Report
Interim Remedial Action
Boeing Auburn Area 1
Auburn, Washington

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Prepared for

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1.0 INTRODUCTION

This report presents an evaluation of groundwater quality data collected through March 2008 to assess the effectiveness of an interim remedial action (IRA) being conducted by the Boeing Company (Boeing) at the Area 1 property directly north of the current Boeing Auburn plant. The IRA and other corrective action requirements are being conducted pursuant to an Agreed Order (Order; No. DE 01HWTRNR-3345) dated August 14, 2002 between Boeing and the Washington State Department of Ecology (Ecology) and a First Amended Agreed Order dated February 21, 2006 between Boeing and AMB Property Corporation (AMB) and Ecology. The location of the Area 1 property is shown on the vicinity map on Figure 1-1. A summary of Area 1 corrective action reports and milestones is presented in Table 1-1.

Area 1 consists of three parcels totaling approximately 41.9 acres directly north of the Boeing Auburn fabrication plant at 700 15th Street SW, Auburn, Washington. The Area 1 property was owned by Boeing from about 1966 to December 2005. The property included Building 17-05 and a number of smaller buildings where airplane parts were manufactured. Boeing sold the Area 1 property to AMB Corporation on December 15, 2005. AMB subsequently demolished existing site buildings and constructed a distribution warehouse and associated parking and stormwater facilities. Demolition and construction was accomplished between about February 2006 and May 2007. A site plan showing the Area 1 property, the now demolished Building 17-05, and the current AMB warehouse building is presented on Figure 1-2.

1.1 SUMMARY OF SITE INVESTIGATIONS AND REMEDIATION

Solid waste management units (SWMUs) and areas of concern (AOCs) were defined at the Boeing Auburn plant as part of the corrective action process (Geomatrix 2003a). A number of SWMUs and AOCs were identified throughout the facility that required additional investigation. Four of these SWMUs (S-12a, S-12b, S-12c, and S-19) and two of these AOCs (A-02a and A-08) are in Area 1.

Concurrent with corrective action implementation, Boeing developed plans to sell Area 1. To expedite corrective action in Area 1, Boeing submitted an *Area 1 Property Transfer Work Plan* (Geomatrix 2003b) that was subsequently approved by Ecology. The Area 1 RI, which included groundwater sampling at monitoring wells and borings, was completed during the first quarter of 2004; RI results are documented in an *Area 1 Remedial Investigation* (RI) *Report* (Landau Associates 2004a) and *Supplemental Area 1 RI Report* (Landau Associates 2004b). Based on the RI investigations, Ecology issued a letter of determination indicating no further action was necessary for all Area 1 SWMUs and AOCs except SWMU S-12b and AOC A-08. SWMU S-12b was a former TCE degreaser; AOC A-08

was a former tank line adjacent to the degreaser. The relatively high concentrations of trichloroethene (TCE) detected in groundwater at these locations indicated that SWMU S-12b and AOC A-08 were potential sources of a larger TCE groundwater plume beneath Area 1.[1] In addition to Area 1 RI activities that were targeted to SWMUs and AOCs, Boeing conducted a number of additional investigations and cleanup actions associated with the Area 1 property transfer. These investigations included:

- Building 17-05 Elevator Shaft Cleanup Action (Landau Associates 2005a)
- Additional Area 1 Investigations (Landau Associates 2005b)
- Chrome Line Investigation and Removal (Landau Associates 2007a).

Based on the results of the Area 1 RI investigation, Boeing developed an interim remedial action (IRA) to reduce VOC concentrations in the source area of a volatile organic compound (VOC) plume at Area 1 that was documented in the *Interim Remedial Action Work Plan* (Landau Associates 2004c). The IRA consisted of injection of an electron donor amendment (sodium lactate and vegetable oil) to facilitate reductive dechlorination of TCE. Eventually, three donor injections were completed at 32 injection wells and one monitoring well. Injections were completed in:

- July 2004
- January 2005
- October 2005.

Donor was injected in the shallow zone and the upper portion of the intermediate zone. Donor injections are described in the *Interim Remedial Action Report* (Landau Associates 2004d), the *2nd Interim Remedial Action Report* (Landau Associates 2005c), and the *Supplement to the Final Interim Remedial Action Work Plan* (Landau Associates 2005d).

1.2 CURRENT MONITORING PROGRAMS

Groundwater monitoring in Area 1 has been ongoing since 1994 as part of site-wide environmental investigations. Since completion of RI field work in 2005, groundwater monitoring has been conducted on a semi-annual basis as part of an interim site-wide groundwater monitoring plan. Some of these interim site-wide monitoring wells are located in Area 1. Additionally, as part of the Area 1 IRA, a more comprehensive monthly and quarterly groundwater monitoring program has been conducted to document the effectiveness of the remedy. This Area 1 IRA groundwater monitoring plan has had three separate phases that corresponded to various periods of site demolition and construction and subsequent well abandonment and replacement. The final phase of Area 1 groundwater monitoring,

[1] The area including and immediately surrounding SWMU S-12b and AOC A-08 is referred to as the source area in this report.

Phase III, started in October 2006 after completion of the AMB warehouse building and reinstallation of select Area 1 monitoring wells; this quarterly monitoring program is ongoing. The three phases of the Area 1 IRA groundwater monitoring plan are presented in the *Supplement to the Final IRA Work Plan* (Landau Associates 2005d). An overview of groundwater sampling programs at the Auburn facility was presented in the *Update Summary – Interim Groundwater Sampling Programs* (Landau Associates 2007b). Well abandonment and reinstallation is documented in the *Area 1 Well Abandonment and Reinstallation Technical Memorandum* (Landau Associates 2008).

The Phase III sampling program consists of all currently existing monitoring wells on or directly downgradient of the Area 1 property. Monitoring wells in the Phase III program,[2] abandoned wells that were part of the Phase I and II programs, and RI soil boring locations, where groundwater samples were collected are shown on Figures 1-3, 1-4 and 1-5 for the shallow, intermediate, and deep groundwater zones, respectively.

[2] A number of wells in the Phase III program were abandoned during site demolition and then reinstalled after the new warehouse building was completed. The original well has a standard Boeing Auburn designation (i.e., AGW055). The replacement well has the same designation with an "R" after it (i.e., AGW055R). When referring to data from a well that was abandoned and replaced, the original standard designation (i.e., AGW055) is used to refer to the complete set of data including data from the original well and the replacement well.

2.0 HYDROGEOLOGY

Approximately 100 ft of relatively permeable sand and gravel deposits make up the upper aquifer beneath the Auburn site. These deposits are separated into three zones:

- A shallow zone, from approximately 10 to 30 ft below ground surface (BGS)
- An intermediate zone, from approximately 40 to 60 ft BGS
- A deep zone, from approximately 80 to 100 ft BGS.

A summary of geologic conditions beneath the Auburn site is presented in the *Revised RI Report* (Landau Associates 2007c). Geologic cross sections through Area 1 are presented in the *IRA Work Plan* (Landau Associates 2004c).

Synoptic groundwater levels were measured throughout the Auburn site at all wells in August 2004. Groundwater level elevations indicated northerly groundwater gradients across the Auburn site and Area 1 in the shallow, intermediate, and deep groundwater zones. These data are summarized in groundwater elevation contour plots in the *Revised Remedial Investigation Report* (Landau Associates 2007c). Area 1 shallow zone groundwater level elevation contours from December 2004 are presented in *Area 1 Remedial Investigation Report* (Landau Associates 2004a). Area 1 water level data are presented in Appendix A.

Horizontal groundwater gradients beneath Area 1 are very low and are estimated at 0.0007 ft/ft (Landau Associates 2004c). Groundwater level monitoring has shown a consistent northerly gradient across Area 1; however, the low gradients make it difficult to estimate groundwater flow directions on a local level (i.e., groundwater elevations in nearby wells are similar). The relatively consistent and low hydraulic gradients are demonstrated on the hydrograph for shallow zone wells in the vicinity of the source area (AGW106 and AGW110) and downgradient (AGW112, AGW031, and AGW067). This hydrograph is presented on Figure 2-1.

Vertical groundwater gradients are also very low at the Auburn site. For example, at the AGW066 well cluster [where shallow (AGW066), intermediate (AGW072), and deep (AGW073) wells are located together], groundwater level elevations only vary by about 0.05 ft between the shallow screen (AGW066 screened between 13 and 28 ft BGS) and the deep screen (AGW073 screened between 100 and 110 ft BGS). The very low groundwater vertical gradients are demonstrated on the hydrograph from this well cluster presented on Figure 2-2.

A primary reason for the low hydraulic gradients is the high aquifer hydraulic conductivity, estimated at between 160 and 800 ft/day (Landau Associates 2004c). Based on the combination of hydraulic gradient and hydraulic conductivity estimates, the calculated horizontal groundwater velocity is between 150 and 680 ft/year. It is likely that actual velocities are closer to the low end of this range. If

the actual groundwater velocity was 200 ft/year, than it would take approximately 4 years for groundwater to travel from the location of SWMU S-12b (the source area) to downgradient well AGW066 (distance of about 825 ft) located along the northern boundary of Area 1. Since the initial donor injection was completed in July 2004, a resultant change in VOC concentrations at downgradient wells along the property boundary (i.e., AGW031, AGW066, AGW067, AGW125) should be evident sometime in 2008 or soon afterwards.

3.0 SHALLOW ZONE WATER QUALITY

The effectiveness of the IRA has been evaluated based on various parameters. These parameters include total organic carbon (TOC) and aquifer oxidation reduction (redox) (collectively referred to as conventional); bacteria levels; and VOC concentrations. The majority of wells used to evaluate the IRA are screened in the shallow zone where the highest concentrations of VOCs were detected and the majority of electron donor amendment was injected. Cumulative conventional parameter data is presented in Appendix B; a summary of data is shown in Table B-1. Cumulative shallow zone VOC data is presented in Appendix C.

3.1 CONVENTIONAL PARAMETERS

Injection of the electron donor amendment resulted in high concentrations of TOC and development of the highly reducing anaerobic aquifer conditions required for complete reductive dechlorination of TCE to non-toxic end products. Highly reduced aquifer conditions were demonstrated by low to nondetect sulfate concentrations (sulfate-reducing conditions) and high dissolved methane concentrations (methanogenic concentrations) (Landau Associates 2005a). These effects were observed directly after each donor injection in the source zone wells, and to a lesser degree at downgradient wells.

3.1.1 TOTAL ORGANIC CARBON

Dissolved TOC concentrations are an indication of donor amendment present in the aquifer. Electron donor is used by aquifer bacteria to respire electron acceptors, including natural acceptors [e.g., oxygen, nitrate, manganese (IV), iron (III), sulfate, and carbon dioxide] and contaminant acceptors (e.g., TCE and breakdown products cDCE and VC). Prior to donor injection, baseline TOC concentrations were typically less than 2 mg/L. After each donor injection, TOC concentrations spiked in the range of 200 to 1,000 mg/L at source area wells and then declined. Currently, over 2 years after the third donor injection, TOC concentrations are close to background at source area wells AGW106 and AGW110, but remain elevated at source area well AGW002 (64 mg/L). TOC concentrations at downgradient wells do not appear to be significantly affected by donor injections. TOC concentrations at select source area and downgradient wells are shown on Figure 3-1.

3.1.2 AQUIFER REDOX CONDITIONS

For reductive dechlorination to be effective, aquifer conditions must be anaerobic and reducing. Measures of aquifer redox conditions include dissolved oxygen (DO), oxygen-reduction potential (ORP),

iron (II) (Fe+2), sulfate, and methane. When oxygen is depleted in an aquifer, bacteria sequentially use the less oxidized electron acceptors in sequential order: nitrate, manganese (IV), iron (III), sulfate, and carbon dioxide. Resulting increases in Fe+2, decreases in sulfate, and/or increases in methane are generally considered the most reliable indicators of reduced redox conditions. TCE and breakdown products present in the aquifer also constitute electron acceptors and degrade under different redox conditions. Because it is relatively oxidized, TCE is reduced to cis-1,2-DCE under mildly reducing (iron-reducing) conditions (Chapelle 1996). However, complete reductive dechlorination of TCE through breakdown products cis-1,2-DCE and vinyl chloride requires more highly reduced aquifer conditions. Cis-1,2-DCE is reduced under sulfate-reducing to methanogenic (i.e., carbon dioxide–reducing, methane producing) conditions (Chapelle 1996; Vogel et. al. 1987) and vinyl chloride is reduced under methanogenic conditions (Ballapragada et. al. 1997; Vogel and McCarthy 1985).

Prior to the first donor injection (i.e., baseline), the aquifer was aerobic and was not amenable for complete reductive dechlorination of TCE. Fe+2 concentrations were below detection limits indicating that reduction of iron (III) to Fe+2 was not occurring. Sulfate concentrations ranged between about 20 mg/L and 50 mg/L, indicating a lack of sulfate reduction. Methane concentrations measured at a limited number of wells were low to non-detect, indicating the absence of methanogenesis.

After the first donor injection in July 2004, highly reduced aquifer redox conditions were observed in source area wells (e.g., AGW002, AGW106 and AGW110). Fe+2 concentrations increased to a range of 3 to 10 mg/L. Sulfate concentrations decreased to less than 1 mg/L. Methane concentrations increased into the thousands of part per billion, with a maximum detection of 15,200 µg/L. These highly reduced conditions persisted until approximately 6 to 8 months after the third donor injection in October 2005.

In the more than 2 years following the third donor injection, aquifer conditions have progressively become less reducing as donor amendment is consumed by biological activity. Current conditions are iron- to sulfate-reducing based on Fe+2 concentrations in the range of 3 to 10 mg/L and sulfate concentrations that have rebounded somewhat, but remain below pre-remediation levels. Methane concentrations have decreased but remain high compared to baseline; however, given the moderate rebound in sulfate concentrations and the overall decrease in methane concentrations, it is unlikely that methanogenic conditions are still prevalent in the source area. It is common for dissolved methane to persist after methanogenic conditions have dissipated and the current methane concentrations appear to be the result of previous, not current, methanogenesis. The current iron- to sulfate-reducing conditions are adequately reducing for reductive dechlorination of TCE to cis-1,2-DCE, but formation of additional vinyl chloride from cis-1,2-DCE is unlikely. Methane and sulfate concentrations at select source area wells are shown on Figures 3-2 and Figure 3-3, respectively.

When source area wells were reinstalled in September 2006, sulfate concentrations recovered somewhat, possibly due to introduction of oxygen during drilling, but have, more recently declined to between about 1 and 3 mg/L at these wells. Sulfate concentration variation over time at source/injection area wells AGW106 and AGW110 are shown on Figure 3-3. DO, ORP and iron II concentrations are presented in Appendix B.

At wells approximately 150 to 200 ft north of the source/injection area (e.g., AGW053 and AGW112), the impact of donor injection on redox conditions was limited. Sulfate concentrations briefly decreased at AGW112 from about 25 mg/L to 4.4 mg/L after the first injection, but have since recovered to background levels. At AGW053, sulfate concentrations declined from about 25 mg/L to about 16 mg/L before rebounding. Further downgradient, at well AGW066, there is no evidence of a decline in sulfate concentrations. Iron II concentrations are generally low (less than 1.0 mg/L) at downgradient wells though are slightly higher at AGW125. DO and ORP measurements at downgradient wells are variable in the transitional to aerobic range. These data indicate that redox conditions downgradient of the source area may have been adequate to facilitate partial reductive dechlorination, but that current conditions are not adequate to facilitate breakdown of TCE. Sulfate concentration variation over time at select downgradient wells are shown on Figure 3-3.

Dissolved methane concentrations at downgradient wells increased as a result of donor injections and are still well above background; however, the increase in methane is due to migration of methane in groundwater and the vadose zone from the source area, not generation of methane in the vicinity of these downgradient wells. Methane concentrations at select downgradient wells are shown on Figure 3-2.

3.2 BACTERIA

Bacteria samples have been collected at two source area wells (AGW106 and AGW110) and one downgradient well (AGW112) to verify that bacteria populations are adequate to facilitate reductive dechlorination. These data indicate adequate populations of total bacteria and dehaloccoides bacteria in the subsurface. Dehaloccoides are necessary to facilitate the reductive dechlorination from cis-1,2-DCE to vinyl chloride. A summary of dehaloccoides data is presented on Figure 3-4. Additional bacteria data is presented in Table B-2.

3.3 VOLATILE ORGANIC COMPOUNDS

Shallow zone concentrations of TCE, cis-1,2-DCE, and vinyl chloride were reviewed to evaluate the effectiveness of the IRA. A complete data summary of these VOCs is presented in Appendix C.

3.3.1 TCE

A dissolved TCE plume was present in Area 1. Dissolved TCE concentrations were detected at the highest concentrations in the vicinity of the source area and decreased downgradient to the north and northwest. The highest TCE concentration was 1,433 µg/L at well AGW002 in 1994, though high concentrations (i.e., greater than 100 µg/L) were also detected at nearby monitoring locations AGW106, IW5(S), and ASB0134. A summary of maximum TCE concentrations detected in the vicinity of Area 1 is shown on Figure 3-5. Source area concentrations are shown in detail on Figure 3-6. Figure 3-6 includes groundwater sample data from soil borings (i.e., ASB designated monitoring locations). Soil boring data is omitted from the larger Area 1 figures for clarity.

Maximum TCE concentrations occurred prior to the initial donor injection in July 2004 (see Figures 3-5 and 3-6). Application of donor caused a dramatic decrease in source area TCE concentrations directly after the first injection in October 2004 to 1 µg/L or less. Concentrations are currently less than 0.5 µg/L in source area wells (AGW002, AGW106 and AGW110) almost 4 years after the first injection and 2.5 years after the final injection in October 2005. Based on data trends at source area wells, there does not appear to be evidence of TCE rebound. A summary of December 2007 TCE concentrations in the vicinity of Area 1 is shown on Figure 3-7. A time series plot of TCE concentrations at source area wells AGW106 and AGW110 is shown on Figure 3-8.

At wells immediately downgradient of the source area [AGW006 (about 250 ft downgradient), AGW053 and AGW112 (150 to 200 ft downgradient)], TCE concentrations have declined and the decline appears to be associated at least partially to donor injection. At wells further downgradient (AGW031, AGW066, AGW067, and AGW125), concentrations have also declined, but only slightly. Consequently, the highest Area 1 TCE concentrations now occur at downgradient wells directly north of the source area. At these wells, AGW066, AGW067, and AGW125, the decrease in TCE concentration is consistent with long-term trends and not clearly related to donor injection. At well AGW031 (to the northwest of the source area), the decline in concentration has been slightly more pronounced. TCE concentrations in downgradient wells are shown on Figure 3-7 for the December 2007 sampling event. The decline in TCE concentrations at select downgradient wells is shown on Figure 3-8.

TCE was also detected at wells upgradient of the source area at wells AGW001, AGW058, and AGW059. The maximum concentration was detected at AGW058 at 7.7 µg/L in 1996. Concentrations have declined slowly over time at AGW058 and AGW059 and concentrations are currently less than 1.5 µg/L. However, concentrations at AGW001 have remained relatively constant and the most recent concentration in March 2008 (4.9 µg/L) is similar to concentrations detected in 1994 (5.6 and 4.7 µg/L). Time series plots for AGW001, AGW058, and AGW059 are presented in Appendix C.

3.3.2 CIS-1,2-DCE

Cis-1,2-DCE is an intermediate step in reductive dechlorination of TCE to ethene and ethane. Consequently, cis-1,2-DCE concentrations are important in evaluating the IRA. The maximum concentration of cis-1,2-DCE follows a similar trend to TCE; that is, concentrations are highest in the source area and decline downgradient; the highest cis-1,2-DCE concentration was 320 µg/L at IW5(S). However, unlike TCE, maximum cis-1,2-DCE concentrations in and directly downgradient of the source area tended to occur just after the first donor injection in July 2004. Cis-1,2-DCE concentrations subsequently declined after the third injection and are currently below 2 µg/L at all three source area wells that are still monitored. The timing of maximum cis-1,2-DCE concentrations and subsequent decline is consistent with the production of cis-1,2-DCE and then conversion to vinyl chloride due to continued reductive dechlorination.

At wells immediately downgradient of the source area (AGW006, AGW053 and AGW112), cis-1,2-DCE concentrations have been consistently low, but appear to have increased slightly after donor injections (particularly at AGW112) suggesting that the donor amendment has effected wells at these locations. Farther downgradient at wells AGW066, AGW125, and AGW067, the cis-1,2-DCE concentration declines are consistent with long-term trends and do not appear to be affected by the donor amendment. Interestingly, at AGW031, cis-1,2-DCE concentrations have been steadily increasing, potentially indicative of a more pronounced effect associated with TCE reductive dechlorination resulting from donor injections. Currently, the only two Area 1 wells where cis-1,2-DCE exceeds 5 µg/L are wells AGW031 and AGW066. A summary of maximum cis-1,2-DCE concentrations detected in the vicinity of Area 1 is shown on Figure 3-9. A summary of December 2007 cis-1,2-DCE concentrations in the vicinity of Area 1 is shown on Figure 3-10. Cis-1,2-DCE concentrations over time at select source area and downgradient wells are shown on Figure 3-11. A complete data summary of cis-1,2-DCE concentrations are presented in Appendix C.

In contrast to TCE occurrence, cis-1,2-DCE has typically not been detected at upgradient wells AGW001, AGW058, and AGW059. Cis-1,2-DCE concentrations at these wells over time are presented in Appendix C.

3.3.3 VINYL CHLORIDE

Vinyl chloride occurs in groundwater as a result of reductive dechlorination of cis-1,2-DCE. The maximum concentration of vinyl chloride follows a similar trend to TCE and cis-1,2-DCE; that is, concentrations were highest in the source area and decline downgradient; the highest vinyl chloride concentration was 49 µg/L at AGW110. The peak in vinyl chloride concentrations occurred after

observed peaks of TCE and cis-1,2-DCE concentrations, as would be expected as TCE is progressively transformed along the reductive dechlorination pathway (for example see AGW107 and AGW108 VOC plots in Appendix C). In source area wells, vinyl chloride concentrations quickly dissipated as the vinyl chloride was further degraded.[3] Currently, only a few Area 1 wells have detections of vinyl chloride and concentrations are less than 0.3 µg/L. A summary of maximum vinyl chloride concentrations detected in the vicinity of Area 1 is shown on Figure 3-12. A summary of December 2007 vinyl chloride concentrations in the vicinity of Area 1 are shown on Figure 3-13. Vinyl chloride concentrations over time at select source area and downgradient wells are shown on Figure 3-14.

Vinyl chloride created within the source treatment area did not migrate outside of the treatment area as documented by monitoring of downgradient monitoring wells. Ethane and ethene represent non-toxic end products resulting from reductive dechlorination of vinyl chloride. While vinyl chloride concentrations increased initially within the treatment area following donor injection, detections of ethene and ethane were infrequent and were not widespread. It is most likely that vinyl chloride was further degraded through aerobic or anaerobic oxidation, pathways that do not result in formation of ethene or ethane. Aerobic oxidation mineralizes vinyl chloride to carbon dioxide, whereas, anaerobic oxidation converts vinyl chloride first to acetate which is further converted to methane and/or carbon dioxide (Bradley and Chapelle 2000; Bradley and Chapelle 1999a; Bradley and Chapelle 1999b).

[3] Vinyl chloride can be further degraded to ethene and ethane under reducing conditions, converted to acetate through anaerobic oxidation, or degraded through aerobic oxidation at the fringes of the treatment zone where naturally aerobic aquifer conditions are present.

4.0 INTERMEDIATE ZONE WATER QUALITY

Water quality data indicates that the IRA has resulted in reductive dechlorination in the intermediate zone. Intermediate zone VOC data is presented in Appendix D. Limited conventional parameter data is presented in Appendix B.

4.1 CONVENTIONAL PARAMATERS

With the exception of DO and ORP, conventional parameters have not been analyzed in the intermediate zone. The exception is downgradient well AGW126 that was installed as part of Phase III monitoring and has been sampled since April 2007. Sulfate concentrations are slightly lower (i.e., between about 16 and 18 mg/L) than background (about 25 mg/L). Iron II concentrations are slightly elevated (i.e., 2 to 4 mg/L), and methane concentrations are as high as 2,060 µg/L. These data indicate mildly reducing conditions and evidence that impacts of the IRA are likely present near the property boundary in the intermediate zone. A summary of conventional parameter data at AGW126 is presented in Appendix B.

4.2 VOLATILE ORGANIC COMPOUND

VOC concentrations in the intermediate zone follow similar concentration trends observed in the shallow zone, though concentrations are much lower.

4.2.1 TCE

Relatively high TCE concentrations were detected in the source area; at injection well IW5(I) the maximum concentration was 18 µg/L. However, the highest intermediate zone concentration was detected downgradient of the source area at AGW126. At this well, TCE was detected at 21 µg/L in June 2007. TCE was also detected at lower levels (up to 9.9 µg/L) at upgradient wells AGW057 and AGW060. Maximum intermediate zone TCE concentrations are presented on Figure 4-1.

At wells upgradient and downgradient of the source area, TCE concentrations have declined moderately due either to the effect of source area donor injection or natural attenuation processes. Currently, the only well where TCE exceeds 3 µg/L is at AGW126. A summary of December 2007 intermediate zone TCE concentrations in the vicinity of Area 1 are shown on Figure 4-2.[4] Additional intermediate zone VOC data is presented in Appendix D.

[4] Note that there are no intermediate wells in the source area during the December 2007 sampling event.

Implementation of donor injection had an expected impact in the intermediate zone in the source area. At source area wells AGW003 and IW5(I), TCE concentrations increased slightly after donor injection and then declined to around 1 µg/L. Cis-1,2-DCE concentrations also increased noticeably before declining and there was a brief spike in vinyl chloride concentrations. TCE concentrations over time at select source area and downgradient wells are shown on Figure 4-3.

4.2.2 CIS-1,2-DCE

Elevated cis-1,2-DCE concentrations were detected in the source area; at injection well IW5(I) the maximum concentration was 18 µg/L. Maximum concentrations are lower at downgradient wells AGW055 (11 µg/L) and AGW126 (7.7 µg/L). Cis-1,2-DCE was also detected at lower levels (up to 4 µg/L) at upgradient wells AGW057 and AGW060. Maximum intermediate zone cis-1,2-DCE concentrations are presented on Figure 4-4.

At wells upgradient and downgradient of the source area, cis-1,2-DCE concentrations have not declined appreciably over time, though concentrations are slightly less than maximum values. A summary of December 2007 intermediate zone TCE concentrations in the vicinity of Area 1 is shown on Figure 4-5. Concentrations of cis-1,2-DCE in select intermediate wells over time are shown on Figure 4-6. Additional intermediate zone VOC data is presented in Appendix D.

Similar to TCE concentrations, cis-1,2-DCE concentration trends indicated an impact of donor injection at source area wells. At source area wells AGW003 and IW5(I), cis-1,2-DCE concentrations increased appreciably after donor injection and then started to decline through the last sampling event in September 2005 before these wells were abandoned. Cis-1,2-DCE concentration trends at source area wells are shown on Figure 4-6.

4.2.3 VINYL CHLORIDE

Vinyl chloride was detected at three source area monitoring locations [AGW003, IW5(I), and IW31(I)], but concentrations have been very low (less than 0.8 µg/L). Vinyl chloride was also detected at AGW055, approximately 400 ft downgradient of the source area at a maximum concentration of 0.3 µg/L. Maximum vinyl chloride concentrations occurred after the first donor injection in July 2004 and have since declined to non-detect at all wells. The limited occurrence of vinyl chloride was likely related to donor injection based on the location of detections. Maximum intermediate zone vinyl chloride concentrations are presented on Figure 4-7. December 2007 vinyl chloride concentrations are shown on Figure 4-8.

5.0 DEEP ZONE WATER QUALITY

Deep zone groundwater quality does not appear to be impacted by source zone contamination or by the subsequent donor injection. Conventional parameter data has not been collected at deep zone wells with the exception of DO and ORP. These data suggest transitional to aerobic groundwater conditions. Conventional parameter data for the five deep zone wells (AGW008, AGW063, AGW073, AGW098, and AGW099) are presented in Appendix B.

Cis-1,2-DCE and vinyl chloride were not detected in any deep Area 1 wells. TCE has only been detected at two of the five deep zone wells. These two wells (AGW073 and AGW098) are located northwest and downgradient of the source area. The maximum concentration detected at either well did not exceed 1.6 µg/L. Concentrations have declined slightly at AGW073, though it is not apparent whether this decline is due to natural attenuation or donor injections. TCE concentrations at nearby well AGW099 have not declined appreciably. A summary of maximum TCE concentrations detected in the vicinity of Area 1 is shown on Figure 5-1. A summary of December 2007 TCE concentrations in the vicinity of Area 1 are shown on Figure 5-2. TCE concentrations over time at wells AGW073 and AGW099 are shown on Figure 5-3. Additional deep zone VOC data is presented in Appendix E.

6.0 CONCLUSIONS AND RECOMMENDATIONS

IRA donor injections were administered three times between July 2004 and October 2005 in the Area 1 TCE source area at SWMU S-12b and AOC A-08. The donor injections created sulfate reducing and methanogenic conditions in the shallow zone that likely extended into the intermediate zone. The highly reducing conditions in the shallow zone have moderated somewhat, but still appear to be in the iron- to sulfate-reducing range in the direct vicinity of SWMU S-12b monitoring locations.

In the vicinity of the source area, the combination of donor and highly reducing conditions facilitated reductive dechlorination of TCE through cis-1,2-DCE and vinyl chloride and ultimately to carbon dioxide. The effects of source remediation appear to be evident to some degree in wells within about 150 to 400 ft downgradient of the source area in the shallow and intermediate zone. VOC concentrations in wells farther downgradient and directly north of the source area (i.e., AGW066, AGW067, AGW125, and AGW126) do not show a decline that can be definitively attributed to the remedy implementation.

