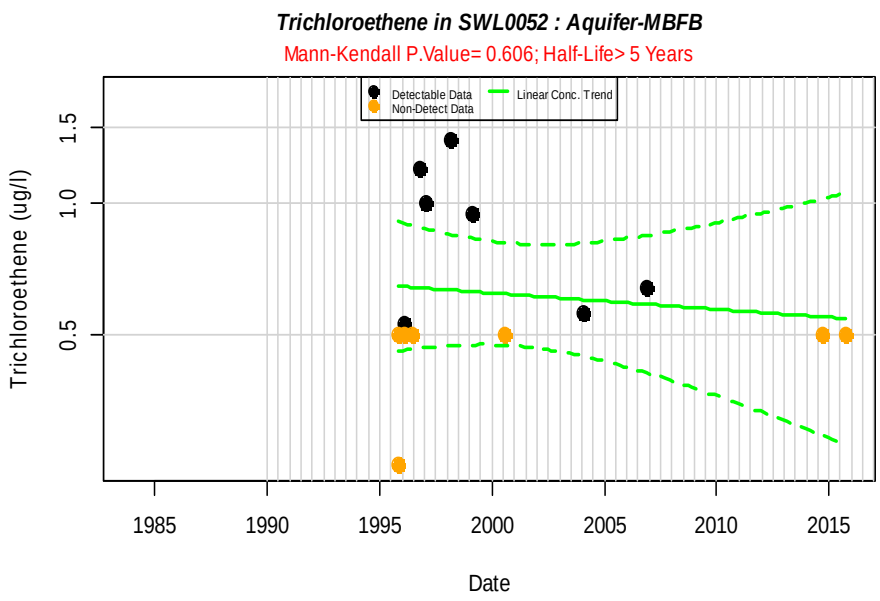

Trichloroethene in SWL0041 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+00
1e+02
1985
1990
1995
2000
2005
2010
2015
Date

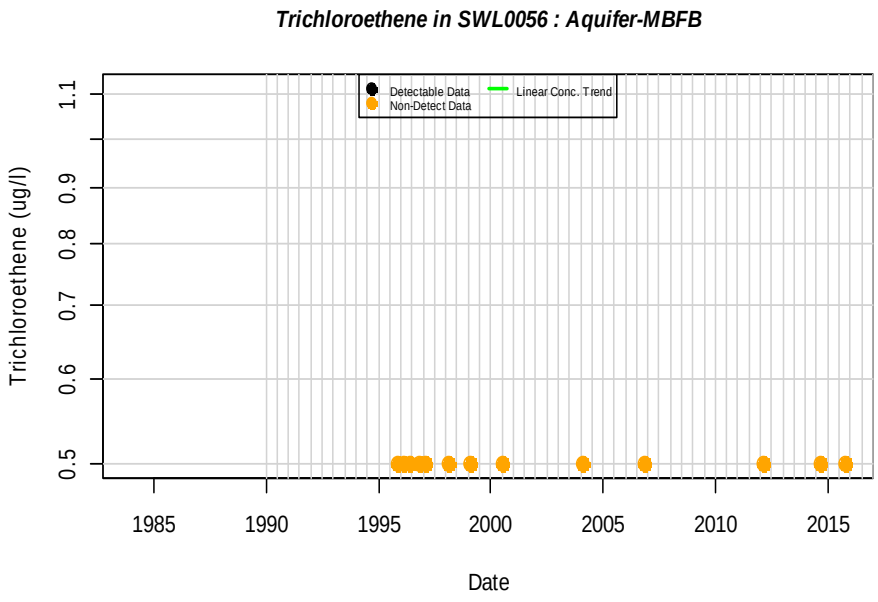

Trichloroethene in SWL0047 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
1985
1990
1995
2000
2005
2010
2015
Date

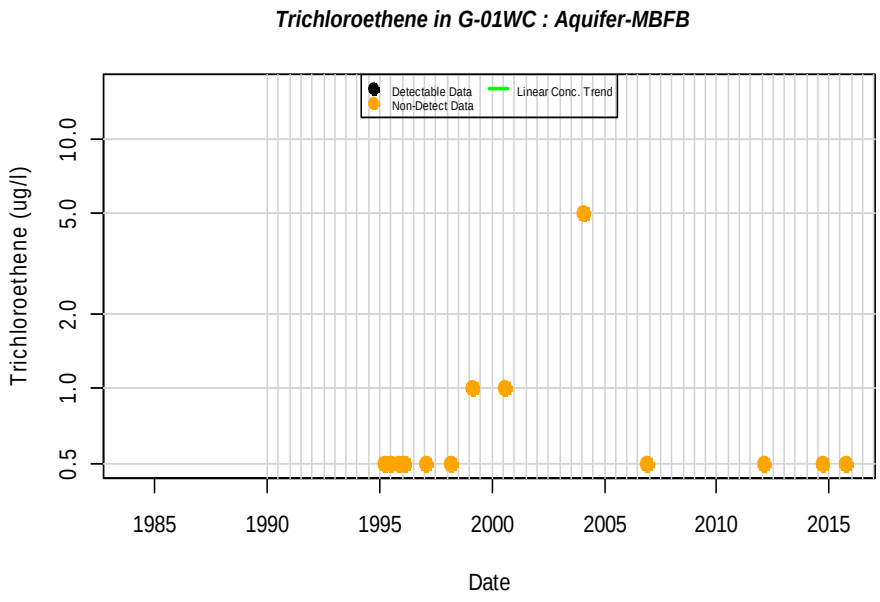

Trichloroethene in SWL0048 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1985
1990
1995
2000
2005
2010
2015
Date

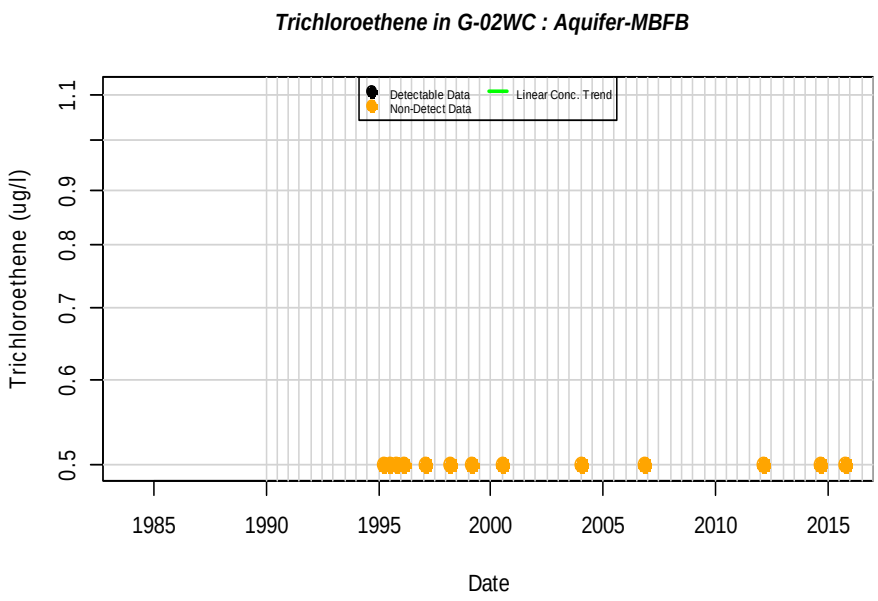

Trichloroethene in SWL0049 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
500
1985
1990
1995
2000
2005
2010
2015
Date

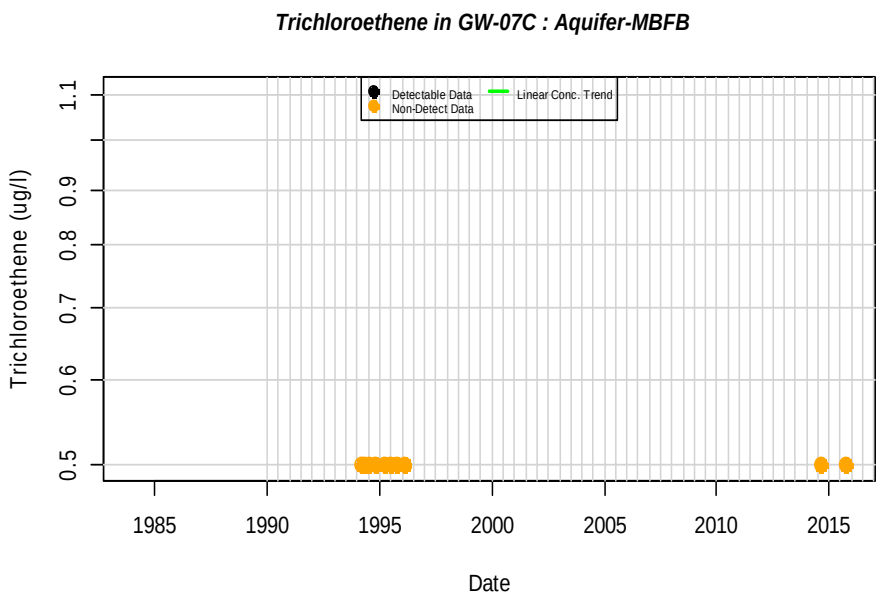

Trichloroethene in SWL0050 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
100
500
2000
1985
1990
1995
2000
2005
2010
2015
Date

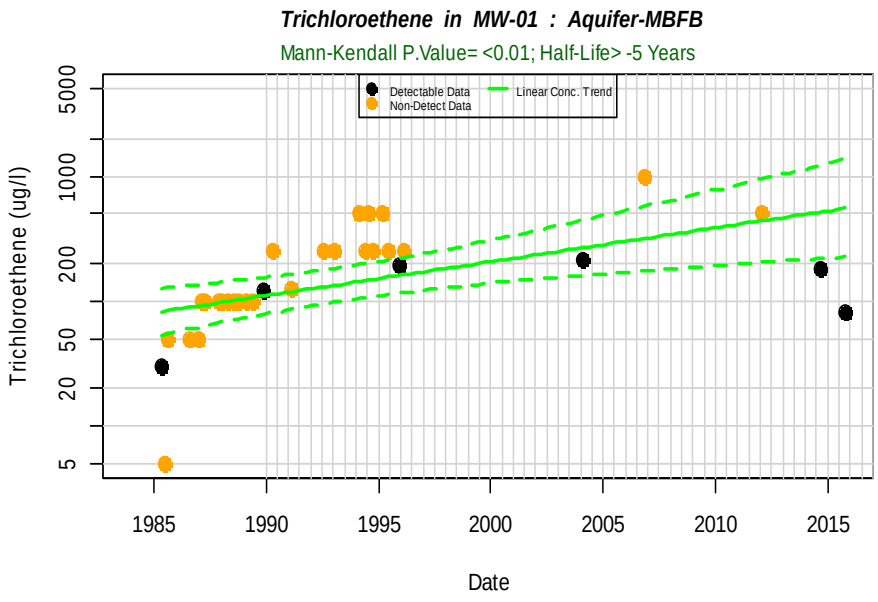

Trichloroethene in SWL0052 : Aquifer-MBFB
Mann-Kendall P.Value= 0.606; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
1.5
1985
1990
1995
2000
2005
2010
2015
Date

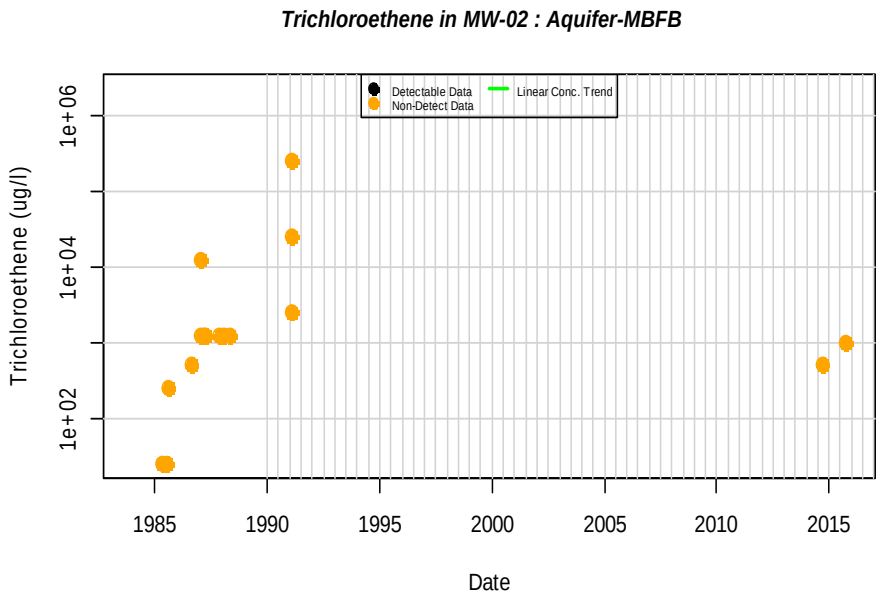

Trichloroethene in SWL0056 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

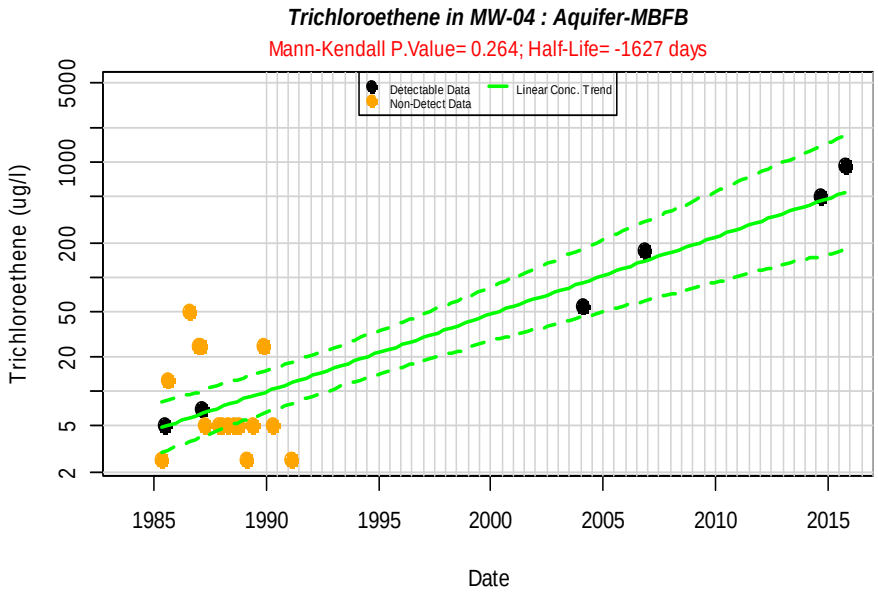

Trichloroethene in G-01WC : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1985
1990
1995
2000
2005
2010
2015
Date

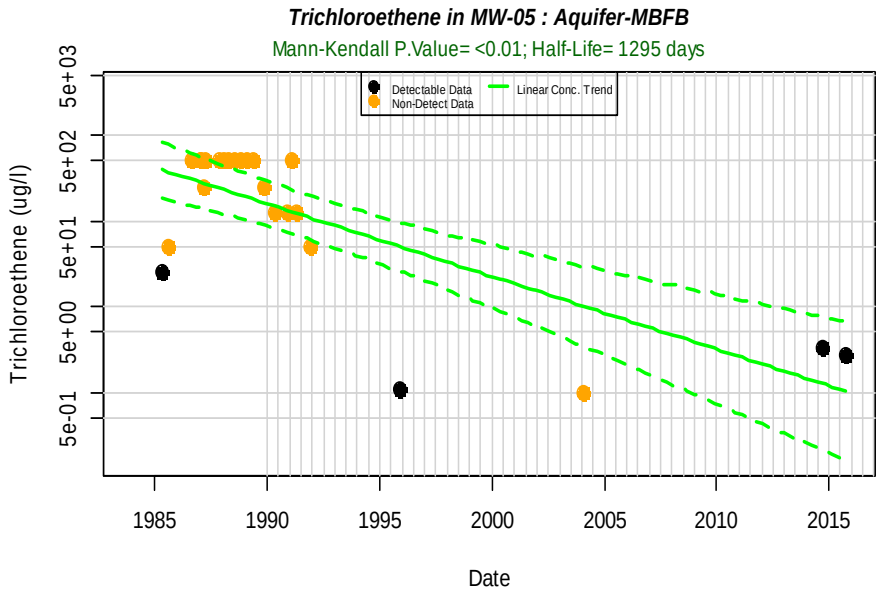

Trichloroethene in G-02WC : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

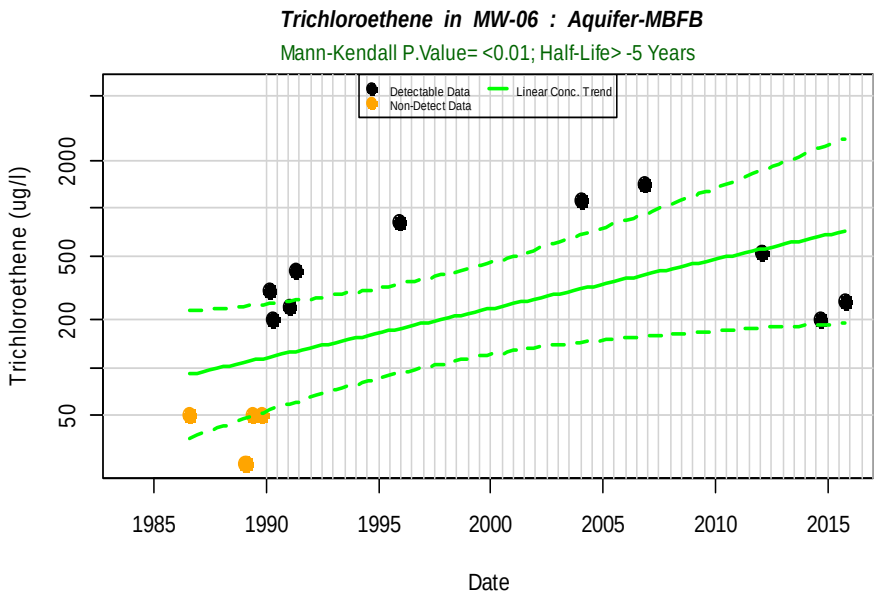

Trichloroethene in GW-07C : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

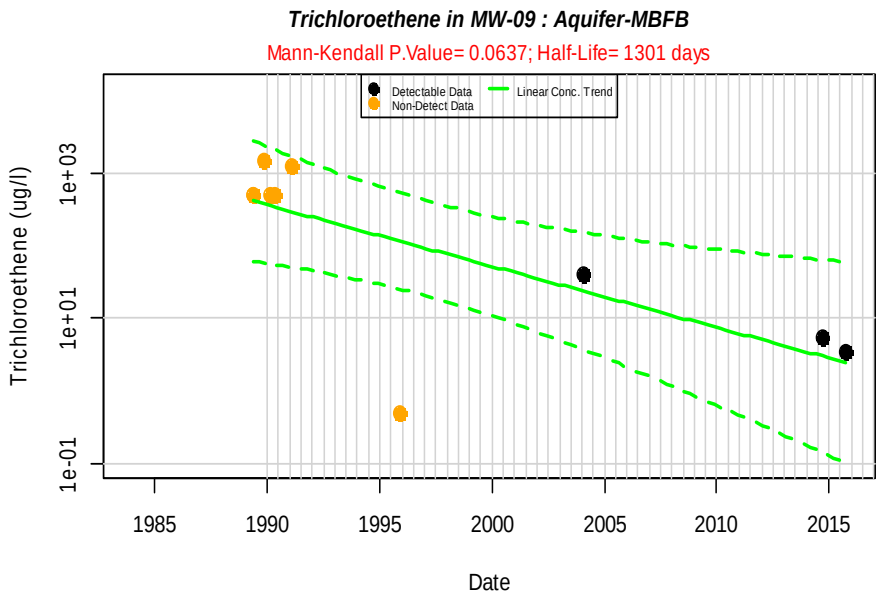

Trichloroethene in MW-01 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
20
50
200
1000
5000
1985
1990
1995
2000
2005
2010
2015
Date

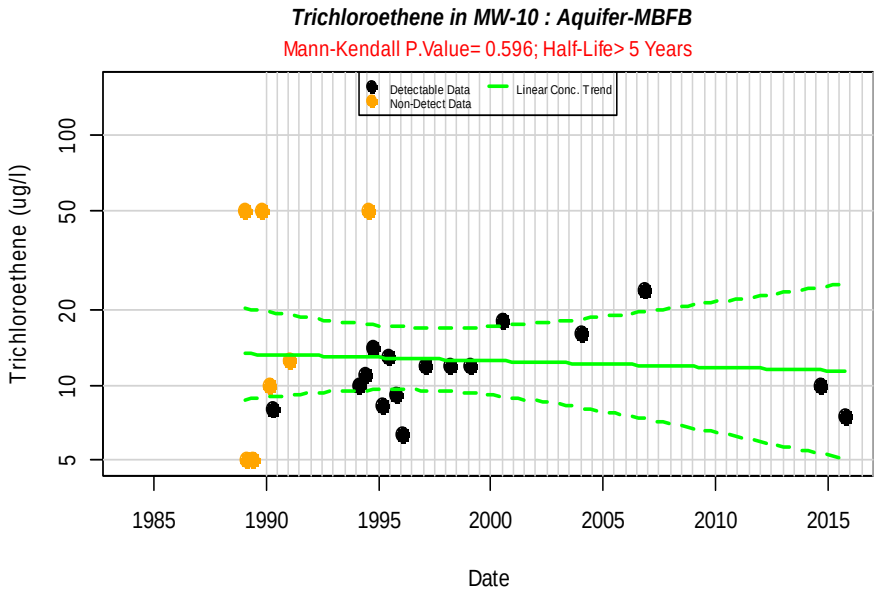

Trichloroethene in MW-02 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e+02
1e+04
1e+06
1985
1990
1995
2000
2005
2010
2015
Date

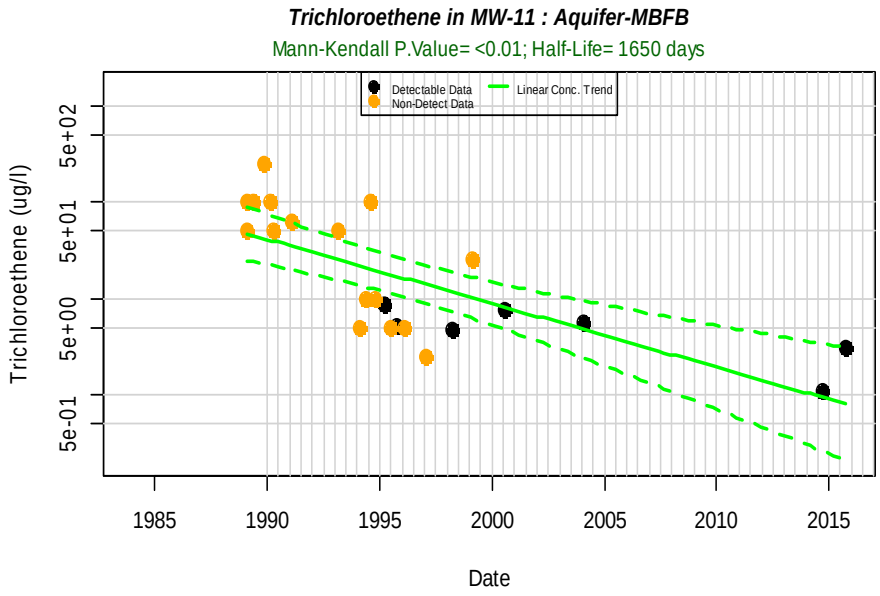

Trichloroethene in MW-04 : Aquifer-MBFB
Mann-Kendall P.Value= 0.264; Half-Life= -1627 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
50
200
1000
5000
1985
1990
1995
2000
2005
2010
2015
Date

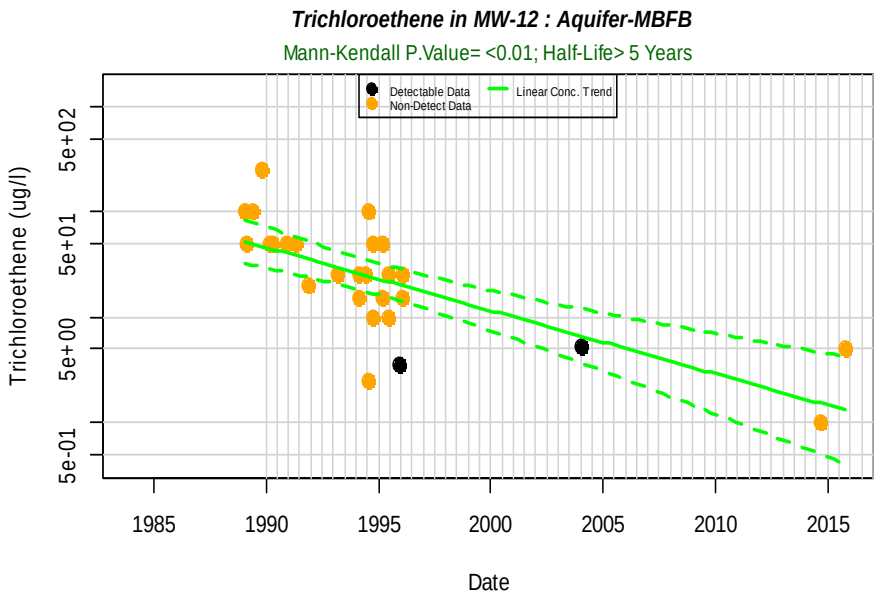

Trichloroethene in MW-05 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 1295 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
5e+03
1985
1990
1995
2000
2005
2010
2015
Date

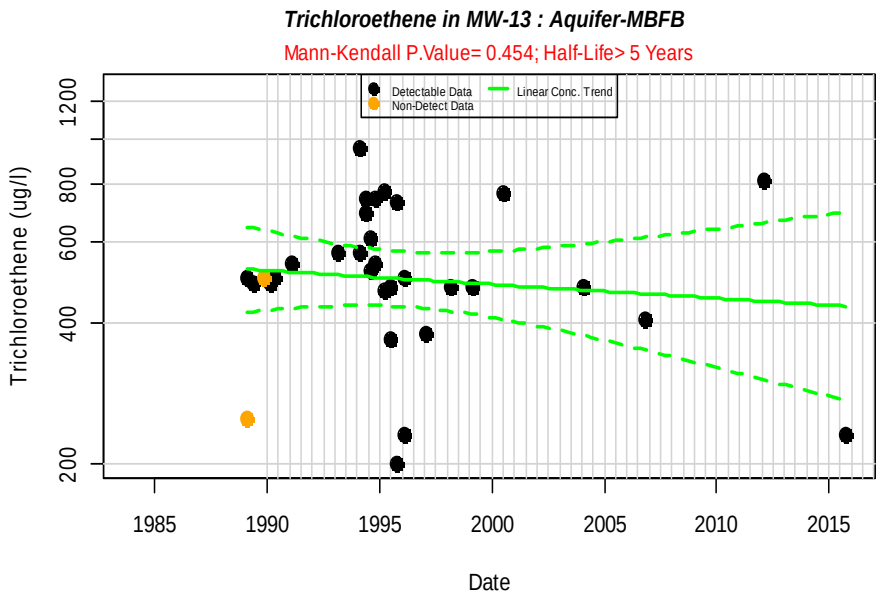

Trichloroethene in MW-06 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
50
200
500
2000
1985
1990
1995
2000
2005
2010
2015
Date

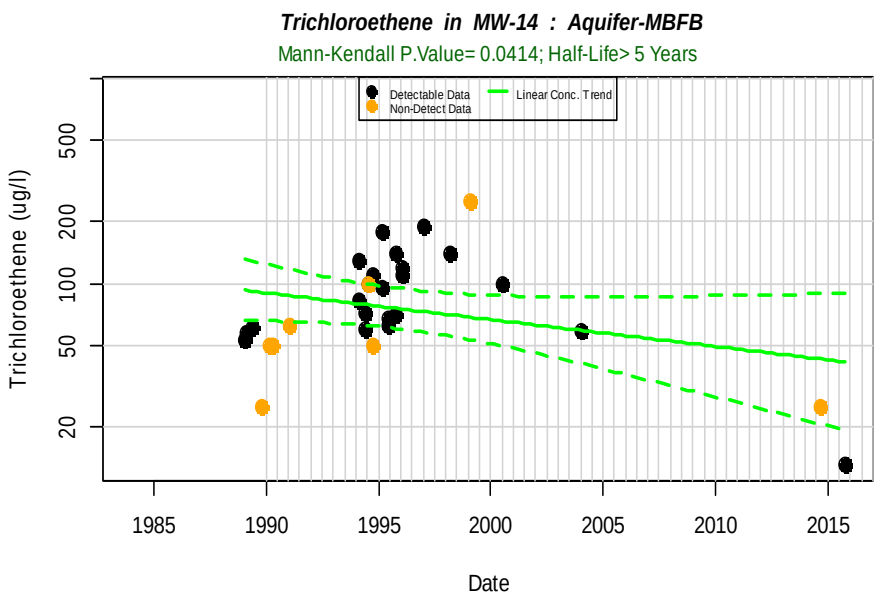

Trichloroethene in MW-09 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0637; Half-Life= 1301 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

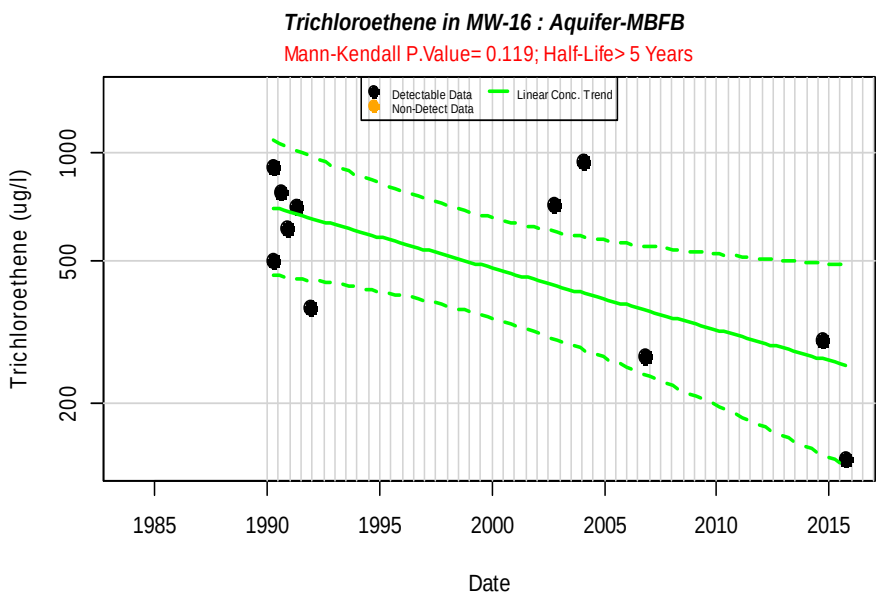

Trichloroethene in MW-10 : Aquifer-MBFB
Mann-Kendall P.Value= 0.596; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
1985
1990
1995
2000
2005
2010
2015
Date

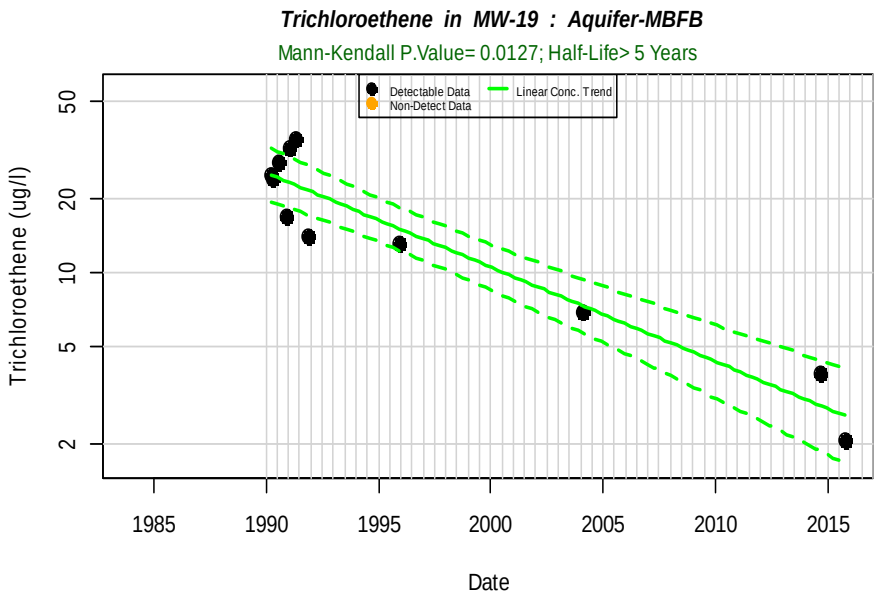

Trichloroethene in MW-11 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life= 1650 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

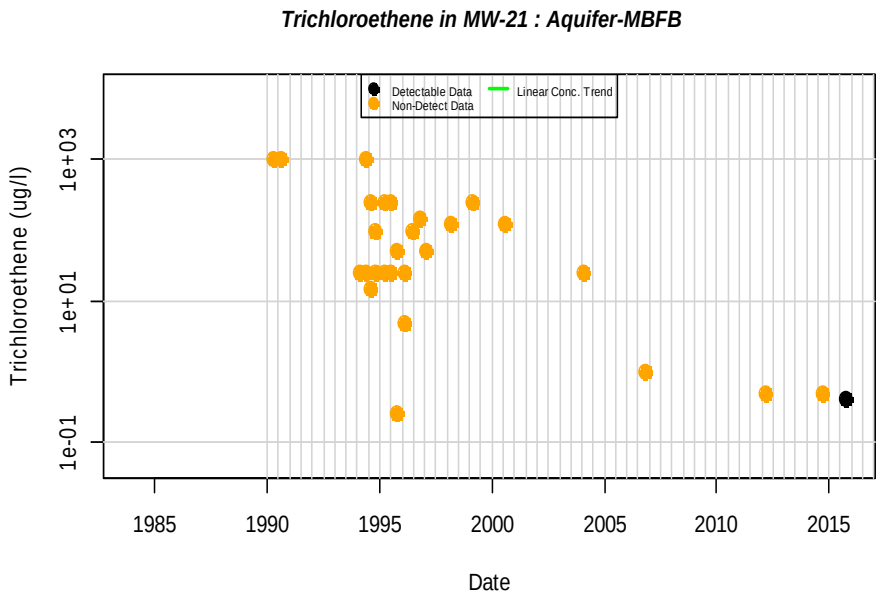

Trichloroethene in MW-12 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1985
1990
1995
2000
2005
2010
2015
Date

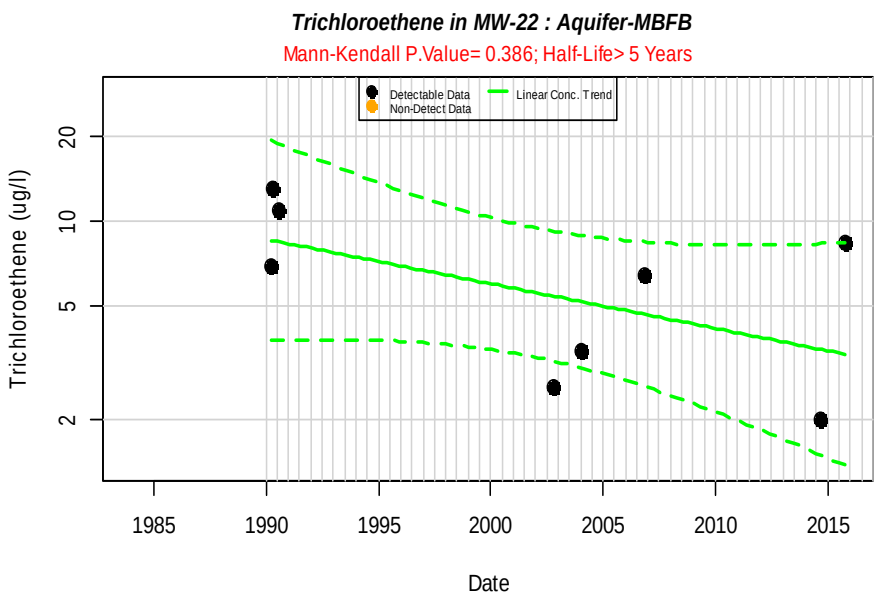

Trichloroethene in MW-13 : Aquifer-MBFB
Mann-Kendall P.Value= 0.454; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
400
600
800
1200
1985
1990
1995
2000
2005
2010
2015
Date

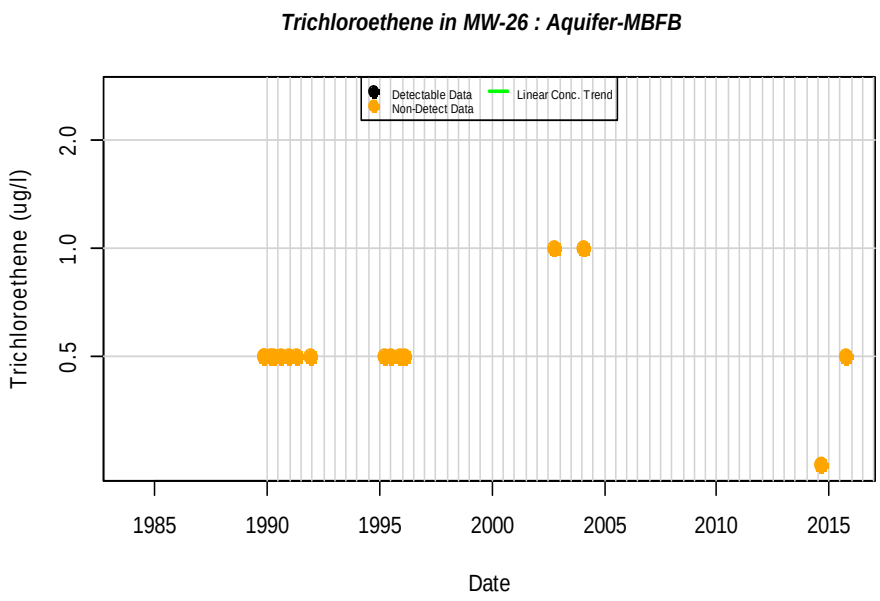

Trichloroethene in MW-14 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0414; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
20
50
100
200
500
1985
1990
1995
2000
2005
2010
2015
Date

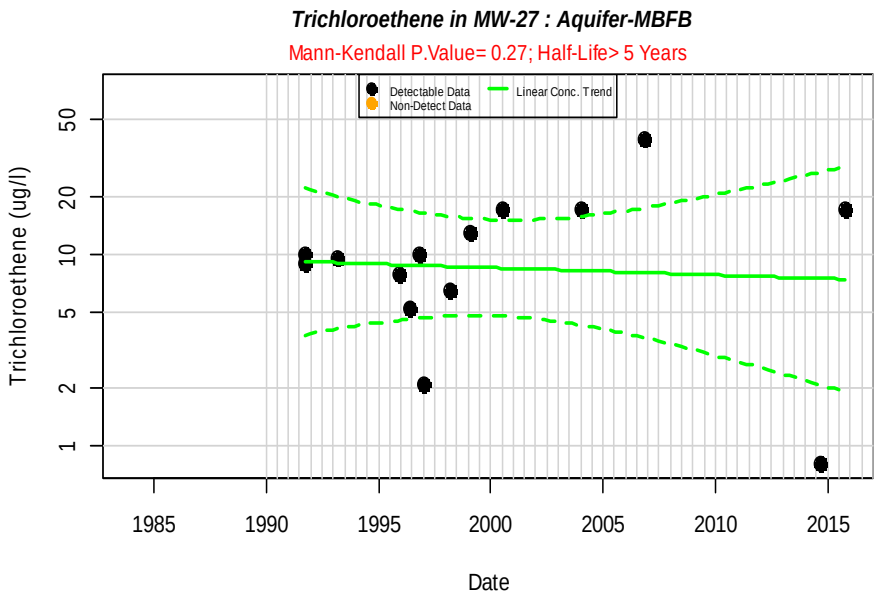

Trichloroethene in MW-16 : Aquifer-MBFB
Mann-Kendall P.Value= 0.119; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
500
1000
1985
1990
1995
2000
2005
2010
2015
Date

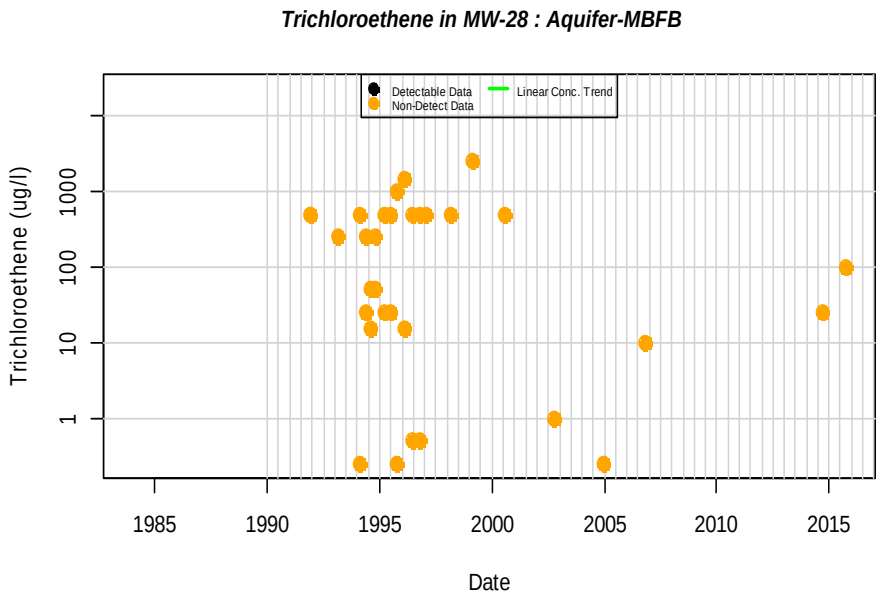

Trichloroethene in MW-19 : Aquifer-MBFB
Mann-Kendall P.Value= 0.0127; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
50
1985
1990
1995
2000
2005
2010
2015
Date

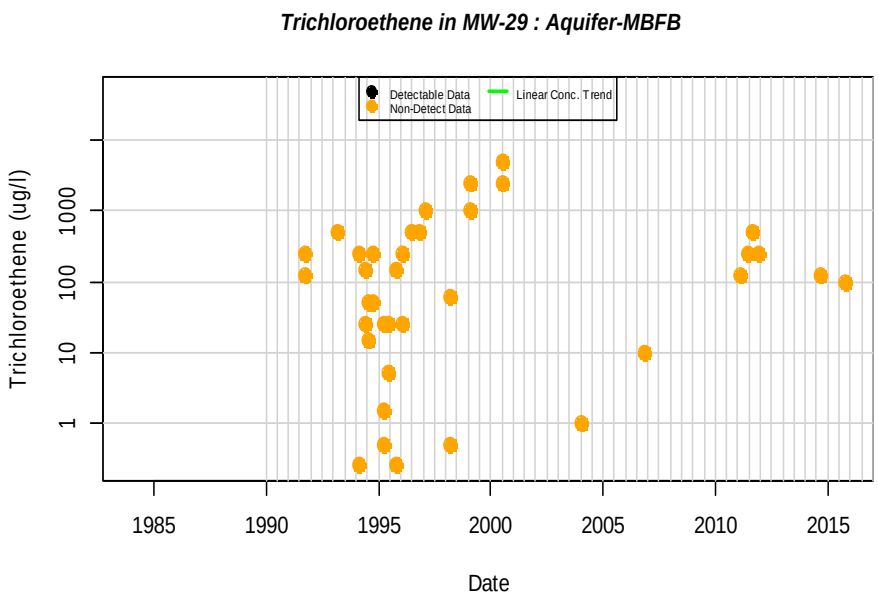

Trichloroethene in MW-21 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+01
1e+03
1985
1990
1995
2000
2005
2010
2015
Date

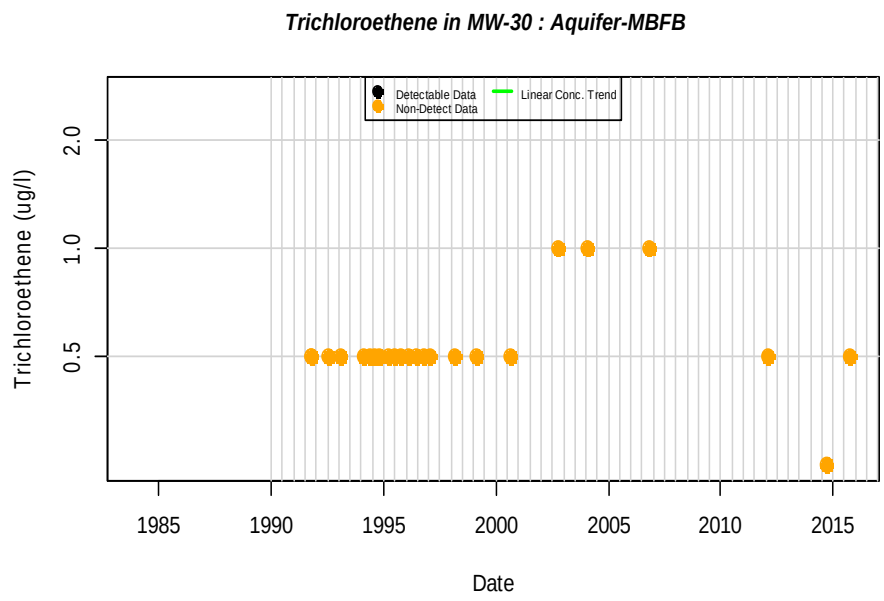

Trichloroethene in MW-22 : Aquifer-MBFB
Mann-Kendall P.Value= 0.386; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
1985
1990
1995
2000
2005
2010
2015
Date

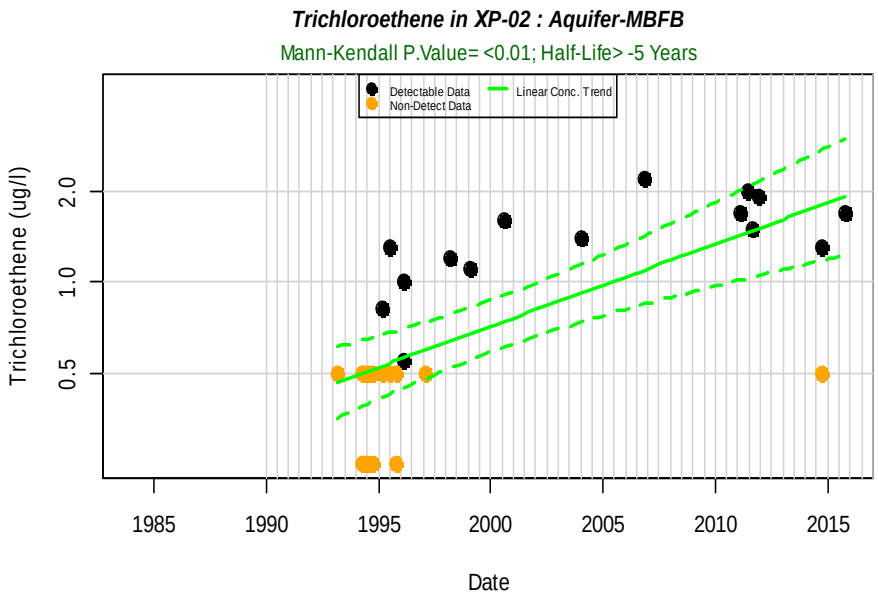

Trichloroethene in MW-26 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

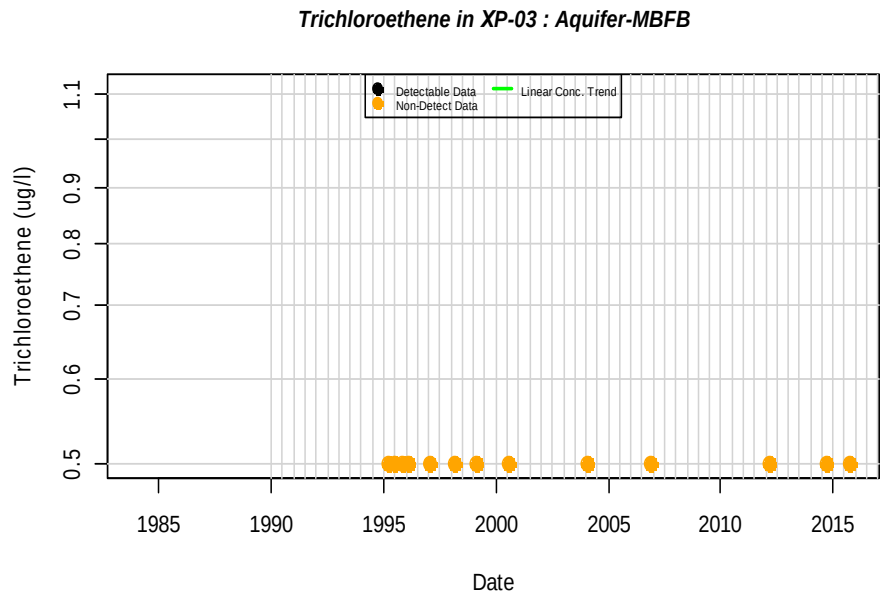

Trichloroethene in MW-27 : Aquifer-MBFB
Mann-Kendall P.Value= 0.27; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
20
50
1985
1990
1995
2000
2005
2010
2015
Date

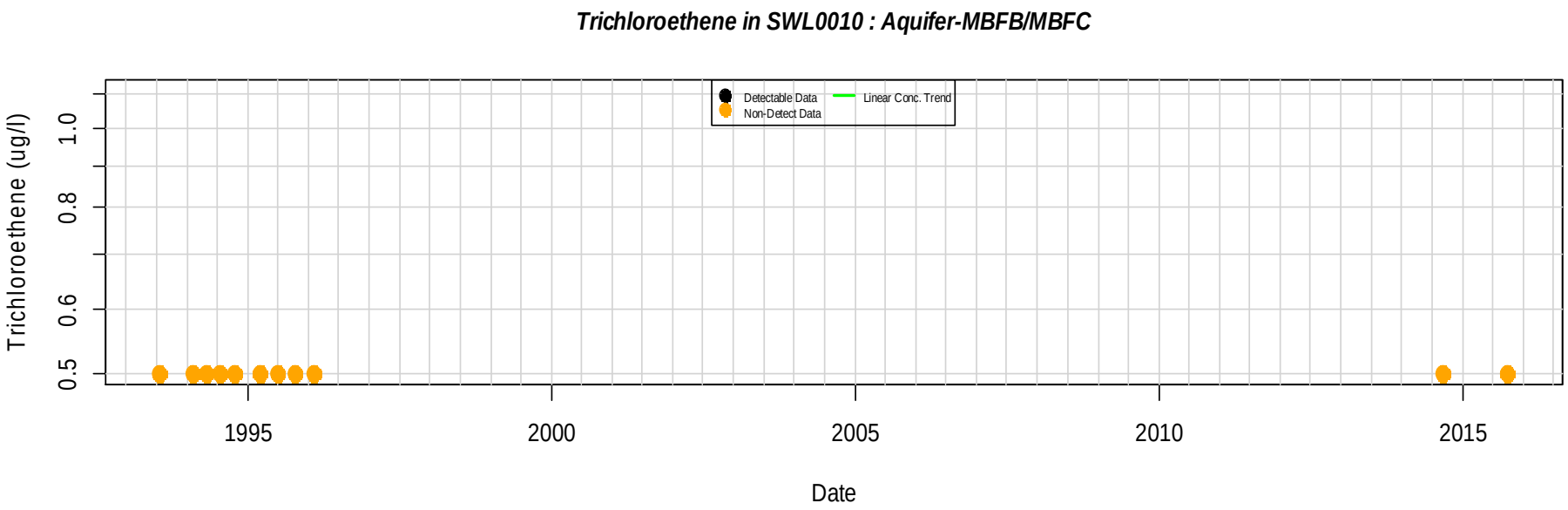

Trichloroethene in MW-28 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

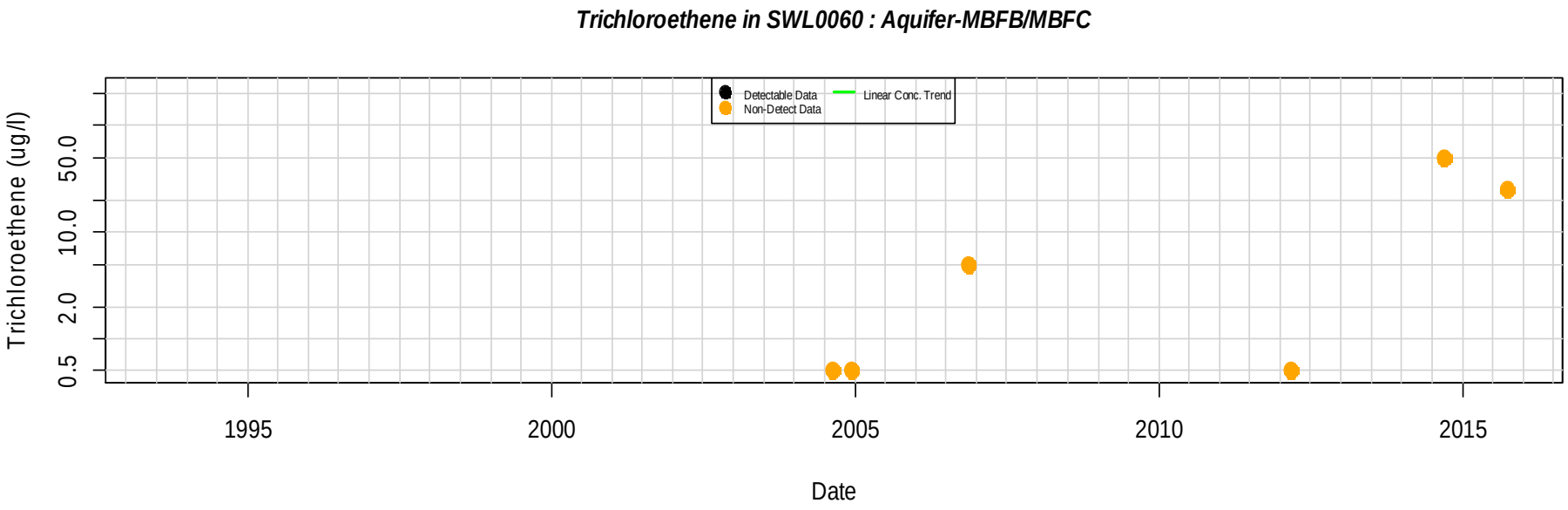

Trichloroethene in MW-29 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
1985
1990
1995
2000
2005
2010
2015
Date