The lack of an impact at downgradient wells to the north of the source area may be due to a number of factors related to aquifer heterogeneity, groundwater flow direction, and groundwater velocity. However, based on groundwater velocity estimates, it is expected that effects of the remedy should be apparent at these wells within the next couple of sampling events.

There is no evidence of significant rebound of VOC concentrations in the source area. VOC concentrations are still very low or non-detect in the three Phase III source area wells, while TOC concentrations in these wells are now close to background levels. However, since shallow zone conditions in the vicinity of the source area are still moderately reducing, additional data is likely warranted to assess rebound as naturally aerobic aquifer conditions continue to be reestablished.

While the IRA has been effective in reducing VOC concentrations to near background levels at the source area, additional monitoring is required to further evaluate the potential for rebound and to evaluate downgradient impacts. Consequently, we recommend continuing the Phase III interim action monitoring program with the following modifications:

- Semi-annual instead of quarterly monitoring beginning with the July 2008 sampling event.
- Elimination of bacteria analysis; current sampling has demonstrated adequate bacteria populations; anaerobic bacteria will continue to decline as natural aquifer conditions are re-established.
- Elimination of ethane and ethene analysis; these constituents have consistently been at very low concentrations or not detected.

7.0 USE OF REPORT

This report has been prepared for the exclusive use of the Boeing Company to submit to the Washington Department of Ecology for specific application to Area 1 at the Auburn fabrication facility. No other parties are entitled to rely on the information, conclusions, and recommendations included in this document without the express written consent of Landau Associates. Further, the reuse of information, conclusions, and recommendations provided herein for extensions of the project or for any other project, without review and authorization by Landau Associates, shall be at the user's sole risk. Landau Associates warrants that within the limitations of scope, schedule, and budget, our services have been provided in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions as this project. We make no other warranty, either express or implied.

This document has been prepared under the supervision and direction of the following key staff.

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Principal

EFW/tam

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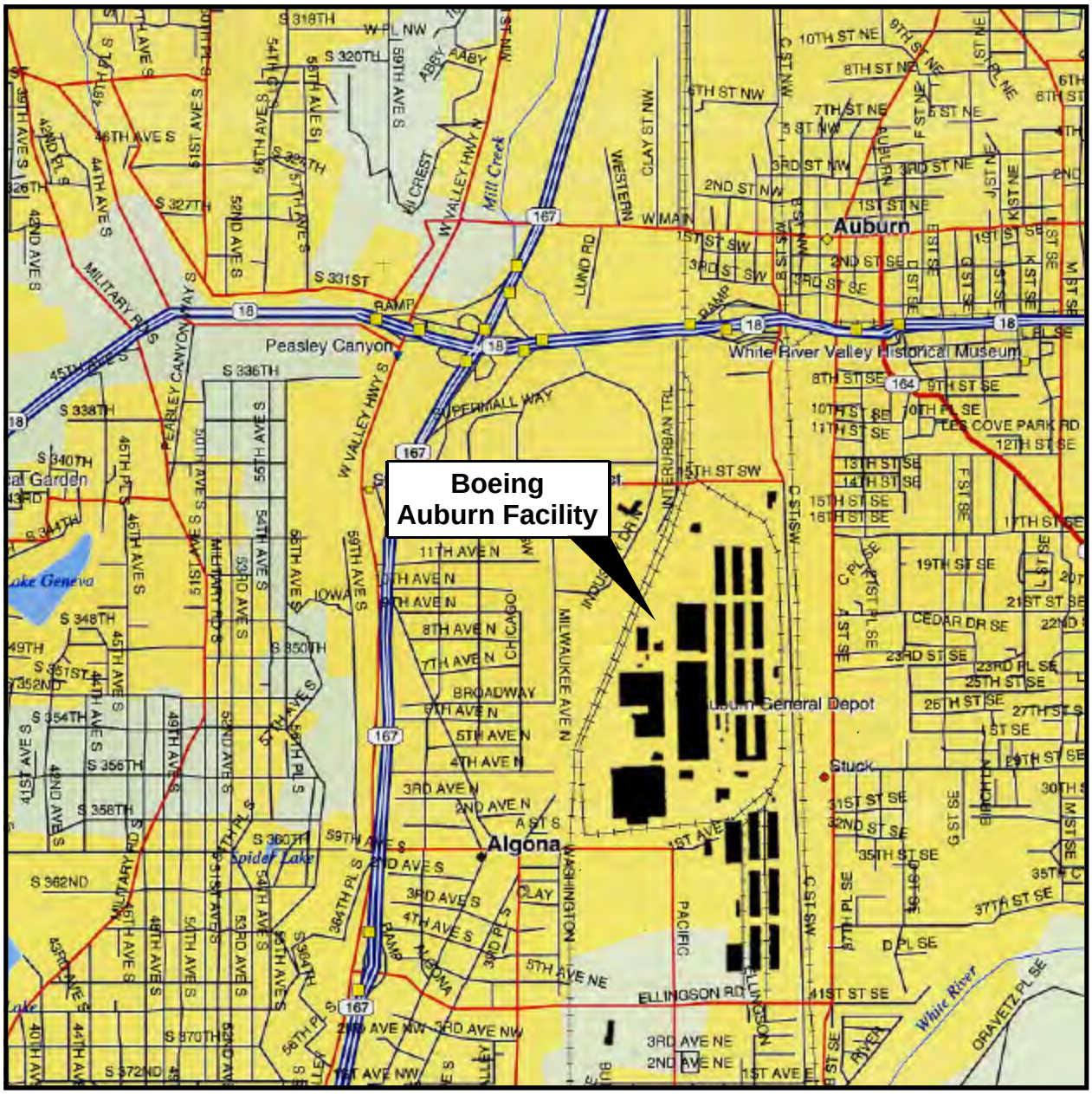


Map from DeLorme Street Atlas 2000

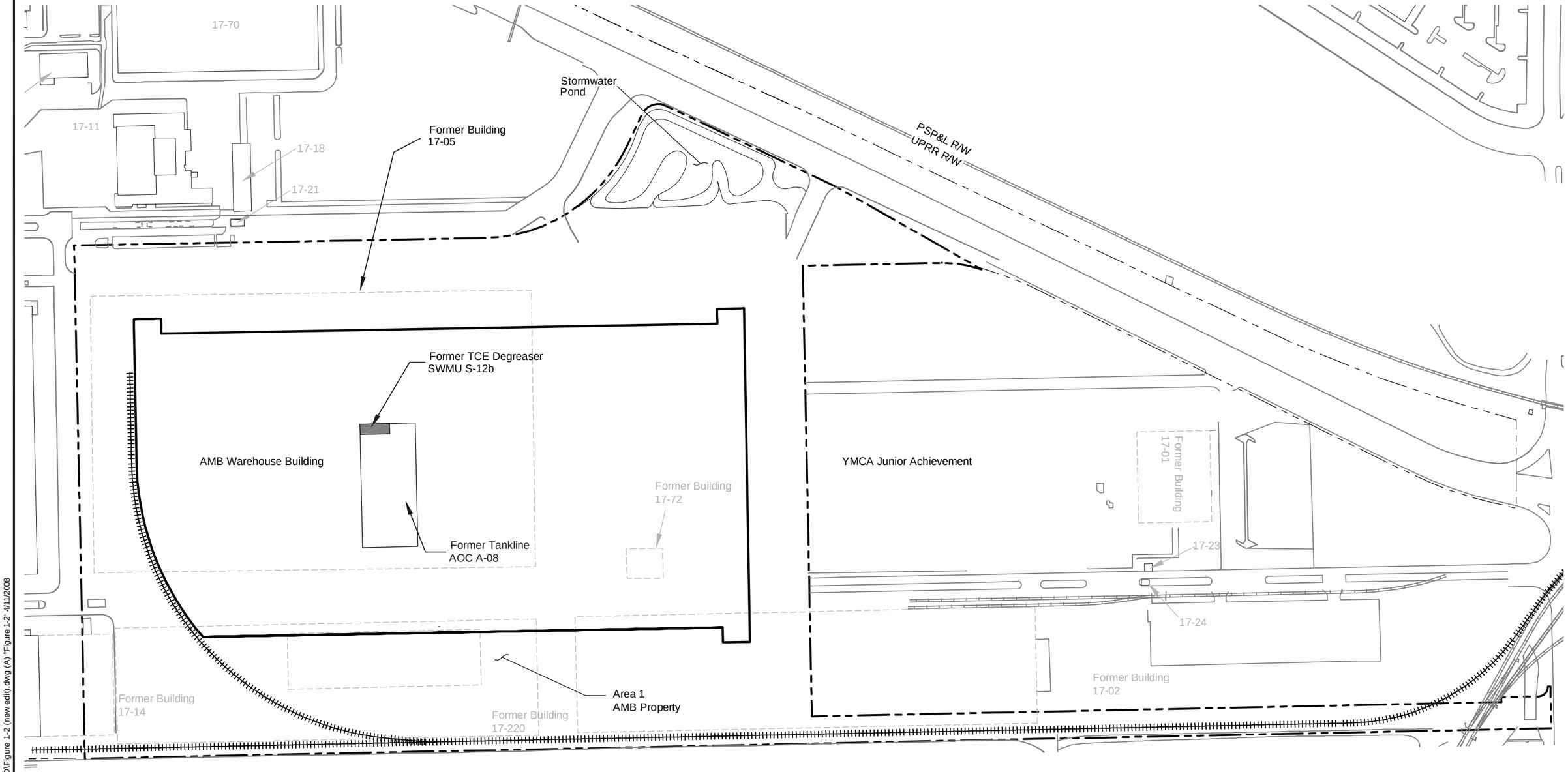
Not To Scale

N

Boeing Auburn Area 1 Auburn, Washington	**Vicinity Map**	Figure 1

LANDAU ASSOCIATES

Boeing/IA Work Plan | T:\025\169\012\IA Work Plan\Fig1.cdr (C) 3/29/2004



Legend

17-68 Boeing Building and Number

Property Boundary

N

0 200 400

Scale in Feet

Base map source: Geometrix 2003

Boeing\Report | V:\025\169\030\CADD\Figure 1-2 (new edit).dwg (A) "Figure 1-2" 4/11/2008

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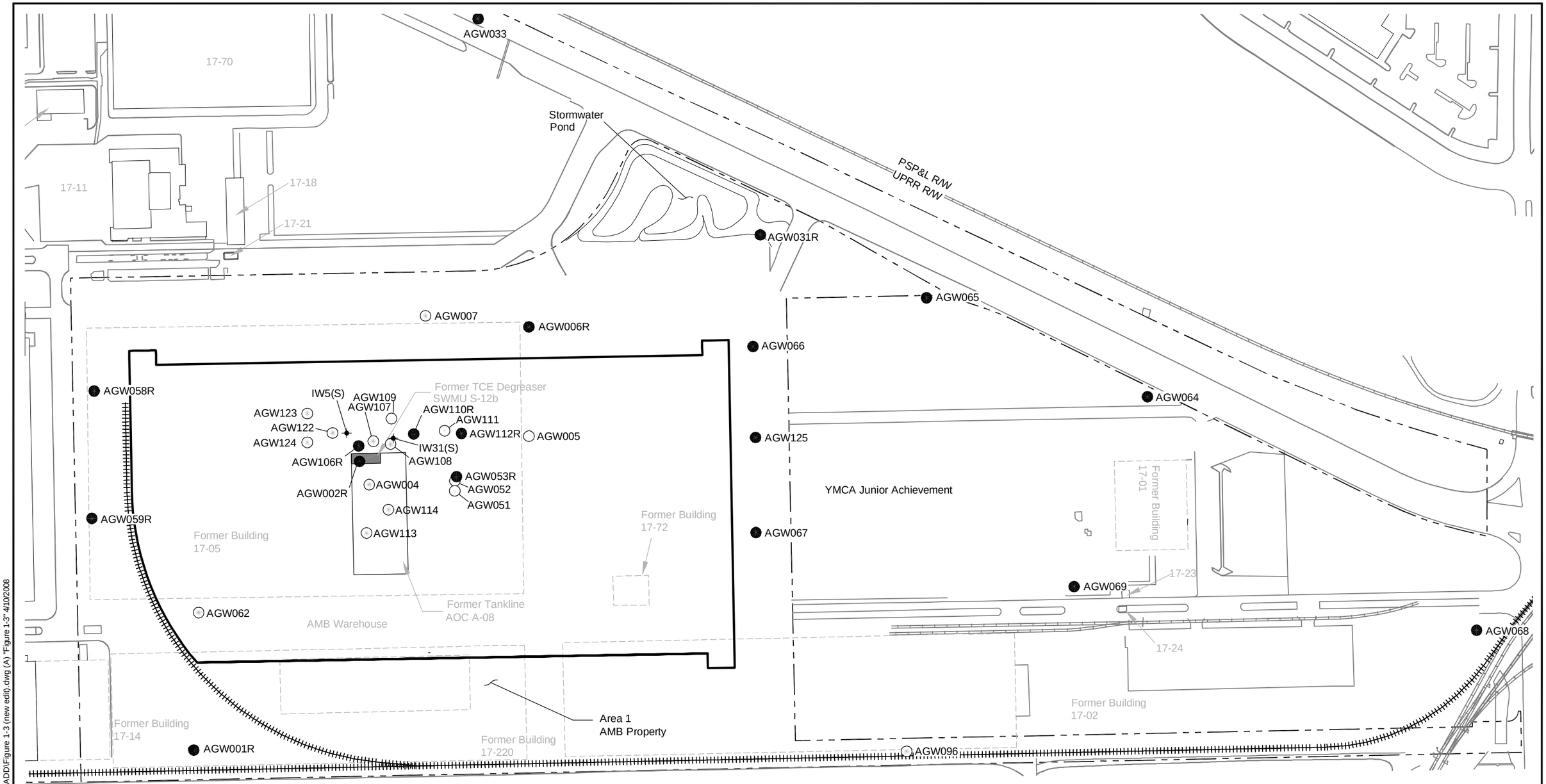
Boeing Auburn Area 1 IRA Auburn, Washington	**Site Plan**	Figure **1-2**



Notes

1. Intermediate and deep wells are not shown.

Legend

- AGW062 — Current Monitoring Well, Shallow Zone (10 to 30 ft BGS) unless otherwise indicated
- AGW001R — Abandoned Monitoring Well, Shallow Zone (10 to 30 ft BGS) unless otherwise indicated
- IW5(S) — Injection Well
- 17-68 — Boeing Building and Number
- Property Boundary

N

0 200 400

Scale in Feet

Base map source: Geometrix 2003

Boeing\Report | V:\025\1691030\CADD\Figure 1-3 (new edit).dwg (A) "Figure 1-3" 4/10/2008

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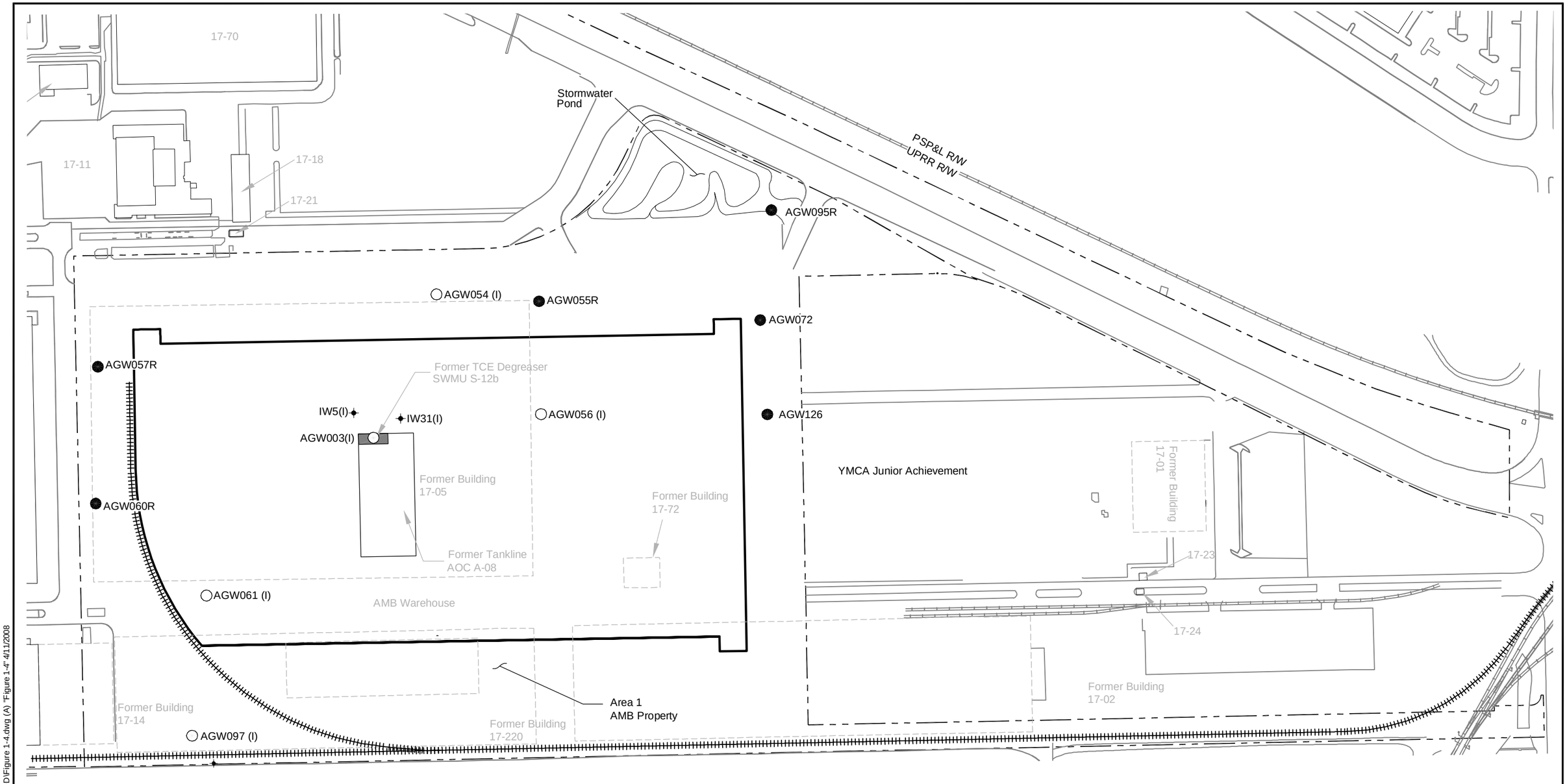
Boeing Auburn Area 1 IRA Auburn, Washington	**Site and Exploration Plan Shallow Wells**	Figure **1-3**



Legend

AGW060R — Current Monitoring Well, Intermediate Zone (40 to 60 ft BGS) unless otherwise indicated

AGW097 (I) — Abandoned Monitoring Well, Intermediate Zone (40 to 60 ft BGS) unless otherwise indicated

IW5 (I) — Injection Well

17-68 — Boeing Building and Number

Property Boundary

Notes

1. Shallow and deep wells are not shown.

N

0 200 400

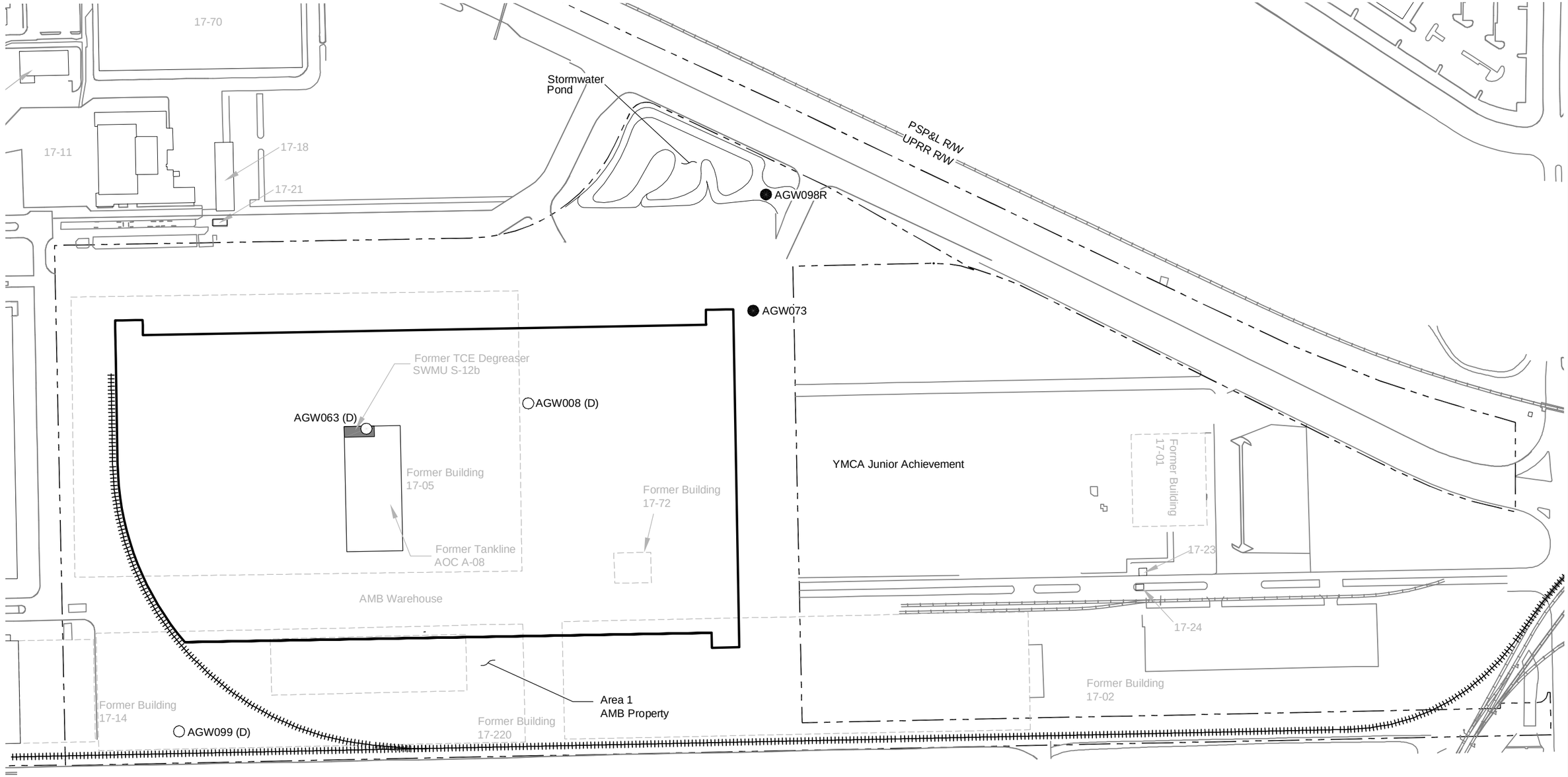
Scale in Feet

Base map source: Geometrix 2003

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Site and Exploration Plan Intermediate Wells**	Figure **1-4**

Boeing\Report | V:\025\169\030\CADD\Figure 1-4.dwg (A) "Figure 1-4" 4/11/2008



Legend

- AGW098R ● Current Monitoring Well, Deep Zone (60 to 110 ft BGS) unless otherwise indicated
- AGW099 (D) ○ Abandoned Monitoring Well, Deep Zone (60 to 110 ft BGS) unless otherwise indicated
- 17-68 Boeing Building and Number
- Property Boundary

Notes

1. Shallow and intermediate wells are not shown.

N

0 200 400

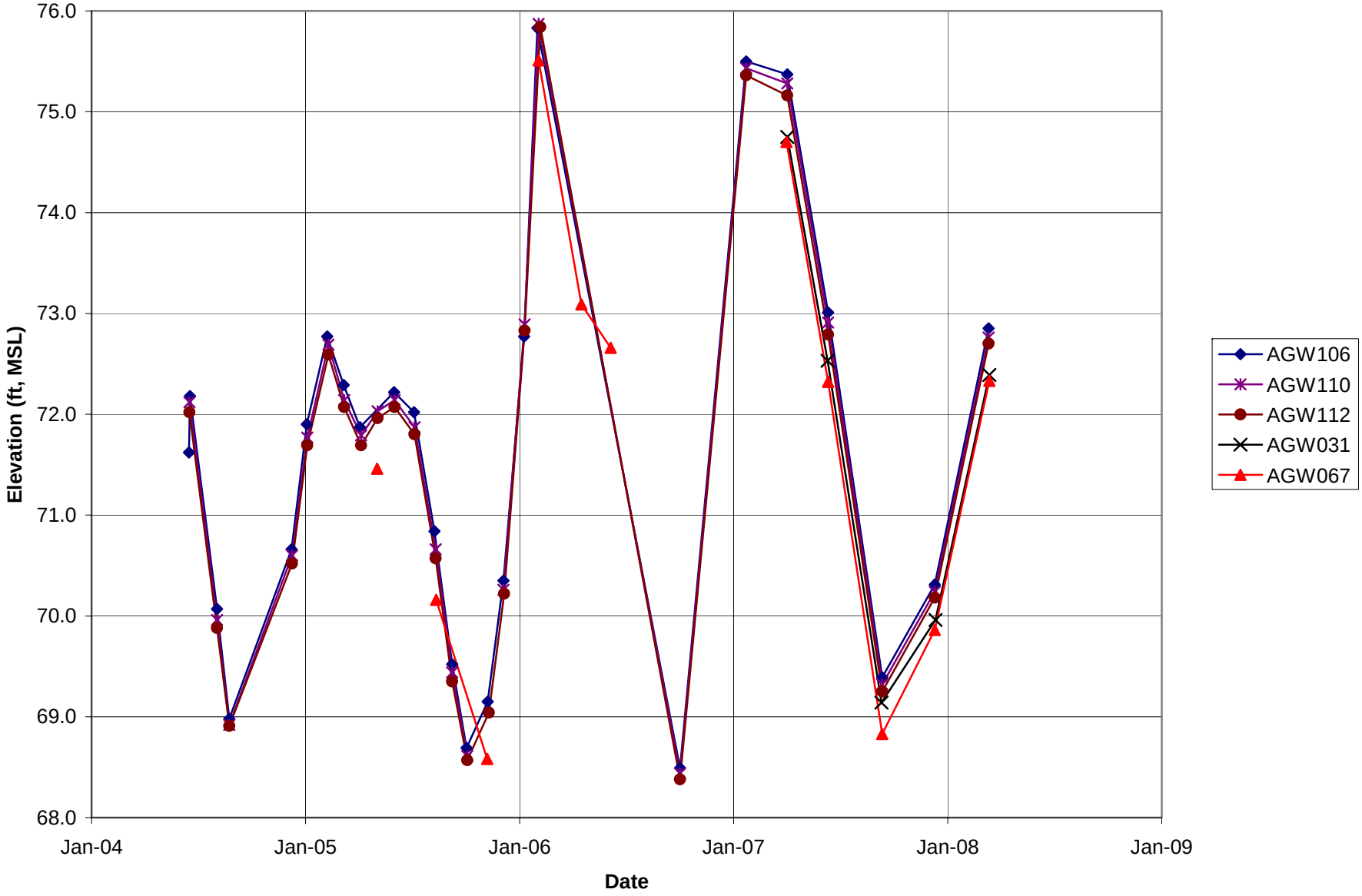
Scale in Feet

Base map source: Geometrix 2003

Boeing Auburn Area 1 IRA Auburn, Washington	**Site and Exploration Plan Deep Wells**	Figure **1-5**

LANDAU ASSOCIATES

Boeing\Report | V:\025\169\030\CADD\Figure 1-5 (new edit).dwg (A) "Figure 1-5" 4/10/2008



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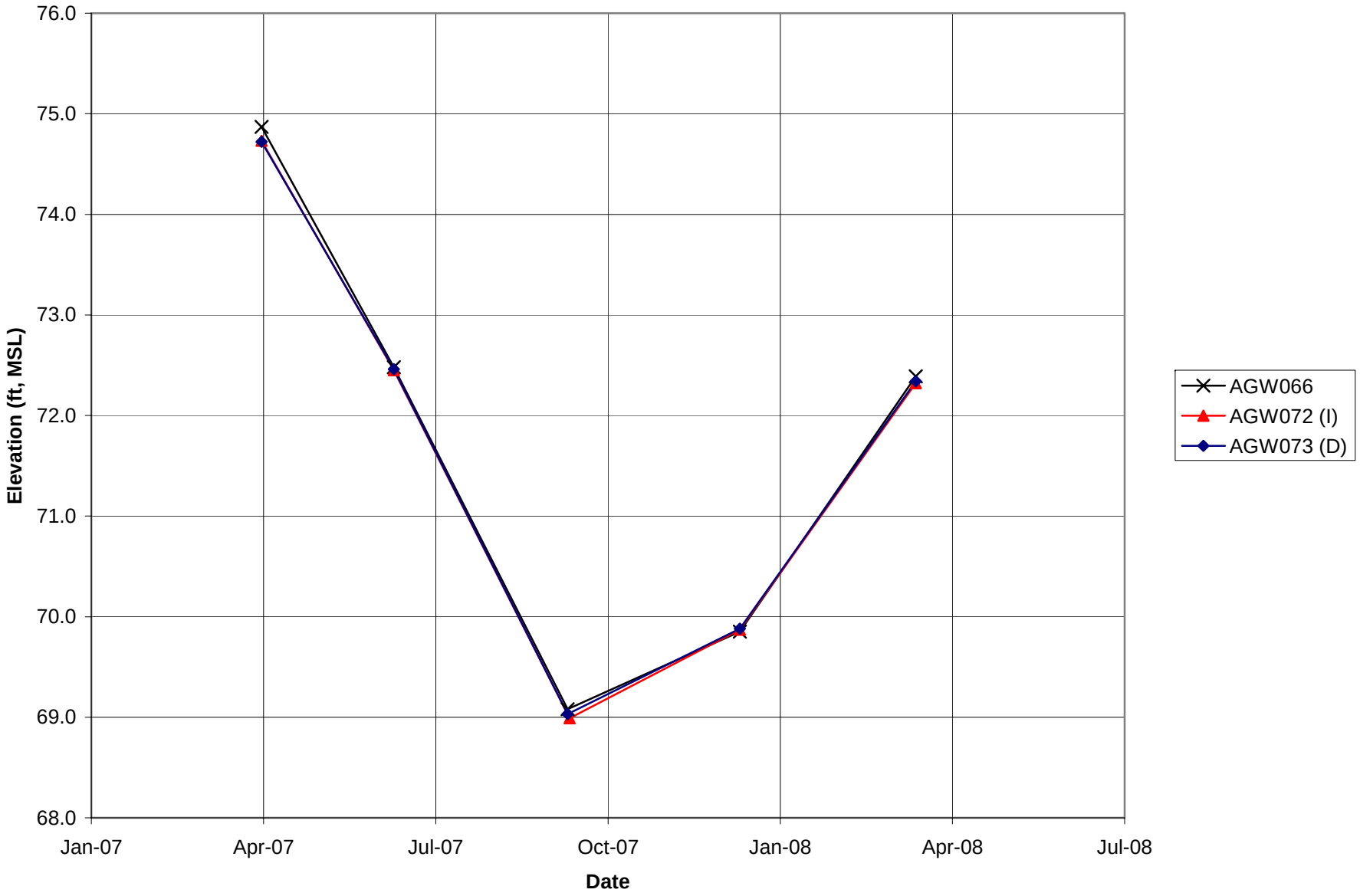
Boeing Auburn Area 1
Auburn, Washington