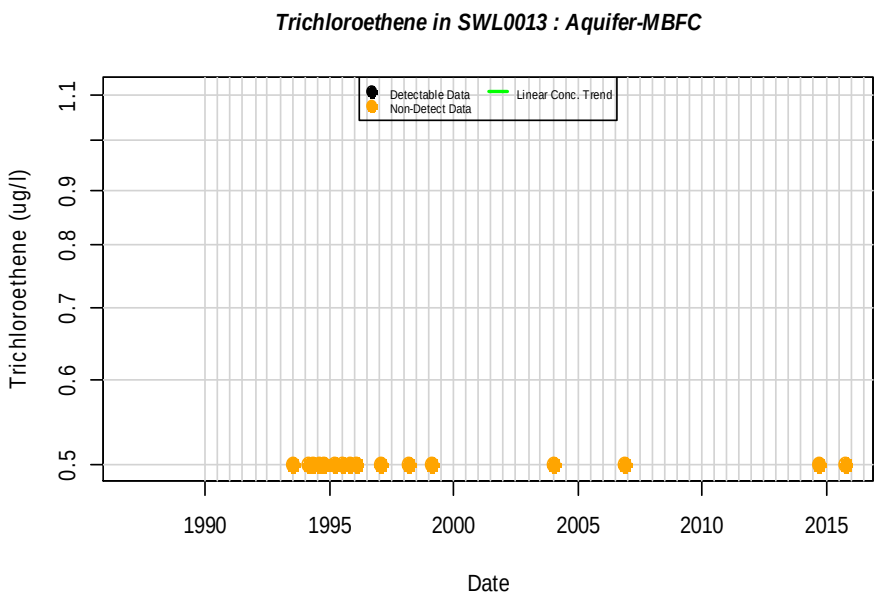

Trichloroethene in MW-30 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

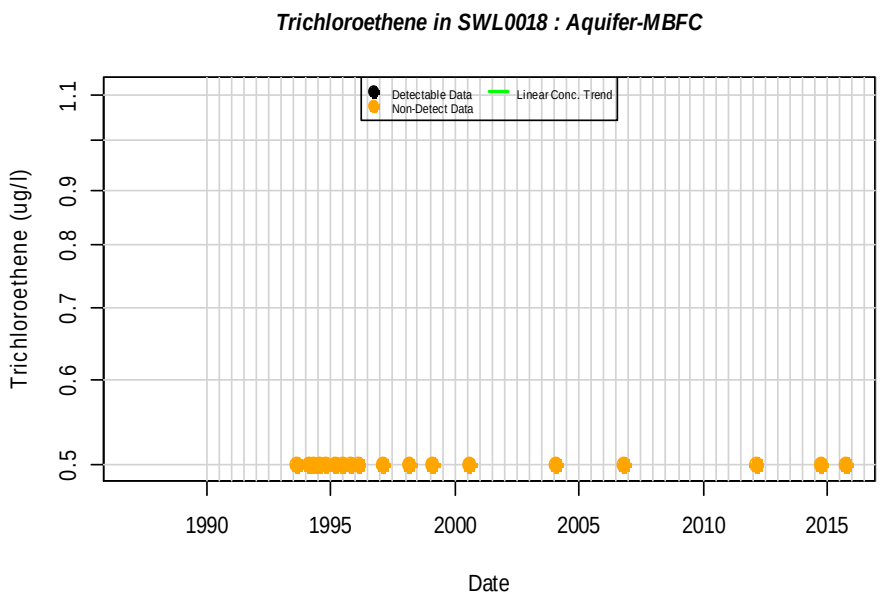

Trichloroethene in XP-02 : Aquifer-MBFB
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1985
1990
1995
2000
2005
2010
2015
Date

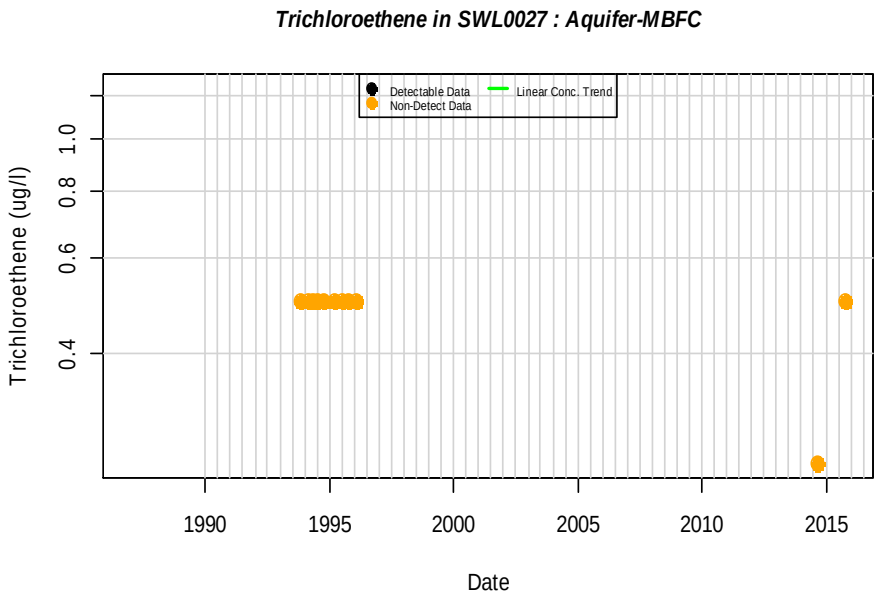

Trichloroethene in XP-03 : Aquifer-MBFB
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1985
1990
1995
2000
2005
2010
2015
Date

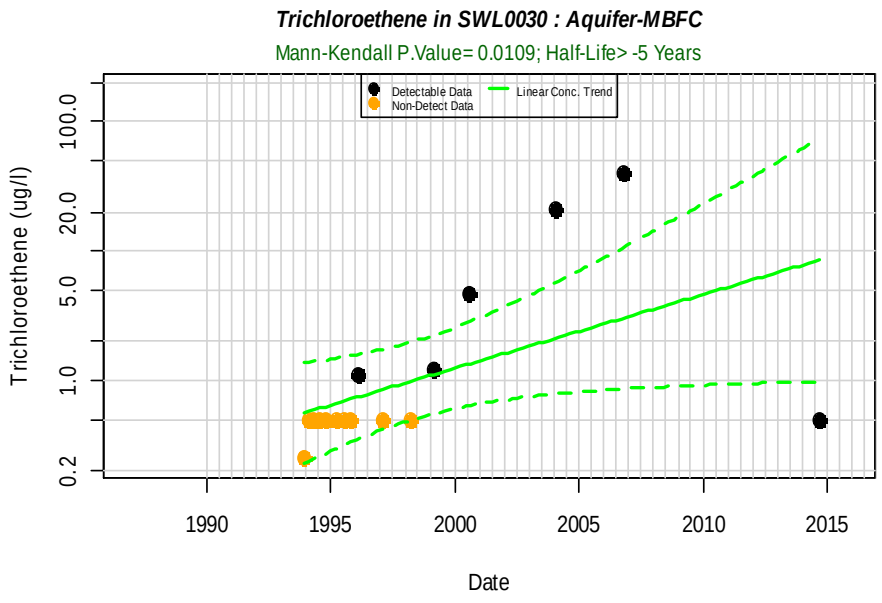

Trichloroethene in SWL0010 : Aquifer-MBFB/MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.8
1.0
1995
2000
2005
2010
2015
Date

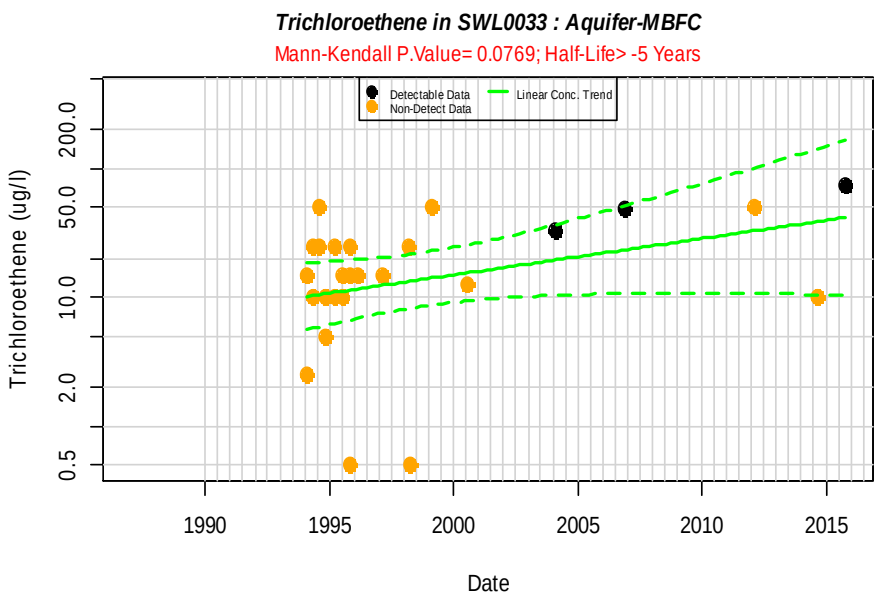

Trichloroethene in SWL0060 : Aquifer-MBFB/MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
10.0
50.0
1995
2000
2005
2010
2015
Date

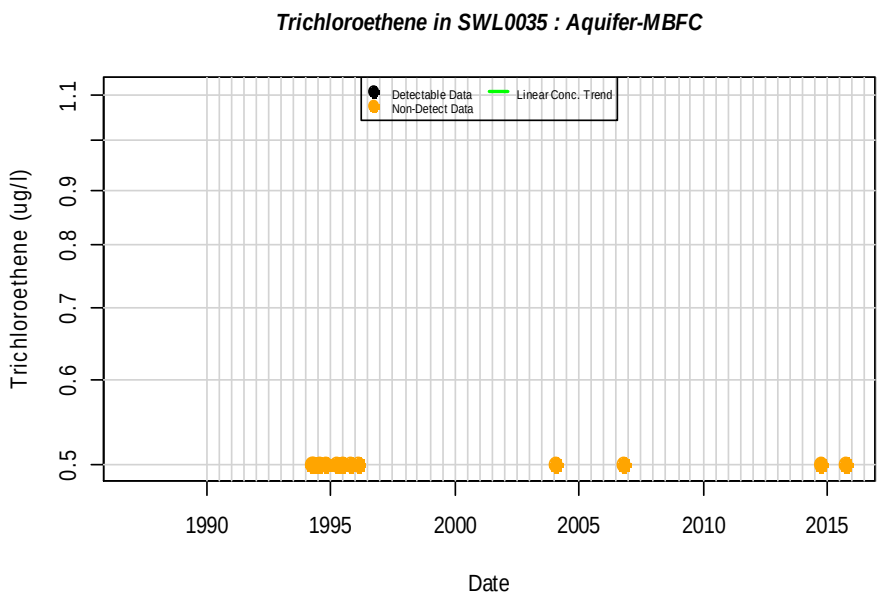

Trichloroethene in SWL0013 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1990
1995
2000
2005
2010
2015
Date

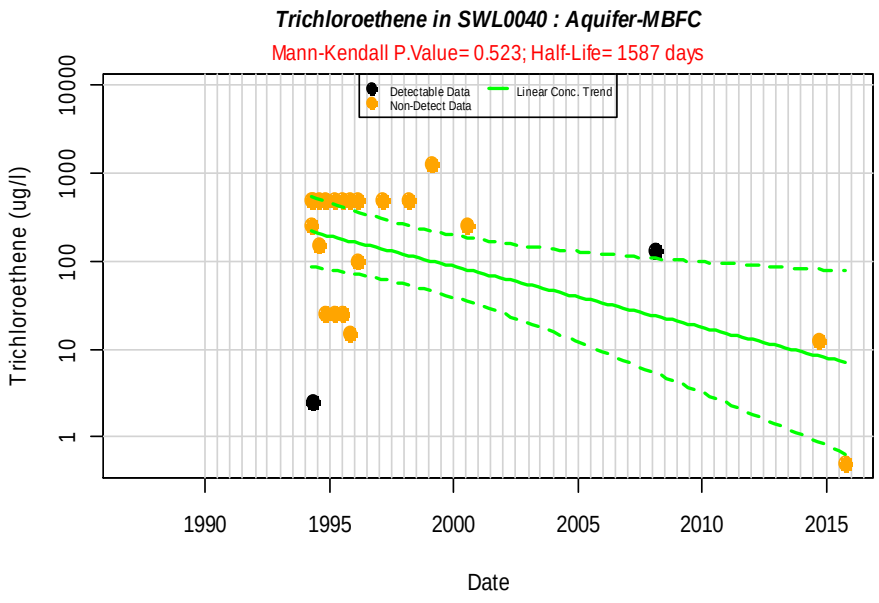

Trichloroethene in SWL0018 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1990
1995
2000
2005
2010
2015
Date

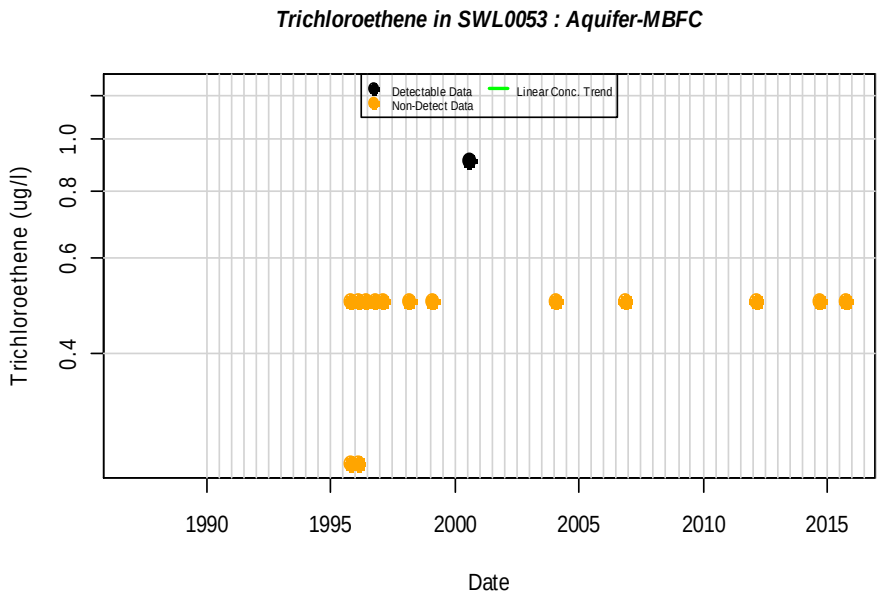

Trichloroethene in SWL0027 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1990
1995
2000
2005
2010
2015
Date

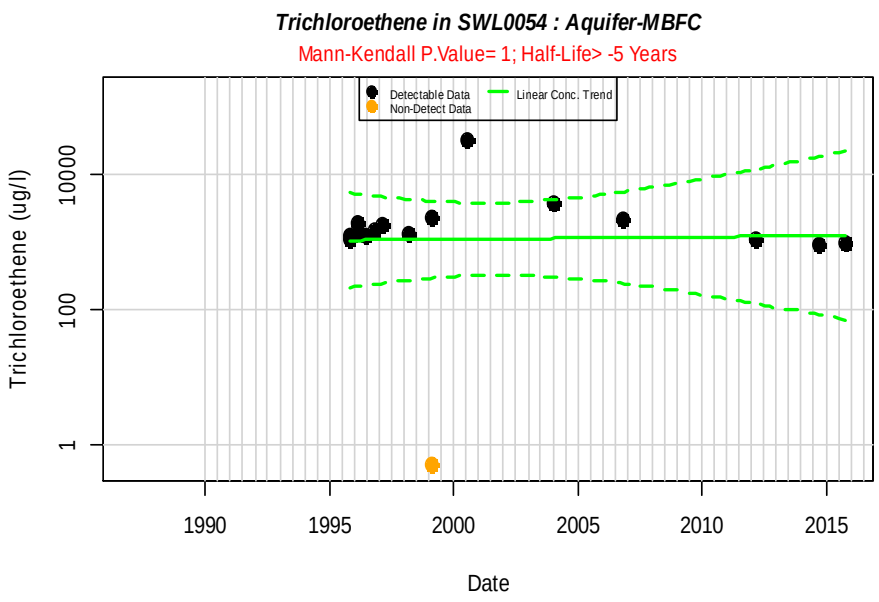

Trichloroethene in SWL0030 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0109; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

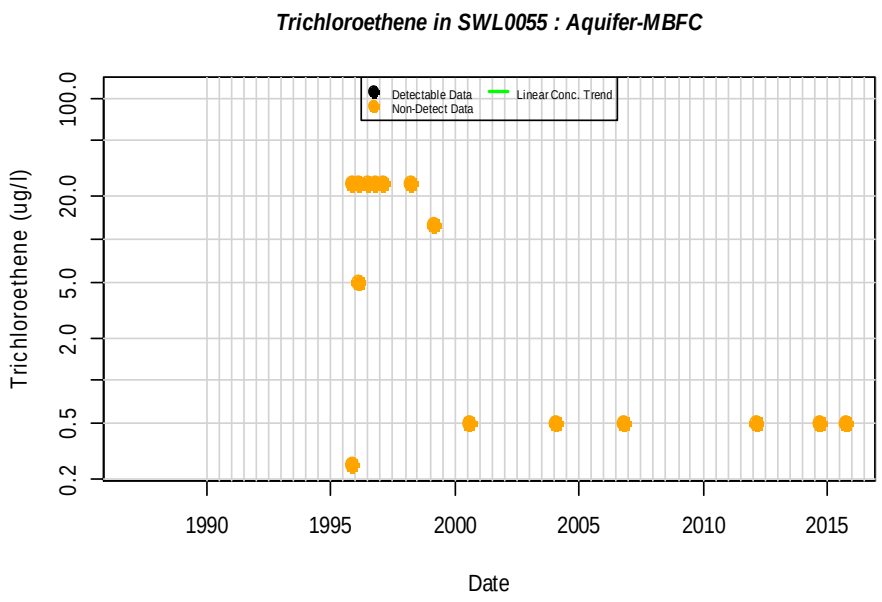

Trichloroethene in SWL0033 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0769; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
10.0
50.0
200.0
1990
1995
2000
2005
2010
2015
Date

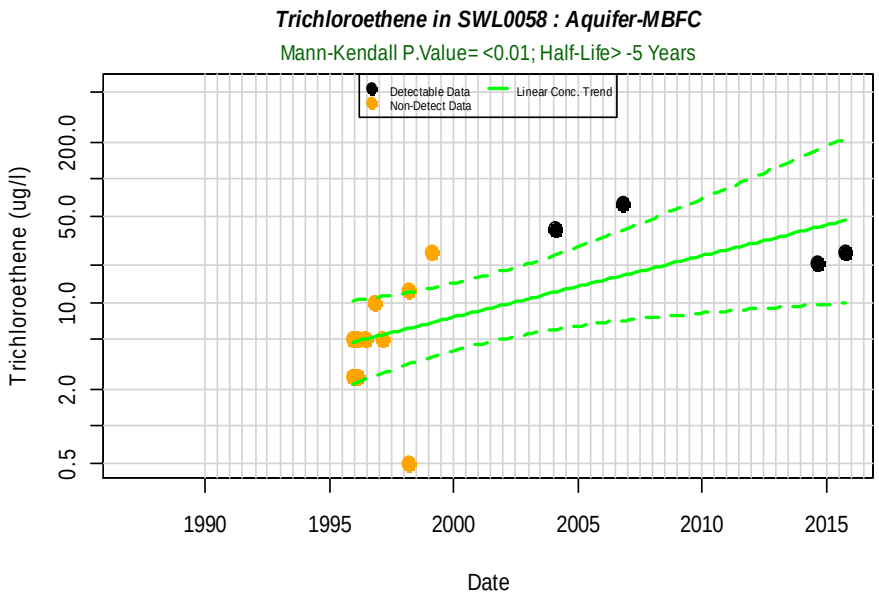

Trichloroethene in SWL0035 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1990
1995
2000
2005
2010
2015
Date

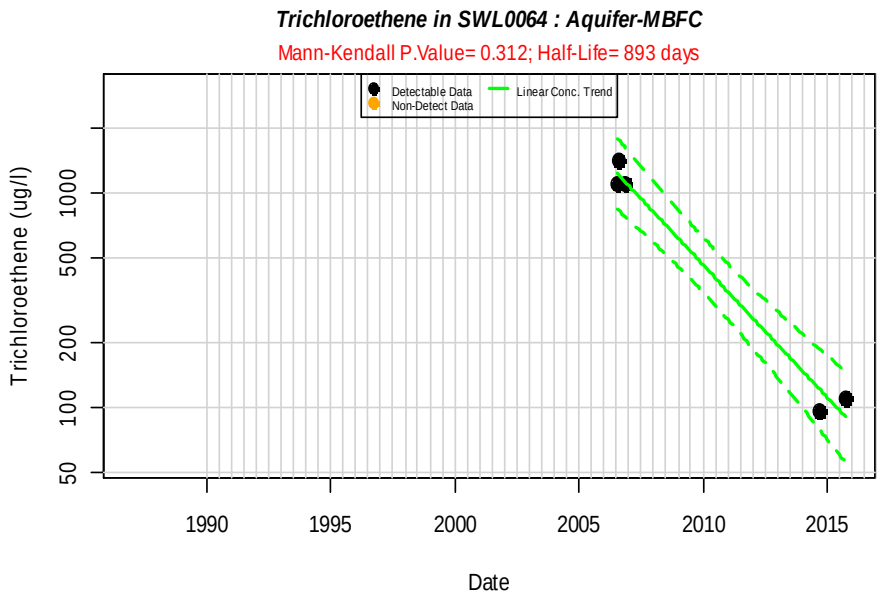

Trichloroethene in SWL0040 : Aquifer-MBFC
Mann-Kendall P.Value= 0.523; Half-Life= 1587 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1990
1995
2000
2005
2010
2015
Date

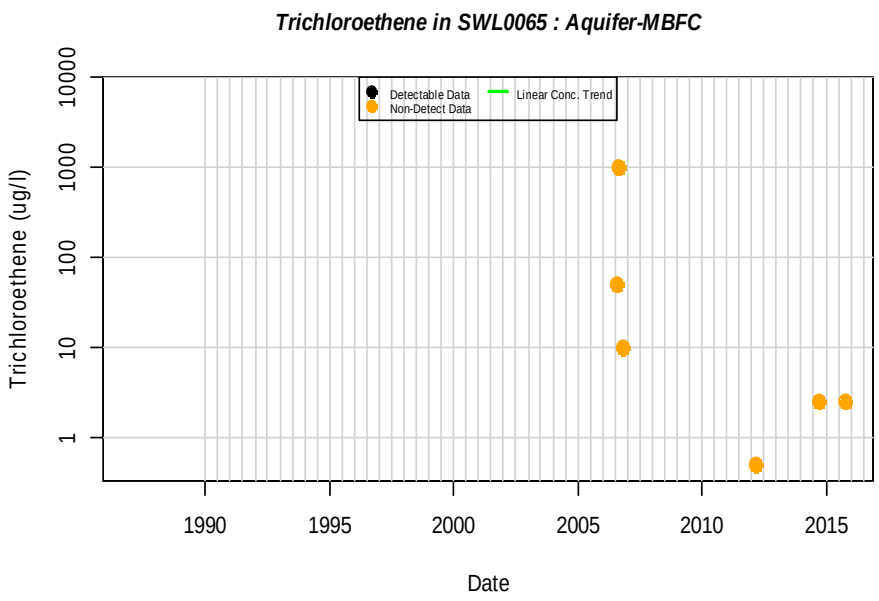

Trichloroethene in SWL0053 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1990
1995
2000
2005
2010
2015
Date

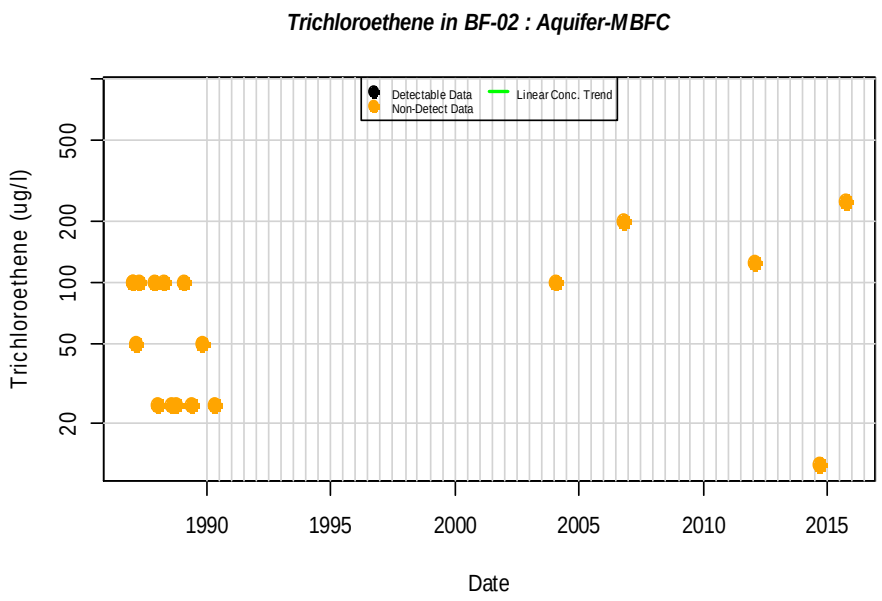

Trichloroethene in SWL0054 : Aquifer-MBFC
Mann-Kendall P.Value= 1; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
100
10000
1990
1995
2000
2005
2010
2015
Date

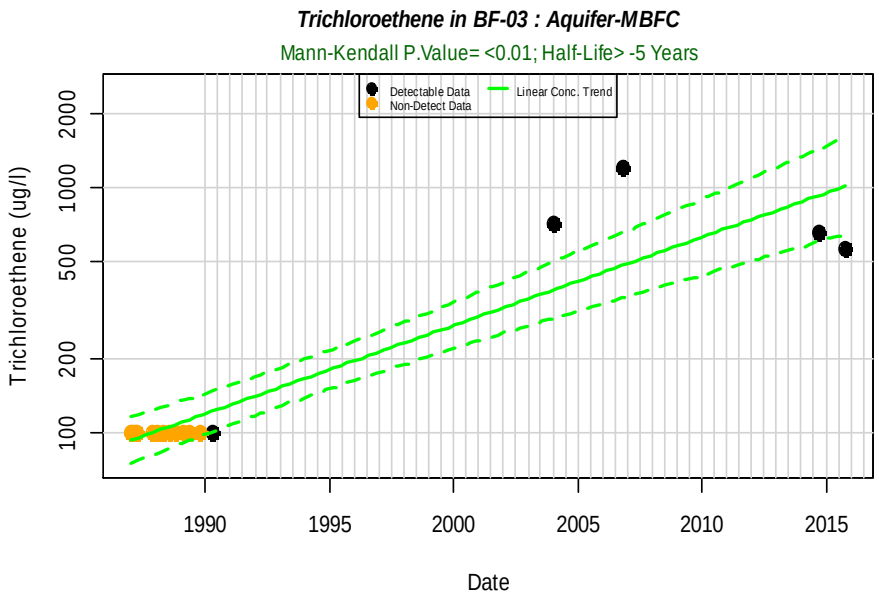

Trichloroethene in SWL0055 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

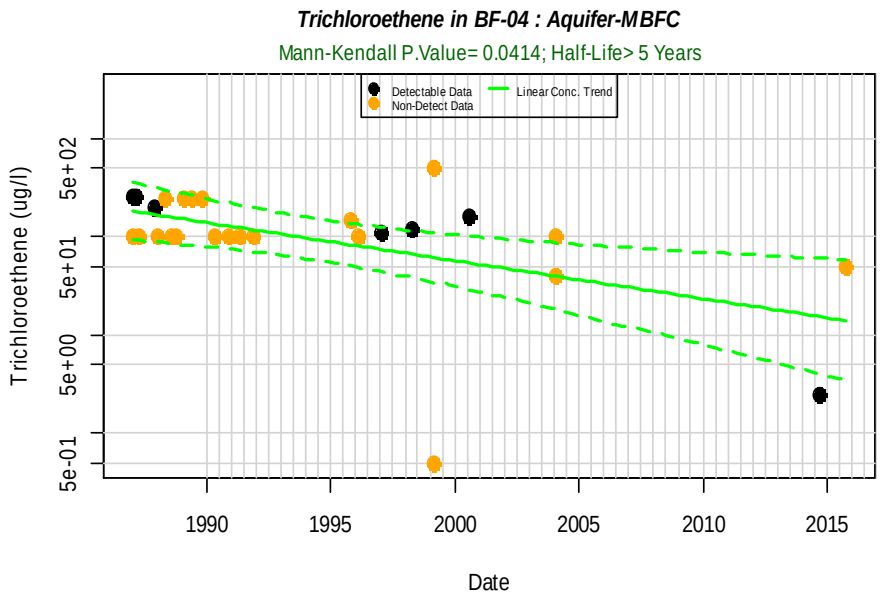

Trichloroethene in SWL0058 : Aquifer-MBFC
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
10.0
50.0
200.0
1990
1995
2000
2005
2010
2015
Date

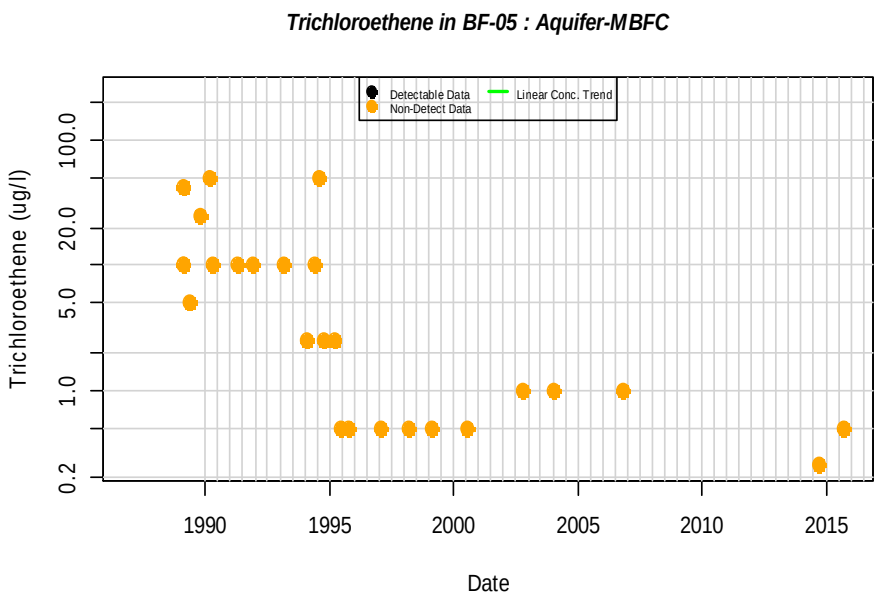

Trichloroethene in SWL0064 : Aquifer-MBFC
Mann-Kendall P.Value= 0.312; Half-Life= 893 days
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
50
100
200
500
1000
1990
1995
2000
2005
2010
2015
Date

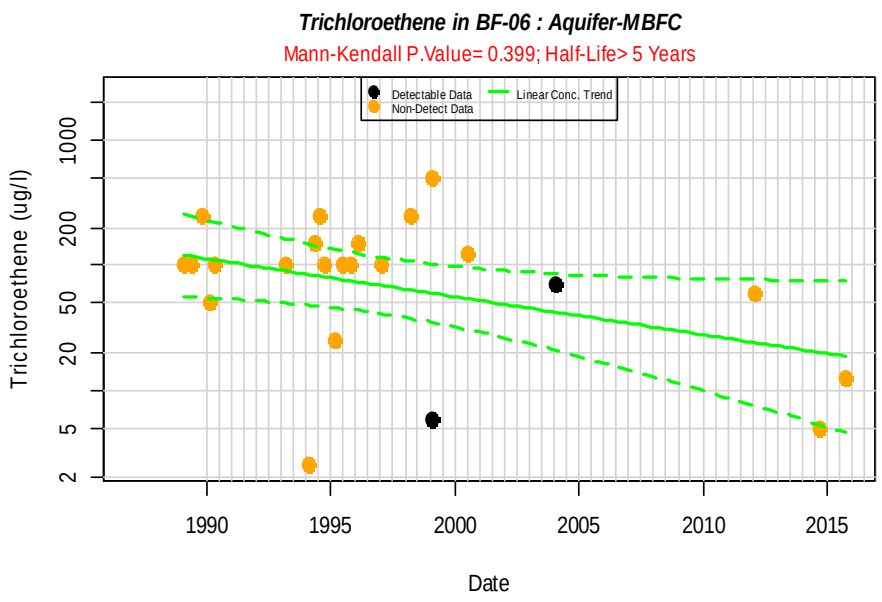

Trichloroethene in SWL0065 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
10
100
1000
10000
1990
1995
2000
2005
2010
2015
Date

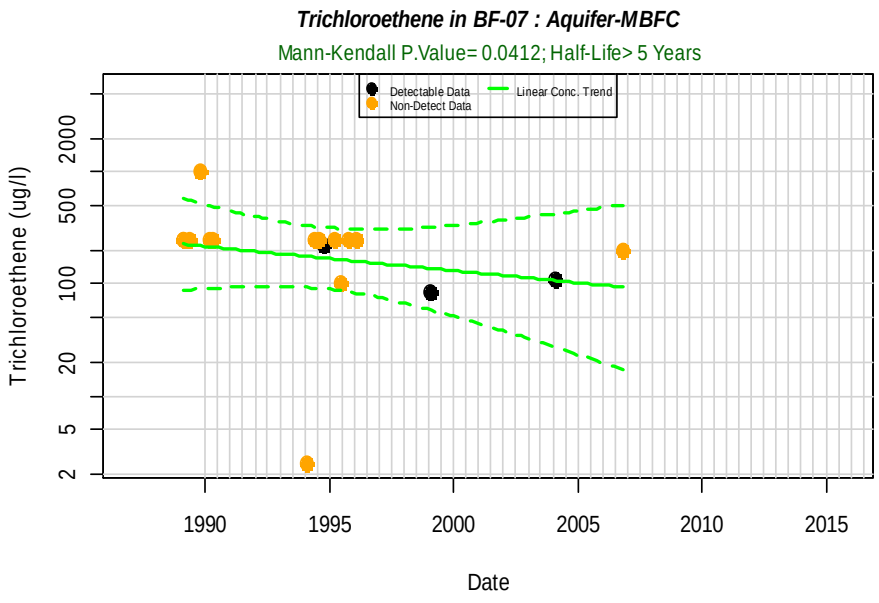

Trichloroethene in BF-02 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
20
50
100
200
500
1990
1995
2000
2005
2010
2015
Date

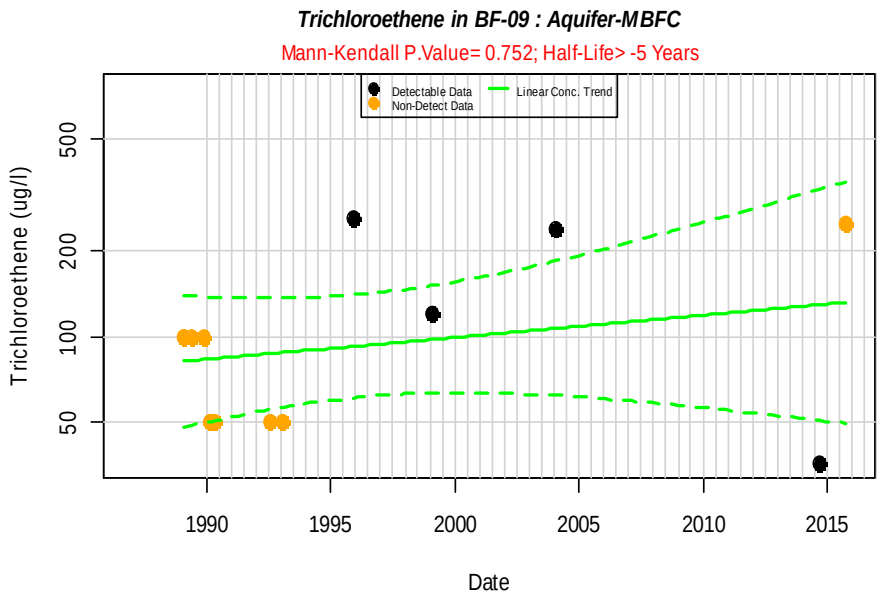

Trichloroethene in BF-03 : Aquifer-MBFC
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
100
200
500
1000
2000
1990
1995
2000
2005
2010
2015
Date

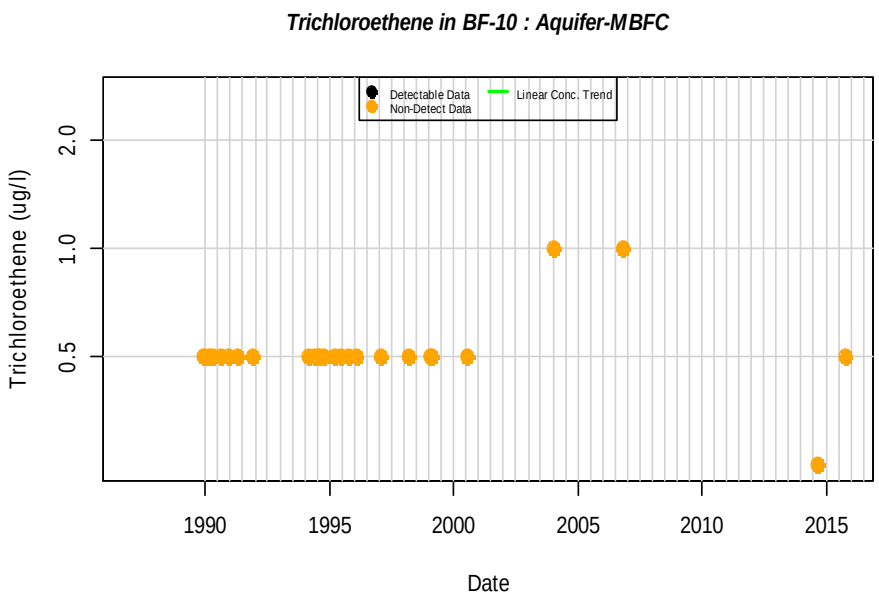

Trichloroethene in BF-04 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0414; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1990
1995
2000
2005
2010
2015
Date

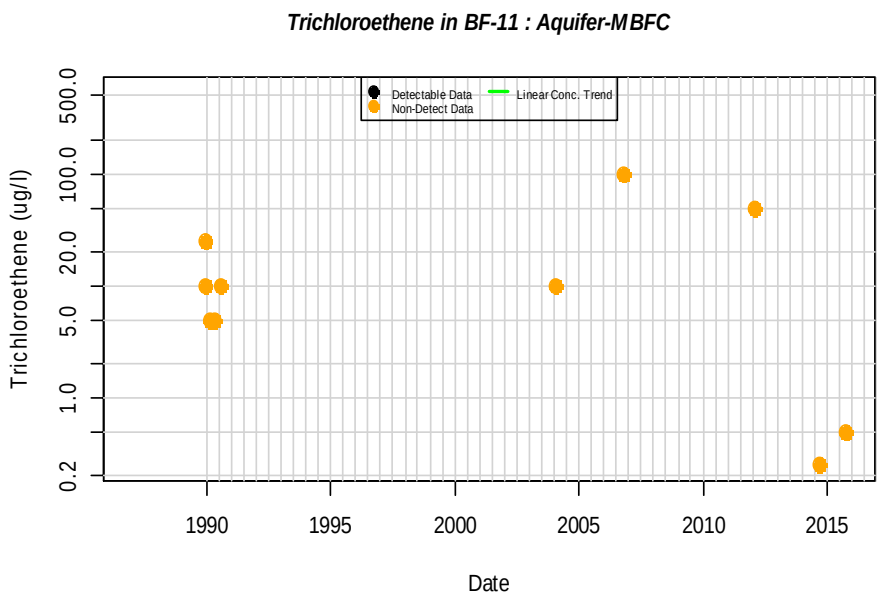

Trichloroethene in BF-05 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

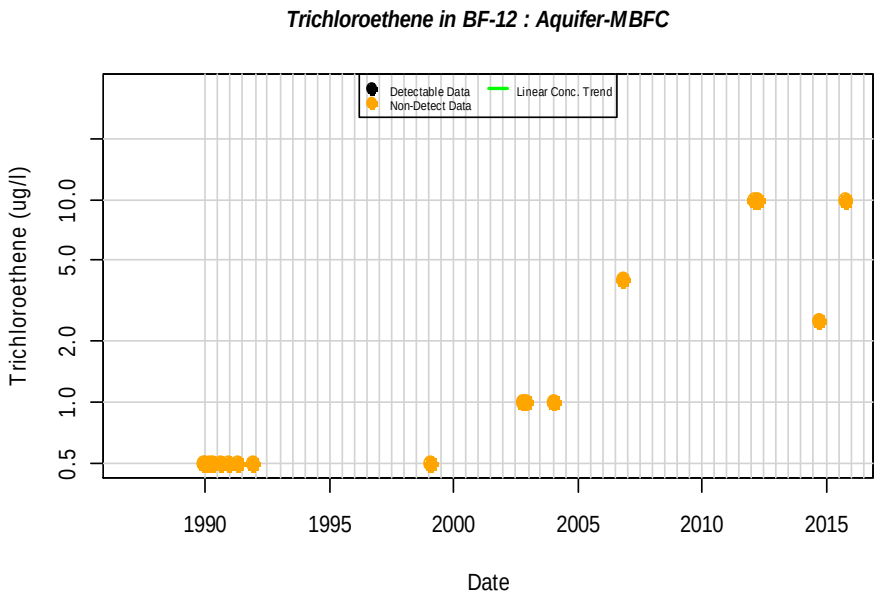

Trichloroethene in BF-06 : Aquifer-MBFC
Mann-Kendall P.Value= 0.399; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
50
200
1000
1990
1995
2000
2005
2010
2015
Date

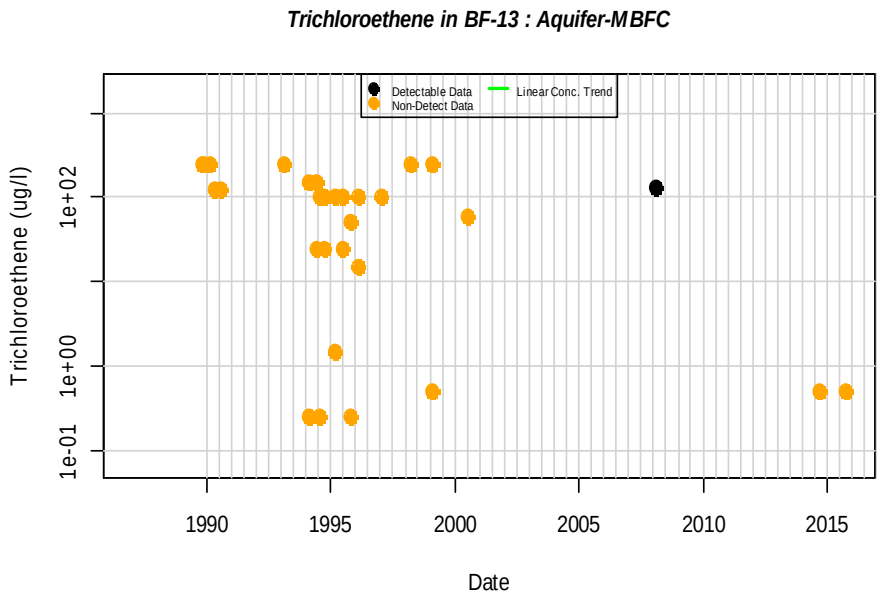

Trichloroethene in BF-07 : Aquifer-MBFC
Mann-Kendall P.Value= 0.0412; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
100
500
2000
1990
1995
2000
2005
2010
2015
Date

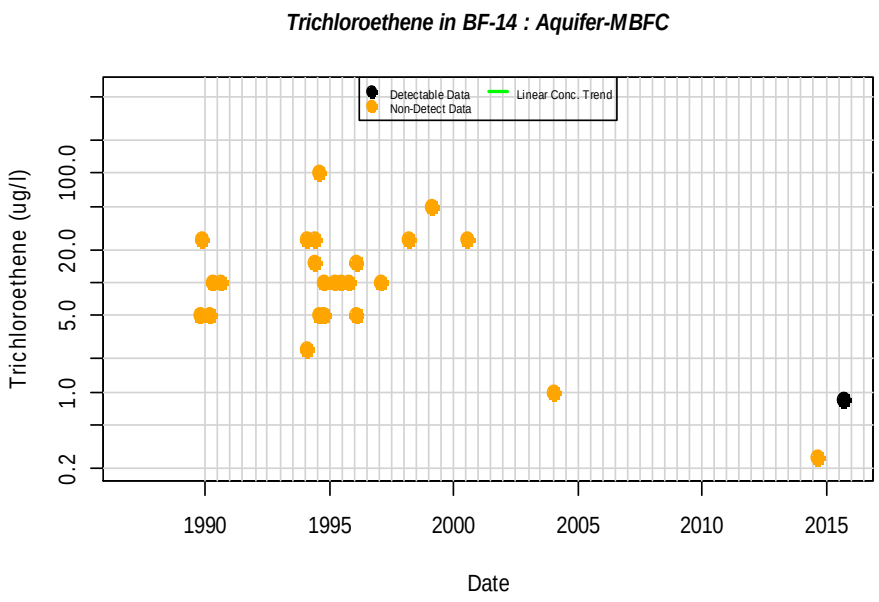

Trichloroethene in BF-09 : Aquifer-MBFC
Mann-Kendall P.Value= 0.752; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
50
100
200
500
1990
1995
2000
2005
2010
2015
Date

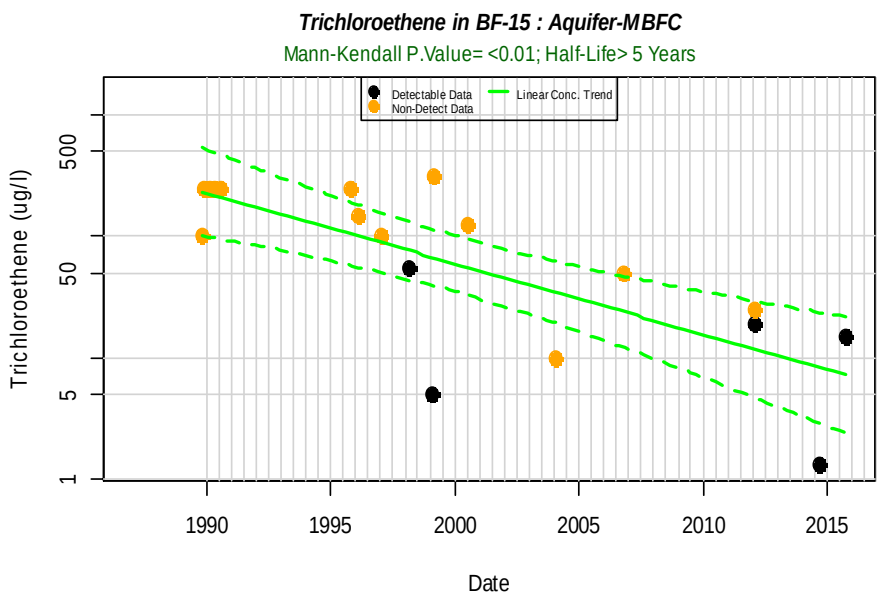

Trichloroethene in BF-10 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

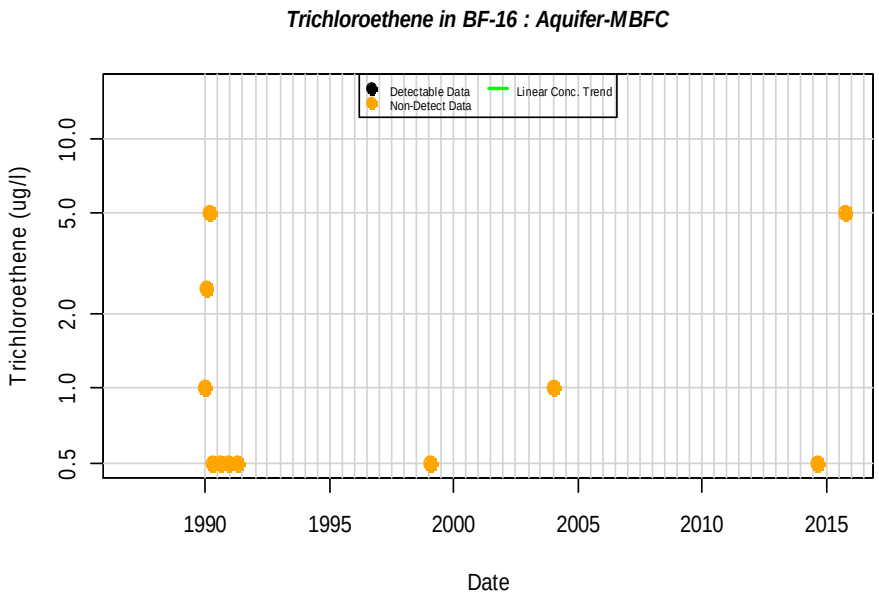

Trichloroethene in BF-11 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
500.0
1990
1995
2000
2005
2010
2015
Date

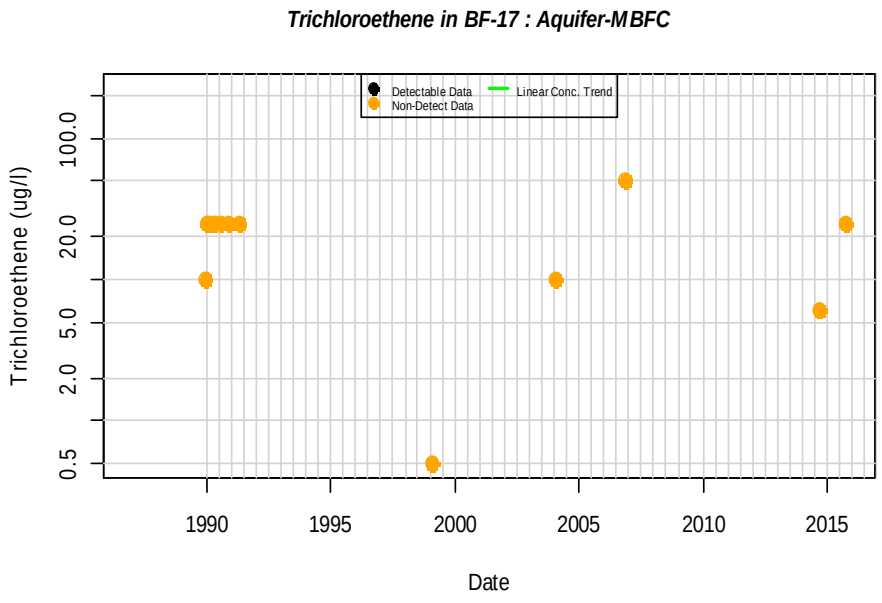

Trichloroethene in BF-12 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1990
1995
2000
2005
2010
2015
Date