Area 1 Shallow Groundwater Levels

Figure
2-1



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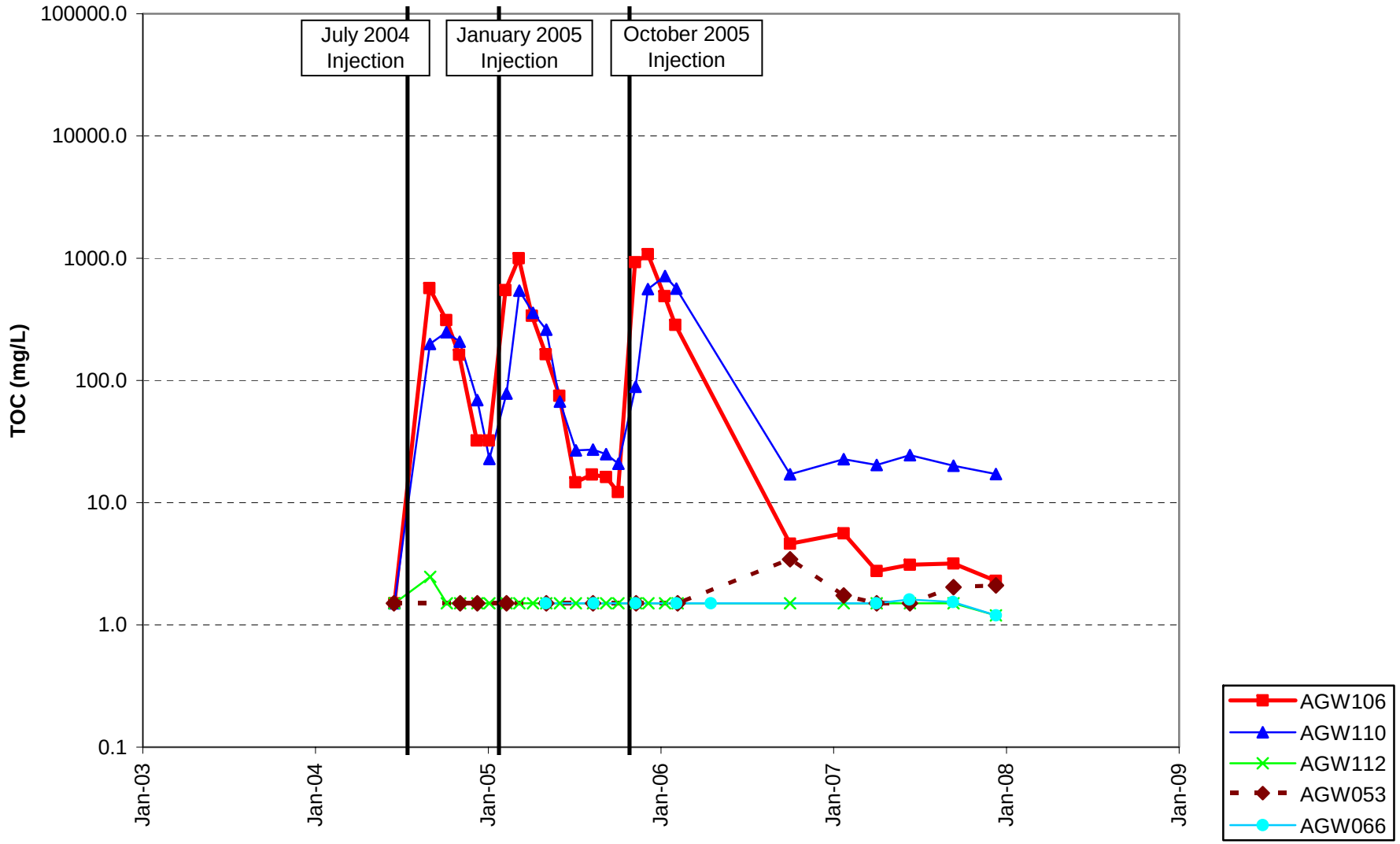
Boeing Auburn Area 1
Auburn, Washington

Area 1 Shallow, Intermediate, and Deep Groundwater Levels

Figure
2-2



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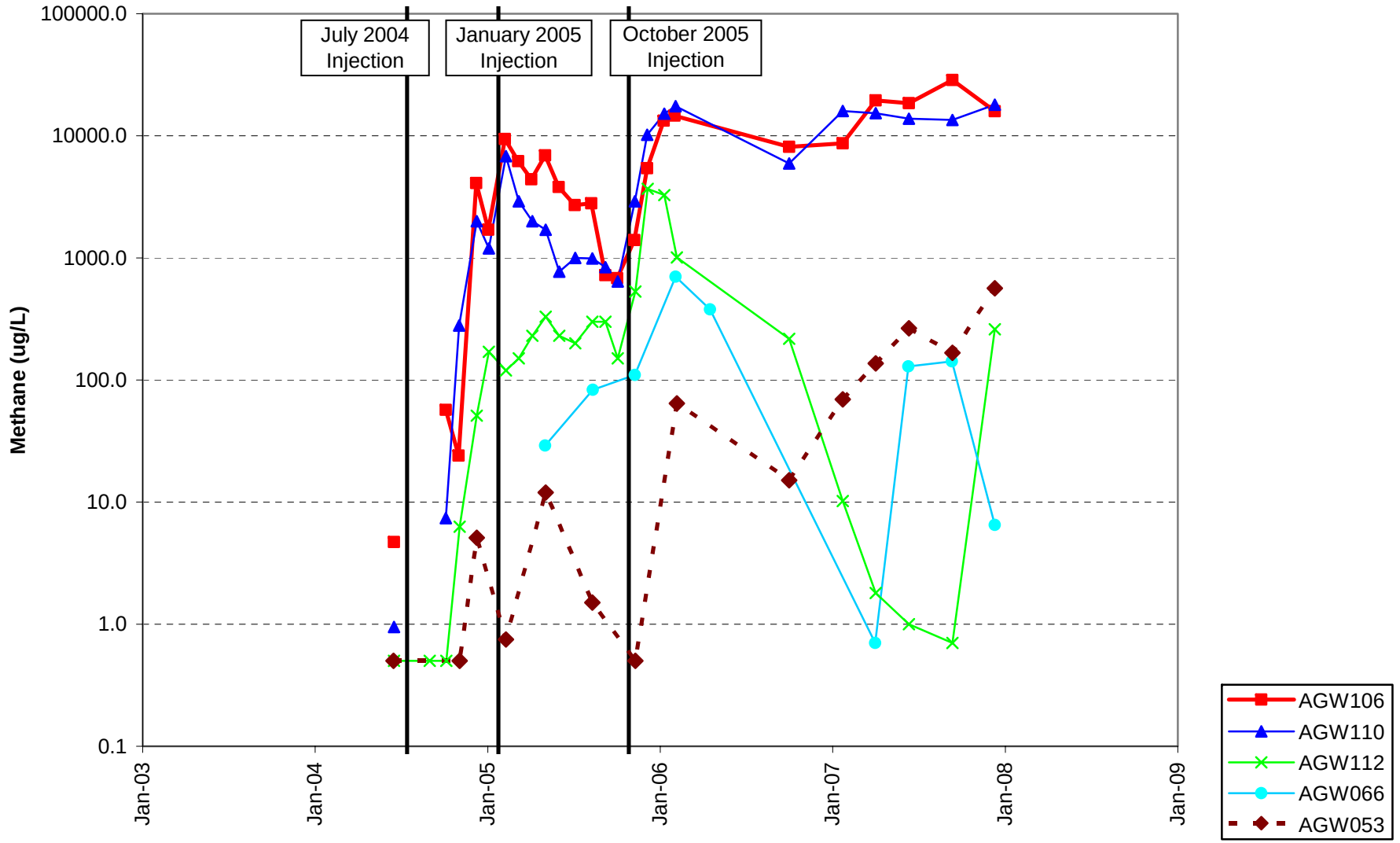
Boeing Auburn Area 1
Auburn, Washington

Area 1 Shallow Zone
TOC Concentrations

Figure
3-1



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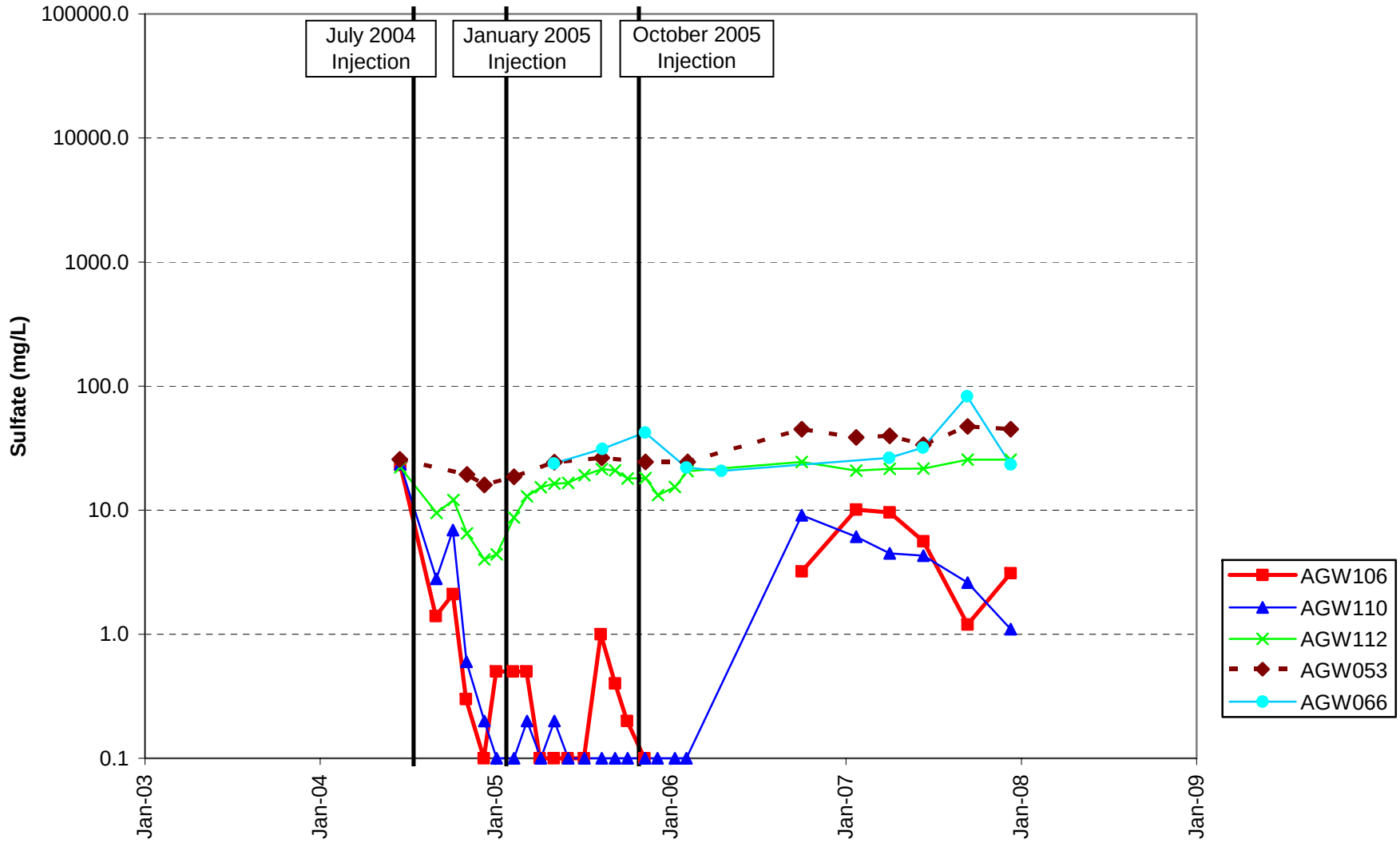
Boeing Auburn Area 1
Auburn, Washington

Area 1 Shallow Zone Methane Concentrations

Figure
3-2



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Boeing Auburn Area 1
Auburn, Washington

Area 1 Shallow Zone Sulfate Concentrations

Figure
3-3

Note: Non-detects are plotted as zero.

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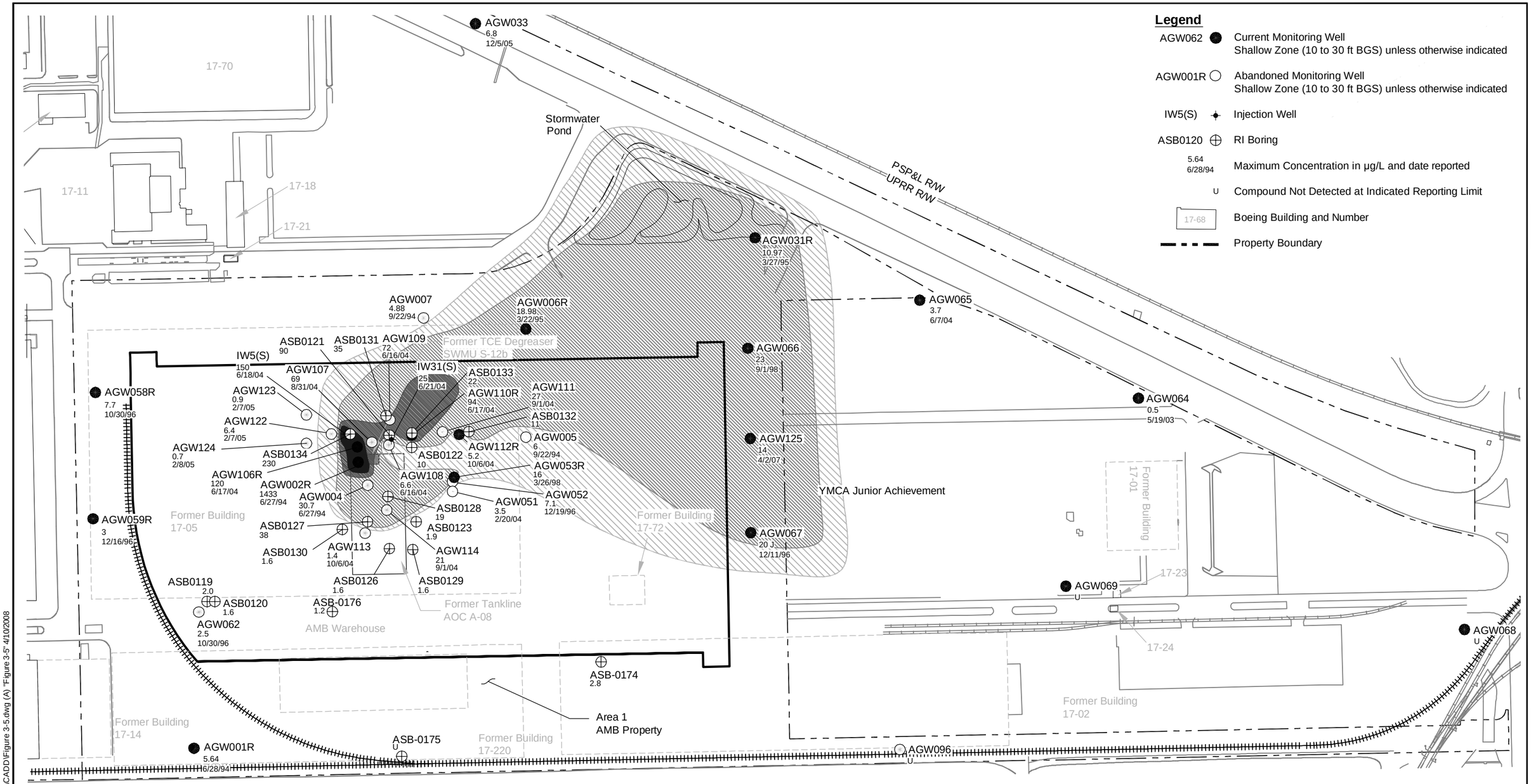
Boeing Auburn Area 1
Auburn, Washington

Area 1 Shallow Zone Dehaloccoides Bacteria

Figure 3-4



Concentrations Key

- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Intermediate and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.
3. ASB Well TCE Concentrations were collected at the time of drilling.

N

0 200 400

Scale in Feet

Base map source: Geometrix 2003

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Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Shallow Zone Maximum TCE Concentrations**	Figure **3-5**

Boeing\Report | V:\025\1691030\CADD\Figure 3-5.dwg (A) "Figure 3-5" 4/10/2008

Legend

AGW062 ● Current Monitoring Well
Shallow Zone (10 to 30 ft BGS) unless otherwise indicated

AGW001R ○ Abandoned Monitoring Well
Shallow Zone (10 to 30 ft BGS) unless otherwise indicated

IW5(S) ✦ Injection Well

ASB0120 ⊕ RI Boring

5.64
6/28/94 Maximum Concentration in ug/L and date reported

U Compound Not Detected at Indicated Reporting Limit

17-68 Boeing Building and Number

Property Boundary

Concentrations greater than or equal to 100

Concentrations between 50 and 99

Concentration between 10 and 49

Concentrations between 5 and 9

Notes

1. Intermediate and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.
3. ASB Well TCE Concentrations were collected at the time of drilling.

N

0 100 200

Scale in Feet

AGW007
4.88
9/22/94

AGW006R
18.98
3/22/95

AGW066
23
9/1/98

Former TCE Degreaser
SWMU S-12b

AGW109
72
6/16/04

ASB0131
35

ASB0121
90

AGW123
0.9
2/7/05

IW5(S)
150
6/18/04

AGW107
69
8/31/04

IW31(S)
25
6/21/04

ASB0133
22

AGW111
27
9/1/04

AGW122
6.4
2/7/05

ASB0134
230

AGW110R
94
6/17/04

ASB0132
11

AGW112R
5.2
10/6/04

AGW124
0.7
2/8/05

AGW108
6.6
6/16/04

ASB0122
10

AGW005
6
9/22/94

AGW125
14
4/2/07

AGW106R
120
6/17/04

AGW002R
1433
6/27/94

AGW053R
16
3/26/98

AGW052
7.1
12/19/96

AGW004
30.7
6/27/94

AGW051
3.5
2/20/04

ASB0128
19

AGW114
21
9/1/04

ASB0127
38

ASB0123
1.9

ASB0130
1.6

AGW113
1.4
10/6/04

ASB0126
1.6

ASB0129
1.6

AGW067
20 J
12/11/96

Former Building 17-05

Former Building 17-72

Former Tankline

AOC A-08

AMB Warehouse

ASB0119
2.0

ASB0120
1.6

AGW062
2.5
10/30/96

ASB-0176
1.2

Area 1
AMB Property

ASB-0174
2.8

ASB-0175
1 u

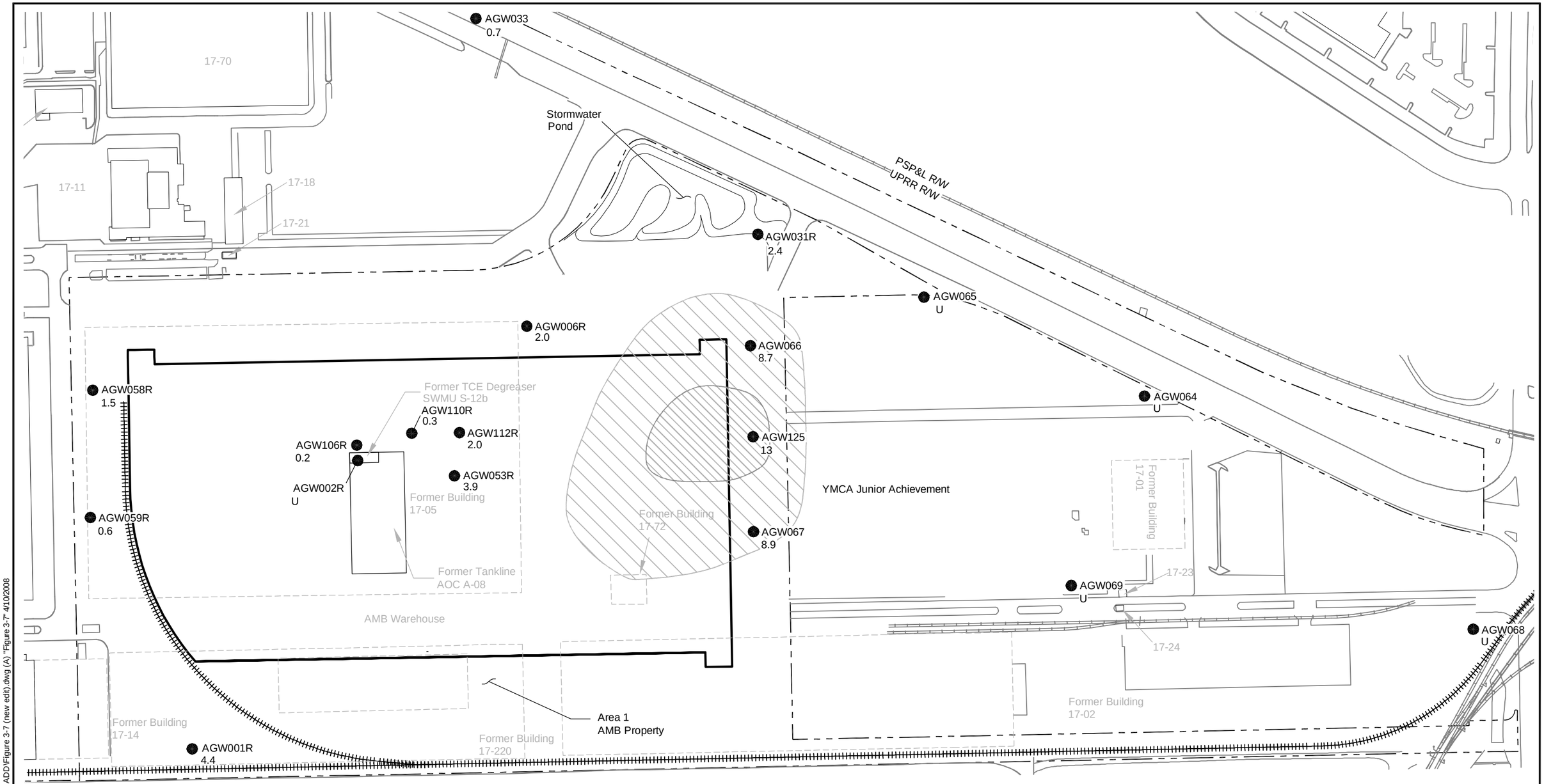
Former Building 17-220

Base map source: Geometrix 2003

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 - Source Area Shallow Zone Maximum TCE Concentrations**	Figure **3-6**

LANDAU ASSOCIATES

Boeing\Report | V:\025\169\030\CADD\Figure 3-6 - (new edit).dwg (A) "Figure 3-6" 4/11/2008



Legend

- AGW041 ● Monitoring Well, Shallow Zone (10 to 30 ft BGS) unless otherwise indicated
- 1.0 Concentrations in µg/L
- U Compound Not Detected at the Indicated Reporting Limit
- 17-68 Boeing Building and Number
- Property Boundary
- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Intermediate and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.

Base map source: Geometrix 2003

N

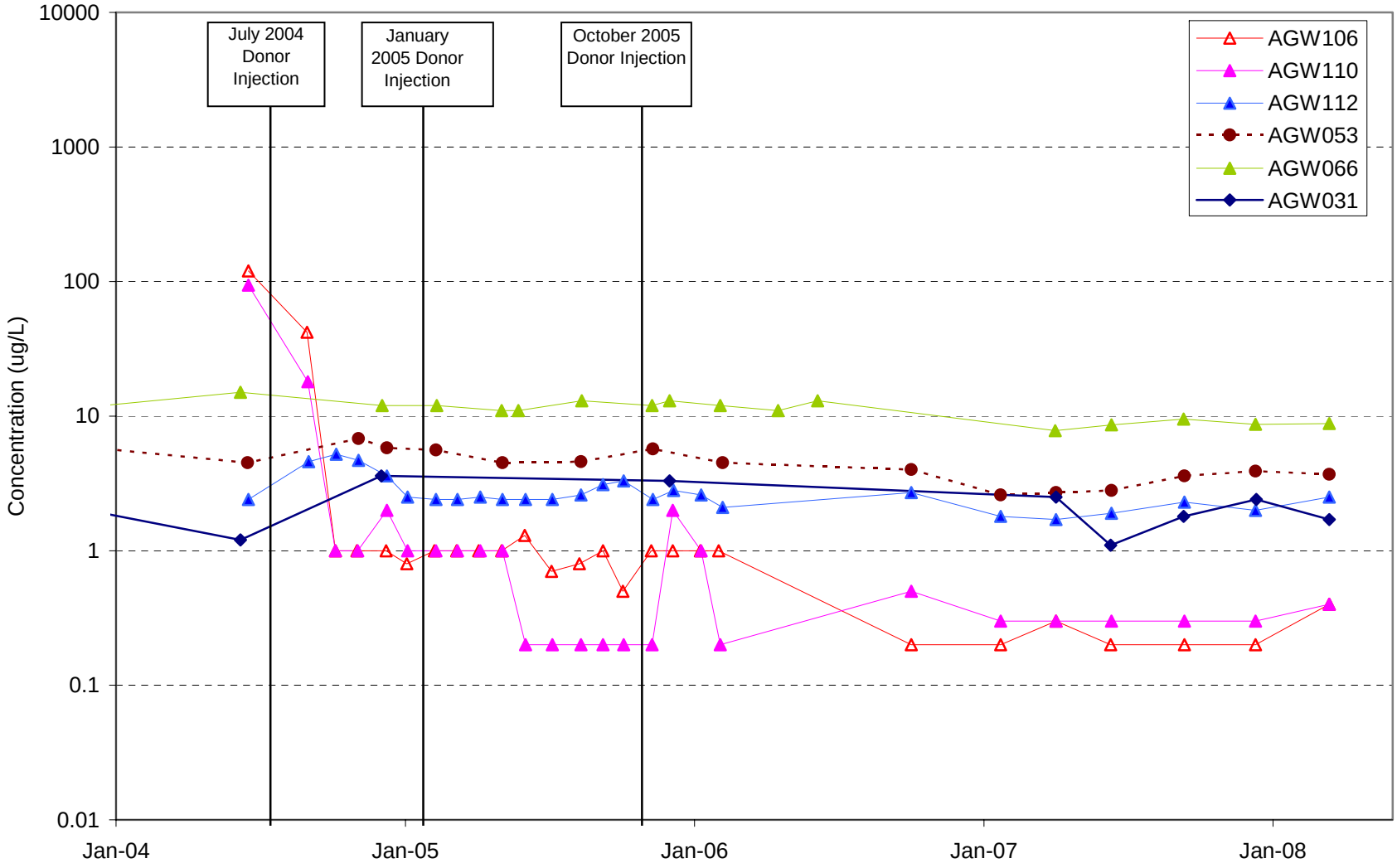
0 200 400

Scale in Feet

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Shallow Zone December 2007 TCE Concentrations**	Figure **3-7**

Boeing\Report | V:\0251\169\030\CADD\Figure 3-7 (new edit).dwg (A) "Figure 3-7" 4/10/2008



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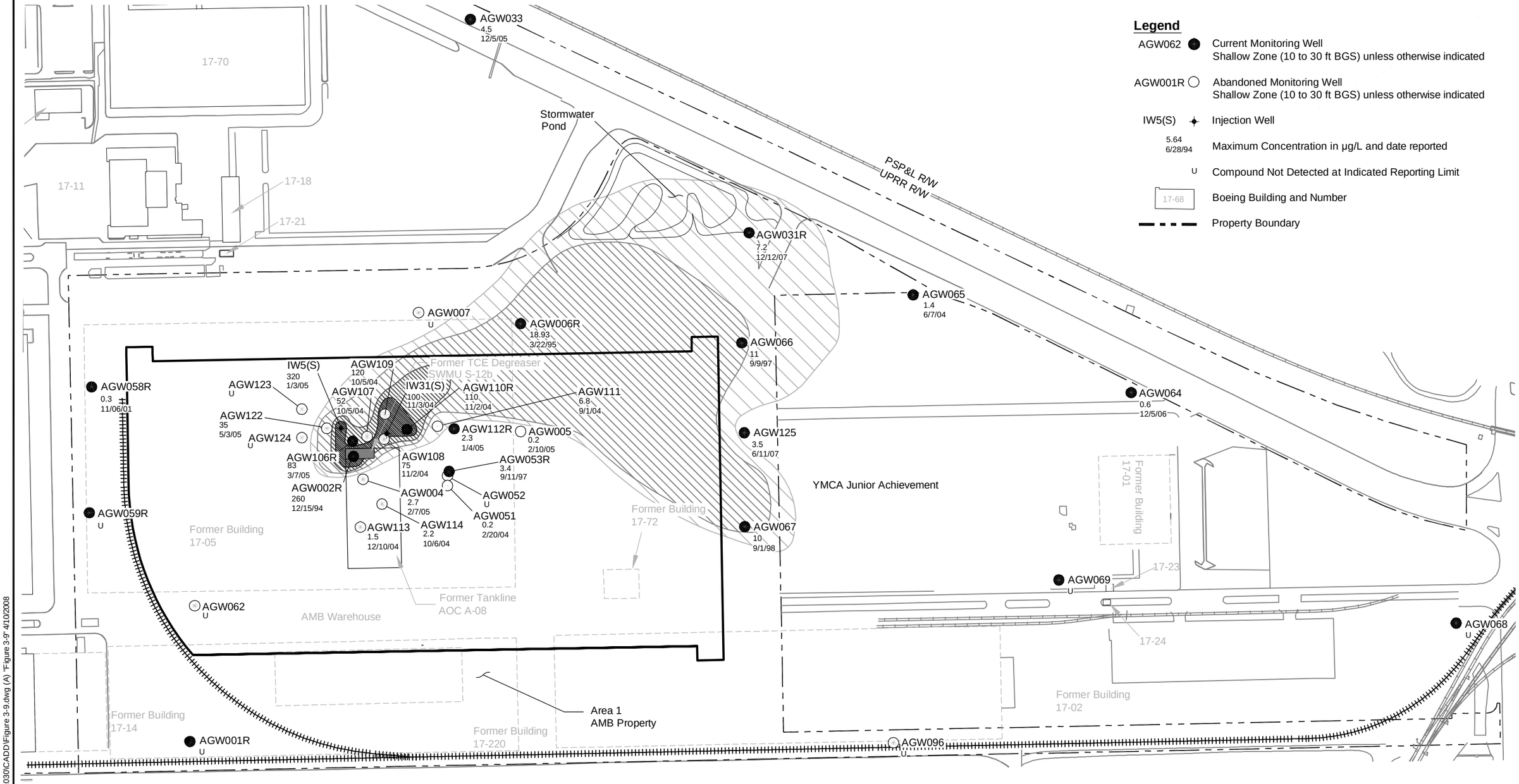
Boeing Auburn Area 1
Auburn, Washington

Area 1 Shallow Zone TCE Concentrations

Figure 3-8



Legend

- AGW062 — Current Monitoring Well, Shallow Zone (10 to 30 ft BGS) unless otherwise indicated
- AGW001R — Abandoned Monitoring Well, Shallow Zone (10 to 30 ft BGS) unless otherwise indicated
- IW5(S) — Injection Well
- 5.64 / 6/28/94 — Maximum Concentration in µg/L and date reported
- U — Compound Not Detected at Indicated Reporting Limit
- 17-68 — Boeing Building and Number
- Property Boundary

Concentrations Key

- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Intermediate and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.