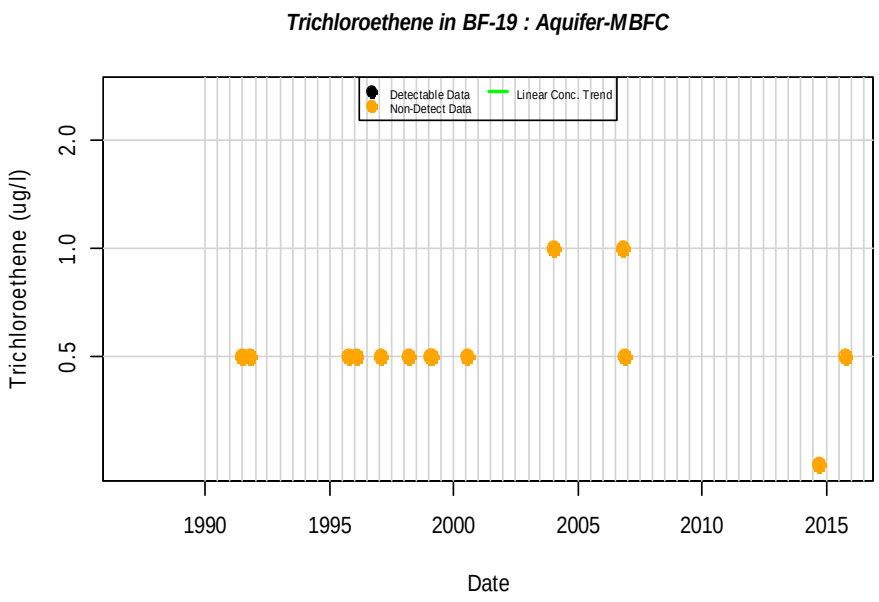

Trichloroethene in BF-13 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1e-01
1e+00
1e+02
1990
1995
2000
2005
2010
2015
Date

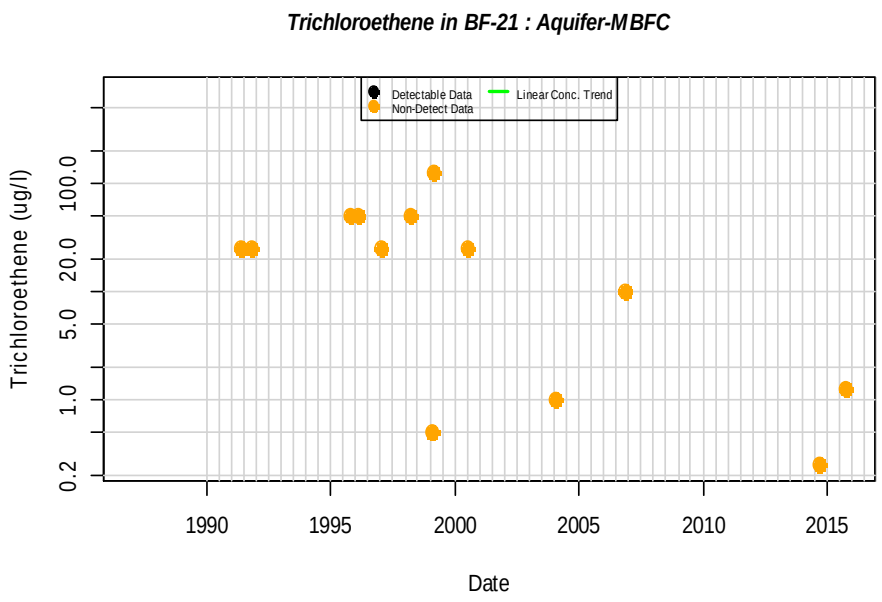

Trichloroethene in BF-14 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

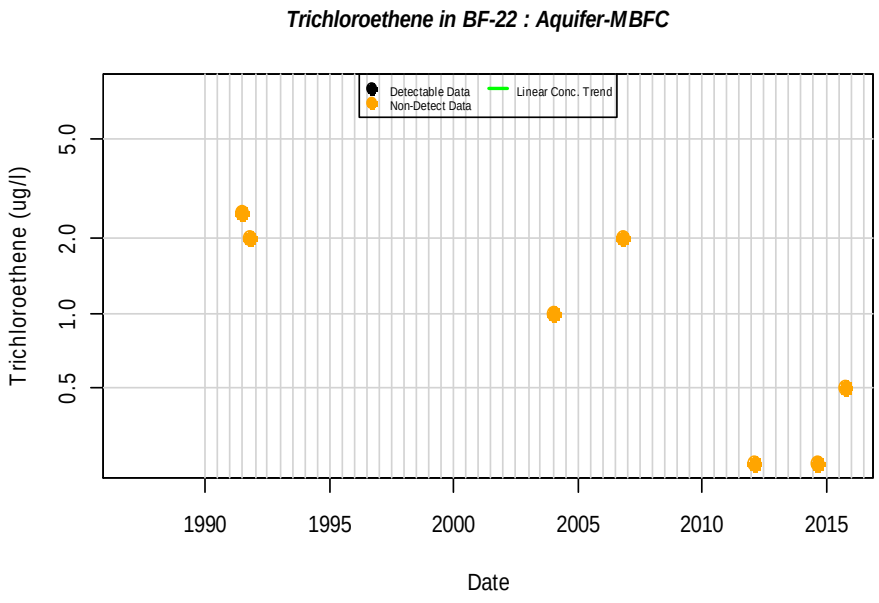

Trichloroethene in BF-15 : Aquifer-MBFC
Mann-Kendall P.Value= <0.01; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
5
50
500
1990
1995
2000
2005
2010
2015
Date

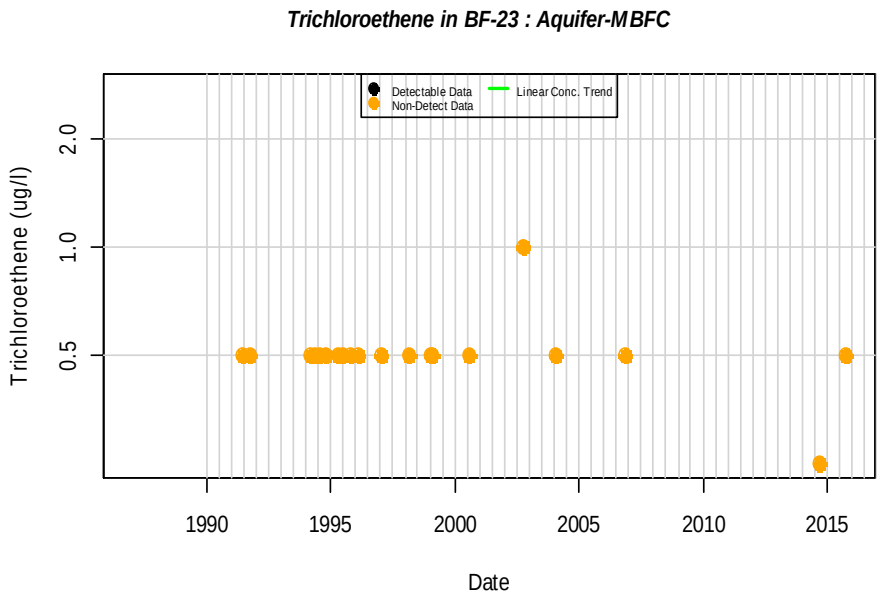

Trichloroethene in BF-16 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
10.0
1990
1995
2000
2005
2010
2015
Date

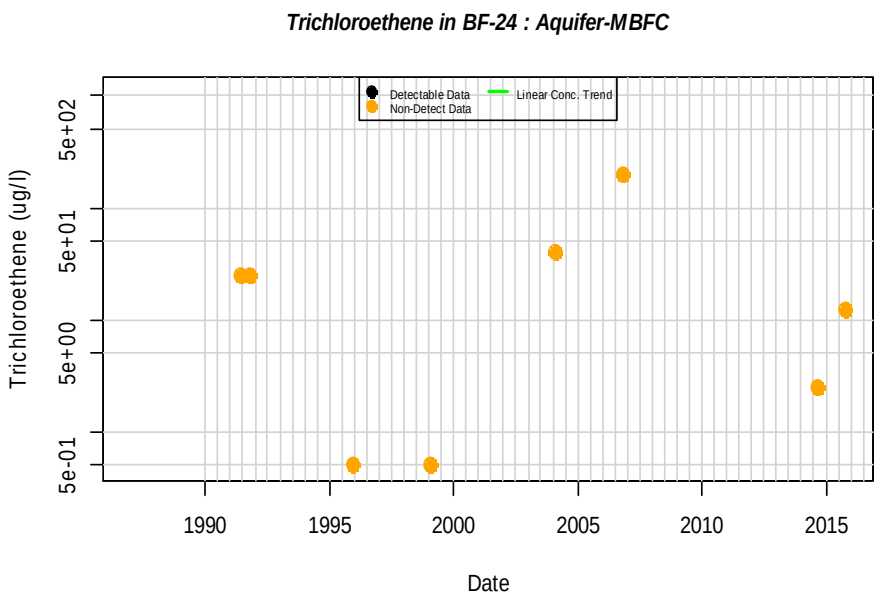

Trichloroethene in BF-17 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

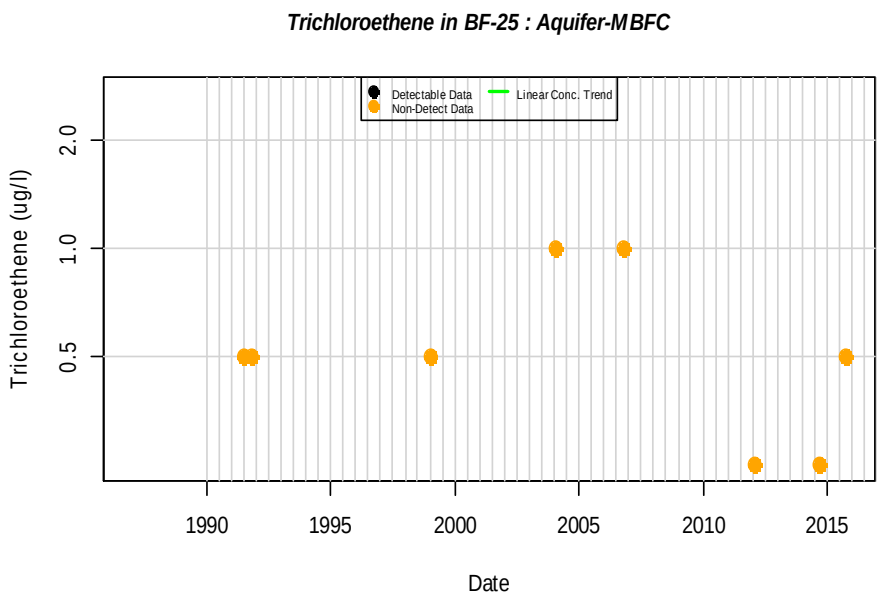

Trichloroethene in BF-19 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

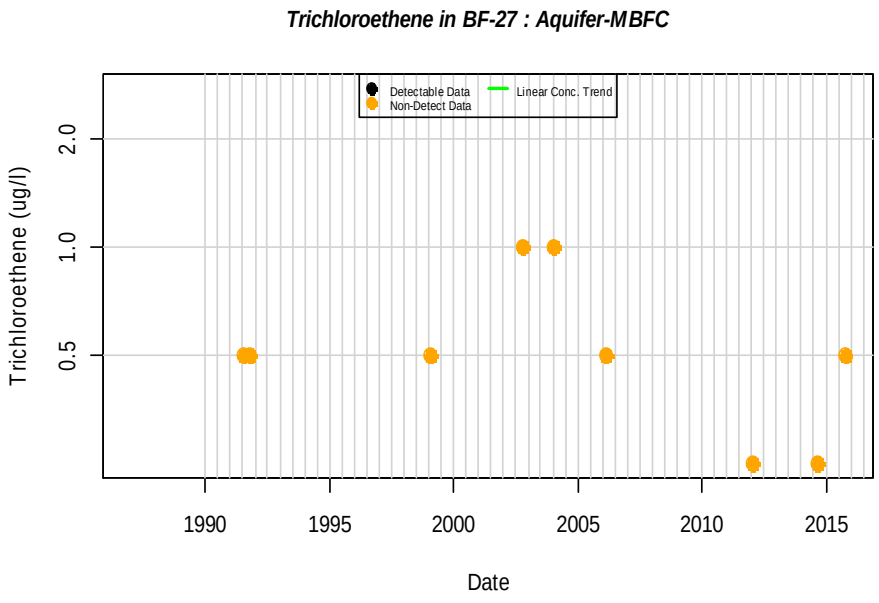

Trichloroethene in BF-21 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

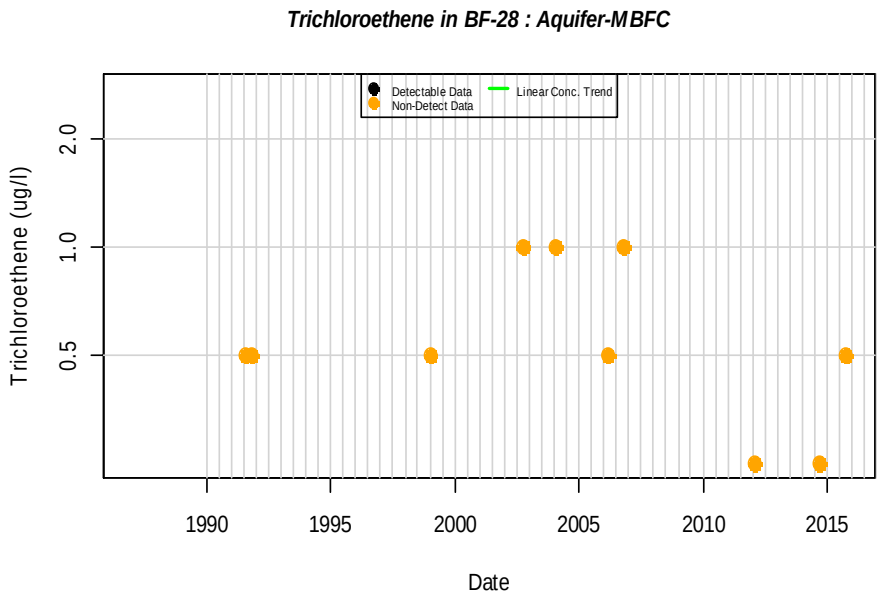

Trichloroethene in BF-22 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

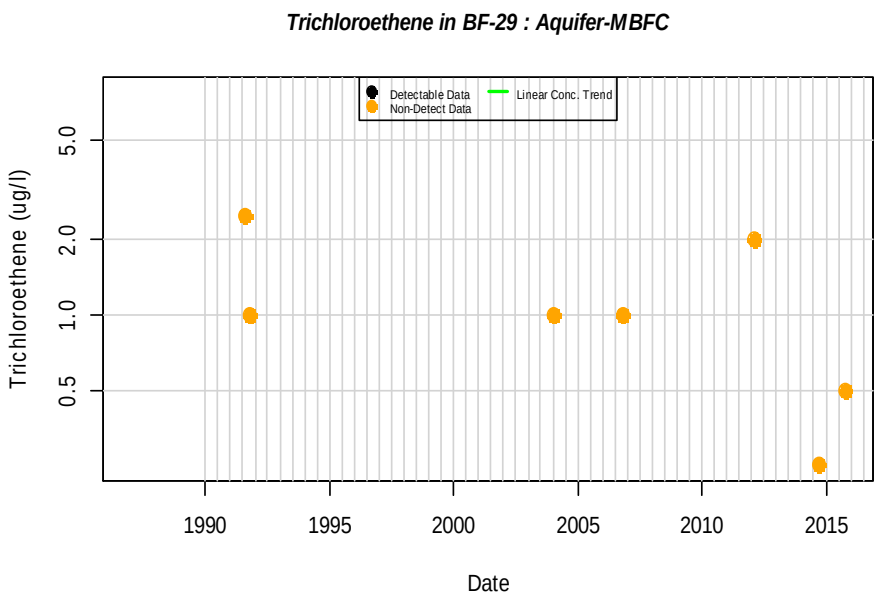

Trichloroethene in BF-23 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

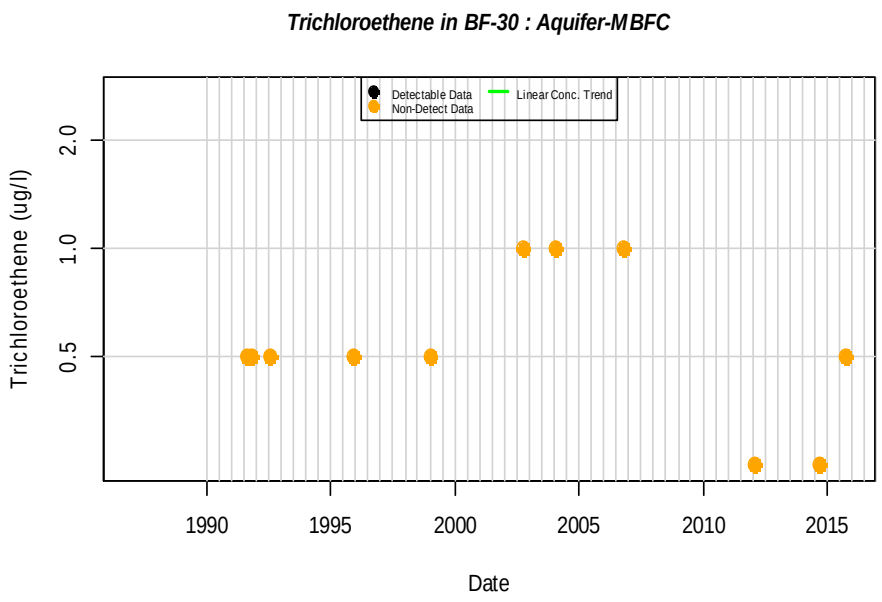

Trichloroethene in BF-24 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5e-01
5e+00
5e+01
5e+02
1990
1995
2000
2005
2010
2015
Date

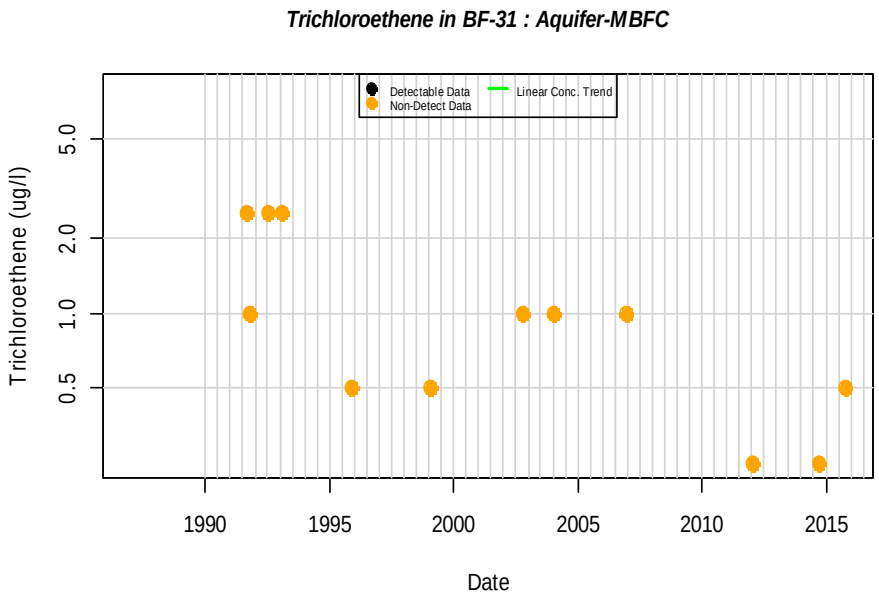

Trichloroethene in BF-25 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

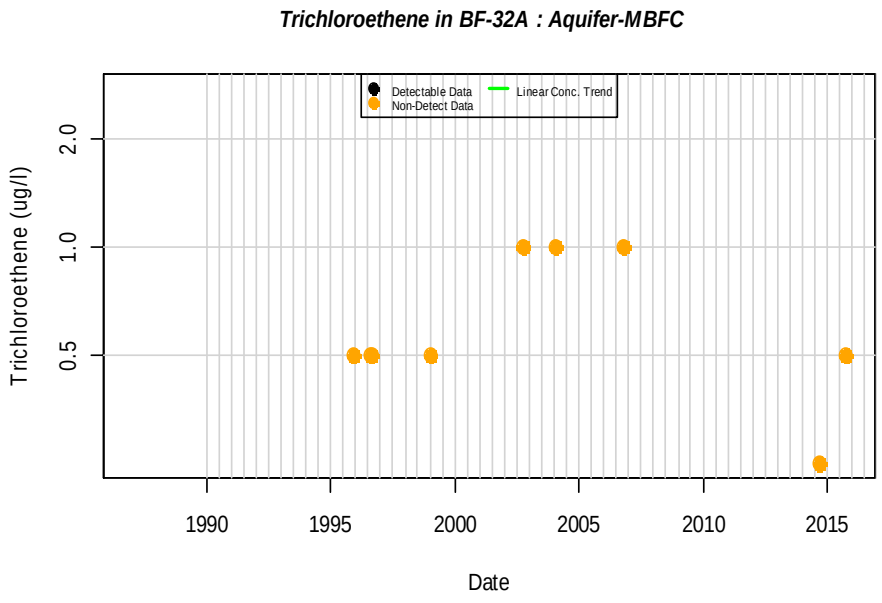

Trichloroethene in BF-27 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

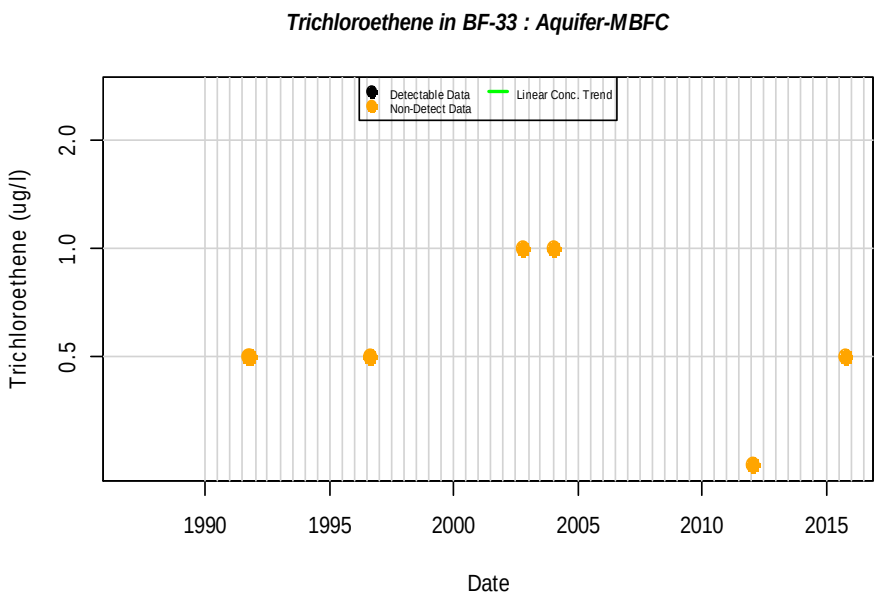

Trichloroethene in BF-28 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

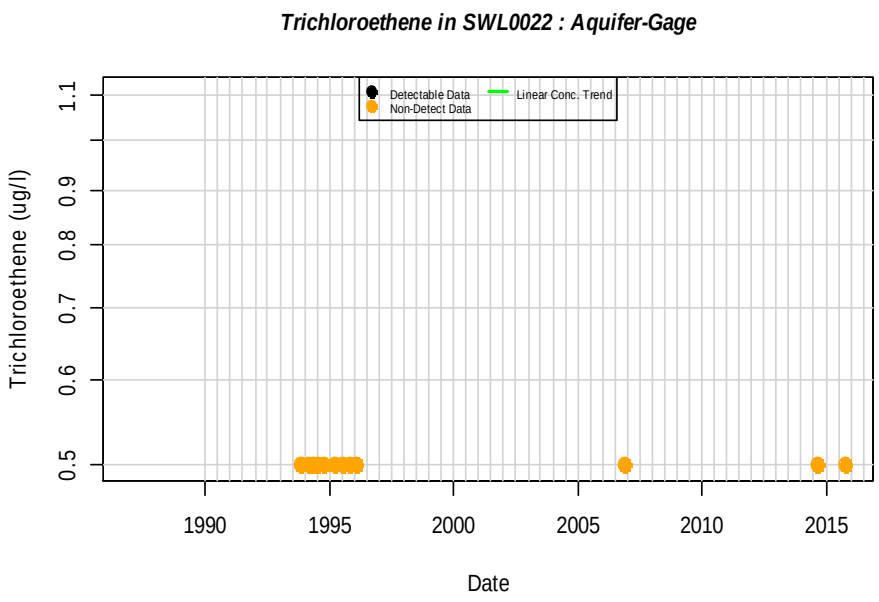

Trichloroethene in BF-29 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

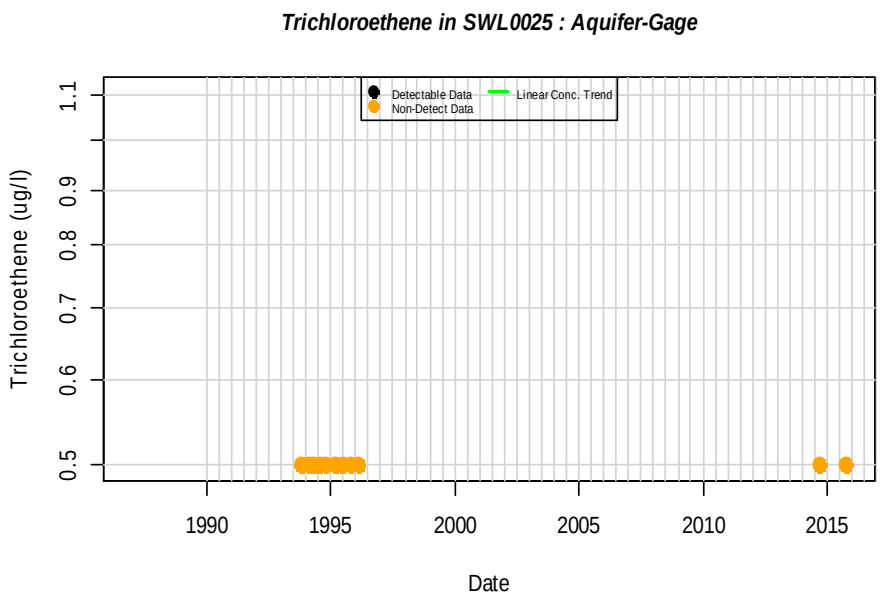

Trichloroethene in BF-30 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

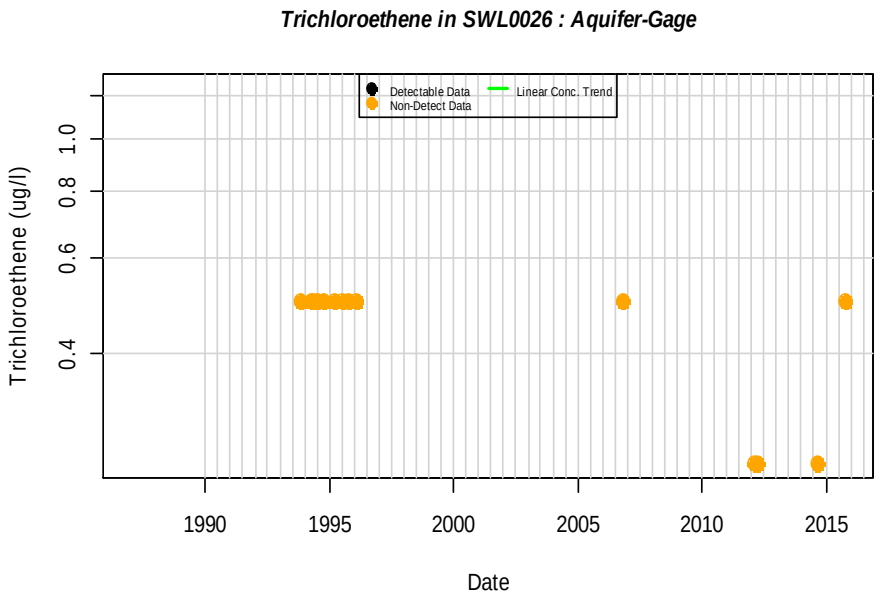

Trichloroethene in BF-31 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
5.0
1990
1995
2000
2005
2010
2015
Date