N

0 200 400

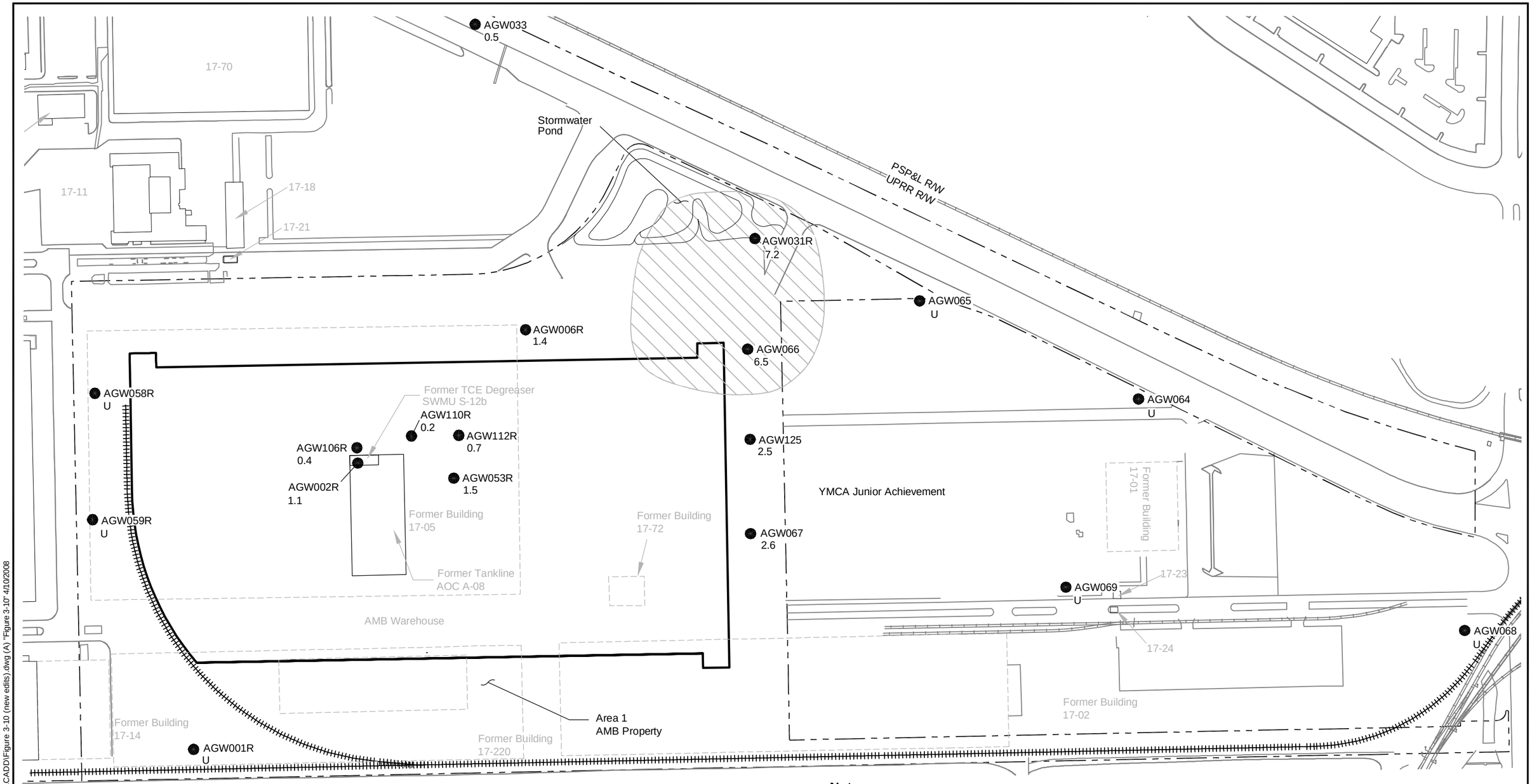
Scale in Feet

Base map source: Geometrix 2003

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Shallow Zone Maximum cis-1,2-DCE Concentrations**	Figure **3-9**

Boeing\Report | V:\025\169\030\CADD\Figure 3-9.dwg (A) "Figure 3-9" 4/10/2008



Legend

AGW041 ●	Monitoring Well Shallow Zone (10 to 30 ft BGS) unless otherwise indicated	Concentrations greater than or equal to 100
1.0	Concentrations in µg/L	Concentrations between 50 and 99
U	Compound Not Detected at the Indicated Reporting Limit	Concentrations between 10 and 49
17-68	Boeing Building and Number	Concentrations between 5 and 9
	Property Boundary	

Notes

1. Intermediate and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual contaminant concentration in groundwater at a specific location.

N

0 200 400

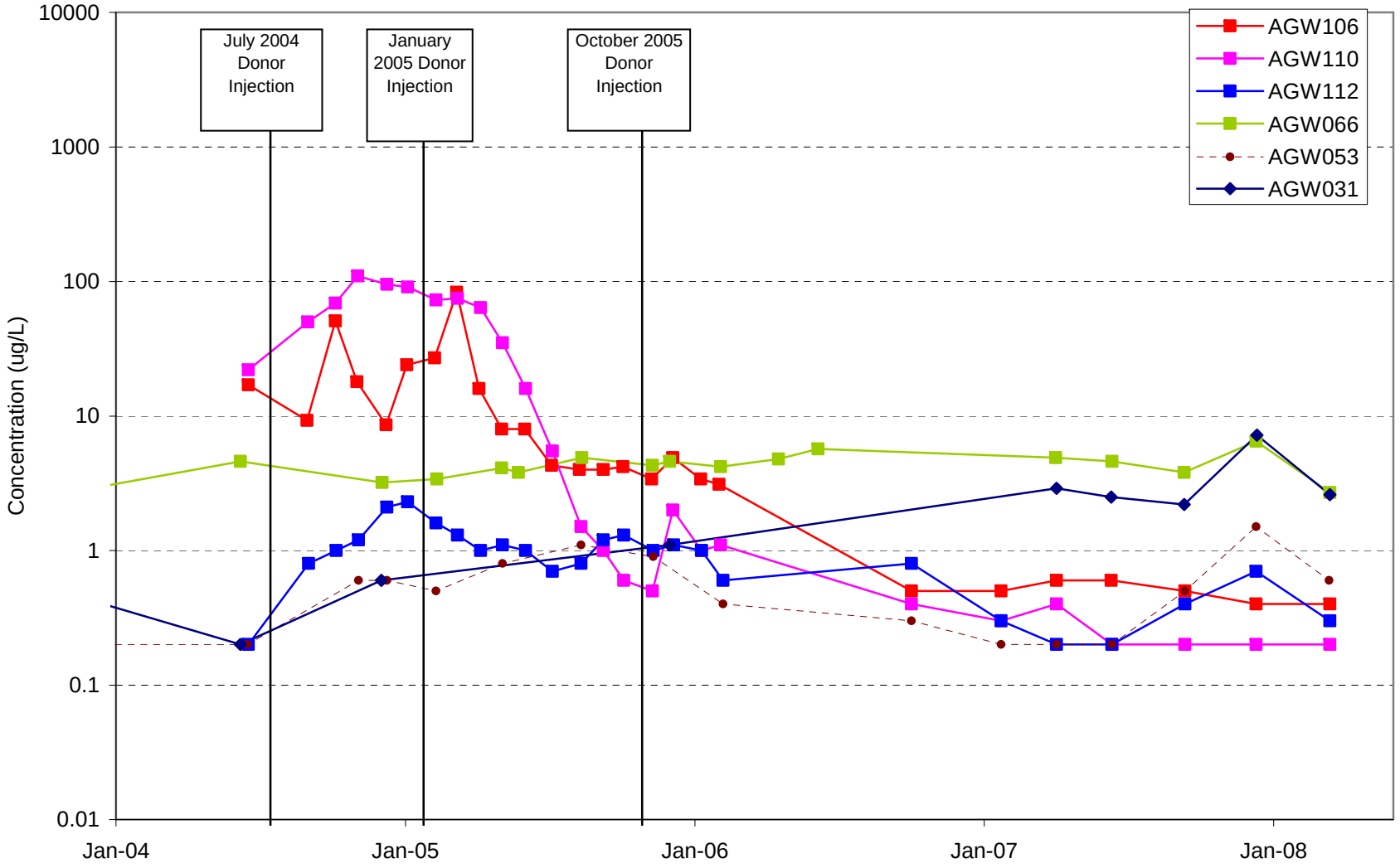
Scale in Feet

Base map source: Geometrix 2003

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Shallow Zone December 2007 cis-1, 2-DCE Concentrations**	Figure **3-10**

Boeing\Report | V:\0251\1690\30\CADD\Figure 3-10 (new edits).dwg (A) "Figure 3-10" 4/10/2008



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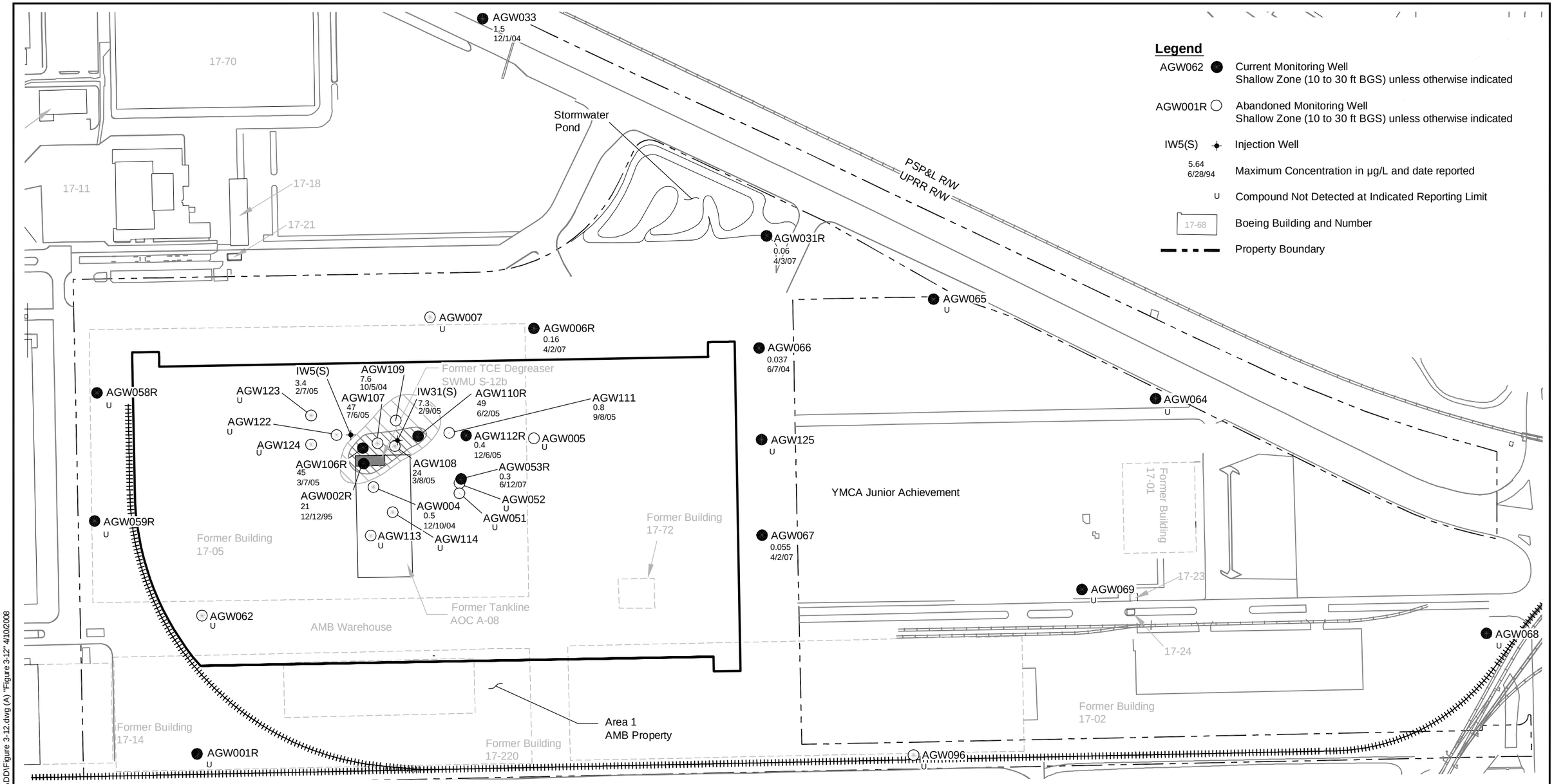
Boeing Auburn Area 1
Auburn, Washington

Area 1 Shallow Zone
Cis-1,2-DCE Concentrations

Figure
3-11



Concentrations Key

- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Intermediate and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.

N

0 200 400

Scale in Feet

Base map source: Geometrix 2003

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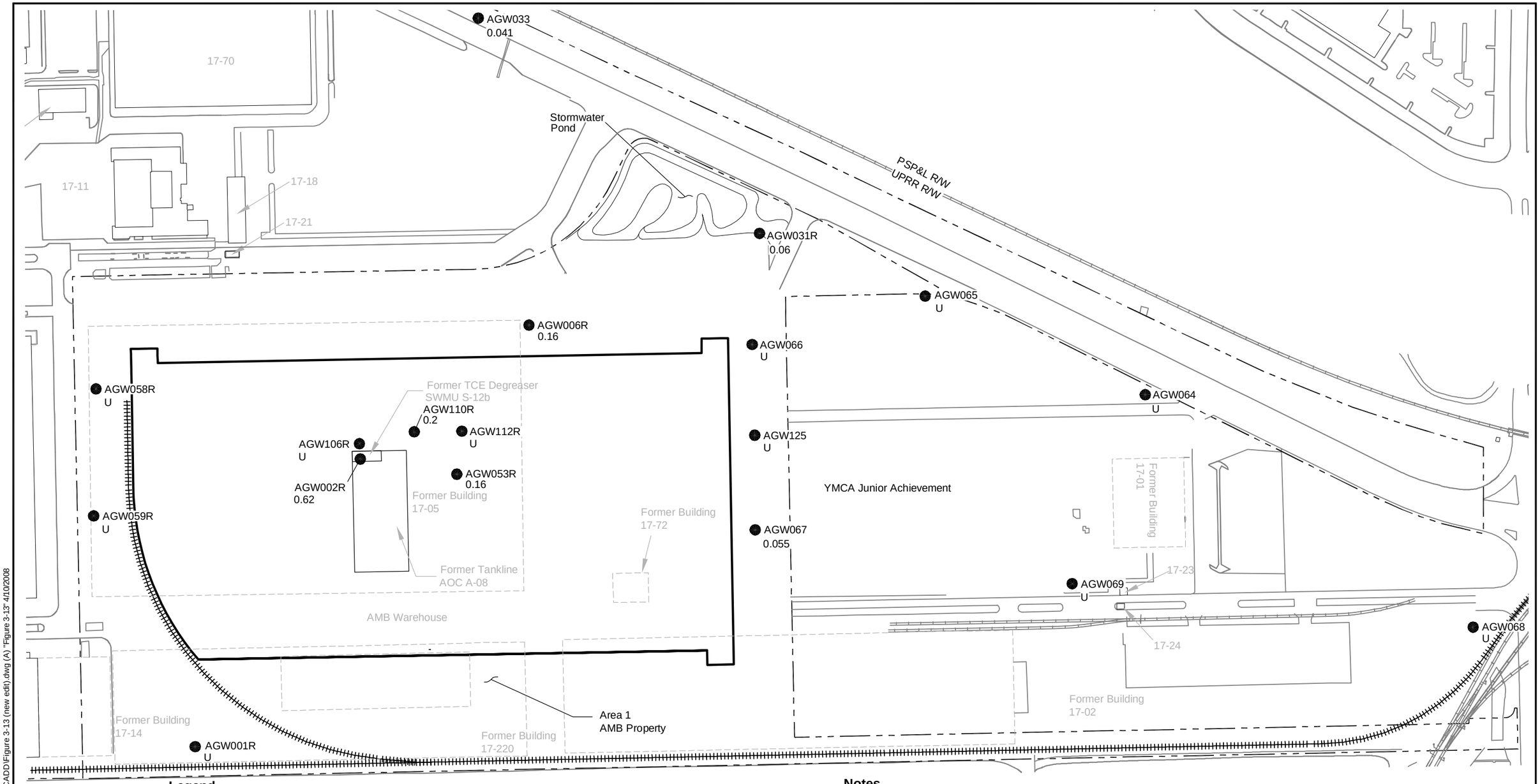
Boeing Auburn
Area 1 IRA
Auburn, Washington

Area 1 Shallow Zone Maximum Vinyl Chloride Concentrations

Figure **3-12**

Boeing\Report | V:\025\169\030\CADD\Figure 3-12.dwg (A) "Figure 3-12" 4/10/2008



Legend

- AGW041 ● Monitoring Well Shallow Zone (10 to 30 ft BGS) unless otherwise indicated
- 1.0 Concentrations in µg/L
- U Compound Not Detected at the Indicated Reporting Limit
- 17-68 Boeing Building and Number
- Property Boundary
- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentration between 10 and 49
- Concentrations between 5 and 9

Notes

1. Intermediate and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentratrion at a specific location.

N

0 200 400

Scale in Feet

Base map source: Geometrix 2003

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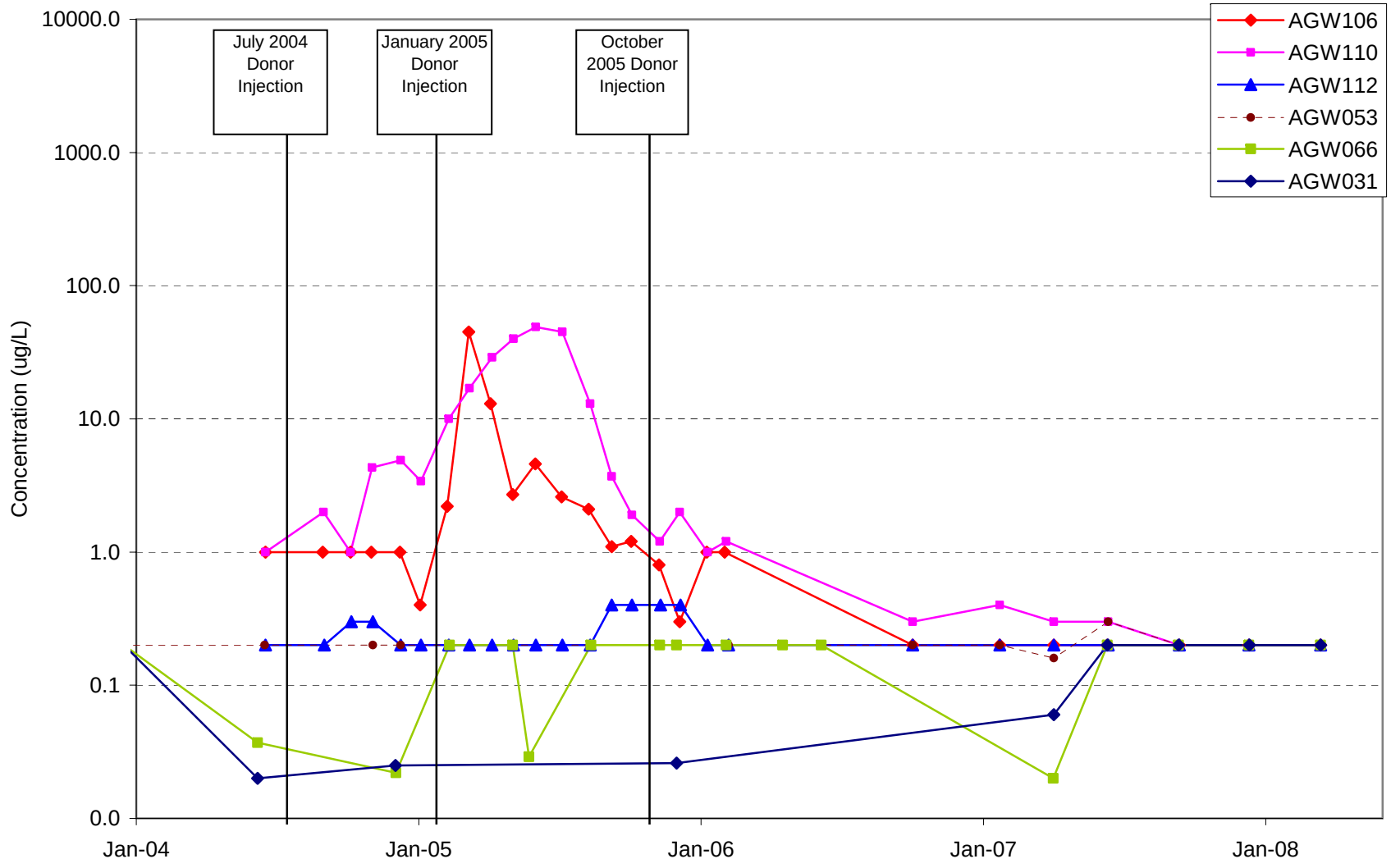
Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Shallow Zone December 2007 Vinyl Chloride Concentrations**	Figure **3-13**

Boeing\Report | V:\025\169\030\CADD\Figure 3-13 (new edit).dwg (A) "Figure 3-13" 4/10/2008



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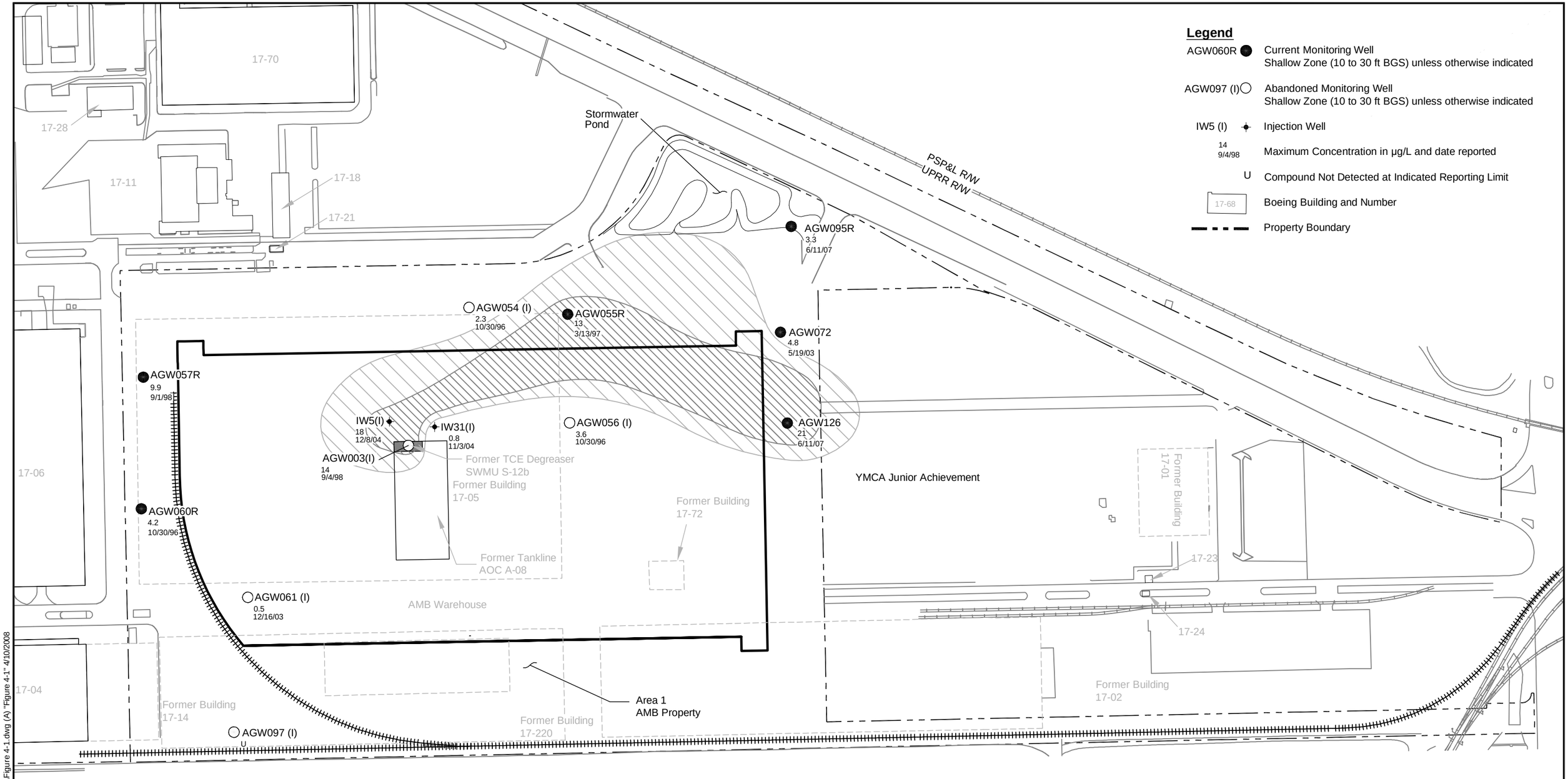
Boeing Auburn Area 1
Auburn, Washington

Area 1 Shallow Zone
Vinyl Chloride Concentrations

Figure
3-14



Concentrations Key

- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Intermediate and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.