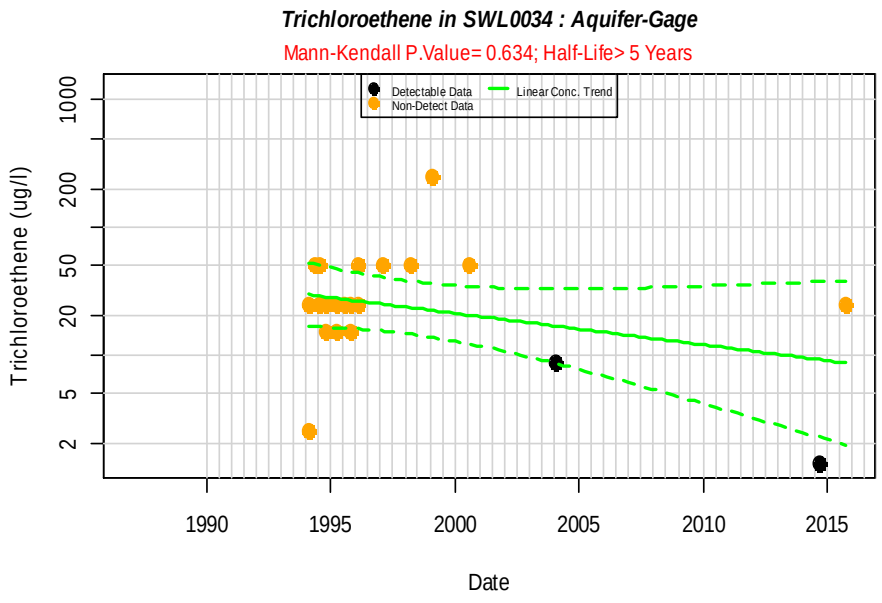

Trichloroethene in BF-32A : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

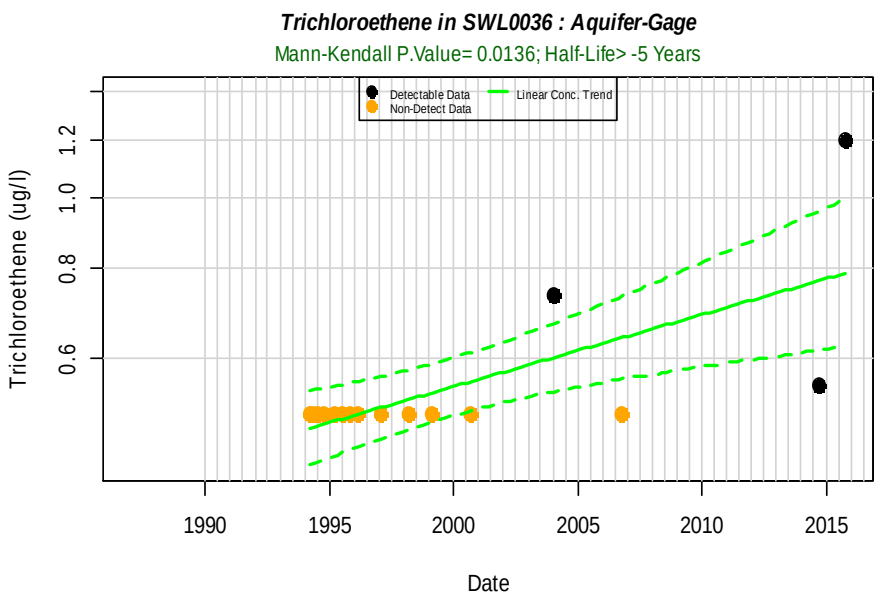

Trichloroethene in BF-33 : Aquifer-MBFC
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

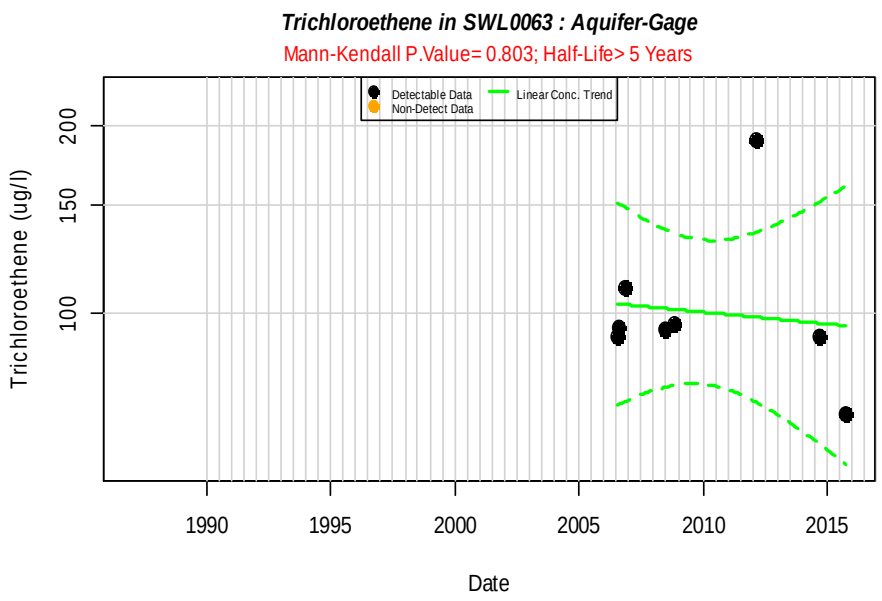

Trichloroethene in SWL0022 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1990
1995
2000
2005
2010
2015
Date

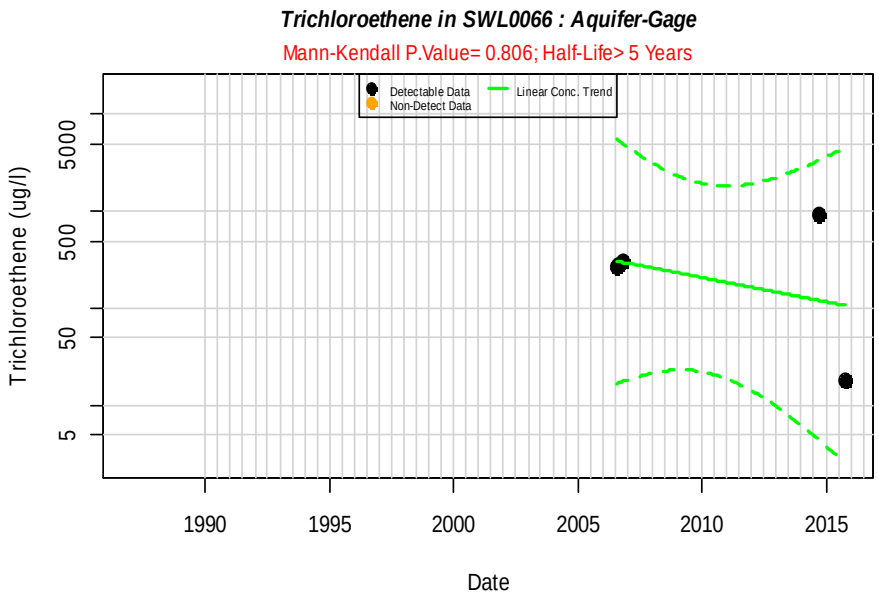

Trichloroethene in SWL0025 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
0.6
0.7
0.8
0.9
1.1
1990
1995
2000
2005
2010
2015
Date

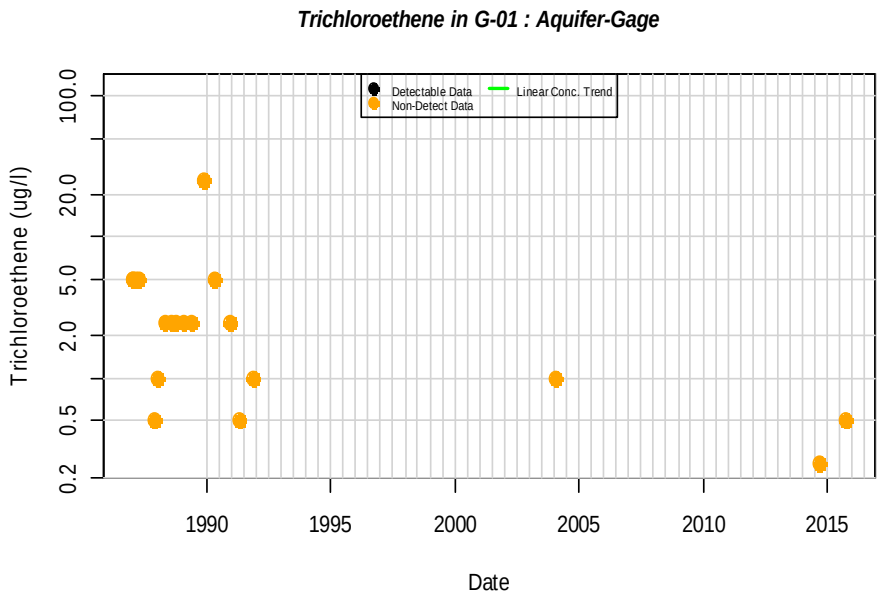

Trichloroethene in SWL0026 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.4
0.6
0.8
1.0
1990
1995
2000
2005
2010
2015
Date

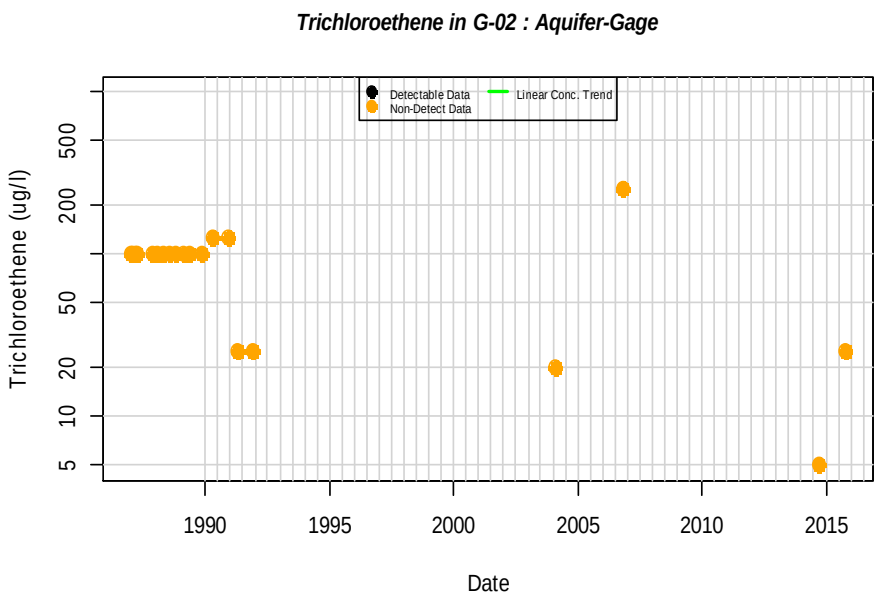

Trichloroethene in SWL0034 : Aquifer-Gage
Mann-Kendall P.Value= 0.634; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
20
50
200
1000
1990
1995
2000
2005
2010
2015
Date

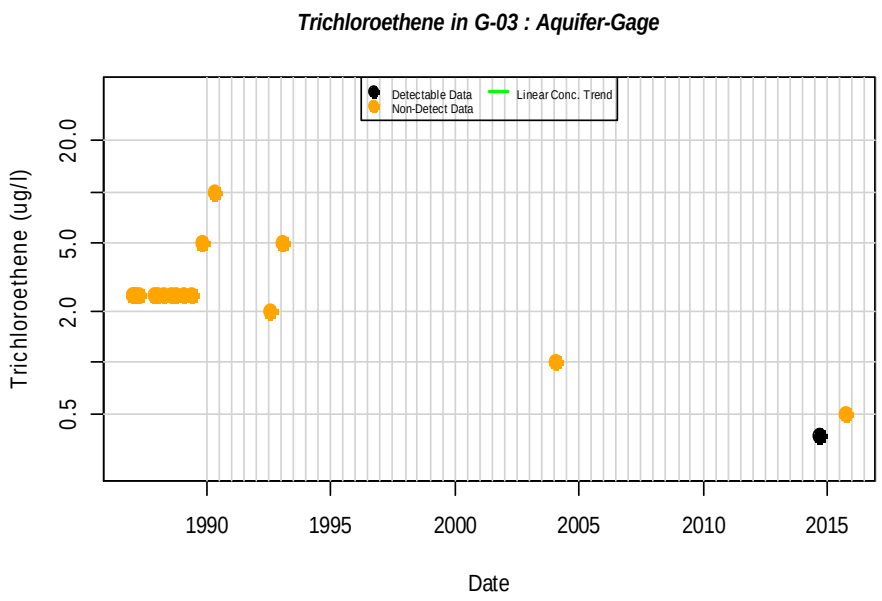

Trichloroethene in SWL0036 : Aquifer-Gage
Mann-Kendall P.Value= 0.0136; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.6
0.8
1.0
1.2
1990
1995
2000
2005
2010
2015
Date

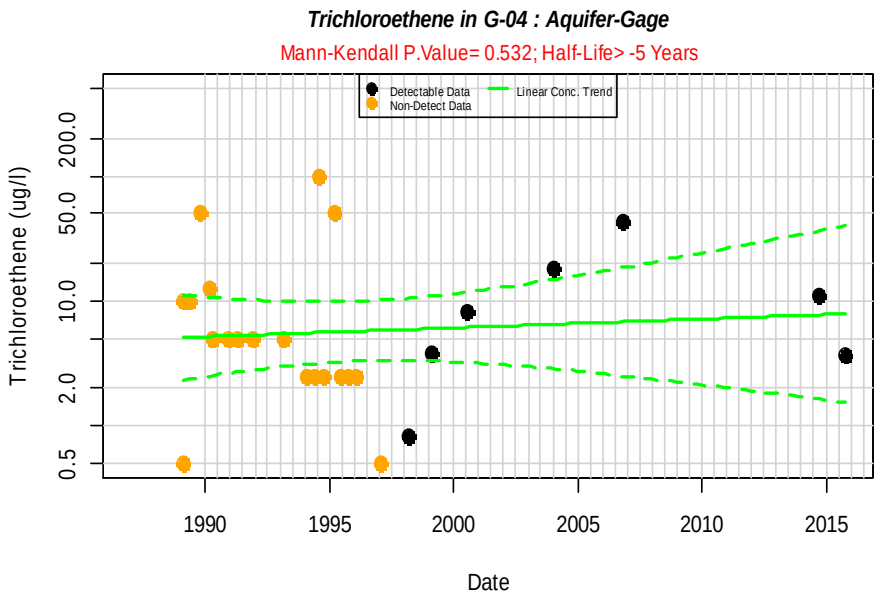

Trichloroethene in SWL0063 : Aquifer-Gage
Mann-Kendall P.Value= 0.803; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
100
150
200
1990
1995
2000
2005
2010
2015
Date

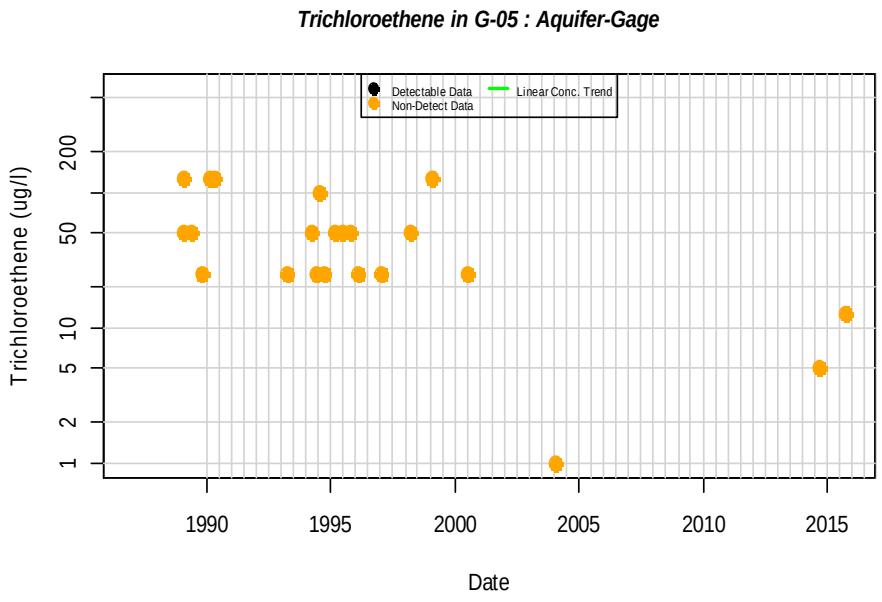

Trichloroethene in SWL0066 : Aquifer-Gage
Mann-Kendall P.Value= 0.806; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
50
500
5000
1990
1995
2000
2005
2010
2015
Date

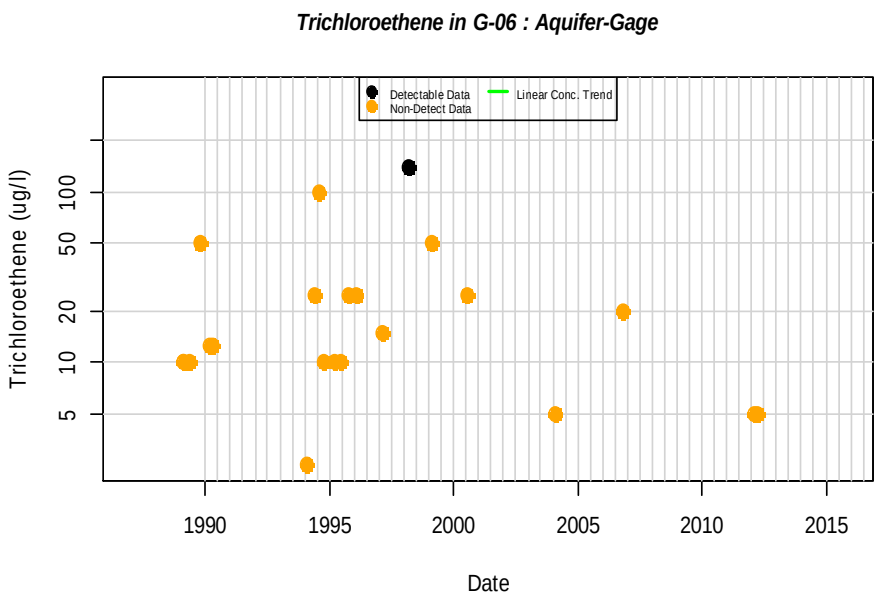

Trichloroethene in G-01 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
0.5
2.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

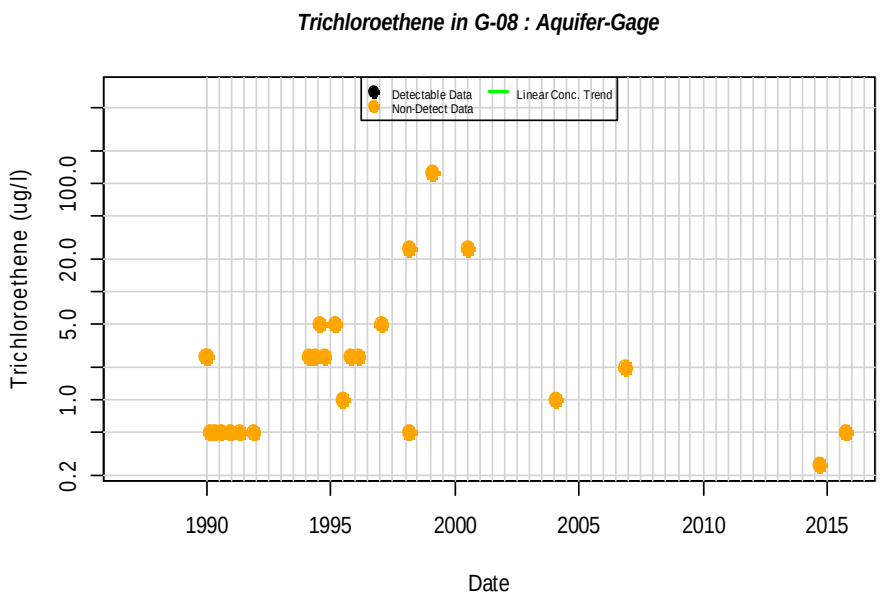

Trichloroethene in G-02 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
200
500
1990
1995
2000
2005
2010
2015
Date

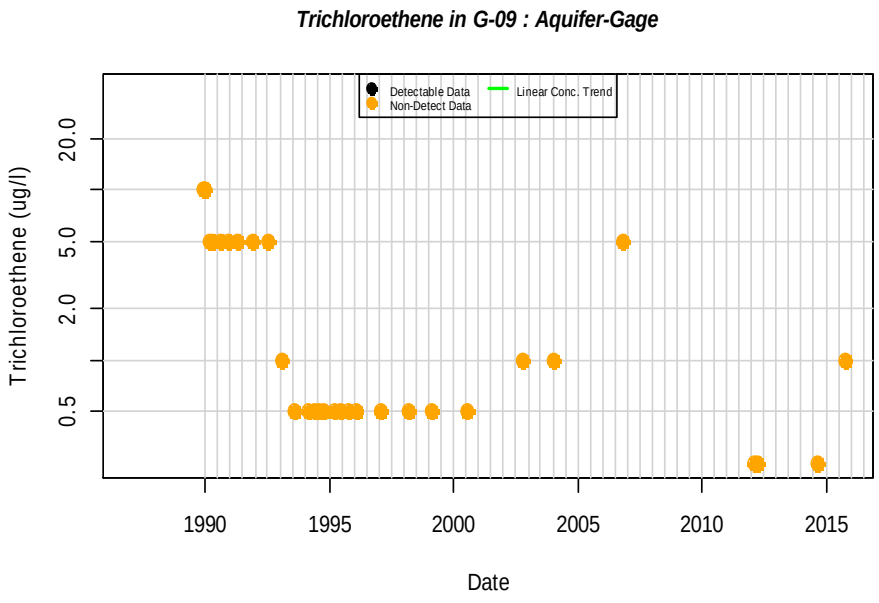

Trichloroethene in G-03 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
1990
1995
2000
2005
2010
2015
Date

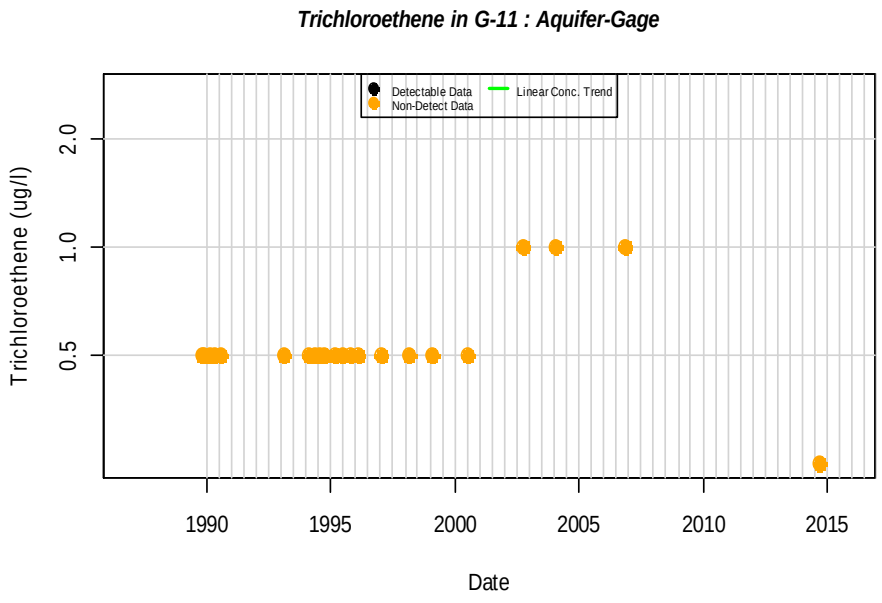

Trichloroethene in G-04 : Aquifer-Gage
Mann-Kendall P.Value= 0.532; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
10.0
50.0
200.0
1990
1995
2000
2005
2010
2015
Date

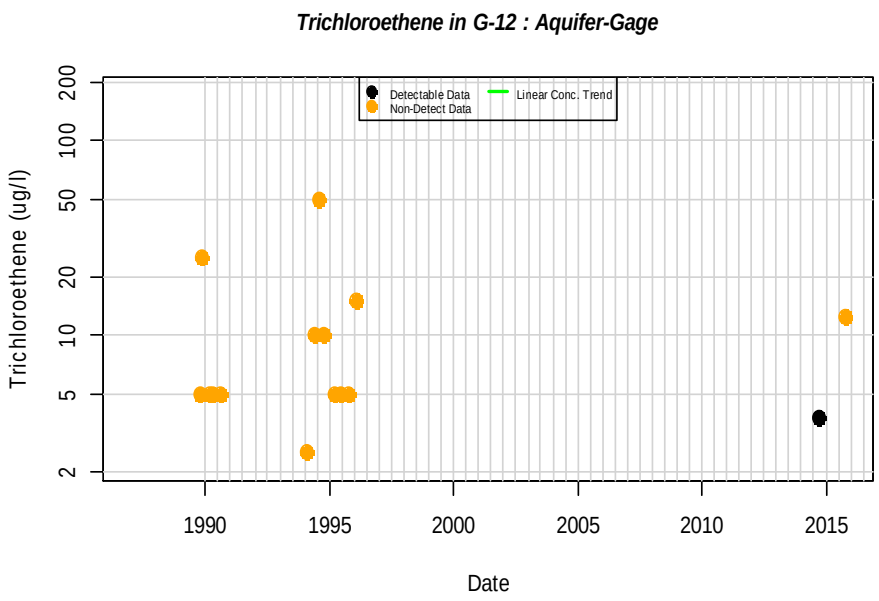

Trichloroethene in G-05 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
50
200
1990
1995
2000
2005
2010
2015
Date

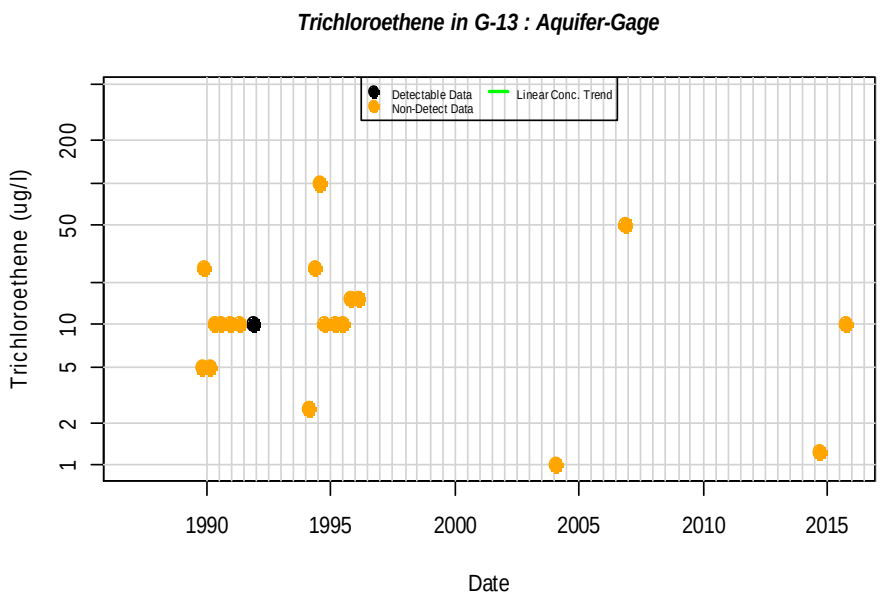

Trichloroethene in G-06 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
5
10
20
50
100
1990
1995
2000
2005
2010
2015
Date

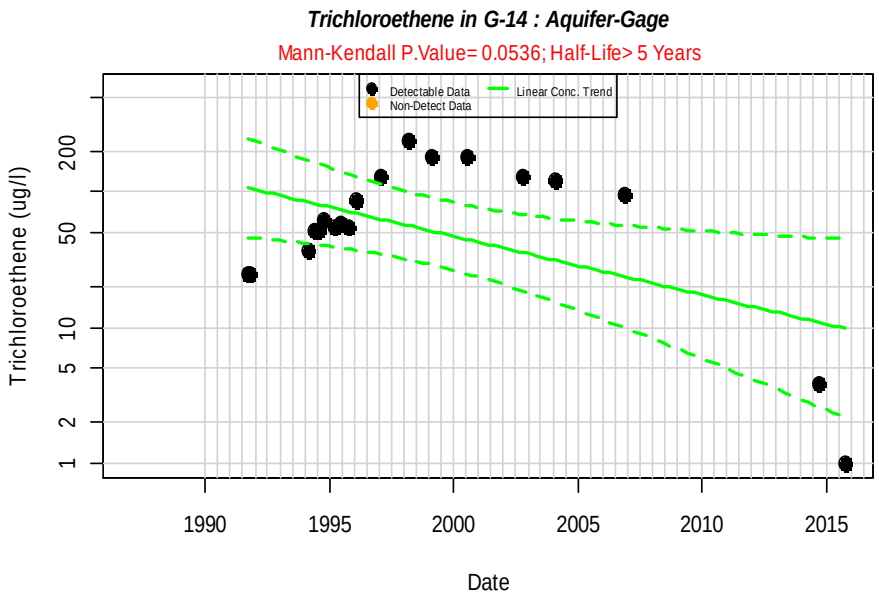

Trichloroethene in G-08 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.2
1.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date

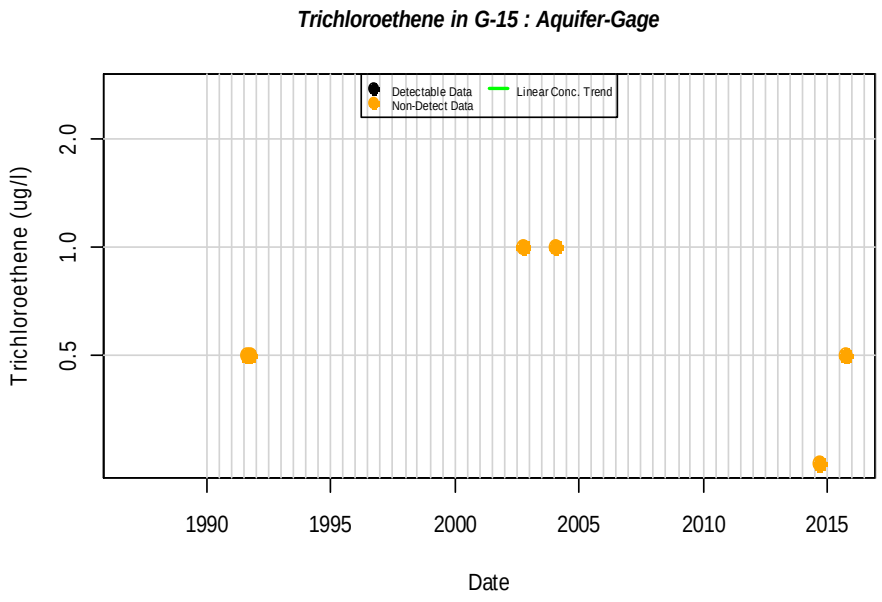

Trichloroethene in G-09 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
1990
1995
2000
2005
2010
2015
Date

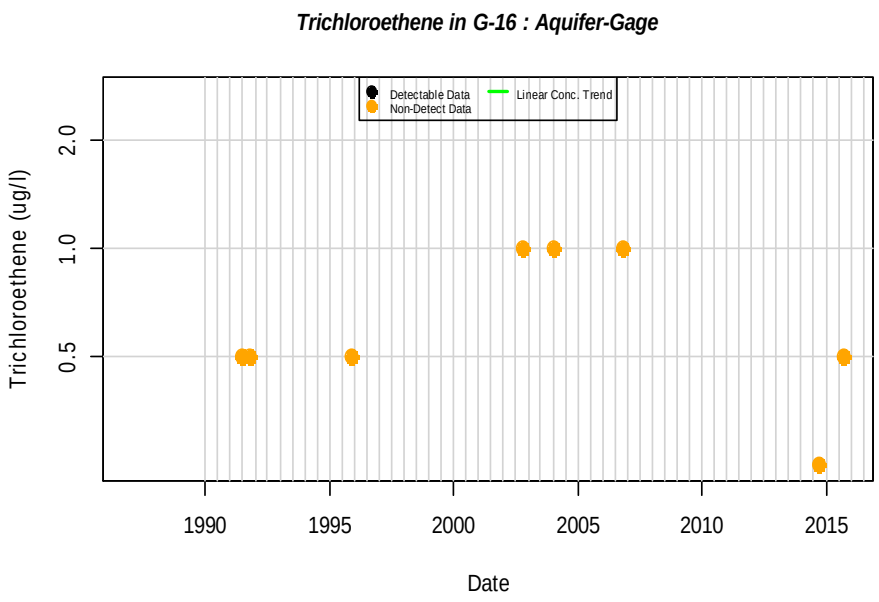

Trichloroethene in G-11 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

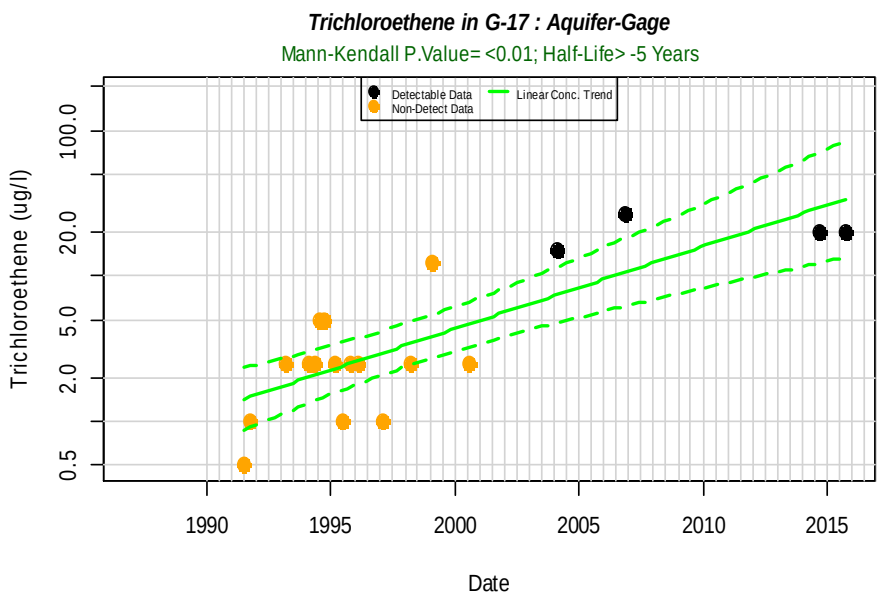

Trichloroethene in G-12 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
2
5
10
20
50
100
200
1990
1995
2000
2005
2010
2015
Date

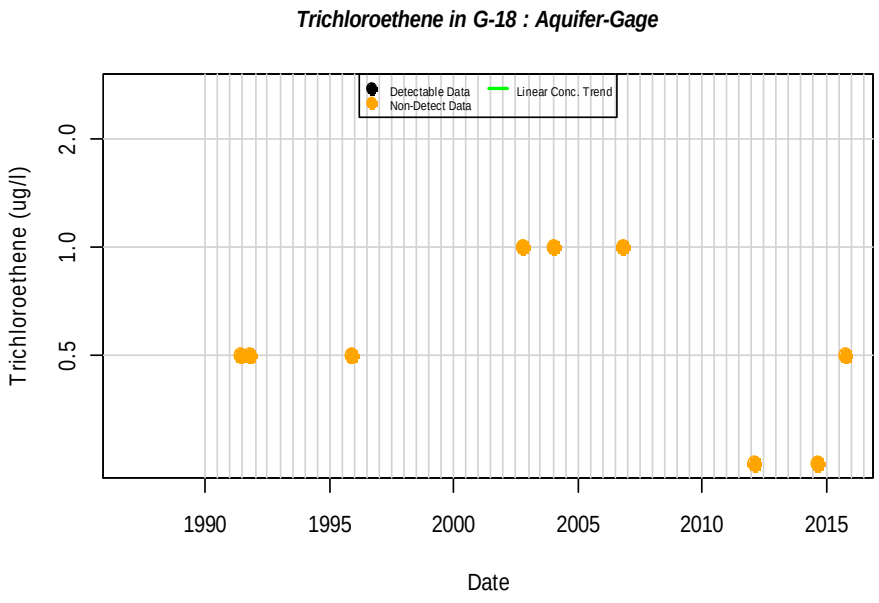

Trichloroethene in G-13 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
50
200
1990
1995
2000
2005
2010
2015
Date

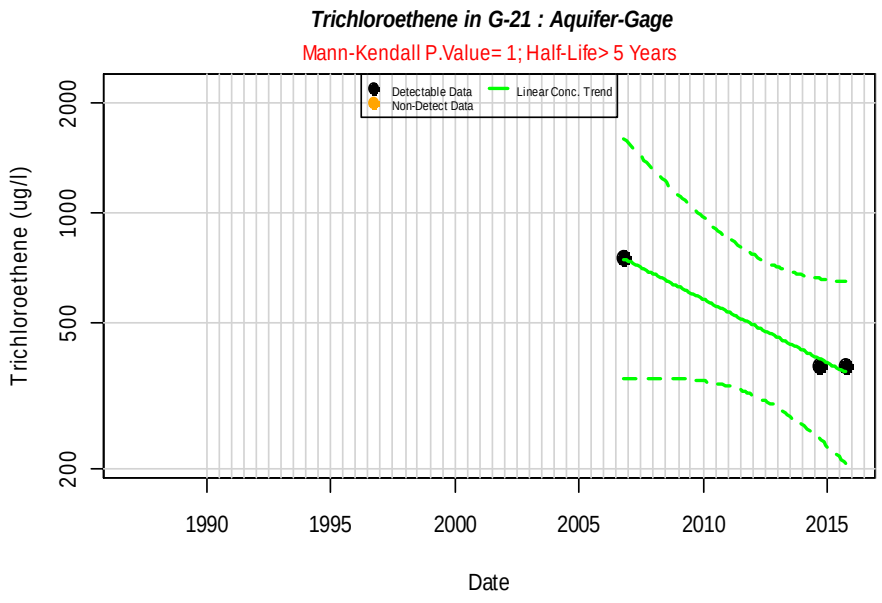

Trichloroethene in G-14 : Aquifer-Gage
Mann-Kendall P.Value= 0.0536; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
50
200
1990
1995
2000
2005
2010
2015
Date

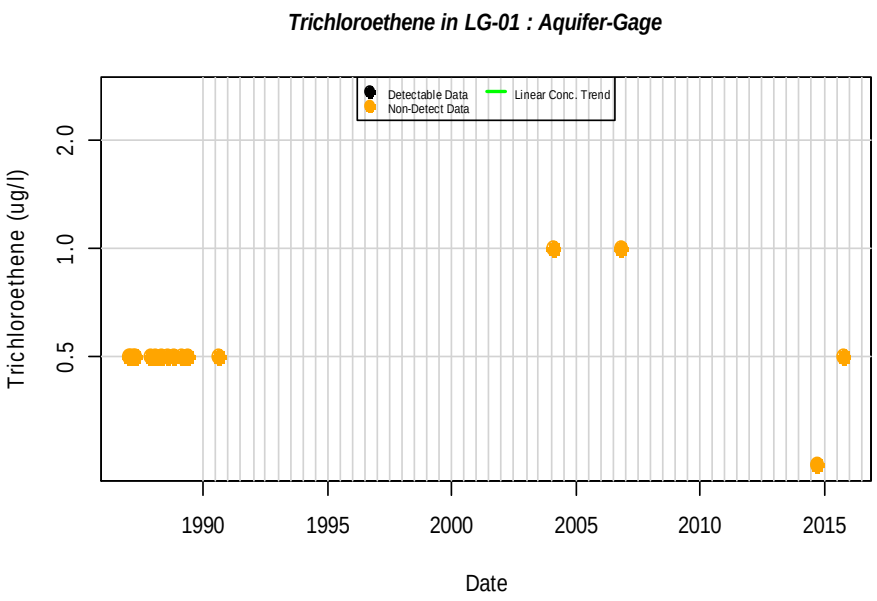

Trichloroethene in G-15 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date

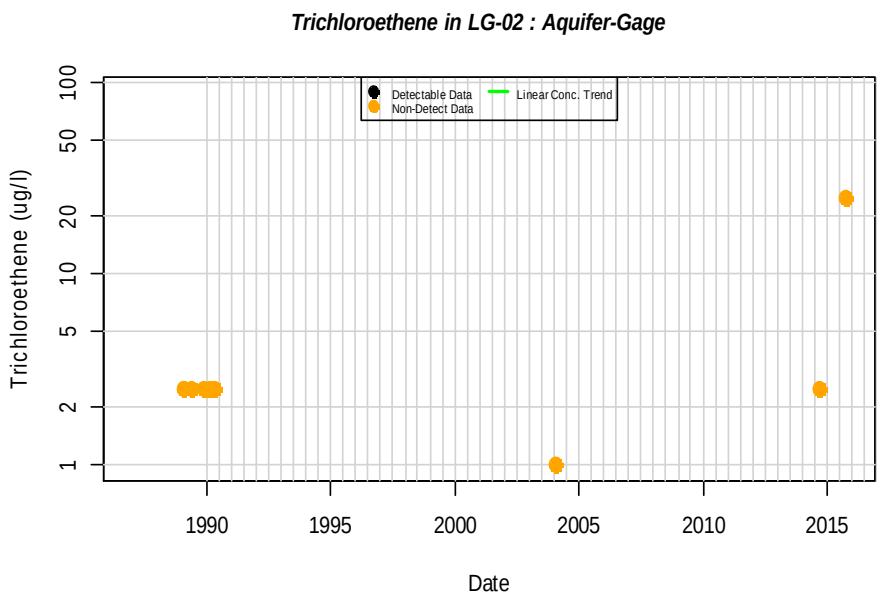

Trichloroethene in G-16 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date


Trichloroethene in G-17 : Aquifer-Gage
Mann-Kendall P.Value= <0.01; Half-Life> -5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
2.0
5.0
20.0
100.0
1990
1995
2000
2005
2010
2015
Date


Trichloroethene in G-18 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date


Trichloroethene in G-21 : Aquifer-Gage
Mann-Kendall P.Value= 1; Half-Life> 5 Years
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
200
500
1000
2000
1990
1995
2000
2005
2010
2015
Date


Trichloroethene in LG-01 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
0.5
1.0
2.0
1990
1995
2000
2005
2010
2015
Date


Trichloroethene in LG-02 : Aquifer-Gage
Detectable Data
Non-Detect Data
Linear Conc. Trend
Trichloroethene (ug/l)
1
2
5
10
20
50
100
1990
1995
2000
2005
2010
2015
Date

APPENDIX I

DATA VALIDATION

MONTROSE
DATA VALIDATION

Montrose Superfund Site
Data Quality Assessment
Aqueous Samples

Laboratory SDG #	Sample Ids.	No. of Samples	Sample Date	Parameter/ Analytical Method	Data Review Effort	QC Reviewed	Data Usability
15-08-1769	G20-082515, MW31-082515, BF34-082515, MW03-082515	4	8/25/2015	pCBSA/ EPA Method 314.0	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	No data required qualification as a result of this review effort.
15-08-1833	GOW01-082615, BF01-082615, BFOW01-082615, MW08-082615, MBFBOW01-082615, MBFBOW01-082615, MW17-082615, BF20-082615, BF20-082615, MW07-082615	10	8/26/2015				No data required qualification as a result of this review effort.
15-08-1944	BL13C-082715, P10-082715, P16C-082715, P26C-082715, P22-082715	5	8/27/2015				No data required qualification as a result of this review effort.
15-09-0165	MWC021-090215, MWC017-090215, CMW001-090215, MWB029-090215, CMW002-090215	5	9/2/2015				No data required qualification as a result of this review effort.
15-09-2371	PZL0025-093015, SWL0057-093015, SWL0037-093015, XMW27-093015, SWL0035-093015, SWL0013-093015, XMW21-093015	7	9/3/2015				No data required qualification as a result of this review effort.
15-10-0113	SWL0022-100115, SWL002200-100115, SWL0058-100115, SWL0010-100115, SWL0036-100115, SWL0025-100115, XG02WC-100115, XG02WC00-100115, XBF13-100115, SWL0023-100115, SWL0033-100115, SWL003300-100115, XG17-100115, XMW14-100115, XMW1400-100115	15	10/1/2015				Results for pCBSA in SWL0022-100115, SWL002200-100115, SWL0058-100115, XG02WC-100115, XG02WC00-100115, SWL0033-100115, SWL003300-100115, XG17-100115, XMW14-100115, and XMW1400-100115 were qualified estimated (J) due to poor reproducibilty between duplicate results and based on professional judgement
15-10-0185	SWL0053-100215, XMW28-100215, XMW29-100215, XBF06-100215, XBF0600-100215, SWL0063-100215	6	10/2/2015				No data required qualification as a result of this review effort.
15-10-0283	SWL0052-100515	1	10/5/2015				No data required qualification as a result of this review effort.
15-09-2139	TB-20150928, EB-20150928, MW-23-20150928, BF-14-20150928, G-13-20150928, G-1300-20150928, G-08-20150928, BF-15-20150928, BF-05-20150928, MW-12-20150928, G-16-20150928, MW-26-20150928, MW-24-20150928, MW-30-20150928, MW-01-20150928, MW-04-20150928, MW-05-20150928, MW-0500-20150928	18	9/28/2015	VOAs/EPA Method 8260B	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for vinyl acetate in all samples were qualifed estimated due to a MS/MSD RPD excursion. Results for bromomethane and 2,2-dichloropropane in all samples were qualified estimated (J, UJ) due to poor MS/MSD and/or LCS % recoveries. Results for chlorobenzene in MW-23-20150928 and MW-30-20150928 and for carbon disulfide in TB-20150928 were qualified as not detected (U) at the sample-specific RL or reported values, whichever is greater, due to associated blank contamination. Although calibration data were included in the data package and the narrative identified excursions, the impact of these excursions is outside the scope of a Stage 2A review.
		16		pCBSA/ EPA Method 314.0		Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for pCBSA in all samples were qualified as estimated (J, UJ) due to unacceptable MS/MSD recoveries and/or MS/MSD RPD values.

Montrose Superfund Site
Data Quality Assessment
Aqueous Samples

Laboratory SDG #	Sample Ids.	No. of Samples	Sample Date	Parameter/ Analytical Method	Data Review Effort	QC Reviewed	Data Usability
15-09-2295	SWL0049-20150928, SWL004900-20150928, SWL0026-20150929, SWL0027-20150929, G-18-20150929, G-19A-20150929, BF-24-20150929, G-OW-3-20150929, G-23-20150929, MW-10-20150928, MW-11-20150929, BF-10-20150929, G-09-20150929, BF-30-20150929, BF-22-20150929, G-27-20150929, BF-16-20150929, G-24-20150929, TB-20150929, EB-20150929, LW-06-20150929, LW-07-20150929, MW-19-20150929, MW-09-20150929	23	9/282015, 9/29/2015	VOAs/EPA Method 8260B	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for bromomethane in all samples were qualified estimated (UJ) due to poor MS/MSD % recoveries. Although calibration data were included in the data package and the narrative identified excursions, the impact of these excursions is outside the scope of a Stage 2A review.
		21		pCBSA/ EPA Method 314.0		Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	No data required qualification as a result of this review effort.
15-09-2375	BF-12-20150929, BF-1200-20150929, G-35-20150930, BF-28-20150930, BF-27-20150930, BF-36-20150930, G-32-20150930, G-15-20150930, BF-21-20150929, BF-OW-4-20150929, BF-32A-20150930, G-33-20150930, G-30-20150930, BF-31-20150930, G-26-20150930, G 2600-20150930, MW-22-20150930, TB-20150930, EB-20150930, BF-09-20150930, BF-03-20150930, MW-02-20150930, MW-0200-20150930, BF-02-20150930	24	9/29/2015, 9/30/2015	VOAs/EPA Method 8260B	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for bromomethane, tetrachloroethene, and carbon disulfide in all samples were qualified estimated (J, UJ) due to poor MS/MSD and/or LCS % recoveries. Results for chlorobenzene in G-35-20150930, BF-28-20150930, BF-36-20150930, G-32-2015-0930, BF-31-20150930, and MW-22-20150930 were qualified as not detected (U) at the sample-specific RL or reported value, whichever is greater due to blank contamination. Although calibration data were included in the data package and the narrative identified excursions, the impact of these excursions is outside the scope of a Stage 2A review.
		22		pCBSA/ EPA Method 314.0		Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	No data required qualification as a result of this review effort.