N

0 200 400

Scale in Feet

Base map source: Geometrix 2003

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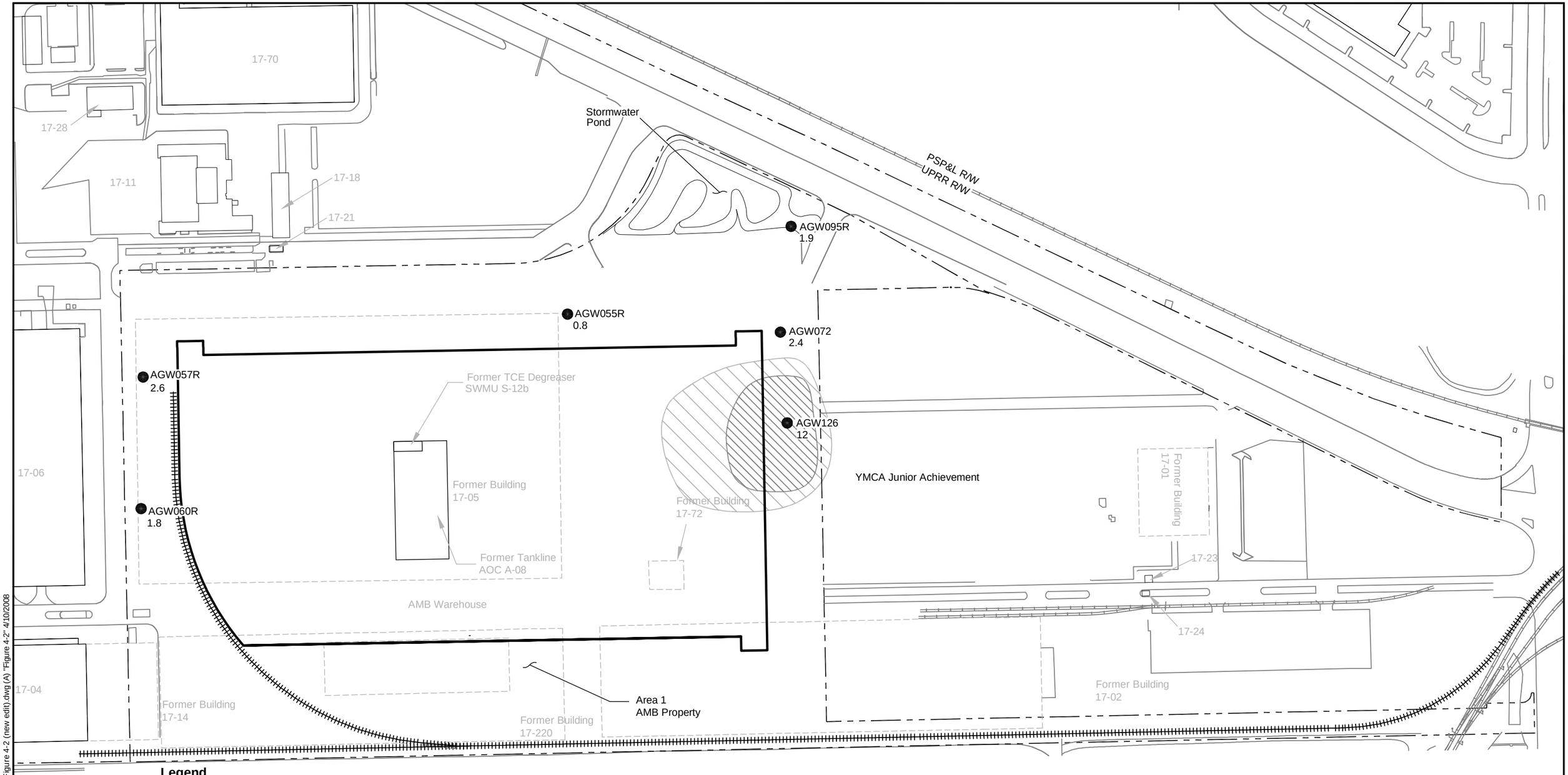
Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Intermediate Zone Maximum TCE Concentrations**	Figure **4-1**

Boeing\Report | V:\025\169030\CADD\Figure 4-1.dwg (A) "Figure 4-1" 4/10/2008



Legend

- Monitoring Well, Intermediate Zone (40 to 60 ft BGS) unless otherwise indicated
- 1.0 — Concentrations in µg/L
- U — Compound Not Detected at the Indicated Reporting Limit
- 17-68 — Boeing Building and Number
- Property Boundary
- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Shallow and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.

N

0 200 400

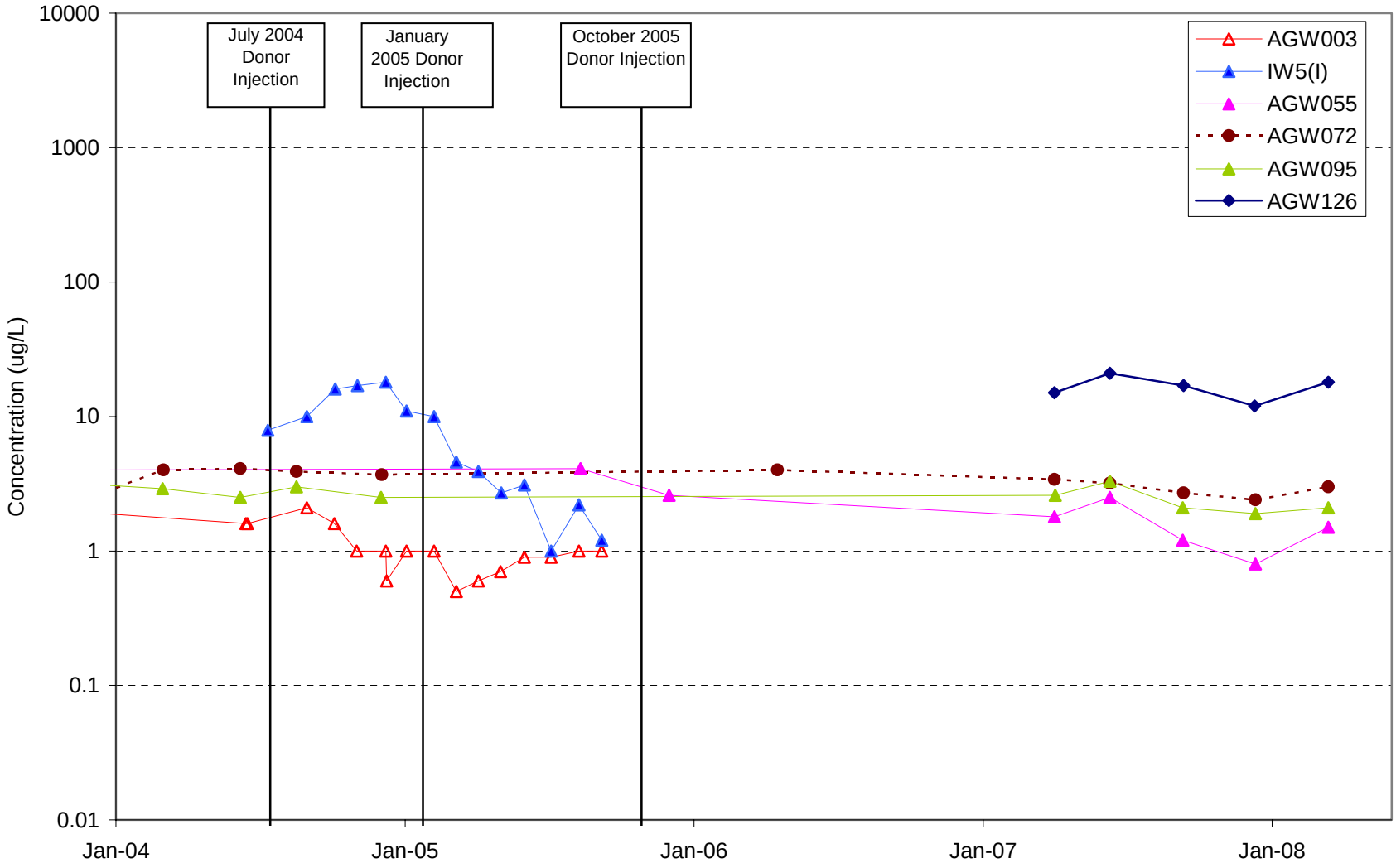
Scale in Feet

Base map source: Geometrix 2003

Boeing\Report | V:\025\1169\030\CADD\Figure 4-2 (new edit).dwg (A) "Figure 4-2" 4/10/2008

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Intermediate Zone December 2007 TCE Concentrations**	Figure **4-2**

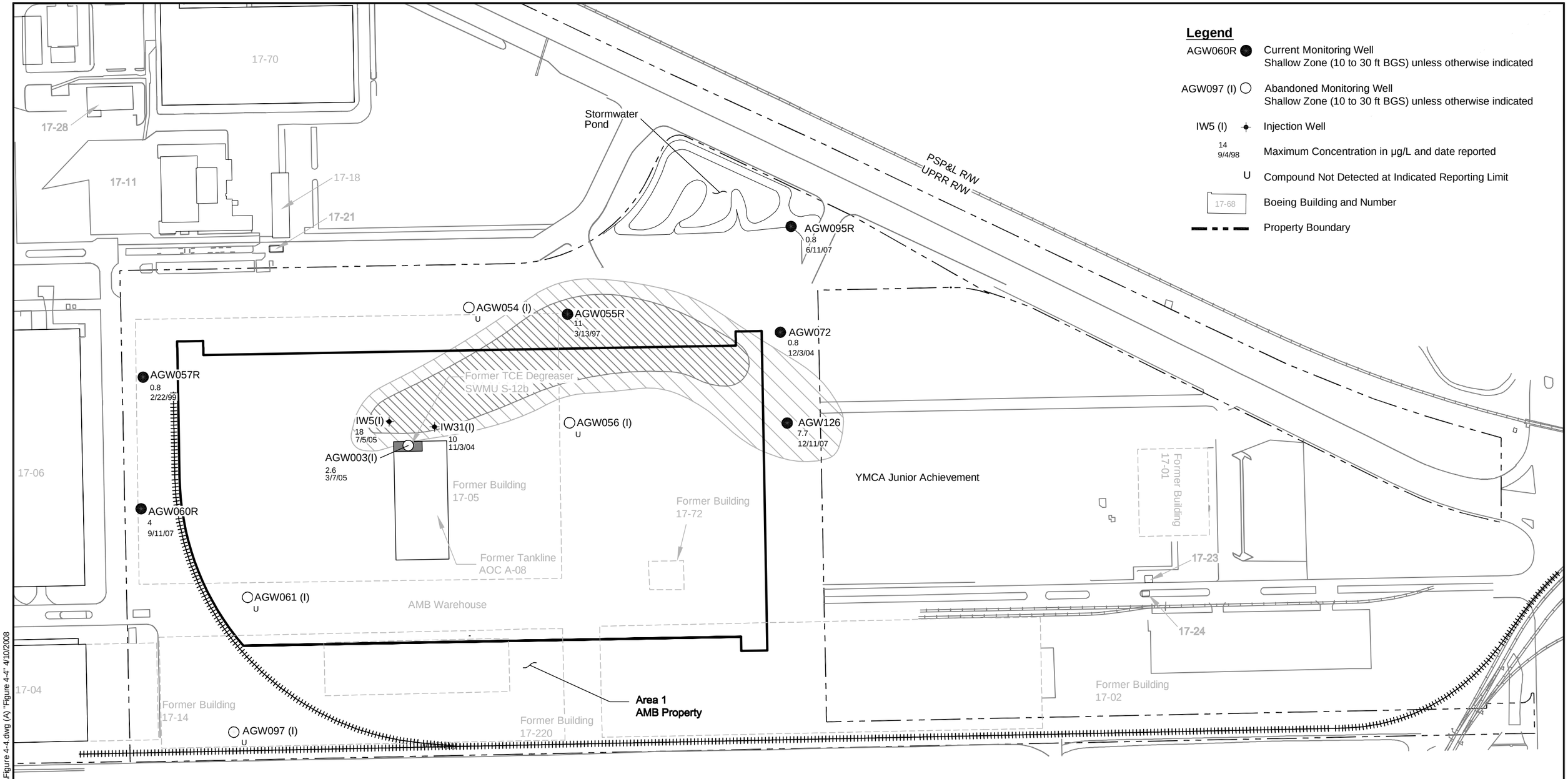


LANDAU ASSOCIATES

Boeing Auburn Area 1
Auburn, Washington

Area 1 Intermediate Zone
TCE Concentrations

Figure
4-3



Concentrations Key

- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Intermediate and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.

N

0 200 400

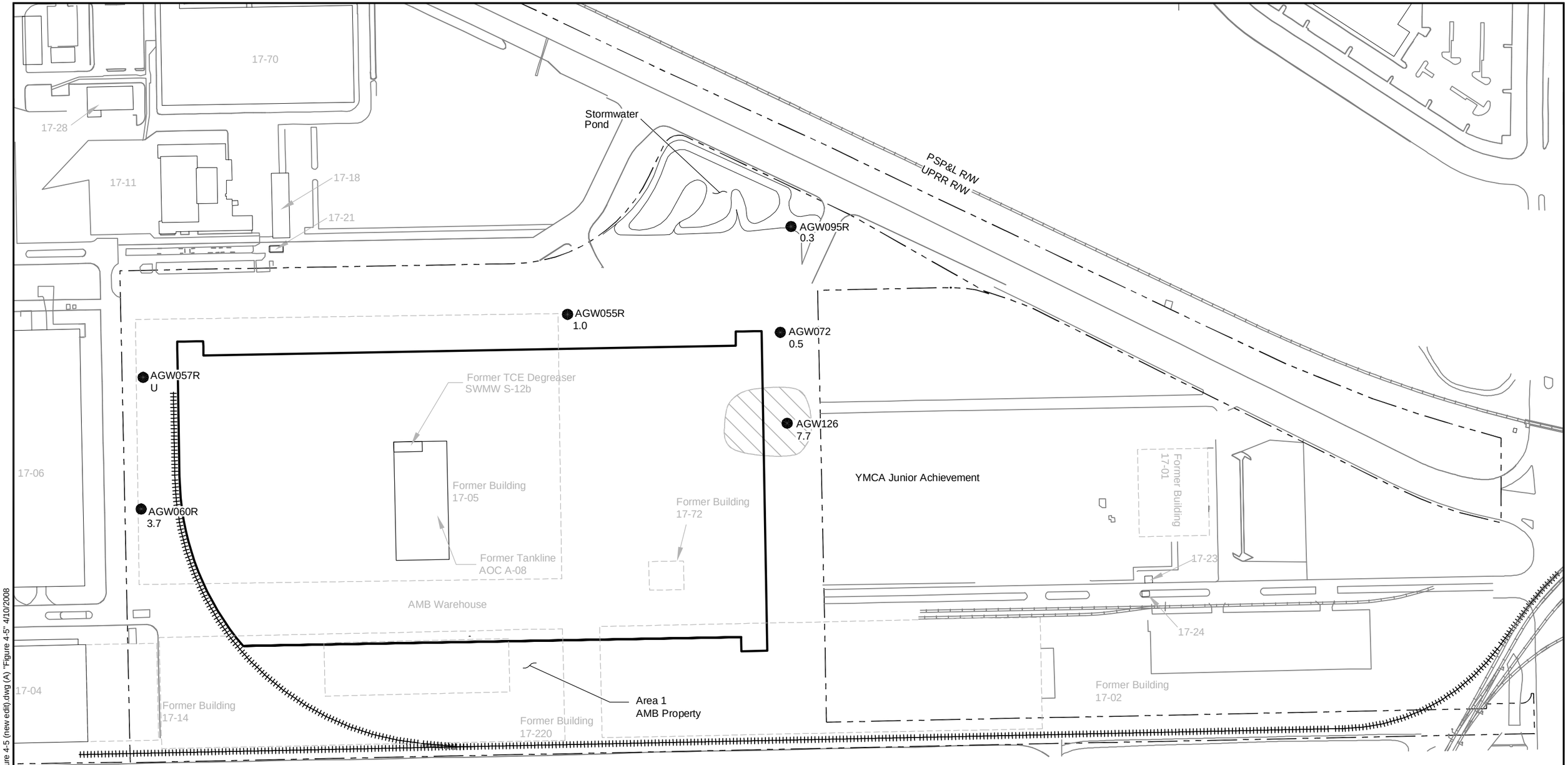
Scale in Feet

Base map source: Geometrix 2003

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Intermediate Zone Maximum cis-1,2-DCE Concentrations**	Figure **4-4**

Boeing\Report | V:\025\169\030\CADD\Figure 4-4.dwg (A) "Figure 4-4" 4/10/2008



Legend

- Monitoring Well
  Intermediate Zone (40 to 60 ft BGS) unless otherwise indicated
- 1.0 — Concentrations in µg/L
- U — Compound Not Detected at the Indicated Reporting Limit
- 17-68 — Boeing Building and Number
- Property Boundary
- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Shallow and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.

N

0 200 400

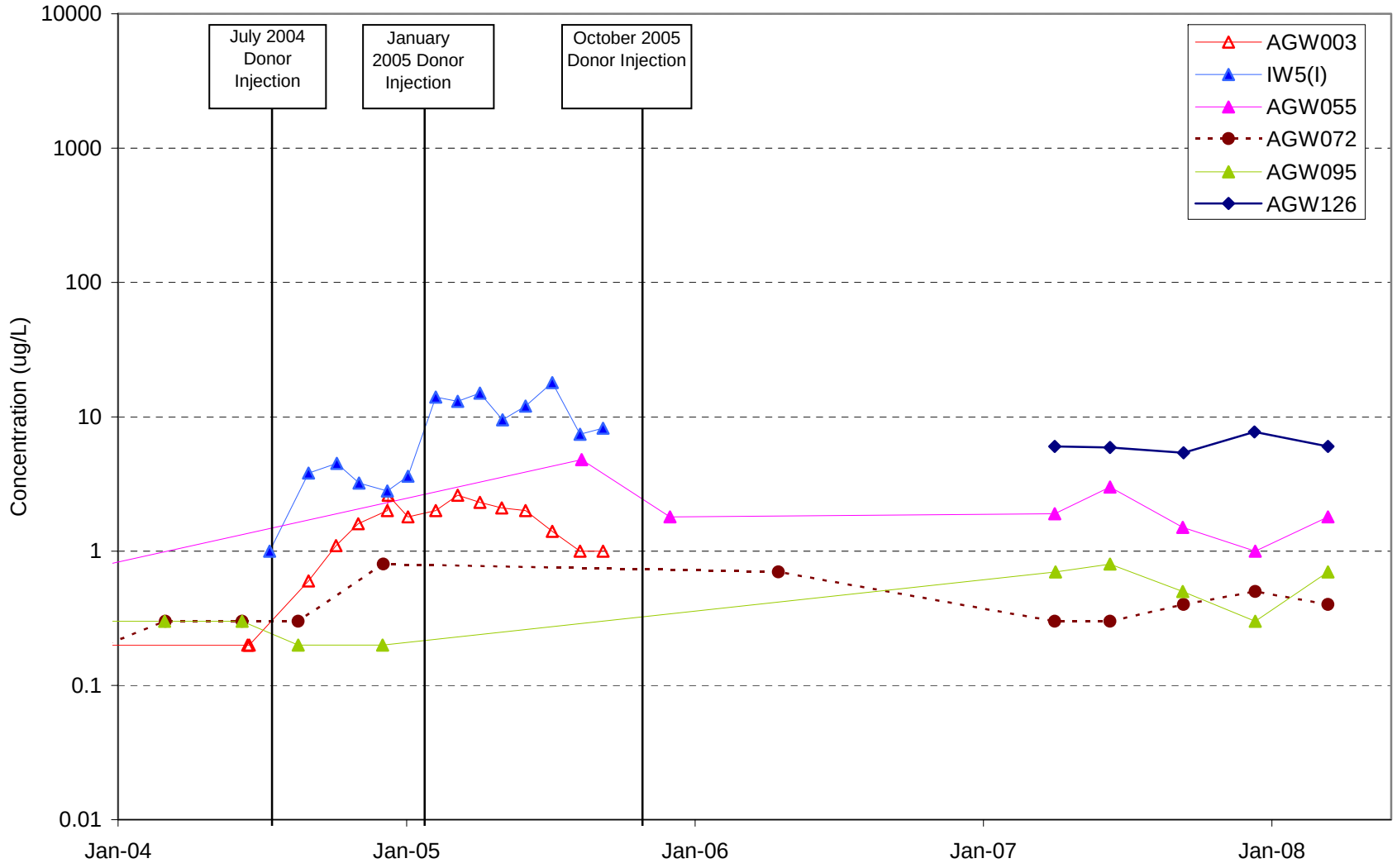
Scale in Feet

Base map source: Geometrix 2003

Boeing\Report | V:\025\1691030\CADD\Figure 4-5 (new edit).dwg (A) "Figure 4-5" 4/10/2008

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Intermediate Zone December 2007 cis-1, 2-DCE Concentrations**	Figure **4-5**

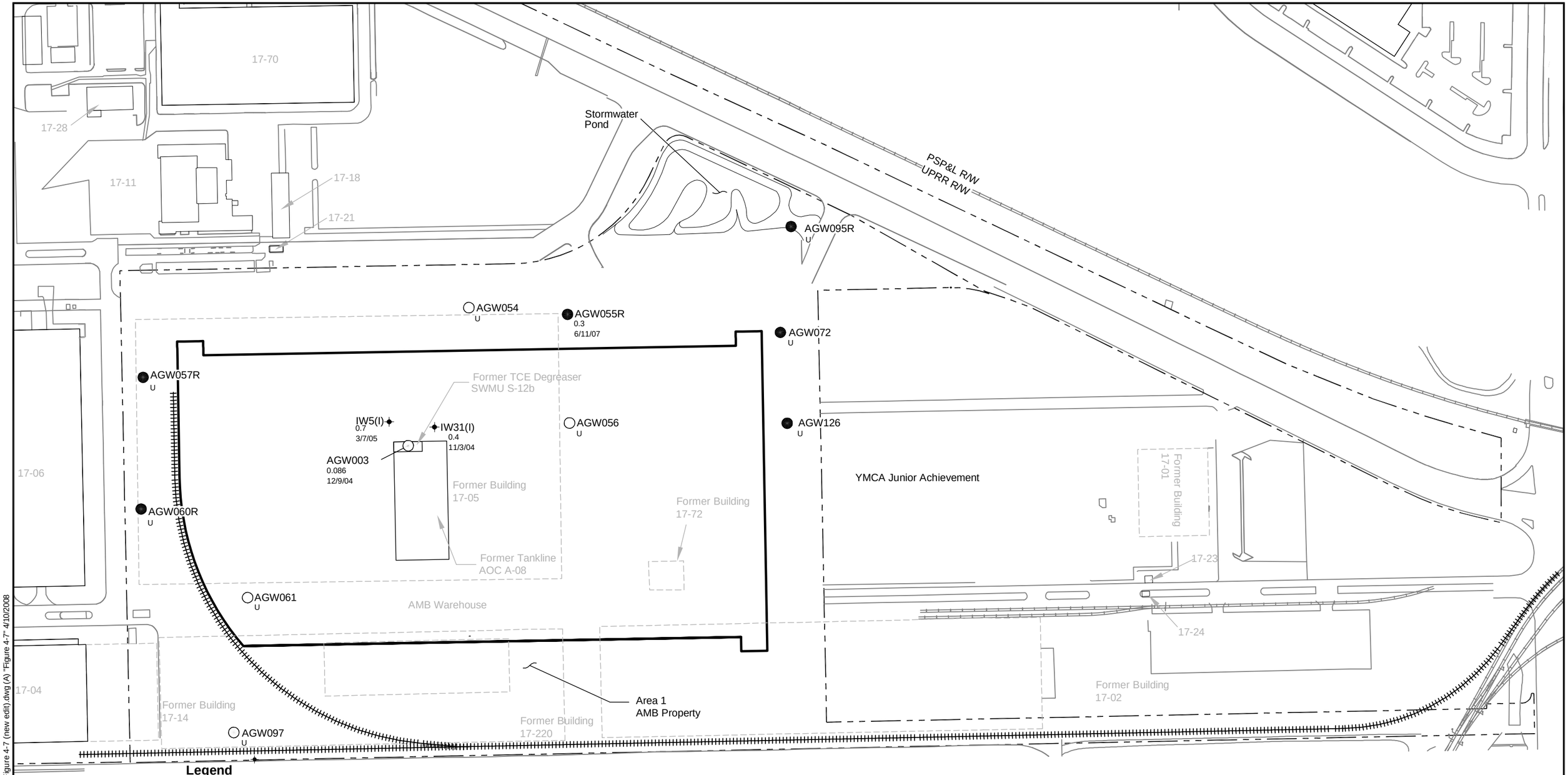


LANDAU ASSOCIATES

Boeing Auburn Area 1
Auburn, Washington

Area 1 Intermediate Zone
Cis-1,2-DCE Concentrations

Figure
4-6



Legend

- AGW060R — Current Monitoring Well, Intermediate Zone (40 to 60 ft BGS) unless otherwise indicated
- AGW097 (I) — Abandoned Monitoring Well, Intermediate Zone (40 to 60 ft BGS) unless otherwise indicated
- IW5 (I) — Injection Well
- 14, 9/4/98 — Maximum Concentration in ug/L and date reported
- U — Compound Not Detected at Indicated Reporting Limit
- 17-68 — Boeing Building and Number
- Property Boundary
- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Shallow and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.

Base map source: Geometrix 2003

N

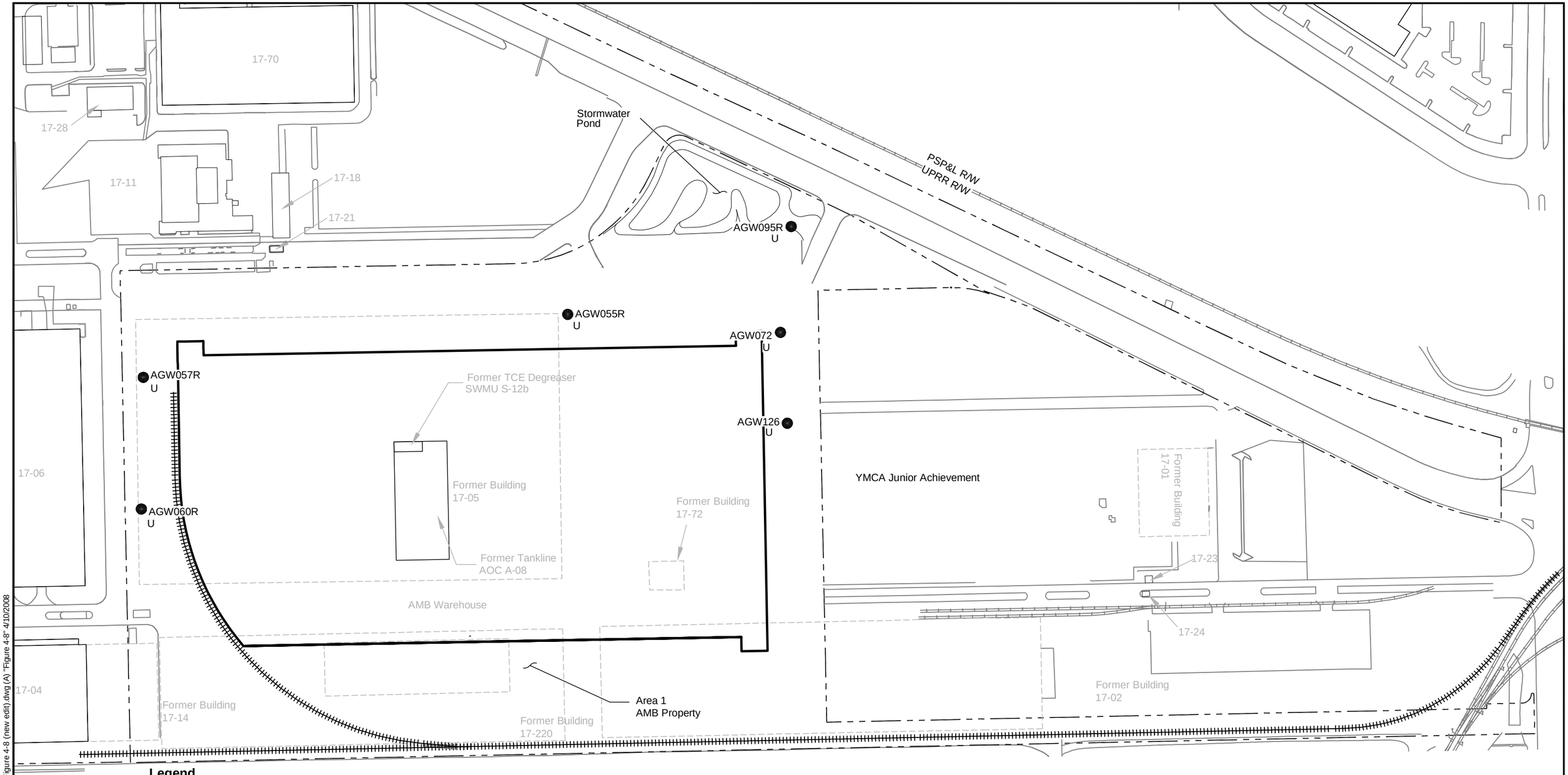
0 200 400

Scale in Feet

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Intermediate Zone Maximum Vinyl Chloride Concentrations**	Figure **4-7**

Boeing\Report | V:\025\1169\030\CADD\Figure 4-7 (new edit).dwg (A) "Figure 4-7" 4/10/2008



Legend

- Monitoring Well
  Intermediate Zone (40 to 60 ft BGS) unless otherwise indicated
- 1.0 Concentrations in µg/L
- U Compound Not Detected at the Indicated Reporting Limit
- 17-68 Boeing Building and Number
- Property Boundary
- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Shallow and deep wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.