Montrose Superfund Site
Data Quality Assessment
Aqueous Samples

Laboratory SDG #	Sample Ids.	No. of Samples	Sample Date	Parameter/ Analytical Method	Data Review Effort	QC Reviewed	Data Usability
15-10-0112	LW-05-20151001, LG-01-20151001, G-21-20151001, G-02-20151001, LG-02-20151001, LG-0200-20151001, BF-04-20151001, BF-19-20151001, G-01-20151001, TB-20151001, LW-04-20150930, LW-0400-20150930, G-14-20150930, G-28-20151001, G-34-20151001, G-25-20151001, SWL0034-20151001, G-12-20151001, LW-01-20151001, BF-35-20151001, EB-20151001, BF-29-20150930, BF-33-20150930	23	9/302015, 10/1/2015	VOAs/EPA Method 8260B	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for bromomethane in all samples were qualified estimated (UJ) due to poor MS/MSD and/or LCS % recoveries. Results for naphthalene in BF-19-20151001, G-01-20151001, LW-04-20150930, LW-0400-20150930, G-14-20150930, G-28-20151001, G-34-20151001, G-25-20151001, SWL00034-20151001, G-12-20151001, LW-01-20151001, BF-35-20151001, and EB-20151001 were qualified as not detected (U) at the sample-specific RL or reported value, whichever is greater, due to blank contamination. Although calibration data were included in the data package and the narrative identified excursions, the impact of these excursions is outside the scope of a Stage 2A review.
		21		pCBSA/ EPA Method 314.0	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	No data required qualification as a result of this review effort.
15-10-0209	TB-20151002, EB-20151002, G-05-20151002, MW-16-20151002, MW-6-20151002, MW-13-20151002, G-29-20151002, G-31-20151002, LW-2-20151002	9	10/2/2015	VOAs/EPA Method 8260B	Level 4	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available), calibration, reported concentrations, mass spectra	Results for t-Butylbenzene in all samples were quailified as estimated (UJ) due to unacceptable IC RSD. Results for chloromethane and tetrachloroethene in G-05-20151002 and MW-16-20151002 were qualified estimated (UJ) due to loss in sensitivity from the IC.
		7		pCBSA/ EPA Method 314.0	Level 4	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available), calibration, reported concentrations	No data required qualification as a result of this review effort.
15-10-0569	TB-20151007, EB-20151007, SWL0011-20151007, G-03-20151007, G-04-20151007, MW-25-20151007, BF-23-20151007, BF-11-20151007, BF-17-20151007, BF-25-20151007	8	10/7/2015	VOAs/EPA Method 8260B	Level 4	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available), calibration, reported concentrations, mass spectra	Results for bromomethane in all samples were qualified estimated (UJ) due to poor LCS % recoveries and loss of sensitivity from the IC. Results for PCE in all samples and for acetone in G-04-20151007 were qualified estimated (J, UJ) due to loss of sensitivity from the IC.
		6		pCBSA/ EPA Method 314.0		Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available), calibration, reported concentrations	No data required qualification as a result of this review effort.

Montrose Superfund Site
Data Quality Assessment
Aqueous Samples

Laboratory SDG #	Sample Ids.	No. of Samples	Sample Date	Parameter/ Analytical Method	Data Review Effort	QC Reviewed	Data Usability
15-11-0053	TB-20151102, MBFB-EW-01-20151102, MBFB-EW-0100-20151102	3	11/2/2015	VOAs/EPA Method 8260B	Level 3	Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	No data required qualification as a result of this review effort.
		2		pCBSA/ EPA Method 314.0		Holding Times, Sample Receipt Conditions, MB, LCS/LCSD, MS/MSD (if available)	Results for p-CBSA were qualified estimated (J) due to poor %D between field duplicates.

DEL AMO
DATA VALIDATION

AECOM

Data Validation Memorandum

999 W Town and Country Road
Orange, CA 92868

TO:	Julie Doane-Allmon	**FILE:**	29500877.05
FROM:	Lily Bayati, Senior Project Chemist	**SITE**:	Del Amo - 2015 GW Sampling Event
DATE:	February 10, 2016		

SUBJECT: Summary of Data Validation for Eurofins/Calscience Reports: 15-09-2353, 15-09-2354, 15-09-2359, 15-09-2373, 15-09-2374, 15-10-0103, 15-10-0104, 15-10-0105, 15-10-0106, 15-10-0107, 15-10-0212, 15-10-0213, 15-10-0214, 15-10-0215, 15-10-0220, 15-10-0429, 15-10-0430, and 15-10-1583

Introduction

This report summarizes the findings of the data validation of 95 water samples (including nine field duplicates), 17 trip blanks, and 17 equipment blanks. These samples were collected between September 30, and October 21, 2015 as part of the 2015 Groundwater (GW) Sampling Event at Del Amo Superfund Site. Eurofins/Calscience Laboratories in Garden Grove, California performed all analyses. The samples are listed in Table 1 included at the end of this document. The data were reviewed in accordance with AECOM Standard Operating Procedures, and the principles presented in *USEPA National Functional Guidelines For Inorganics Superfund Data Review (*EPA, 2010, 2014*)*, and *USEPA National Functional Guidelines for Superfund Organic Methods Data Review* (EPA, 2008, 2014).

Overall Assessment

The data reported in these sample delivery groups (SDGs), as qualified, are considered to be usable for meeting project objectives. All results are considered to be valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for analysis, for the project is 100%. Additionally, because all samples in this data set were collected and analyzed under similar prescribed conditions, the data within this set are considered to be comparable.

Data Review Narratives

Ninety-five (95) water samples were collectively analyzed for volatile organic compounds (VOCs; EPA method 8260B), methane (RSK-175M), alkalinity (Standard method; SM 2320B), nitrate, sulfate (EPA method 300.0), ferrous iron (SM 3500-FeB), carbon dioxide (SM 4500-CO2D), manganese (EPA method 6010B), polynuclear aromatic hydrocarbons (EPA method 8270C), gasoline range organics (GRO C6-C12; EPA method 8015B modified), TPH carbon range (C6-C44; EPA method 8015B), ignitability (EPA method 1010), and total metals (EPA methods 6010B, 747A). In addition, 17 trip blanks, and 17 equipment blanks were analyzed for VOCs (EPA method 8260B). The laboratory data were reviewed to evaluate compliance with these methods and the quality of the data reported (EPA Superfund Stage 2A/2B validation). Full validation including recalculation (EPA Superfund Stage 4A validation) was performed on more than 10% of the laboratory data. The following summarizes the results of this review.

The areas of review are listed below. A check mark (✓) indicates an area of review in which all data were acceptable. A crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

✓ Data Completeness
⊗ Holding Times and Preservation
✓ Calibrations (Full Validation)
✓ Internal Standards (Full Validation)
✓ GC/MS Instrument Performance Check Samples (Full Validation)
✓ Interference Check Samples; ICS (Full Validation)
⊗ Blanks
✓ System Monitoring Compounds (Surrogates)
✓ Laboratory Control Samples (LCS)
⊗ Matrix Spike/Matrix Spike Duplicate Samples (MS/MSD)
✓ Field Duplicates
✓ Laboratory Duplicates
✓ Analyte Identification and Quantitation

1. Data Completeness
All analyses were performed as requested on the chain-of-custody records (COCs). The laboratory reported all requested analyses and the deliverable data reports were complete.

2. Holding Times and Preservation
All analyses were performed within the method-specified holding times with the exceptions listed in the following table. In addition, all samples were collected and preserved appropriately.

Method	Sample	Analyte	Date Sampled	Date Prepared	Date Analyzed	Qualifier
SM 3500-FeB	**GWS02530**	Iron II	10/2/15	10/4/15	10/5/15	**J**
	GWS02584					
	GWS02539					
	GWS02556					
	GWS02510					
	GWS02546					
	GWS02533					
	GWS02531					
	GWS02536					
	GWS02563					
	GWS02509					

3. Calibration (Full Validation)

3.1 Initial Calibration (IC)
Appropriate initial calibrations were performed for each analyte for each method. Compliance requirements for each method were met and did not require data qualification.

3.2 Initial Calibration Verification, Continuing Calibration Verification (ICV, CCV)
The acceptance criteria for all ICVs and CCVs were met or did not require qualification.

3.3 Initial Calibration Blanks, Continuing Calibration Blanks (ICB, CCB)
Manganese was not detected in the ICBs and CCBs.

4. Internal Standards (Full Validation)

All internal standard retention times were within ±30 seconds of the associated continuing calibration internal standard retention time. All internal standard area counts were within the acceptance criteria (>50% and <200%) of the associated continuing calibrations internal standard area counts.

5. GC/MS Instrument Performance Check Samples (Full Validation)
Compliance requirements for instrument performance check samples were met for all applicable analyses.

6. Interference Check Samples; ICS (Full Validation)
ICSs were analyzed at the proper frequency and location during the analytical runs for the manganese analyses. All ICS results met acceptance criteria.

7. Blanks
Method blanks were analyzed at the proper frequency for the number and types of samples analyzed. Target analytes were either not detected in the associated method blanks, trip blanks, and equipment blanks or did not require data qualification with the following exceptions.

Method	Blank	Analyte	Concentration	Qualified Samples	Qualifier
EPA 8260B	**MB151003L002**	Benzene	0.20 ug/L	**GWS02562, GWS02601 GWS02529, GWS02588**	**U**
	MB151009I050	Carbon disulfide	0.71 ug/L	**SWL0003, IWS00279**	
Note: MB = Method Blank					

8. System Monitoring Compounds (Surrogates)
Appropriate numbers of surrogate compounds were spiked into each sample for the EPA 8260B, 8270C, and 8015B analyses. All surrogate compound recoveries were within the laboratory's statistically determined acceptance ranges.

9. Laboratory Control Samples (LCS)
LCSs were prepared and analyzed at the proper frequency for each analysis. All LCS and LCS duplicate (LCSD) recoveries reported and relative percent differences (RPDs) between the results (for applicable analytical batches) were within the laboratory's statistically determined acceptance ranges. These LCS results indicate that the level of accuracy demonstrated by the analytical method with respect to a clean sample matrix is acceptable.

10. Matrix Spike/Matrix Spike Duplicate (MS/MSD)
Several project samples were utilized for the MS/MSD analyses. The average recoveries of all MS/MSDs reported and the RPDs between the results were either within the laboratory's statistically determined acceptance ranges or did not require qualification with the following exceptions.

Method	Sample	Analyte	Average Recovery	RPD	Qualified Samples	Qualifier
EPA 300.0	**GWS02555**	Sulfate	173.5%*	1	**GWS02555, GWS02553 GWS02598 GWS02526, GWS02519, GWS02561 GWS02524, GWS02591 GWS02522 GWS02557 GWS02530, GWS02584 GWS02539, GWS02510 GWS02563 GWS02509, GWS02546**	**J**
	GWS02598	Sulfate	129.5%*	0		
	GWS02561	Sulfate	212%*	0		
	GWS02530	Sulfate	212%*	0		
	GWS02584	Sulfate	169%*	2		
Notes: * Outlier						

11. Field Duplicates
The following samples were submitted to the laboratory as field duplicate pairs.

Primary Sample	Field Duplicate
GWS02530	GWS02584
GWS02576	GWS02585
GWS02554	GWS02586
GWS02520	GWS02587
GWS02529	GWS02588
GWS02543	GWS02589
GWS02564	GWS02590
GWS02557	GWS02591
GWS02534	GWS02592

Acceptable field and analytical precision was demonstrated for all analytes for all field duplicate pairs.

12. Laboratory Duplicates
Acceptable analytical precision was demonstrated for all laboratory duplicate analyses.

13. Target Analyte Identification and Quantitation (Full Validation)
All analytes reported and the reporting limits obtained comply with project specifications. All dilutions were appropriate. In addition, this data review process included result recalculation and transcription error checking from the raw data for more than 10% of the data. All results checked were confirmed.

Table 1
Eurofins/ Calscience Laboratories

Sample	SDG	Sample Number	Date Sampled	Analysis Performed
FBS02062 (Trip Blank)	15-09-2353	15-09-2353-1	9/30/15	EPA 8260B
FBS02072 (Equipment Blank)	15-09-2353	15-09-2353-2	9/30/15	EPA 8260B
GWS02555	15-09-2353	15-09-2353-3	9/30/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02559	15-09-2353	15-09-2353-4	9/30/15	EPA 8260B
FBS02064 (Trip Blank)	15-09-2354	15-09-2354-1	9/30/15	EPA 8260B
FBS02076 (Equipment Blank)	15-09-2354	15-09-2354-2	9/30/15	EPA 8260B
GWS02537	15-09-2354	15-09-2354-3	9/30/15	EPA 8260B
GWS02598	15-09-2354	15-09-2354-4	9/30/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02553	15-09-2354	15-09-2354-5	9/30/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02568	15-09-2354	15-09-2354-6	9/30/15	EPA 8260B
FBS02074 (Trip Blank)	15-09-2359	15-09-2359-1	9/30/15	EPA 8260B
FBS02066 (Equipment Blank)	15-09-2359	15-09-2359-2	9/30/15	EPA 8260B
GWS02506	15-09-2359	15-09-2359-3	9/30/15	EPA 8260B
GWS02526	15-09-2359	15-09-2359-4	9/30/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02519	15-09-2359	15-09-2359-5	9/30/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
FBS02063 (Trip Blank)	15-09-2373	15-09-2373-1	9/30/15	EPA 8260B
FBS02073 (Equipment Blank)	15-09-2373	15-09-2373-2	9/30/15	EPA 8260B
GWS02507	15-09-2373	15-09-2373-3	9/30/15	EPA 8260B
GWS02511	15-09-2373	15-09-2373-4	9/30/15	EPA 8260B
FBS02065 (Trip Blank)	15-09-2374	15-09-2374-1	9/30/15	EPA 8260B
FBS02075 (Equipment Blank)	15-09-2374	15-09-2374-2	9/30/15	EPA 8260B
GWS02518	15-09-2374	15-09-2374-3	9/30/15	EPA 8260B
GWS02545	15-09-2374	15-09-2374-4	9/30/15	EPA 8260B
GWS02565	15-09-2374	15-09-2374-5	9/30/15	EPA 8260B
FBS02068 (Trip Blank)	15-10-0103	15-10-0103-1	10/1/15	EPA 8260B
FBS02079 (Equipment Blank)	15-10-0103	15-10-0103-2	10/1/15	EPA 8260B
GWS02561	15-10-0103	15-10-0103-3	10/1/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS01597	15-10-0103	15-10-0103-4	10/1/15	EPA 8260B
GWS02590 (Field Duplicate of GWS02564)	15-10-0103	15-10-0103-5	10/1/15	EPA 8260B
GWS02564	15-10-0103	15-10-0103-6	10/1/15	EPA 8260B
GWS02566	15-10-0103	15-10-0103-7	10/1/15	EPA 8260B

Table 1
Eurofins/ Calscience Laboratories

Sample	SDG	Sample Number	Date Sampled	Analysis Performed
GWS02572	15-10-0103	15-10-0103-8	10/1/15	EPA 8260B
FBS02069 (Trip Blank)	15-10-0104	15-10-0104-1	10/1/15	EPA 8260B
GWS02080	15-10-0104	15-10-0104-2	10/1/15	EPA 8260B
GWS02513	15-10-0104	15-10-0104-3	10/1/15	EPA 8260B
GWS02505	15-10-0104	15-10-0104-4	10/1/15	EPA 8260B
GWS02503	15-10-0104	15-10-0104-5	10/1/15	EPA 8260B
GWS02516	15-10-0104	15-10-0104-6	10/1/15	EPA 8260B
GWS02523	15-10-0104	15-10-0104-7	10/1/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02524	15-10-0104	15-10-0104-8	10/1/15	EPA 8260B
FBS02078 (Trip Blank)	15-0-0105	15-10-0105-1	10/1/15	EPA 8260B
FBS02067 (Equipment Blank)	15-0-0105	15-10-0105-2	10/1/15	EPA 8260B
GWS02573	15-0-0105	15-10-0105-3	10/1/15	EPA 8260B
GWS02548	15-0-0105	15-10-0105-4	10/1/15	EPA 8260B
GWS02580	15-0-0105	15-10-0105-5	10/1/15	EPA 8260B
GWS02527	15-0-0105	15-10-0105-6	10/1/15	EPA 8260B
GWS02578	15-0-0105	15-10-0105-7	10/1/15	EPA 8260B
GWS02593	15-0-0105	15-10-0105-8	10/1/15	EPA 8260B
GWS02544	15-0-0105	15-10-0105-9	10/1/15	EPA 8260B
FBS02081 (Trip Blank)	15-10-0106	15-10-0106-1	10/1/15	EPA 8260B
FBS02070 (Equipment Blank)	15-10-0106	15-10-0106-2	10/1/15	EPA 8260B
GWS02540	15-10-0106	15-10-0106-3	10/1/15	EPA 8260B
GWS02508	15-10-0106	15-10-0106-4	10/1/15	EPA 8260B
GWS02560	15-10-0106	15-10-0106-5	10/1/15	EPA 8260B
GWS02583	15-10-0106	15-10-0106-6	10/1/15	EPA 8260B
GWS02576	15-10-0106	15-10-0106-7	10/1/15	EPA 8260B
GWS02591 (Field Duplicate of GWS02557)	15-10-0106	15-10-0106-8	10/1/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02569	15-10-0106	15-10-0106-9	10/1/15	EPA 8260B
GWS02522	15-10-0106	15-10-0106-10	10/1/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02585 (Field Duplicate of GWS02576)	15-10-0106	15-10-0106-11	10/1/15	EPA 8260B
GWS02557	15-10-0106	15-10-0106-12	10/1/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
FBS02071 (Trip Blank)	15-10-0107	15-10-0107-1	10/1/15	EPA 8260B
FBS02077 (Equipment Blank)	15-10-0107	15-10-0107-2	10/1/15	EPA 8260B
GWS02579	15-10-0107	15-10-0107-3	10/1/15	EPA 8260B
GWS02581	15-10-0107	15-10-0107-4	10/1/15	EPA 8260B
GWS02562	15-10-0107	15-10-0107-5	10/1/15	EPA 8260B
GWS02550	15-10-0107	15-10-0107-6	10/1/15	EPA 8260B

Table 1
Eurofins/ Calscience Laboratories

Sample	SDG	Sample Number	Date Sampled	Analysis Performed
GWS02601	15-10-0107	15-10-0107-7	10/1/15	EPA 8260B
GWS02529	15-10-0107	15-10-0107-8	10/1/15	EPA 8260B
GWS02588 (Field Duplicate of GWS02529)	15-10-0107	15-10-0107-9	10/1/15	EPA 8260B
FBS02103 (Trip Blank)	15-10-0212	15-10-0212-1	10/2/15	EPA 8260B
FBS02083 (Equipment Blank)	15-10-0212	15-10-0212-2	10/2/15	EPA 8260B
GWS02549	15-10-0212	15-10-0212-3	10/2/15	EPA 8260B
GWS02594	15-10-0212	15-10-0212-4	10/2/15	EPA 8260B
GWS02571	15-10-0212	15-10-0212-5	10/2/15	EPA 8260B
GWS02574	15-10-0212	15-10-0212-6	10/2/15	EPA 8260B
GWS02554	15-10-0212	15-10-0212-7	10/2/15	EPA 8260B
GWS02586 (Field Duplicate of GWS02554)	15-10-0212	15-10-0212-8	10/2/15	EPA 8260B
GWS02575	15-10-0212	15-10-0212-9	10/2/15	EPA 8260B
GWS02530	15-10-0212	15-10-0212-10	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02584 (Field Duplicate of GWS02530)	15-10-0212	15-10-0212-11	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
FBS02084 (Trip Blank)	15-10-0213	15-10-0213-1	10/2/15	EPA 8260B
FBS02106 (Equipment Blank)	15-10-0213	15-10-0213-2	10/2/15	EPA 8260B
GWS02539	15-10-0213	15-10-0213-3	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02556	15-10-0213	15-10-0213-4	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02515	15-10-0213	15-10-0213-5	10/2/15	EPA 8260B
GWS02510	15-10-0213	15-10-0213-6	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02543	15-10-0213	15-10-0213-7	10/2/15	EPA 8260B
GWS02589	15-10-0213	15-10-0213-8	10/2/15	EPA 8260B
FBS02102 (Trip Blank)	15-10-0214	15-10-0214-1	10/2/15	EPA 8260B
FBS02082 (Equipment Blank)	15-10-0214	15-10-0214-2	10/2/15	EPA 8260B
GWS02528	15-10-0214	15-10-0214-3	10/2/15	EPA 8260B
GWS02538	15-10-0214	15-10-0214-4	10/2/15	EPA 8260B
GWS02582	15-10-0214	15-10-0214-5	10/2/15	EPA 8260B
GWS02546	15-10-0214	15-10-0214-6	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02547	15-10-0214	15-10-0214-7	10/2/15	EPA 8260B
GWS02525	15-10-0214	15-10-0214-8	10/2/15	EPA 8260B
GWS02541	15-10-0214	15-10-0214-9	10/2/15	EPA 8260B
FBS02105 (Trip Blank)	15-10-0215	15-10-0215-1	10/2/15	EPA 8260B
FBS02085 (Equipment Blank)	15-10-0215	15-10-0215-2	10/2/15	EPA 8260B
GWS02517	15-10-0215	15-10-0215-3	10/2/15	EPA 8260B

Table 1
Eurofins/ Calscience Laboratories

Sample	SDG	Sample Number	Date Sampled	Analysis Performed
GWS02533	15-10-0215	15-10-0215-4	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02531	15-10-0215	15-10-0215-5	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02536	15-10-0215	15-10-0215-6	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02595	15-10-0215	15-10-0215-7	10/2/15	EPA 8260B
GWS02563	15-10-0215	15-10-0215-8	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
GWS02512	15-10-0215	15-10-0215-9	10/2/15	EPA 8260B
GWS02509	15-10-0215	15-10-0215-10	10/2/15	EPA 8260B, 6010B, 300.0; RSK-175M SM 4500-CO2D, 2320B, 3500-FeB
FBS02101 (Trip Blank)	15-10-0220	15-10-0220-1	10/2/15	EPA 8260B
FBS02081 (Equipment Blank)	15-10-0220	15-10-0220-2	10/2/15	EPA 8260B
GWS02570	15-10-0220	15-10-0220-3	10/2/15	EPA 8260B
GWS02577	15-10-0220	15-10-0220-4	10/2/15	EPA 8260B
FBS02086 (Equipment Blank)	15-10-0220	15-10-0220-5	10/2/15	EPA 8260B
GWS02596	15-10-0220	15-10-0220-6	10/2/15	EPA 8260B
GWS02542	15-10-0220	15-10-0220-7	10/2/15	EPA 8260B
GWS02504	15-10-0220	15-10-0220-8	10/2/15	EPA 8260B
FBS02106 (Trip Blank)	15-10-0429	15-10-0429-1	10/5/15	EPA 8260B
FBS02087 (Equipment Blank)	15-10-0429	15-10-0429-2	10/5/15	EPA 8260B
GWS02520	15-10-0429	15-10-0429-3	10/5/15	EPA 8260B
GWS02587 (Field Duplicate of GWS02520)	15-10-0429	15-10-0429-4	10/5/15	EPA 8260B
GWS02558	15-10-0429	15-10-0429-5	10/5/15	EPA 8260B
GWS02534	15-10-0429	15-10-0429-6	10/5/15	EPA 8260B
GWS02592 (Field Duplicate of GWS02534)	15-10-0429	15-10-0429-7	10/5/15	EPA 8260B
GWS02535	15-10-0429	15-10-0429-8	10/5/15	EPA 8260B
TB-1 (Trip Blank)	15-10-0430	15-10-0430-1	10/6/15	EPA 8260B
EB-1 (Equipment Blank)	15-10-0430	15-10-0430-2	10/6/15	EPA 8260B
SWL0003	15-10-0430	15-10-0430-3	10/6/15	EPA 8260B
IWS00279	15-10-0430	15-10-0430-4	10/6/15	EPA 8260B, 8015B, 6010B, 7470A
NDS00003	15-10-1583	15-10-1583-1	10/21/15	EPA 8260B, 8270C
NLS00019	15-10-1583	15-10-1583-2	10/21/15	EPA 8260B, 8270C, 1010A

Notes:

SDG:	Sample Delivery Group	EPA 6010B:	Manganese	EPA 1010A:	Flash Point
EPA 8260B:	Volatile Organic Compounds (VOCs)	EPA 6010B[1]:	Total Metals	RSK-175M:	Methane
EPA 300.0:	Nitrate, Sulfate	EPA 1010A:	Flash Point		
SM 3500-FeB:	Ferrous Iron	SM4500-CO2D:	Carbon Dioxide		
SM 2320B:	Alkalinity	EPA 8270C:	Polynuclear Aromatic Hydrocarbons (PAHs)		
EPA 8015B:	Gasoline Range Organics (GRO C6-C12), TPH-Carbon Range (C13-C44)				

ATTACHMENT A
DATA VALIDATION QUALIFIER DEFINITIONS AND INTERPRETATION KEY
Assigned by AECOM Data Review Team

DATA QUALIFIER DEFINITIONS FOR ORGANIC ANALYES

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The result is an estimated quantity, but the result may be biased high.

J- The result is an estimated quantity, but the result may be biased low.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

DATA QUALIFIER DEFINITIONS FOR INORGANIC ANALYSES

U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J+ The result is an estimated quantity, but the result may be biased high.

J- The result is an estimated quantity, but the result may be biased low.

UJ The analyte was analyzed for, but was not detected. The reported sample quantitation limit is approximate and may be inaccurate or imprecise.

R The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control (QC) criteria. The analyte may or may not be present in the sample.

AECOM DATA QUALIFIER DEFINITIONS — REASON CODE DEFINITIONS

a Analytical sequence deficiency or omission.
b Gross compound breakdown (4,4'-DDT/Endrin).
c Calibration failure; poor or unstable response.
d Laboratory duplicate imprecision.
e Laboratory duplicate control sample imprecision.
f Field duplicate imprecision.
g Poor chromatography.
h Holding time violation.
i Internal standard failure.
j Poor mass spectrographic performance.
k Serial dilution imprecision.
l Laboratory control sample recovery failure.
m Matrix spike/matrix spike duplicate recovery failure.
n Interference check sample recovery failure.
o Calibration blank contamination (metals/inorganics only).
p Preparation blank contamination (metals/inorganics only).
q Quantitation outside linear range.
r Linearity failure in initial calibration.
s Surrogate spike recovery failure (GC organics and GC/MS organics only).
t Instrument tuning failure.
u No valid confirmation column (GC Organics only).
v Value is estimated below the MDA (Rads only).
w Retention time (RT) outside of RT window.
x Field blank contamination.
y Trip blank contamination.
z Method blank contamination.

INTERPRETATION KEY

The following example shows how an analytical result which includes qualifiers assigned by both the AECOM data review team and the analytical laboratory could be displayed in the data tables:

<5.20 Uz | JB

The qualifier assigned by the AECOM data review team precedes the "|"; the qualifier assigned by the laboratory follows it. In this example, the result is qualified as a non-detection data to the bias introduced by contamination of the associated method blank. Presence of the analyte in the method blank is indicated by the laboratory qualifier (B). The qualifier assigned by the AECOM data review team (Uz) indicates that the analyte concentration is considered to be below the adjusted detection limit (quantitation limit) based on the level of contamination in the method blank.