Base map source: Geometrix 2003

N

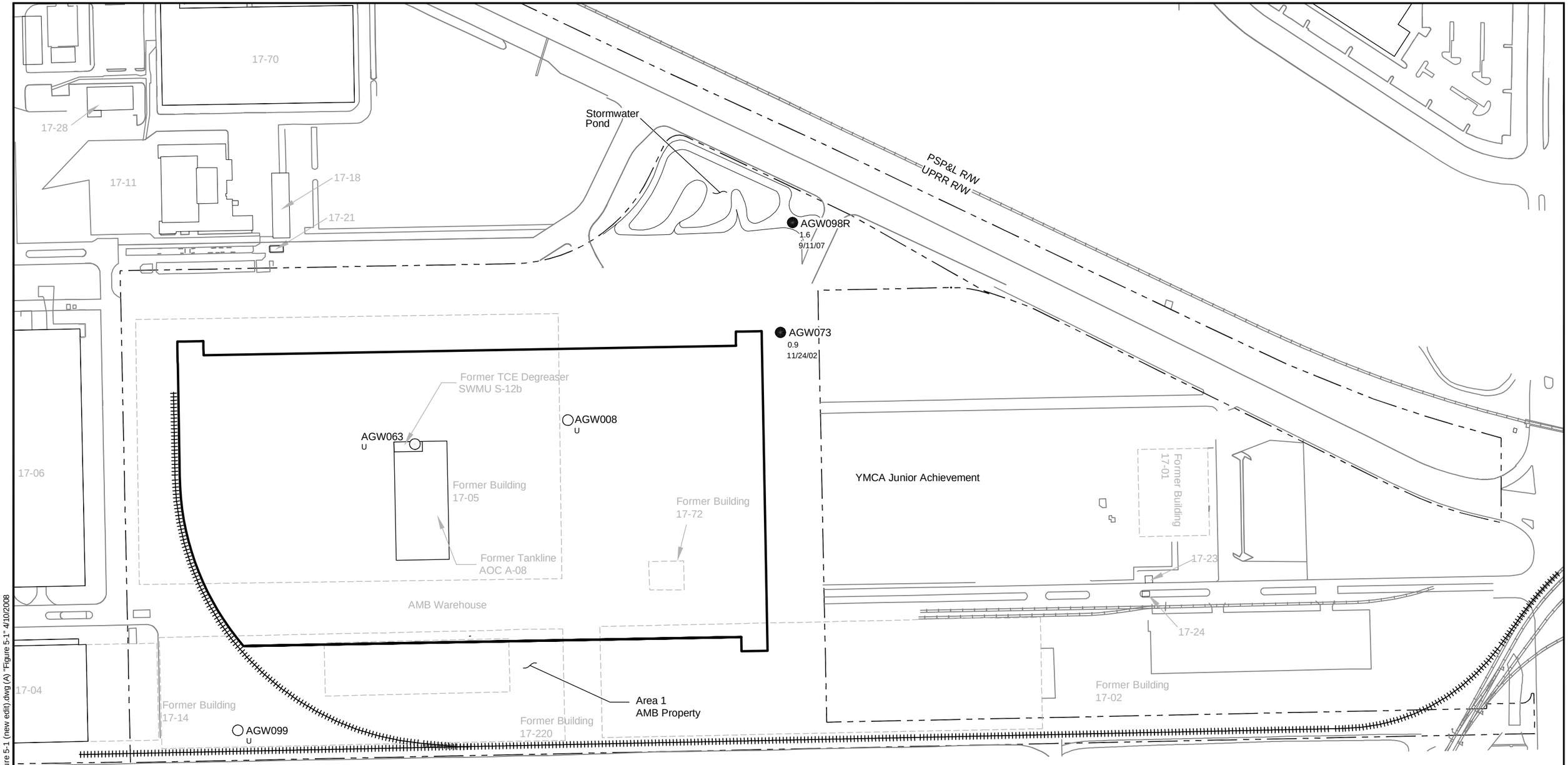
0 200 400

Scale in Feet

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Intermediate Zone December 2007 Vinyl Chloride Concentrations**	Figure **4-8**

Boeing\Report | V:\025\1169\030\CADD\Figure 4-8 (new edit).dwg (A) "Figure 4-8" 4/10/2008



Legend

- AGW098R — Current Monitoring Well, Deep Zone (60 to 110 ft BGS) unless otherwise indicated
- AGW099 (D) — Abandoned Monitoring Well, Deep Zone (60 to 110 ft BGS) unless otherwise indicated
- 0.9 / 11/24/02 — Maximum Concentration in ug/L and date reported
- U — Compound Not Detected at Indicated Reporting Limit
- 17-68 — Boeing Building and Number
- Property Boundary
- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Shallow and intermediate wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual groundwater concentration at a specific location.

N

0 200 400

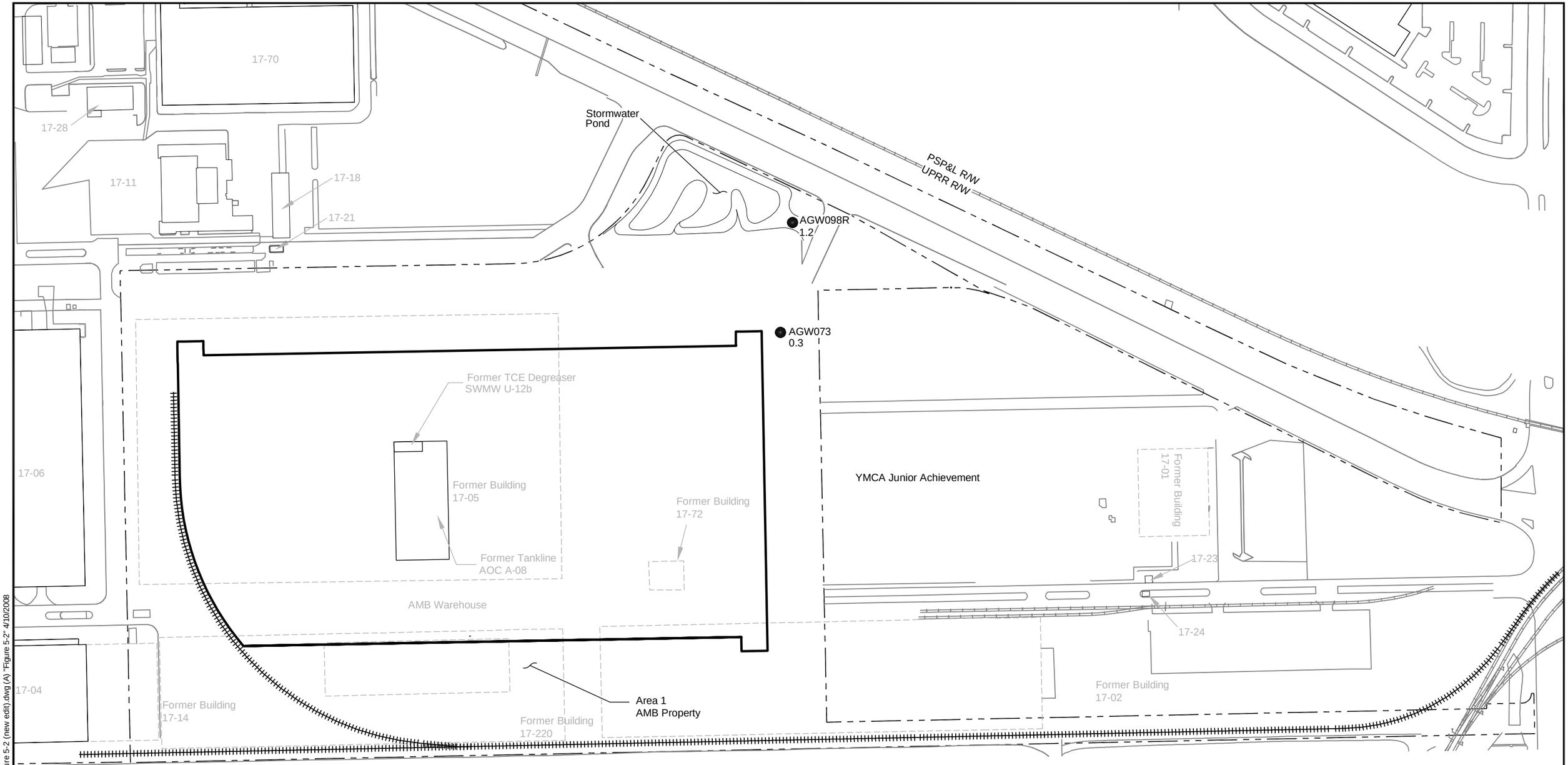
Scale in Feet

Base map source: Geometrix 2003

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Deep Zone Maximum TCE Concentrations**	Figure **5-1**

Boeing\Report | V:\025\1169\030\CADD\Figure 5-1 (new edit).dwg (A) "Figure 5-1" 4/10/2008



Legend

- Monitoring Well
  Deep Zone (60 to 110 ft BGS) unless otherwise indicated
- 1.0 — Concentrations in µg/L
- U — Compound Not Detected at the Indicated Reporting Limit
- 17-68 — Boeing Building and Number
- Property Boundary
- Concentrations greater than or equal to 100
- Concentrations between 50 and 99
- Concentrations between 10 and 49
- Concentrations between 5 and 9

Notes

1. Shallow and intermediate wells are not shown.
2. Isoconcentration contours are approximate and are not intended to represent the actual contaminant concentration in groundwater at a specific location.

N

0 200 400

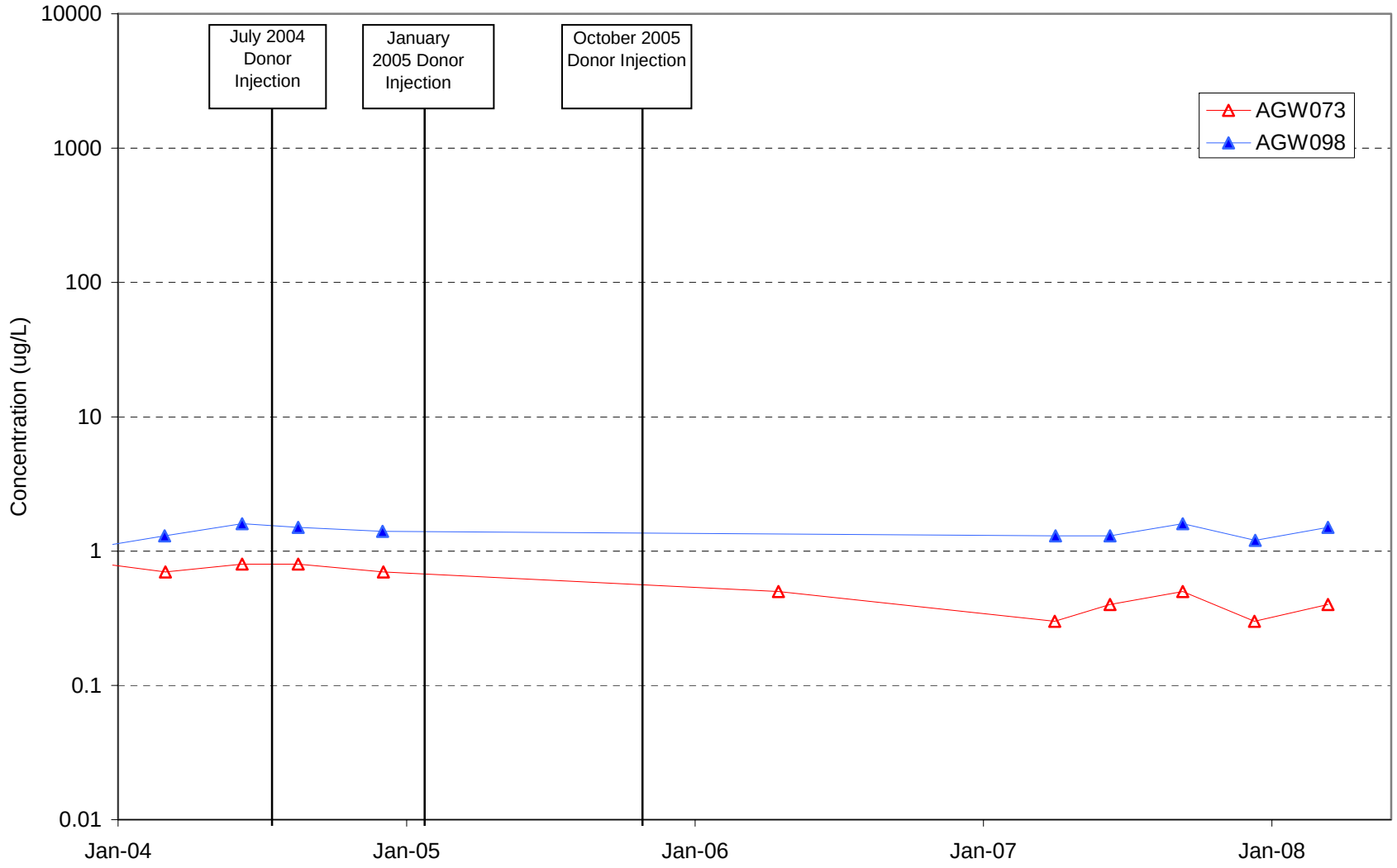
Scale in Feet

Base map source: Geometrix 2003

LANDAU ASSOCIATES

Boeing Auburn Area 1 IRA Auburn, Washington	**Area 1 Deep Zone December 2007 TCE Concentrations**	Figure **5-2**

Boeing\Report | V:\025\1169\030\CADD\Figure 5-2 (new edit).dwg (A) "Figure 5-2" 4/10/2008



LANDAU ASSOCIATES

Boeing Auburn Area 1
Auburn, Washington

Area 1 Deep Zone
TCE Concentrations

Figure
5-3

TABLE 1-1
AREA 1 REPORTS AND MILESTONES
BOEING AUBURN

		REPORTS	MILESTONES
2003			
	October	*Area 1 Property Transfer Work Plan* submitted	
2004			
	January 30	*Area 1 RI Report* submitted	
	March 10	*Supplemental RI Report* submitted	
	May 7	*IRA Work Plan* submitted	
	July		First Donor Injection
	December 20	*Interim Remedial Action Report* submitted	
2005			
	January		Second Donor Injection
	June 7	*2nd Interim Remedial Action Report* submitted	
	August 8	*Supplemental Area 1 RI Work Plan*	
	October 11	*Supplement to the Final IRA Work Plan* submitted	
	October 27	*Building 17-05 Elevator Shaft CAP* submitted	
	October		Third Donor Injection
	September 14	*Area 1 Additional Investigation Results Memo*	
	December 16		Property Sale to AMB
2006			
	February 17		Area 1 well abandonments completed
	September		Phase I Area 1 well reinstallation
2007			
	March		Phase II Area 1 well reinstallation
	April		Phase III Area 1 well reinstallation
	May 22	*Removal of Chromium Pipelines Memo* submitted	
2008			
	January 14	*Area 1 Well Abandonment and Reinstallation Memo*	

APPENDIX A

Area 1 Water Level Data

APPENDIX A

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW001R	04/19/2007	87.15	11.6	75.55
AGW001R	06/11/2007	87.15	13.68	73.47
AGW001R	09/11/2007	87.15	17.48	69.67
AGW001R	12/12/2007	87.15	16.41	70.74
AGW001R	03/12/2008	87.15	13.82	73.33
AGW002	12/19/2003	85.38	14.83	70.55
AGW002	01/21/2004	85.38	NM	NM
AGW002	06/17/2004	85.38	13.08	72.30
AGW002	08/03/2004	85.38	15.21	70.17
AGW002	08/24/2004	85.38	15.67	69.71
AGW002	12/08/2004	85.38	14.62	70.76
AGW002	01/03/2005	85.38	13.42	71.96
AGW002	03/07/2005	85.38	12.60	72.78
AGW002	05/03/2005	85.38	13.25	72.13
AGW002	06/01/2005	85.38	13.00	72.38
AGW002	07/05/2005	85.38	13.11	72.27
AGW002	08/09/2005	85.38	14.45	70.93
AGW002	09/07/2005	85.38	15.60	69.78
AGW002	10/03/2005	85.38	16.72	68.66
AGW002	11/08/2005	85.38	15.54	69.84
AGW002	12/06/2005	85.38	15.06	70.32
AGW002	01/10/2006	85.38	12.47	72.91
AGW002	02/02/2006	85.38	9.54	75.84
AGW002R	10/02/2006	90.95	22.40	68.55
AGW002R	01/23/2007	90.95	15.44	75.51
AGW002R	04/03/2007	90.95	15.40	75.55
AGW002R	06/12/2007	90.95	18.03	72.92
AGW002R	09/12/2007	90.95	21.57	69.38
AGW002R	12/11/2007	90.95	20.49	70.46
AGW002R	03/12/2008	90.95	18.02	72.93
AGW004	01/21/2004	86.48	14.87	71.61
AGW004	06/16/2004	86.48	14.65	71.83
AGW004	06/17/2004	86.48	14.26	72.22
AGW004	08/03/2004	86.48	16.41	70.07
AGW004	08/24/2004	86.48	17.51	68.97
AGW004	12/10/2004	86.48	15.72	70.76
AGW004	01/04/2005	86.48	14.58	71.90
AGW004	02/07/2005	86.48	13.72	72.76
AGW004	03/07/2005	86.48	14.22	72.26
AGW004	04/04/2005	86.48	14.62	71.86
AGW004	05/02/2005	86.48	14.34	72.14
AGW004	06/01/2005	86.48	14.23	72.25

APPENDIX A

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW004	07/05/2005	86.48	14.45	72.03
AGW004	08/09/2005	86.48	NM	NM
AGW004	09/07/2005	86.48	16.95	69.53
AGW004	10/03/2005	86.48	17.77	68.71
AGW004	11/07/2005	86.48	17.73	68.75
AGW004	12/06/2005	86.48	16.04	70.44
AGW004	01/09/2006	86.48	13.67	72.81
AGW004	02/01/2006	86.48	10.59	75.89
AGW005	05/03/2005	86.38	14.48	71.90
AGW005	08/12/2005	86.38	15.92	70.46
AGW005	11/09/2005	86.38	17.41	68.97
AGW005	02/03/2006	86.38	10.66	75.72
AGW006R	04/02/2007	86.46	11.51	74.95
AGW006R	06/11/2007	86.46	13.73	72.73
AGW006R	09/11/2007	86.46	17.18	69.28
AGW006R	12/12/2007	86.46	16.34	70.12
AGW006R	03/13/2008	86.46	13.88	72.58
AGW031R	04/03/2007	85.96	11.21	74.75
AGW031R	06/11/2007	85.96	13.43	72.53
AGW031R	09/11/2007	85.96	16.82	69.14
AGW031R	12/12/2007	85.96	16.00	69.96
AGW031R	03/13/2008	85.96	13.57	72.39
AGW051	08/03/2004	86.34	16.38	69.96
AGW051	08/24/2004	86.34	17.48	68.86
AGW052	08/03/2004	86.46	16.59	69.87
AGW052	08/24/2004	86.46	17.64	68.82
AGW053	12/19/2003	86.45	16.20	70.25
AGW053	01/21/2004	86.45	15.00	71.45
AGW053	06/16/2004	86.45	14.80	71.65
AGW053	08/03/2004	86.45	16.57	69.88
AGW053	08/24/2004	86.45	17.62	68.83
AGW053	12/09/2004	86.45	15.84	70.61
AGW053	05/04/2005	86.45	14.45	72.00
AGW053	08/11/2005	86.45	15.86	70.59
AGW053	11/10/2005	86.45	17.39	69.06
AGW053	02/06/2006	86.45	10.51	75.94
AGW053R	10/02/2006	90.98	22.58	68.40
AGW053R	01/23/2007	90.98	15.60	75.38

APPENDIX A

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW053R	04/03/2007	90.98	15.78	75.20
AGW053R	06/12/2007	90.98	18.18	72.80
AGW053R	09/12/2007	90.98	21.71	69.27
AGW053R	12/11/2007	90.98	20.76	70.22
AGW053R	03/12/2008	90.98	18.26	72.72
AGW058R	04/19/2007	89.92	14.40	75.52
AGW058R	06/11/2007	89.92	16.34	73.58
AGW058R	09/11/2007	89.92	19.96	69.96
AGW058R	12/12/2007	89.92	19.08	70.84
AGW058R	03/13/2008	89.92	16.50	73.42
AGW059R	04/19/2007	89.23	13.57	75.66
AGW059R	06/11/2007	89.23	15.55	73.68
AGW059R	09/11/2007	89.23	19.25	69.98
AGW059R	12/12/2007	89.23	18.25	70.98
AGW059R	03/13/2008	89.23	15.67	73.56
AGW066	02/10/2005	86.05	13.71	72.34
AGW066	05/03/2005	86.05	15.53	70.52
AGW066	08/12/2005	86.05	15.82	70.23
AGW066	11/07/2005	86.05	17.28	68.77
AGW066	02/03/2006	86.05	10.64	75.41
AGW066	04/17/2006	86.05	12.92	73.13
AGW066	06/06/2006	86.05	13.36	72.69
AGW066	04/02/2007	89.58	14.71	74.87
AGW066	06/11/2007	89.58	17.10	72.48
AGW066	09/11/2007	89.58	20.50	69.08
AGW066	12/11/2007	89.58	19.73	69.85
AGW066	03/13/2008	89.58	17.19	72.39
AGW067	05/03/2005	86.21	14.75	71.46
AGW067	08/12/2005	86.21	16.05	70.16
AGW067	11/07/2005	86.21	17.63	68.58
AGW067	02/03/2006	86.21	10.70	75.51
AGW067	04/17/2006	86.21	13.12	73.09
AGW067	06/06/2006	86.21	13.55	72.66
AGW067	04/02/2007	89.51	14.81	74.70
AGW067	06/12/2007	89.51	17.19	72.32
AGW067	09/12/2007	89.51	20.68	68.83
AGW067	12/11/2007	89.51	19.65	69.86
AGW067	03/13/2008	89.51	17.18	72.33
AGW106	06/16/2004	86.27	14.65	71.62

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW106	06/18/2004	86.27	14.09	72.18
AGW106	08/03/2004	86.27	16.20	70.07
AGW106	08/24/2004	86.27	17.29	68.98
AGW106	12/08/2004	86.27	15.61	70.66
AGW106	01/03/2005	86.27	14.37	71.90
AGW106	02/07/2005	86.27	13.50	72.77
AGW106	03/07/2005	86.27	13.98	72.29
AGW106	04/04/2005	86.27	14.40	71.87
AGW106	06/01/2005	86.27	14.05	72.22
AGW106	07/05/2005	86.27	14.25	72.02
AGW106	08/09/2005	86.27	15.43	70.84
AGW106	09/08/2005	86.27	16.75	69.52
AGW106	10/03/2005	86.27	17.58	68.69
AGW106	11/08/2005	86.27	17.12	69.15
AGW106	12/05/2005	86.27	15.92	70.35
AGW106	01/09/2006	86.27	13.50	72.77
AGW106	02/01/2006	86.27	10.44	75.83
AGW106R	10/02/2006	90.97	22.48	68.49
AGW106R	01/23/2007	90.97	15.47	75.50
AGW106R	04/03/2007	90.97	15.60	75.37
AGW106R	06/12/2007	90.97	17.96	73.01
AGW106R	09/12/2007	90.97	21.58	69.39
AGW106R	12/11/2007	90.97	20.66	70.31
AGW106R	03/12/2008	90.97	18.12	72.85
AGW107	06/16/2004	86.45	14.70	71.75
AGW107	08/03/2004	86.45	16.37	70.08
AGW107	08/24/2004	86.45	17.48	68.97
AGW107	12/08/2004	86.45	15.81	70.64
AGW107	01/03/2005	86.45	14.57	71.88
AGW107	02/09/2005	86.45	13.69	72.76
AGW107	03/07/2005	86.45	14.18	72.27
AGW107	04/06/2005	86.45	14.57	71.88
AGW107	05/04/2005	86.45	14.32	72.13
AGW107	06/01/2005	86.45	14.26	72.19
AGW107	07/06/2005	86.45	14.45	72.00
AGW107	08/10/2005	86.45	15.65	70.80
AGW107	09/08/2005	86.45	NM	NM
AGW107	10/03/2005	86.45	17.70	68.75
AGW107	11/09/2005	86.45	17.24	69.21
AGW107	12/05/2005	86.45	16.13	70.32
AGW107	01/09/2006	86.45	13.64	72.81
AGW107	02/02/2006	86.45	10.57	75.88

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW108	06/16/2004	86.55	14.72	71.83
AGW108	08/03/2004	86.55	16.49	70.06
AGW108	08/24/2004	86.55	17.58	68.97
AGW108	12/09/2004	86.55	15.90	70.65
AGW108	01/04/2005	86.55	14.73	71.82
AGW108	02/09/2005	86.55	13.83	72.72
AGW108	03/08/2005	86.55	14.33	72.22
AGW108	04/06/2005	86.55	14.71	71.84
AGW108	05/04/2005	86.55	14.45	72.10
AGW108	06/02/2005	86.55	14.33	72.22
AGW108	07/06/2005	86.55	14.60	71.95
AGW108	08/10/2005	86.55	15.79	70.76
AGW108	09/08/2005	86.55	17.05	69.50
AGW108	10/04/2005	86.55	17.86	68.69
AGW108	11/09/2005	86.55	17.39	69.16
AGW108	12/05/2005	86.55	16.28	70.27
AGW108	01/10/2006	86.55	13.67	72.88
AGW108	02/02/2006	86.55	10.72	75.83
AGW109	06/16/2004	86.37	14.70	71.67
AGW109	08/03/2004	86.37	16.32	70.05
AGW109	08/24/2004	86.37	17.40	68.97
AGW109	12/09/2004	86.37	15.72	70.65
AGW109	01/04/2005	86.37	14.54	71.83
AGW109	02/09/2005	86.37	13.64	72.73
AGW109	03/08/2005	86.37	14.15	72.22
AGW109	04/06/2005	86.37	14.51	71.86
AGW109	05/04/2005	86.37	14.24	72.13
AGW109	06/02/2005	86.37	14.13	72.24
AGW109	07/06/2005	86.37	14.40	71.97
AGW109	08/10/2005	86.37	15.60	70.77
AGW109	09/08/2005	86.37	16.86	69.51
AGW109	10/04/2005	86.37	17.67	68.70
AGW109	11/09/2005	86.37	17.21	69.16
AGW109	12/05/2005	86.37	16.05	70.32
AGW109	01/10/2006	86.37	13.46	72.91
AGW109	02/03/2006	86.37	10.44	75.93
AGW110	06/17/2004	86.59	14.47	72.12
AGW110	08/03/2004	86.59	16.63	69.96
AGW110	08/24/2004	86.59	17.67	68.92
AGW110	12/09/2004	86.59	15.99	70.60
AGW110	01/04/2005	86.59	14.82	71.77
AGW110	02/09/2005	86.59	13.90	72.69

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW110	03/08/2005	86.59	14.45	72.14
AGW110	04/06/2005	86.59	14.80	71.79
AGW110	05/04/2005	86.59	14.56	72.03
AGW110	06/02/2005	86.59	14.45	72.14
AGW110	07/06/2005	86.59	14.72	71.87
AGW110	08/11/2005	86.59	15.93	70.66
AGW110	09/08/2005	86.59	17.15	69.44
AGW110	10/04/2005	86.59	17.98	68.61
AGW110	11/09/2005	86.59	NM	
AGW110	12/05/2005	86.59	16.33	70.26
AGW110	01/10/2006	86.59	13.70	72.89
AGW110	02/03/2006	86.59	10.72	75.87
AGW110R	10/02/2006	91.06	22.62	68.44
AGW110R	01/23/2007	91.06	15.63	75.43
AGW110R	04/03/2007	91.06	15.78	75.28
AGW110R	06/12/2007	91.06	18.15	72.91
AGW110R	09/12/2007	91.06	21.74	69.32
AGW110R	12/11/2007	91.06	20.82	70.24
AGW110R	03/12/2008	91.06	18.30	72.76
AGW111	06/16/2004	86.55	14.76	71.79
AGW111	08/03/2004	86.55	16.59	69.96
AGW111	08/24/2004	86.55	17.60	68.95
AGW111	12/09/2004	86.55	15.97	70.58
AGW111	01/04/2005	86.55	14.79	71.76
AGW111	02/09/2005	86.55	13.91	72.64
AGW111	03/08/2005	86.55	14.43	72.12
AGW111	04/06/2005	86.55	14.80	71.75
AGW111	05/04/2005	86.55	14.52	72.03
AGW111	06/02/2005	86.55	14.43	72.12
AGW111	07/06/2005	86.55	14.63	71.92
AGW111	08/11/2005	86.55	15.91	70.64
AGW111	09/08/2005	86.55	17.13	69.42
AGW111	10/04/2005	86.55	17.92	68.63
AGW111	11/10/2005	86.55	17.43	69.12
AGW111	12/05/2005	86.55	16.32	70.23
AGW111	01/10/2006	86.55	13.67	72.88
AGW111	02/03/2006	86.55	10.69	75.86
AGW112	06/17/2004	86.45	14.43	72.02
AGW112	08/03/2004	86.45	16.57	69.88
AGW112	08/24/2004	86.45	17.54	68.91
AGW112	12/09/2004	86.45	15.93	70.52
AGW112	01/04/2005	86.45	14.76	71.69

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW112	02/09/2005	86.45	13.86	72.59
AGW112	03/08/2005	86.45	14.38	72.07
AGW112	04/06/2005	86.45	14.76	71.69
AGW112	05/04/2005	86.45	14.49	71.96
AGW112	06/02/2005	86.45	14.38	72.07
AGW112	07/06/2005	86.45	14.65	71.80
AGW112	08/11/2005	86.45	15.88	70.57
AGW112	09/08/2005	86.45	17.10	69.35
AGW112	10/04/2005	86.45	17.88	68.57
AGW112	11/10/2005	86.45	17.41	69.04
AGW112	12/06/2005	86.45	16.23	70.22
AGW112	01/10/2006	86.45	13.62	72.83
AGW112	02/06/2006	86.45	10.61	75.84
AGW112R	10/02/2006	90.96	22.58	68.38
AGW112R	01/23/2007	90.96	15.60	75.36
AGW112R	04/03/2007	90.96	15.80	75.16
AGW112R	06/12/2007	90.96	18.17	72.79
AGW112R	09/12/2007	90.96	21.71	69.25
AGW112R	12/11/2007	90.96	20.78	70.18
AGW112R	03/12/2008	90.96	18.26	72.70
AGW113	06/15/2004	86.19	14.50	71.69
AGW113	08/03/2004	86.19	16.37	69.82
AGW113	08/24/2004	86.19	17.47	68.72
AGW113	12/10/2004	86.19	15.61	70.58
AGW113	01/05/2005	86.19	14.48	71.71
AGW113	02/10/2005	86.19	13.53	72.66
AGW113	04/06/2005	86.19	14.44	71.75
AGW113	05/03/2005	86.19	14.17	72.02
AGW113	06/02/2005	86.19	14.01	72.18
AGW113	07/06/2005	86.19	14.34	71.85
AGW113	08/12/2005	86.19	15.69	70.50
AGW113	09/08/2005	86.19	16.90	69.29
AGW113	10/03/2005	86.19	17.63	68.56
AGW113	11/10/2005	86.19	17.19	69.00
AGW113	12/06/2005	86.19	15.93	70.26
AGW113	01/09/2006	86.19	13.47	72.72
AGW113	02/06/2006	86.19	10.19	76.00
AGW114	06/15/2004	86.45	14.65	71.80
AGW114	08/03/2004	86.45	16.41	70.04
AGW114	08/24/2004	86.45	17.51	68.94
AGW114	01/05/2005	86.45	15.70	70.75
AGW114	02/10/2005	86.45	13.67	72.78

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW114	04/06/2005	86.45	14.56	71.89
AGW114	05/04/2005	86.45	14.28	72.17
AGW114	06/02/2005	86.45	14.17	72.28
AGW114	07/06/2005	86.45	14.47	71.98
AGW114	08/12/2005	86.45	15.76	70.69
AGW114	09/08/2005	86.45	17.00	69.45
AGW114	10/03/2005	86.45	17.76	68.69
AGW114	11/10/2005	86.45	17.25	69.20
AGW114	12/06/2005	86.45	16.04	70.41
AGW114	01/09/2006	86.45	13.59	72.86
AGW114	02/06/2006	86.45	10.33	76.12
AGW122		86.61	14.91	71.7
AGW122	02/07/2005	86.61	13.67	72.94
AGW122	05/03/2005	86.61	14.25	72.36
AGW122	08/09/2005	86.61	15.68	70.93
AGW122	11/08/2005	86.61	17.36	69.25
AGW122	02/02/2006	86.61	10.51	76.1
AGW123		86.54	14.89	71.65
AGW124		86.45	14.76	71.69
AGW125	04/02/2007	88.85	14.03	74.82
AGW125	06/11/2007	88.85	16.36	72.49
AGW125	09/12/2007	88.85	19.88	68.97
AGW125	12/11/2007	88.85	19.01	69.84
AGW125	03/13/2008	88.85	16.44	72.41
IW1(S)	06/17/2004	86.56	14.17	72.39
IW1(S)	08/03/2004	86.56	16.44	70.12
IW1(S)	08/24/2004	86.56	17.42	69.14
IW3(S)	08/03/2004	86.47	16.33	70.14
IW3(S)	08/24/2004	86.47	17.42	69.05
IW5(S)	06/18/2004	86.61	14.63	71.98
IW5(S)	08/03/2004	86.61	16.47	70.14
IW5(S)	08/24/2004	86.61	17.57	69.04
IW5(S)	12/08/2004	86.61	15.88	70.73
IW5(S)	01/03/2005	86.61	14.68	71.93
IW5(S)	02/07/2005	86.61	13.76	72.85
IW5(S)	04/04/2005	86.61	14.50	72.11
IW5(S)	05/03/2005	86.61	14.32	72.29

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
IW5(S)	06/01/2005	86.61	14.26	72.35
IW5(S)	07/05/2005	86.61	14.10	72.51
IW5(S)	08/09/2005	86.61	15.67	70.94
IW5(S)	09/07/2005	86.61	16.95	69.66
IW5(S)	10/03/2005	86.61	17.76	68.85
IW5(S)	11/08/2005	86.61	17.43	69.18
IW5(S)	12/05/2005	86.61	16.14	70.47
IW5(S)	01/09/2006	86.61	13.73	72.88
IW5(S)	02/02/2006	86.61	10.68	75.93
IW7(S)	08/03/2004	86.43	16.30	70.13
IW7(S)	08/24/2004	86.43	17.36	69.07
IW9(S)	08/03/2004	86.14	16.05	70.09
IW9(S)	08/24/2004	86.14	17.18	68.96
IW10(S)	06/18/2004	86.52	14.30	72.22
IW11(S)	08/03/2004	86.42	16.32	70.10
IW11(S)	08/24/2004	86.42	17.43	68.99
IW13(S)	08/03/2004	86.46	16.35	70.11
IW13(S)	08/24/2004	86.46	17.44	69.02
IW15(S)	06/21/2004	86.43	14.68	71.75
IW15(S)	08/03/2004	86.43	dry	dry
IW15(S)	08/24/2004	86.43	---	---
IW17(S)	08/03/2004	86.43	16.22	70.21
IW17(S)	08/24/2004	86.43	dry	dry
IW19(S)	08/03/2004	86.34	16.15	70.19
IW19(S)	08/24/2004	86.34	17.26	69.08
IW20(S)	06/21/2004	86.56	14.55	72.01
IW21(S)	08/03/2004	86.41	16.24	70.17
IW21(S)	08/24/2004	86.41	17.35	69.06
IW23(S)	08/03/2004	86.26	16.06	70.20
IW23(S)	08/24/2004	86.26	17.15	69.11
IW25(S)	06/21/2004	86.52	14.49	72.03
IW25(S)	08/03/2004	86.52	16.11	70.41

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
IW25(S)	08/24/2004	86.52	16.70	69.82
IW27(S)	08/03/2004	86.54	16.50	70.04
IW27(S)	08/24/2004	86.54	17.63	68.91
IW29(S)	08/03/2004	86.55	16.56	69.99
IW29(S)	08/24/2004	86.55	17.55	69.00
IW31(S)	06/21/2004	86.64	14.80	71.84
IW31(S)	08/03/2004	86.64	16.60	70.04
IW31(S)	08/24/2004	86.64	17.61	69.03
IW31(S)	02/09/2005	86.64	13.91	72.73
IW31(S)	05/04/2005	86.64	14.52	72.12
IW31(S)	08/10/2005	86.64	15.89	70.75
IW31(S)	11/09/2005	86.64	17.53	69.11
IW31(S)	02/02/2006	86.64	10.71	75.93

(a) To north end of well casing

NM = Not measured.

APPENDIX A

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW003	12/19/2003	86.61	16.23	70.38
AGW003	06/16/2004	86.61	14.70	71.91
AGW003	08/03/2004	86.61	16.56	70.05
AGW003	08/24/2004	86.61	17.66	68.95
AGW003	12/08/2004	86.61	16.00	70.61
AGW003	01/03/2005	86.61	14.76	71.85
AGW003	02/07/2005	86.61	13.81	72.80
AGW003	03/07/2005	86.61	14.38	72.23
AGW003	04/04/2005	86.61	14.76	71.85
AGW003	05/02/2005	86.61	14.52	72.09
AGW003	06/01/2005	86.61	14.42	72.19
AGW003	07/05/2005	86.61	14.60	72.01
AGW003	08/09/2005	86.61	15.80	70.81
AGW003	09/07/2005	86.61	17.60	69.01
AGW003	10/03/2005	86.61	17.93	68.68
AGW003	11/08/2005	86.61	17.52	69.09
AGW003	12/06/2005	86.61	16.23	70.38
AGW003	01/09/2006	86.61	13.82	72.79
AGW003	02/01/2006	86.61	10.76	75.85
AGW055R	04/02/2007	86.31	11.38	74.93
AGW055R	06/11/2007	86.31	13.58	72.73
AGW055R	09/11/2007	86.31	17.02	69.29
AGW055R	12/12/2007	86.31	16.50	69.81
AGW055R	03/13/2008	86.31	13.73	72.58
AGW057R	04/19/2007	89.64	14.14	75.50
AGW057R	06/11/2007	89.64	16.06	73.58
AGW057R	09/11/2007	89.64	19.66	69.98
AGW057R	12/12/2007	89.64	18.81	70.83
AGW057R	03/13/2008	89.64	16.22	73.42
AGW060R	04/19/2007	89.11	13.48	75.63
AGW060R	06/11/2007	89.11	15.51	73.60
AGW060R	09/11/2007	89.11	19.23	69.88
AGW060R	12/12/2007	89.11	18.18	70.93
AGW060R	03/13/2008	89.11	15.64	73.47
AGW072	04/02/2007	89.63	14.90	74.73
AGW072	06/11/2007	89.63	17.18	72.45
AGW072	09/12/2007	89.63	20.64	68.99
AGW072	12/11/2007	89.63	19.76	69.87
AGW072	03/13/2008	89.63	17.31	72.32

APPENDIX A

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW095R	04/03/2007	85.53	10.79	74.74
AGW095R	06/11/2007	85.53	13.02	72.51
AGW095R	09/11/2007	85.53	16.38	69.15
AGW095R	12/12/2007	85.53	15.57	69.96
AGW095R	03/13/2008	85.53	13.12	72.41
AGW126	04/02/2007	88.88	14.09	74.79
AGW126	06/11/2007	88.88	16.42	72.46
AGW126	09/12/2007	88.88	19.98	68.90
AGW126	12/11/2007	88.88	19.02	69.86
AGW126	03/13/2008	88.88	16.52	72.36
IW1(I)	08/24/2004	86.60	17.57	69.03
IW3(I)	08/24/2004	86.47	17.44	69.03
IW5(I)	08/24/2004	86.61	17.57	69.04
IW5(I)	12/08/2004	86.61	15.84	70.77
IW5(I)	01/03/2005	86.61	14.68	71.93
IW5(I)	05/03/2005	86.61	14.43	72.18
IW5(I)	06/01/2005	86.61	14.32	72.29
IW5(I)	07/05/2005	86.61	14.15	72.46
IW5(I)	08/09/2005	86.61	15.83	70.78
IW5(I)	09/07/2005	86.61	17.05	69.56
IW5(I)	10/03/2005	86.61	17.93	68.68
IW5(I)	11/08/2005	86.61	17.47	69.14
IW5(I)	12/05/2005	86.61	16.28	70.33
IW5(I)	01/09/2006	86.61	13.81	72.80
IW5(I)	02/02/2006	86.61	10.69	75.92
IW7(I)	08/24/2004	86.43	17.40	69.03
IW9(I)	08/24/2004	86.14	17.05	69.09
IW11(I)	08/24/2004	86.40	17.38	69.02
IW13(I)	08/24/2004	86.44	17.43	69.01
IW15(I)	08/03/2004	86.43	16.21	70.22
IW15(I)	08/24/2004	86.43	17.37	69.06
IW17(I)	08/24/2004	86.41	17.36	69.05
IW19(I)	08/24/2004	86.32	17.24	69.08

APPENDIX A

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
IW21(I)	08/24/2004	86.42	17.36	69.06
IW23(I)	08/24/2004	86.29	17.22	69.07
IW25(I)	08/24/2004	86.51	17.36	69.15
IW27(I)	08/24/2004	86.55	17.61	68.94
IW29(I)	08/24/2004	86.56	17.56	69.00
IW31(I)	08/24/2004	86.62	17.66	68.96

(a) To north end of well casing
NM = Not measured.

APPENDIX A

WATER LEVEL MEASUREMENTS
SHALLOW WELLS
BOEING AUBURN
AREA1

Location	Date	Measuring Point Elevation (ft)	Depth to Water (ft) (a)	Groudwater Elevation (ft)
AGW063	12/19/2003	86.27	15.85	70.42
AGW063	08/03/2004	86.27	16.19	70.08
AGW063	08/24/2004	86.27	17.27	69.00
AGW073	04/02/2007	89.56	14.84	74.72
AGW073	06/11/2007	89.56	17.10	72.46
AGW073	09/11/2007	89.56	20.53	69.03
AGW073	12/11/2007	89.56	19.68	69.88
AGW073	03/13/2008	89.56	17.22	72.34
AGW098R	04/03/2007	85.81	10.92	74.89
AGW098R	06/11/2007	85.81	13.36	72.45
AGW098R	09/11/2007	85.81	16.73	69.08
AGW098R	12/12/2007	85.81	15.88	69.93
AGW098R	03/13/2008	85.81	13.45	72.36

(a) To north end of well casing

APPENDIX B

Area 1 Redox Data

TABLE B-1

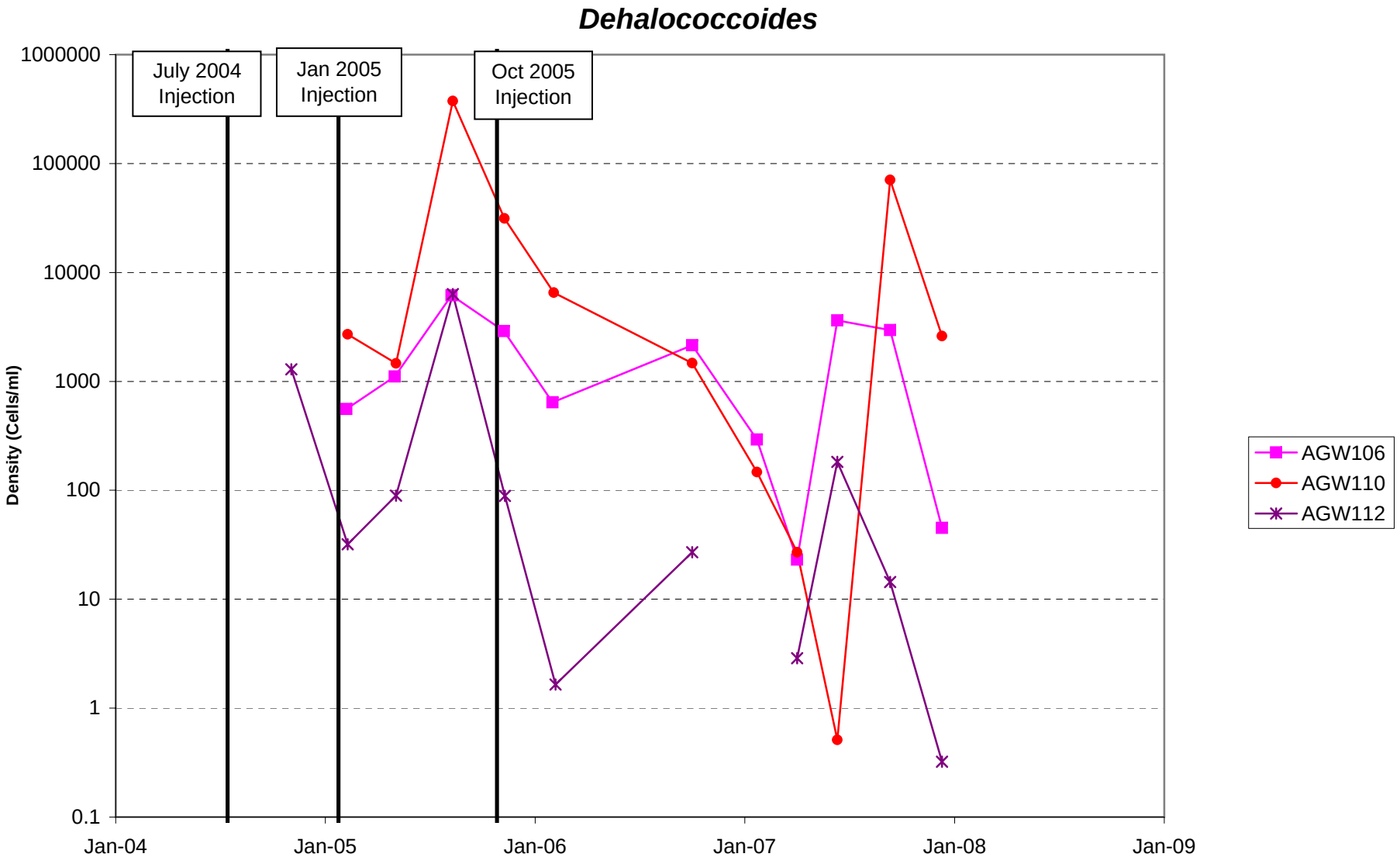
Q-PCR ANALYTICAL RESULTS
BOEING AUBURN AREA 1

Location	Lab ID	Date Collected	"Universal" Bacteria (a)(b) Abundance 16S rRNA gene copies/mL		Dechlorinating Bacteria Dehalococcoides spp. (c)(d) Abundance 16S rRNA gene copies/mL		Ratio eBAC/DHC	Functional Genes (BVC) bvcA gene copies/bead		(TCE) Abundance tceA gene copies/bead		(VCR) vcrA gene copies/bead
AGW106	GT17R	06/18/2004	1.53E+06		ND		---					
AGW106	HH53D/F	11/01/2004	2.14E+07		ND		---					
AGW106	HS02C/L	02/07/2005	4.80E+07		5.57E+02		86,176 to 1					
AGW106	IA41I/P	05/02/2005	1.02E+07		1.11E+03		9,189 to 1					
AGW106	IJ85G/K	08/09/2005	2.33E+07		6.17E+03		3,776 to 1					
AGW106	IS69D	11/8/2005	4.02E+07		2.90E+03		13,862 to 1					
AGW106	JA00C	2/1/2006	3.39E+07		6.41E+02		52,886 to 1					
AGW106R	JZ36A	10/2/2006	2.07E+07		2.15E+03		9,628 to 1					
AGW106R	KM13C	1/23/2007	3.01E+07		2.92E+02		103,082 to 1	4.9E+00		ND		1.35E+01
AGW106R/106R-Dup	KT74O/KT74P	4/3/2007	1.16E+07/3.83E+06	J	2.31E+01/1.11E+00	J	502,165 to 1	2.49E-01 J/ND		ND/ND		ND/ND
AGW106R/106R-Dup	LC95Q/LC95V	6/12/2007	1.34E+07/7.32E+06	J	3.63E+03/1.30E+00	J	3,691 to 1	2.50+01/ND		ND/ND		3.57E+03/ND
AGW106R	LP42Q	9/12/2007	1.48E+07		2.96E+03		5,000 to 1	6.79E+00		ND		9.14E+01
AGW106R	MB53A	12/11/2007	9.01E+06		4.52E+01		199,336 to 1	4.30E-01	J	<5.15E-01		1.19E+00
AGW110	GT17U	06/18/2004	2.01E+06		ND		---					
AGW110	HH65F/J	11/02/2004	1.11E+06		ND		---					
AGW110	HS30E/J	02/09/2005	3.75E+07		2.70E+03		13,889 to 1					
AGW110	IA48D/L	05/04/2005	2.75E+06		1.46E+03		1,884 to 1					
AGW110	IK34A/K	08/11/2005	4.59E+07		3.74E+05		123 to 1					
AGW110	IT02H	11/9/2005	2.88E+07		3.14E+04		917 to 1					
AGW110	JA23E	2/3/2006	2.35E+07		6.52E+03		3,604 to 1					
AGW110R	JZ36B	10/2/2006	2.59E+06		1.47E+03		1,762 to 1					
AGW110R	KM13D	1/23/2007	7.33E+05		1.47E+02		4,986 to 1	1.69E-01 J		ND		1.59E+01
AGW110R	KT74L	4/3/2007	3.2E+05		2.70E+01		11,852 to 1	1.73E-01 J		ND		7.35E+01
AGW110R	LC95R	6/12/2007	1.78E+04		5.11E-01	J	34,834 to 1	ND		ND		ND
AGW110R	LP42R	9/12/2007	7.71E+06		7.06E+04		109 to 1	3.86-02 J		ND		2.11E+04
AGW110R	MB53C	12/11/2007	7.99E+06		2.61E+03		3,061 to 1	4.75E+01		<5.21E-01		2.49E+03
AGW112	GT17X	06/18/2004	4.76E+03		ND		---					
AGW112	HH72D/H	11/03/2004	6.75E+08		1.29E+03		523,256 to 1					
AGW112	HS30G/K	02/09/2005	1.66E+07		3.19E+01		520,376 to 1					
AGW112	IA48F/M	05/04/2005	2.67E+06		8.94E+01		29,866 to 1					
AGW112	IK34C/L	08/11/2005	3.93E+07		6.34E+03		6,199 to 1					
AGW112	IT02L	11/10/2005	4.08E+07		8.87E+01		459,977 to 1					
AGW112	JA23G	2/6/2006	1.04E+07		1.65E+00	J	6,303.030 to 1					
AGW112R	JZ36C	10/2/2006	1.32E+07		2.7E+01		488,889 to 1					
AGW112R	KM13E	1/23/2007	1.28E+05		ND		---	ND		ND		ND
AGW112R	KT74M	4/3/2007	3.71E+04		2.88E+00		12,882 to 1	ND		ND		ND
AGW112R	LC95S	6/12/2007	1.97E+07		1.82E+02		108,242 to 1	1.36E+00		ND		1.76E+00
AGW112R	LP42S	9/12/2007	1.22E+06		1.44E+01		84,722 to 1	ND		ND		ND
AGW112R	MB53B	12/11/2007	8.49E+03		3.22E-01	J	26,366 to 1	<5.88E-01		<5.88E-01		<5.88E-01

ND = Not detected.
J = Estimated gene copies below PQL but above LQL.

(a) Assuming eubacteria contain 3.5rRNA operons per genome, the value given also may represent the number of cells per mL or g of sample for bacteria in this phylogenetic group.
(b) The practical quantitation limit (PQL) is ~$1*10^3$ 16S rRNA gene copies per sample.
(c) Assuming *Dehalococcoide*s ethenogenes contain 1 rRNA operons per genome, the value given may represent the number of cells per mL or g of sample for bacteria in this phylogenetic group.
(d) The practical quantitation limit (PQL) is ~$5*10^2$ 16S rRNA gene copies per sample.

Note: Quantitative Real time PCR (Q-PCR) was used to determine the number of eubacteria, sulfate, and iron reducing bacteria, and *Dehalococcoldes* spp. gene copies in DNA extracted from each sample.



Note: Non-detects are plotted as zero.

TABLE B-2

REDOX
BOEING AUBURN AREA 1

		Elapsed Time from Injections (a) (days)			Volatile Organic Compounds (all units in ug/L)						Aquifer Redox Conditions					Donor Indicators		
Well	Date	1st Injection	2nd Injection	3rd Injection	PCE (µg/L)	TCE (µg/L)	CIS (µg/L)	VC (µg/L)	Ethene (µg/L)	Ethane (µg/L)	DO (mg/L)	ORP (mV)	Iron II (mg/L)	Sulfate (mg/L)	Methane (µg/L)	TOC (mg/L)	pH	Comments
AGW001	6/28/1994					5.6												
	9/21/1994					4.7												
	3/22/1995					3.3												
	12/8/1995				<1	3	<1	<2										
	3/27/1996				<1	4	<1	<2										
	6/19/1996				<1	3.1	<1	<2										
	9/25/1996				<1	3.3	<1	<2										
	12/11/1996				<1	3.7	<1	<2										
	3/12/1997				<1	3.4	<1	<2										
	9/8/1997				<0.2	2.7	<0.2	<0.2										
	3/24/1998				<0.2	4	<0.2	<0.2										
	9/1/1998				<0.2	3.6	<0.2	<0.2										
	2/15/1999				<0.2	3.8	<0.2	<0.2										
	8/25/1999				<1	3.3	<1	<1										
	3/8/2000				<1	3.6	<1	<1										
	11/6/2000				<0.2	4.1	<0.2	<0.2										
	5/15/2001				<0.2	3.9	<0.2	<0.2										
	11/6/2001				<0.2	4	<0.2	<0.2										
	5/21/2002				<0.2	4.8	<0.2	<0.2										
	11/24/2002				<0.2	4.8	<0.2	<0.2										
	5/22/2003				<0.2	4.1	<0.2	<0.2										
	12/16/2003				<0.2	3.5	<0.2	<0.2										
	6/1/2004				<0.2	3.8	<0.2	<0.02										
	12/7/2004	133			<0.2	4.3	<0.2	<0.02										
	5/24/2005	301	112		<0.2	3.8	<0.2	<0.02										
	12/1/2005	492	303	35	<0.2	4.9	<0.2	<0.02										
AGW001R	04/19/2007	996	807	539	<0.2	3.9	<0.2	<0.2			5.43	8.2					6.51	Clear, no odor or sheen
AGW001R	06/11/2007	1049	860	592	0.2	4.5	<0.2	<0.2			5.70	24.7					6.16	Clear, no odor or sheen
AGW001R	09/11/2007	1141	952	684	0.2	4.5	<0.2	<0.2			7.13	36.3					6.12	Clear, no odor or sheen
AGW001R	12/12/2007	1233	1044	776	0.2	4.4	<0.2	<0.2			4.09	23.7					6.19	Clear, no odor or sheen
AGW002	2/18/1999				0.4	2.4	4.4	6.1										
	8/31/1999				<1	1.8	1.4	6.3										
	3/15/2000				<1	2.7	2.8	8.5										
	11/9/2000				0.2	4.9	2.2	4.7										
	5/22/2001				0.3	5.2	2.1	1.9										
	11/6/2001				0.3	6.5	3.1	1.9										
	5/21/2002				0.2	5.9	5.5	5.5										
	11/23/2002				<0.4	7.1	2.9	3.3										
	5/23/2003				<0.6	7.3	4.4	3.4										
	12/19/2003				0.3	7.5	2.1	2.2				349	1.0	49		1.8		
	6/17/2004				<0.6	7.0	5.0	3.5	<0.5	<0.5	0.00	13.0	3.8	36.8	0.62	10.1	6.37	
	8/30/2004	34			<0.6	1.6	3.9	1.5	<0.5	<0.5	0.35	-105	4.2	1.1	420	1950	5.92	Slightly yellowish, clear, cat food odor, no sheen
	10/4/2004	69			<1.0	1.6	6.6	1.1	<0.5	<0.5	0.23	39.7	4.4	10.1	510	2020	6.31	Yellowish, slightly turbid, strong sulfur odor, sheen on purge water, slightly effervescent
	11/1/2004	97			<1.0	1.3	10	2.7	<0.5	<0.5	1.48	36.5	5.2	0.6	140	678	6.45	Brownish, mostly clear, sulfur odor, sheen on purge water
	12/8/2004	134			<1.0	<1.0	7.6	1.2	<0.5	<0.5	5.37	21.1	3.4	0.1	4200	194	7.03	Yellowish, clear, cereal odor, slight sheen on purge water, very effervescent
	1/3/2005	160			<0.2	0.6	7.6	1.6	<0.5	<0.5	0.00	17.3	4.2	16.5	610	70.0	7.13	Purge water is very black, mod turbidity (black flecks in samples), can't smell odor, sheen/scum on purge water, very effervescent
	2/10/2005	198	9		<0.2	0.4	6.0	2.3	<0.5	<0.5	0.00	15.7	3.5	1.5	4000	67.6	7.05	Yellowish, clear, sulfur odor, no sheen, very effervescent
	3/7/2005	223	34		<0.2	0.4	5.1	2.4	<0.5	<0.5	0.00	17.1	4.4	2.7	4100	67.4	6.75	Yellowish, clear, sulfur odor, sheen on purge water, samples very effervescent, black flecks in samples

TABLE B-2

REDOX
BOEING AUBURN AREA 1

		Elapsed Time from Injections (a) (days)			Volatile Organic Compounds (all units in ug/L)						Aquifer Redox Conditions					Donor Indicators		
Well	Date	1st Injection	2nd Injection	3rd Injection	PCE (µg/L)	TCE (µg/L)	CIS (µg/L)	VC (µg/L)	Ethene (µg/L)	Ethane (µg/L)	DO (mg/L)	ORP (mV)	Iron II (mg/L)	Sulfate (mg/L)	Methane (µg/L)	TOC (mg/L)	pH	Comments
AGW001	6/28/1994					5.6												
	4/4/2005	251	62		<0.2	0.2	4.6	1.8	<0.5	<0.5	0.00	17.8	3.9	3.5	870	99.8	6.67	Black (purgewater), yellowish (samples), black flecks in samples, sulfur odor, slight sheen on purge water, very effervescent (frothy)
	5/3/2005	280	91		<0.2	0.3	4.4	2.1	<0.5	<0.5	0.00	8.2	3.5	7.4	1700	116	7.20	Yellowish, black flecks in samples, slight sheen on purge water, no odor, very effervescent
	6/1/2005	309	120		<0.2	0.4	5.0	3.0	<0.5	<0.5	0.00	15	7.0	9.4	2700	80.0	6.94	Blackish gray purge water, yellowish samples, slightly turbid, cereal odor, no sheen, very effervescent
	7/5/2005	343	154		<0.2	0.5	4.6	3.4	<0.5	<0.5	0.00	9.9	6.0	30.6	8900	40.6	6.88	Yellowish, clear, cereal odor, non sheen, effervescent
	8/9/2005	378	189		<0.2	0.6	4.8	3.4	<0.5	<0.5	0.00	17.5	4.8	44.1	1400	10.2	7.12	Yellow, slightly cloudy, cereal odor, no sheen, very effervescent
	9/7/2005	407	218		<0.2	0.6	5.5	3.0	<0.5	<0.5	0.00	19.3	4.4	51.8	570	34.2	6.89	Yellow-Brown, muky-not clear, slight odor, no sheen, effervescing-bubbly
	10/3/2005	433	244		<0.2	0.4	4.2	3.7	<0.5	<0.5	0.00	-1.4	4.5	65.8	400	38.8	5.06	Yellowish-brown colored, slightly effervescent
	11/8/2005	469	280	12	<0.2	0.4	3.3	2.8	<0.5	<0.5	0.06	23.9	8.6	69.6	1600	36.6	6.56	Slightly yellowish, clear, no clear odor, no sheen, very effervescent
	12/6/2005	497	308	40	<0.2	0.4	3.0	3.2	<11.4	<12.3	0.91	145.9	6.0	4.6	6550	43.6	6.81	Mostly clear, slight turbidity, minimal odor, yellowish tint
	1/10/2006	532	343	75	<0.2	<0.2	2.8	1.7	<11.4	<12.3	0.00	23.1	6.2	0.7	13500	49.2	7.16	Yellowish brown, slightly cloudy, sulfur odor and cereal odor, effervescenece in acid preserved bottles
	2/2/2006	555	366	98	<0.2	0.2	2.5	3.0	<11.4	<12.3	0.00	28.5	6.6	4.7	15200	50.8	7.49	Yellowish, black flecks in water, cereal/sulfur odor, no sheen, effervescence in preserved bottles only
AGW002R	10/2/2006	797	608	340	<0.2	3.6	2.6	0.5	<1.1	<1.2	4.80		3.5	66.9	4980	86.0	6.89	---
AGW002R	1/23/2007	910	721	453	<0.2	0.3	2.1	0.6	<1.1	<1.2	0.37	-43.2	7.0	0.3	12200	298.0	6.46	Slightly yellow, clear, sulfur odor, slight sheen on purge water, effervescent
AGW002R	4/3/2007	980	791	523	<0.2	<0.2	1.6	0.62	<1.1	<1.2	0.24	-82.4	3.0	0.8	14600	216.0	6.67	Clear, no sheen, slight methane odor
AGW002R	6/12/2007	1050	861	593	<0.2	<0.2	1.3	0.3	<1.1	<1.2	0.08	-155.3	4.0	1.1	10500	134	6.44	Strong rotten egg odor
AGW002R	9/12/2007	1142	953	685	<0.2	<0.2	1.1	<0.2	<1.1	<1.2	5.65	-109.8	4.6	1.7	3270	92.8	6.69	Slightly yellow, very slightly cloudy, slight sulfur and cereal odor, no sheen
AGW002R	12/11/2007	1232	1043	775	<0.2	<0.2	1.1	0.3	<1.1	<1.2	0.01	-157.0	5.0	1.3	9560	64.4	6.69	Cloudy, frothy and bubbly when sampled, whitish color, slight rotten egg odor
AGW006	6/28/1994					9.4	14											
	7/26/1994					6.2	7.4											
	9/22/1994					12	13											
	3/22/1995					19	19											
	12/7/1995				<1	7.9	11	<2										
	3/26/1996				<1	14	15	<2										
	6/19/1996				<1	12	12	<2										
	9/26/1996				<1	12	15	<2										
	12/18/1996				<1	15	17	<2										
	3/13/1997				<1	12	11	<2										
	12/21/2003				0.4	7.1	3	<0.2										
	3/1/2004				0.3	8	2.8	<0.02										
	6/14/2004				0.2	4.4	1.6	<0.02										
	8/18/2004	22			<0.2	1.3	0.3	<0.02										
	12/9/2004	135			0.2	5	4.9	0.03										
AGW006R	4/2/2007	979	790	522	<0.2	1.1	1.1	0.16			1.02	-8.0					6.45	Clear, no odor, no sheen
AGW006R	6/11/2007	1049	860	592	<0.2	0.5	0.5	<0.2			1.86	5.5					5.92	Clear, no odor, no sheen
AGW006R	9/11/2007	1141	952	684	<0.2	0.8	0.4	<0.2			1.87	189.9					5.87	Clear, rotten egg odor, no sheen
AGW006R	12/12/2007	1233	1044	776	<0.2	2.0	1.4	<0.2			0.80	12.8					6.24	Clear, no odor, no sheen
AGW031	10/3/1994					8.9	5.7											
	3/27/1995					11	3.3											
	12/11/1995				<1	8.6	4	<2										
	3/21/1996				<1	9.5	5.4	<2										
	6/20/1996				<1	7.1	4.7	<2										
	10/2/1996				<1	5.4	3.3	<2										
	3/18/1997				<1	7.6	5.8	<2										
	9/10/1997				<0.2	4.8	2.9	<0.2										

TABLE B-2

REDOX
BOEING AUBURN AREA 1

		Elapsed Time from Injections (a) (days)			Volatile Organic Compounds (all units in ug/L)						Aquifer Redox Conditions					Donor Indicators		
Well	Date	1st Injection	2nd Injection	3rd Injection	PCE (µg/L)	TCE (µg/L)	CIS (µg/L)	VC (µg/L)	Ethene (µg/L)	Ethane (µg/L)	DO (mg/L)	ORP (mV)	Iron II (mg/L)	Sulfate (mg/L)	Methane (µg/L)	TOC (mg/L)	pH	Comments
AGW001	6/28/1994					5.6												
	3/25/1998				<0.2	8.5	4.2	<0.2										
	9/1/1998				<0.2	5.4	2.1	<0.2										
	2/18/1999				<0.2	8.3	2.4	<0.2										
	8/30/1999				<1	2.6	<1	<1										
	3/14/2000				<1	5.7	1.8	<1										
	11/7/2000				<0.2	2.2	0.4	<0.2										
	5/18/2001				<0.2	2.8	0.7	<0.2										
	11/2/2001				<0.2	1.9	0.4	<0.2										
	5/20/2002				<0.2	2.5	0.3	<0.2										
	11/24/2002				<0.2	2.2	0.4	<0.2										
	5/19/2003				<0.2	3.3	0.5	<0.2										
	12/17/2003				<0.2	1.9	0.4	<0.2										
	6/7/2004				<0.2	1.2	<0.2	<0.02										
	12/2/2004	128			<0.2	3.6	0.6	0.025										
	12/1/2005	492	303	35	<0.2	3.3	1.1	0.026										
AGW031R	4/3/2007	980	791	523	<0.2	2.5	2.9	0.060			0.50	-6.6					6.39	Clear, no odor, no sheen
AGW031R	6/11/2007	1049	860	592	<0.2	1.1	2.5	<0.2			2.59	-66.2					6.11	Clear, no odor
AGW031R	9/11/2007	1141	952	684	<0.2	1.8	2.2	<0.2			4.21	-20.1					6.20	Clear, no odor, no sheen
AGW031R	12/12/2007	1233	1044	776	<0.2	2.4	7.2	<0.2			1.01	-116.8					6.24	Clear, no odor, no sheen
AGW053	6/16/2004				0.2	4.5	<0.2	<0.2	<0.5	<0.5	0.05	37.9	0.0	25.7	<0.5	1.5	5.46	
	11/3/2004	99			0.2	6.8	0.6	<0.2	<0.5	<0.5	0.81	42.5	0.0	19.4	<0.5	1.5	6.32	No color, clear, no odor, no sheen
	12/9/2004	135			0.2	5.8	0.6	<0.2	<0.5	<0.5	0.68	41.5	0.0	16.0	5.1	1.5	6.38	No color, clear, no odor, no sheen
	2/9/2005	197	8		0.3	5.6	0.5	<0.2	<0.5	<0.5	0.00	35.7		18.6	0.75	1.5	6.38	---
	5/4/2005	281	92		0.2	4.5	0.8	<0.2	<0.5	<0.5	0.00	38.7	0.0	24.4	12	1.5	6.27	No color, clear, no odor, no sheen
	8/11/2005	380	191		0.2	4.6	1.1	<0.2	<0.5	<0.5	0.00	45.7	0.0	26.4	1.5	1.5	6.20	No color, clear, no odor, no sheen
	11/10/2005	471	282	14	0.2	5.7	0.9	<0.2	<0.5	<0.5	3.81	55.6	0.0	24.5	<0.5	1.5	6.18	No color, clear, no odor, no sheen
	2/6/2006	559	370	102	0.3	4.5	0.4	<0.2	<11.4	<12.3	2.10	51.7	0.0	24.5	64.4	1.5	6.50	No color, clear, no odor, no sheen, very slight effervescence in sample bottles
AGW053R	10/2/2006	797	608	340	0.2	4.0	0.3	<0.2	<1.1	<1.2	1.48		0.0	44.8	15.1	3.45	7.10	---
AGW053R	1/23/2007	910	721	453	0.3	2.6	0.2	<0.2	<1.1	<1.2	1.19	-5.6	0.2	38.6	69.5	1.74	6.21	No color, clear, no odor, no sheen
AGW053R	4/3/2007	980	791	523	0.3	2.7	0.2	0.16	<1.1	<1.2	0.74	7.0	0.0	39.7	137	1.5	6.32	Clear, odorless, no sheen
AGW053R	6/12/2007	1050	861	593	0.3	2.8	0.2	0.3	<1.1	<1.2	0.64	3.1	0.0	33.7	265	1.5	6.14	Clear, no odor, no sheen
AGW053R	9/12/2007	1142	953	685	0.2	3.6	0.5	<0.2	<1.1	<1.2	1.08	162.7	0.0	47.4	167	2.04	6.35	Clear, no odor, no sheen
AGW053R	12/11/2007	1232	1043	775	0.3	3.9	1.5	0.2	<1.1	<1.2	2.32	28.2	0.6	45.0	565	2.10	6.16	Clear, no odor, no sheen
AGW055	10/30/1996				<1	8.4	5.9	<2										
	12/18/1996				<1	11	11	<2										
	3/13/1997				<1	13	11	<2										
	12/21/2003				0.4	4	0.8	<0.2										
	8/11/2005	380	191		0.3	4.1	4.8	0.3										
	12/1/2005	492	303	35	0.2	2.6	1.8	0.11										
AGW055R	4/2/2007	979	790	522	<0.2	1.8	1.9	0.29			1.90	-18.1					6.65	Clear, no odor, no sheen
AGW055R	6/11/2007	1049	860	592	<0.2	2.5	3.0	0.3			0.39	22.0					6.25	Clear, colorless, no odor, no sheen
AGW055R	9/11/2007	1141	952	684	<0.2	1.2	1.5	<0.2			2.15	-463.6					6.51	Colorless, slightly cloudy with small black flecks, slight sulfur odor, no sheen
AGW055R	12/12/2007	1233	1044	776	<0.2	0.8	1.0	<0.2			0.01	-143.2					6.73	Light brown color, cloudy, no odor
AGW057	10/30/1996				1.1	9.6	<1	<2										
	12/17/1996				1.1	9.7	<1	<2										
	3/14/1997				<1	9	<1	<2										
	9/11/1997				1	7.7	0.3	<0.2										

TABLE B-2

REDOX
BOEING AUBURN AREA 1

		Elapsed Time from Injections (a) (days)			Volatile Organic Compounds (all units in ug/L)						Aquifer Redox Conditions					Donor Indicators		
Well	Date	1st Injection	2nd Injection	3rd Injection	PCE (µg/L)	TCE (µg/L)	CIS (µg/L)	VC (µg/L)	Ethene (µg/L)	Ethane (µg/L)	DO (mg/L)	ORP (mV)	Iron II (mg/L)	Sulfate (mg/L)	Methane (µg/L)	TOC (mg/L)	pH	Comments
AGW001	6/28/1994					5.6												
	3/23/1998				1	8.7	0.5	<0.2										
	9/1/1998				0.8	9.9	0.6	<0.2										
	2/22/1999				0.9	9.1	0.8	<0.2										
	8/26/1999				<1	7.3	<1	<1										
	3/9/2000				<1	7.5	<1	<1										
	11/7/2000				0.7	7	0.4	<0.2										
	5/15/2001				0.8	7.2	0.4	<0.2										
	11/6/2001				0.7	6.5	0.5	<0.2										
	5/21/2002				0.7	6.6	0.4	<0.2										
	11/23/2002				0.8	5.7	0.3	<0.2										
	5/22/2003				0.8	7.4	0.3	<0.2										
	12/18/2003				0.6	5.9	<0.2	<0.2										
	6/14/2004				0.8	6	0.2	<0.02										
	12/9/2004	135			0.7	5.3	0.2	<0.02										
	8/11/2005	380	191		0.6	5.2	0.2	<0.2										
	12/1/2005	492	303	35	0.7	5.6	<0.2	<0.02										
AGW057R	4/19/2007	996	807	539	0.4	2.8	<0.2	<0.2			3.56	20.6					6.52	Clear, odorless, no sheen
AGW057R	6/11/2007	1049	860	592	0.6	3.0	<0.2	<0.2			1.50	16.4					6.15	Clear, colorless, no odor, no sheen
AGW057R	9/11/2007	1141	952	684	0.6	2.8	<0.2	<0.2			1.80	17.4					6.11	Clear, colorless, no odor, no sheen
AGW057R	12/12/2007	1233	1044	776	0.6	2.6	<0.2	<0.2			0.01	-67.7					6.38	Clear, no odor or particles
AGW058	10/30/1996				1.2	7.7	<1	<2										
	12/17/1996				<1	6.1	<1	<2										
	3/14/1997				<1	3.1	<1	<2										
	9/11/1997				1	5.8	0.2	<0.2										
	3/23/1998				0.7	3.7	<0.2	<0.2										
	9/1/1998				0.8	7.2	0.3	<0.2										
	2/22/1999				0.8	4	0.2	<0.2										
	8/26/1999				<1	5.4	<1	<1										
	3/9/2000				<1	3.5	<1	<1										
	11/7/2000				0.8	6	0.2	<0.2										
	5/15/2001				0.9	6.4	0.3	<0.2										
	11/6/2001				0.8	6.5	0.3	<0.2										
	5/21/2002				0.6	2.4	<0.2	<0.2										
	11/23/2002				0.8	5	<0.2	<0.2										
	5/22/2003				0.6	2.5	<0.2	<0.2										
	12/18/2003				0.7	4.4	<0.2	<0.2										
	6/14/2004				0.8	2.7	<0.2	<0.02										
	12/9/2004	135			0.8	3.8	<0.2	<0.02										
AGW058R	4/19/2007	996	807	539	0.4	0.5	<0.2	<0.2			3.00	19.0					6.27	Clear, no odor, no sheen
AGW058R	6/11/2007	1049	860	592	0.4	0.9	<0.2	<0.2			4.67	25.7					6.00	Clear, no odor, no sheen
AGW058R	9/11/2007	1141	952	684	<0.2	0.6	<0.2	<0.2			8.54	24.7					6.32	Slightly turbid, no odor, no sheen
AGW058R	12/12/2007	1233	1044	776	0.6	1.5	<0.2	<0.2			1.37	20.6					6.14	Clear, no odor, no sheen
AGW059	10/30/1996				<1	2.1	<1	<2										
	12/16/1996				<1	3	<1	<2										
	3/14/1997				<1	1.8	<1	<2										
	12/16/2003				0.5	1.1	<0.2	<0.2										
AGW059R	4/19/2007	996	807	539	0.4	0.5	<0.2	<0.2			5.49	10.7					6.43	Clear, no odor, no sheen
AGW059R	6/11/2007	1049	860	592	0.5	0.6	<0.2	<0.2			3.10	-36.0					6.54	Clear, no odor, no sheen
AGW059R	9/11/2007	1141	952	684	0.5	0.8	<0.2	<0.2			2.50	136.1					6.24	Clear, colorless, no odor, no sheen

TABLE B-2

REDOX
BOEING AUBURN AREA 1

		Elapsed Time from Injections (a) (days)			Volatile Organic Compounds (all units in ug/L)						Aquifer Redox Conditions					Donor Indicators		
Well	Date	1st Injection	2nd Injection	3rd Injection	PCE (µg/L)	TCE (µg/L)	CIS (µg/L)	VC (µg/L)	Ethene (µg/L)	Ethane (µg/L)	DO (mg/L)	ORP (mV)	Iron II (mg/L)	Sulfate (mg/L)	Methane (µg/L)	TOC (mg/L)	pH	Comments
AGW001	6/28/1994					5.6												
AGW059R	12/12/2007	1233	1044	776	0.6	0.6	<0.2	<0.2			2.50	136.1					6.18	Clear, no odor or sheen
AGW060	10/30/1996				1	4.2	<1	<2										
	12/16/1996				<1	3.5	<1	<2										
	3/14/1997				<1	3.3	<1	<2										
	12/16/2003				0.7	1.8	<0.2	<0.2										
AGW060R	4/19/2007	996	807	539	<0.2	1.4	2.8	<0.2			1.84	-10.6					6.80	Clear, no odor or sheen
AGW060R	6/11/2007	1049	860	592	<0.2	2.0	4.0	<0.2			2.20	81.1					6.34	No color, slightly cloudy, slight sulfur odor at start, no sheen
AGW060R	9/11/2007	1141	952	684	<0.2	2.1	4.0	<0.2			4.83	-398.0					6.41	Clear, no color, slight cereal odor, very slightly effervescent
AGW060R	12/12/2007	1233	1044	776	<0.2	1.8	3.7	<0.2			0.01	-112.1					6.77	Clear, slight rotten egg odor
AGW066	2/10/2005	198	9		<0.2	12	3.4	<0.2			0.00	50.2					5.92	No color, clear, no odor, no sheen
	5/3/2005	280	91		<0.2	11	4.1	<0.2	<0.5	<0.5	0.00	53.8	3.8	23.8	29	1.5	6.28	No color, clear, no odor, no sheen
	8/12/2005	381	192		<0.2	13	4.9	<0.2	<0.5	<0.5	1.93	45.8	3.0	31.2	83	1.5	5.96	Clear, colorless
	11/9/2005	470	281	13	<0.2	12	4.3	<0.2	<0.5	<0.5	0.00	62.1	6.0	42.2	110	1.5	5.65	No color, clear, no odor, no sheen
	12/1/2005	492	303	35	<0.2	13	4.6	<0.2			0.92	197					6.18	---
	2/3/2006	556	367	99	<0.2	12	4.2	<0.2	<11.4	<12.3	0.21	76.5	4.4	22.1	701	1.5	6.07	No color, clear, no odor, no sheen
	4/17/2006	629	440	172	<0.2	11	4.8	<0.2	<11.4	<12.3	0.37	71.5	2.54	20.7	378	1.5	6.11	Clear, no color, no odor, no sheen
	6/6/2006	679	490	222	<0.2	13	5.7	<0.2			6.95	285					6.07	---
AGW066R	4/2/2007	979	790	522	<0.2	7.8	4.9	<0.020	<1.1	<1.2	3.59	6.0	0.00	26.4	<0.7	1.5	6.21	Clear, no odor, no sheen
AGW066R	6/11/2007	1049	860	592	<0.2	8.6	4.6	<0.2	<1.1	<1.2	2.36	12.4	0.00	31.9	129	1.61	5.87	Slighly turbid, no odor, no sheen
AGW066R	9/11/2007	1141	952	684	<0.2	9.5	3.8	<0.2	<1.1	<1.2	1.64	31.7	3.60	82.8	142	1.54	5.82	Slighly turbid, no odor, no sheen
AGW066R	12/11/2007	1232	1043	775	<0.2	8.7	6.5	<0.2	<1.1	<1.2	0.76	37.1	0.60	23.4	6.5	1.2	5.98	Clear, no nodor, no sheen
AGW067	2/10/2005	198	9		<0.2	12	6.2	<0.2			0.00	41.6					6.09	No color, clear, no odor, no sheen
	5/3/2005	280	91		<0.2	11	7.3	<0.2	<0.5	<0.5	0.76	50.1	0.4	39.0	1.8	1.5	6.33	No color, clear, no odor, no sheen
	8/12/2005	381	192		<0.2	10	8.4	<0.2	<0.5	<0.5	1.25	54.5	0.4	37.0	0.74	1.5	5.93	---
	11/9/2005	470	281	13	<0.2	9.8	7.4	<0.2	<0.5	<0.5	0.00	58.6	0.0	26.0	<0.5	1.5	5.52	No color, clear, no odor, no sheen
	12/1/2005	492	303	35	<0.2	12	7.5	<0.2			0.67	200					7.45	---
	2/3/2006	556	367	99	<0.2	11	5.8	<0.2	<11.4	<12.3	0.15	63.9	0.6	24.9	22.4	1.5	6.26	No color, clear, no odor, no sheen
	4/17/2006	629	440	172	<0.2	10	7.4	<0.2	<11.4	<12.3	1.09	64.1	<0.040	37.0	<6.54	1.5	5.79	No color, clear, no odor, no sheen
	6/6/2006	679	490	222	<0.2	12	7.8	<0.2			6.26	273					5.75	---
AGW067R	4/2/2007	979	790	522	<0.2	9.8	4.6	0.055	<1.1	<1.2	1.15	13.7	3.8	23.8	131	1.96	6.04	Clear, no odor, no sheen
AGW067R	6/12/2007	1050	861	593	<0.2	9.5	6.2	<0.2	<1.1	<1.2	1.24	14.2	0.0	29.7	<0.7	1.5	6.08	Clear, no odor, no sheen
AGW067R	9/12/2007	1142	953	685	<0.2	7.6	8.5	<0.2	<1.1	<1.2	1.96	179.4	0.0	30.8	14.2	1.5	6.12	Clear, no odor, no sheen
AGW067R	12/11/2007	1232	1043	775	<0.2	8.9	2.6	<0.2	<1.1	<1.2	0.85	0	2.4	57.5	50.3	1.2	5.85	Clear, no odor, no sheen
AGW072	11/6/2000				<0.2	4.2	0.6	<0.2										
AGW072	5/18/2001				0.2	4.4	0.5	<0.2										
AGW072	11/1/2001				0.2	5	0.6	<0.2										
AGW072	5/17/2002				0.2	4.8	0.7	<0.2										
AGW072	11/24/2002				0.2	4.5	0.4	<0.2										
AGW072	5/19/2003				0.2	4.8	0.5	<0.2										
AGW072	12/17/2003				0.2	2.7	<0.2	<0.2										
AGW072	3/2/2004				0.2	4	0.3	<0.02										
AGW072	6/7/2004				0.2	4.1	0.3	<0.02										
AGW072	8/17/2004	21			0.3	3.9	0.3	<0.02										
AGW072	12/3/2004	129			0.2	3.7	0.8	<0.02										
AGW072	4/17/2006	629	440	172	<0.2	4	0.7	<0.02										

TABLE B-2

REDOX
BOEING AUBURN AREA 1

		Elapsed Time from Injections (a) (days)			Volatile Organic Compounds (all units in ug/L)						Aquifer Redox Conditions					Donor Indicators		
Well	Date	1st Injection	2nd Injection	3rd Injection	PCE (µg/L)	TCE (µg/L)	CIS (µg/L)	VC (µg/L)	Ethene (µg/L)	Ethane (µg/L)	DO (mg/L)	ORP (mV)	Iron II (mg/L)	Sulfate (mg/L)	Methane (µg/L)	TOC (mg/L)	pH	Comments
AGW001	6/28/1994					5.6												
AGW072	4/2/2007	979	790	522	<0.2	3.4	0.3	<0.02			1.45	17.3					6.48	Clear, no odor, no sheen
AGW072	6/11/2007	1049	860	592	<0.2	3.2	0.3	<0.2			0.49	1.2					6.23	No color, clear, no odor, no sheen
AGW072	9/12/2007	1142	953	685	<0.2	2.7	0.4	<0.2			0.75	-11.3					6.13	Clear, colorless, no odor, no sheen
AGW072	12/11/2007	1232	1043	775	<0.2	2.4	0.5	<0.2			0.00	-78.5					6.55	Clear, no odor or color
AGW073	11/6/2000				<0.2	0.8	<0.2	<0.2										
AGW073	5/18/2001				<0.2	0.9	<0.2	<0.2										
AGW073	11/1/2001				<0.2	0.9	<0.2	<0.2										
AGW073	5/17/2002				<0.2	0.8	<0.2	<0.2										
AGW073	11/24/2002				<0.2	0.9	<0.2	<0.2										
AGW073	5/19/2003				<0.2	0.8	<0.2	<0.2										
AGW073	12/17/2003				<0.2	0.8	<0.2	<0.2										
AGW073	3/2/2004				<0.2	0.7	<0.2	<0.02										
AGW073	6/7/2004				<0.2	0.8	<0.2	<0.02										
AGW073	8/17/2004	21			<0.2	0.8	<0.2	<0.02										
AGW073	12/3/2004	129			<0.2	0.7	<0.2	<0.02										
AGW073	4/17/2006	629	440	172	<0.2	0.5	<0.2	<0.02										
AGW073	4/2/2007	979	790	522	<0.2	0.3	<0.2	<0.02			7.04	13.6					6.68	Clear, no odor, no sheen
AGW073	6/11/2007	1049	860	592	<0.2	0.4	<0.2	<0.2			1.46	10.7					6.27	No color, cloudy, no odor, no sheen
AGW073	9/11/2007	1141	952	684	<0.2	0.5	<0.2	<0.2			1.34	-27.7					6.38	Clear, colorless, no odor, no sheen
AGW073	12/11/2007	1232	1043	775	<0.2	0.3	<0.2	<0.2			0.01	-51.6					6.63	Clear, no odor or particles
AGW095	12/17/2003				0.4	3.1	0.3											
	3/1/2004				0.3	2.9	0.3	<0.02										
	6/7/2004				0.4	2.5	0.3	<0.02										
	8/17/2004	21			0.4	3	0.2	<0.02										
	12/2/2004	128			0.3	2.5	<0.2	<0.02										
AGW095R	4/3/2007	980	791	523	<0.2	2.6	0.7	0.028			1.84	-7.8					6.85	Cloudy, no odor, no sheen
AGW095R	6/11/2007	1049	860	592	<0.2	3.3	0.8	<0.2			1.66	-7.0					6.35	No color, slightly turbid/cloudy, no odor, no sheen
AGW095R	9/11/2007	1141	952	684	<0.2	2.1	0.5	<0.2			1.95	-62.2					6.42	Clear, no odor, no sheen
AGW095R	12/12/2007	1233	1044	776	0.2	1.9	0.3	<0.2			0.01	-113.7					6.64	Cloudy, light brown color, some particles
AGW098	12/17/2003				<0.2	1.1	<0.2											
	3/1/2004				<0.2	1.3	<0.2	<0.02										
	6/7/2004				<0.2	1.6	<0.2	<0.02										
	8/17/2004	21			<0.2	1.5	<0.2	<0.02										
	12/2/2004	128			<0.2	1.4	<0.2	<0.02										
AGW098R	4/3/2007	980	791	523	<0.2	1.3	<0.2	<0.02			0.55	-15.3					6.71	Slightly cloudy, no odor
AGW098R	6/11/2007	1049	860	592	<0.2	1.3	<0.2	<0.2			1.17	-44.3					6.20	Clear, no color, no odor, no sheen
AGW098R	9/11/2007	1141	952	684	<0.2	1.6	<0.2	<0.2			5.14	-40.1					6.40	Clear, colorless, no odor, no sheen
AGW098R	12/12/2007	1233	1044	776	<0.2	1.2	<0.2	<0.2			5.14	-40.1					6.61	Clear, no odor, some particles
AGW106	6/17/2004				<1.0	120	17	<1.0	<0.5	<0.5	0.64	28.3	0.0	23.1	4.7	1.5	6.10	
	8/30/2004	34			<1.0	42	9.3	<1.0	<0.5	<0.5	0.60	-71	4.4	1.4	<0.5	570	6.28	Clear, low turbidity, no sheen, cat foot odor
	10/5/2004	70			<1.0	<1.0	51	<1.0	<0.5	<0.5	0.00	29.4	5.4	2.1	57	312	6.53	No color, clear, cereal odor, slight film on purge water, slightly effervescent
	11/1/2004	97			<1.0	<1.0	18	<1.0	<0.5	<0.5	0.00	22.3	5.0	0.3	24	162	6.70	Very slightly yellowish, mostly clear, cereal odor, no sheen on purge water
	12/8/2004	134			<1.0	<1.0	8.6	<1.0	<0.5	<0.5	1.91	19.9	3.6	<0.1	4100	32.2	6.93	No color, slightly turbid (cloudy), cereal odor
	1/3/2005	160			<0.4	0.8	24	<0.4	<0.5	<0.5	0.00	20.6	4.6	<0.2	1700	32.3	6.84	No color, clear, cereal odor, no sheen
	2/7/2005	195	6		<1.0	<1.0	27	2.2	<0.5	<0.5	0.00	37.5	4.2	<0.5	9400	548	6.68	No color, very slightly cloudy, cereal odor, slightly effervescent

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BOEING AUBURN AREA 1

		Elapsed Time from Injections (a) (days)			Volatile Organic Compounds (all units in ug/L)						Aquifer Redox Conditions					Donor Indicators		
Well	Date	1st Injection	2nd Injection	3rd Injection	PCE (µg/L)	TCE (µg/L)	CIS (µg/L)	VC (µg/L)	Ethene (µg/L)	Ethane (µg/L)	DO (mg/L)	ORP (mV)	Iron II (mg/L)	Sulfate (mg/L)	Methane (µg/L)	TOC (mg/L)	pH	Comments
AGW001	6/28/1994					5.6												
	3/7/2005	223	34		<1.0	<1.0	83	45	<0.5	<0.5	0.00	38.7	5.2	<0.5	6200	1000	6.44	Grayish, cloudy, cereal odor, scum on purge water
	4/4/2005	251	62		<1.0	<1.0	16	13	<0.5	<0.5	0.00	32.2	3.6	<0.1	4400	338	6.50	No color, slightly cloudy, very slight sheen on purge water, effervescent
	5/3/2005	280	91		<1.0	<1.0	8.0	2.7	<0.5	<0.5	0.00	33.8	4.9	<0.1	6900	164	6.88	No color, slighly cloudy, cereal odor, no sheen, effervescent
	6/1/2005	309	120		<1.0	1.3	8.0	4.6	<0.5	<0.5	0.00	33.8	7.2	<0.1	3800	74.8	6.52	No color, slight turbidity, no odor, no sheen, effervescent
	7/5/2005	343	154		<0.2	0.7	4.3	2.6	<0.5	<0.5	0.00	30.4	5.6	<0.1	2700	14.7	6.46	No color, clear, cereal odor, no sheen, effervescent
	8/9/2005	378	189		<0.2	0.8	4.0	2.1	<0.5	<0.5	0.00	30.5	5.9	<1.0	2800	17.0	7.73	No color, slightly cloudy, no sheen, effervescent
	9/8/2005	408	219		<0.2	1.0	4.0	1.1	<0.5	<0.5	0.00	47.8	6.8	0.4	720	16.2	5.80	yellowish-green, slighly cloudy, manuer-like odor, slight sheen
	10/3/2005	433	244		<0.2	0.5	4.2	1.2	<0.5	<0.5	0.29	20.2	4.0	0.2	680	12.2	4.86	Clear with slight yellowish tinting
	11/8/2005	469	280	12	<0.2	1.0	3.4	0.8	<0.5	<0.5	0.29	46.4	3.4	0.1	1400	925	6.31	No color, slightly milky/cloudy, no distinct odor, slight oily sheen on purge water, extremely effervescent
	12/5/2005	496	307	39	<0.2	1.0	4.9	0.3	<11.4	<12.3		300	4.0	<0.1	5430	1080	6.23	Mostly clear, yellowish tint, yeast odor
	1/9/2006	531	342	74	<0.2	0.5	5.0	0.6	<11.4	<12.3	0.29	41.3	10+	<0.1	13300	490	6.69	No color, slightly cloudy, no odor, no sheen, effervescence
	2/1/2006	554	365	97	<1.0	<1.0	3.1	<1.0	<11.4	<12.3	0.00	50.0	10.0	<0.5	14600	285	6.89	No color, slightly cloudy, cereal odor, no sheen, unpreserved bottles slightly effervescent, preserved bottles very effervescent
AGW106R	10/2/2006	797	608	340	<0.2	<0.2	0.5	<0.2	<1.1	<1.2	6.17		1.5	3.2	8120	4.63	6.12	---
AGW106R	1/23/2007	910	721	453	<0.2	0.2	0.5	<0.2	<1.1	<1.2	0.77	-8.7	7.3	10.1	8690	5.60	6.10	No color, slightly turbid, no sheen, slight cereal odor
AGW106R	4/3/2007	980	791	523	<0.2	0.3	0.6	0.046	<1.1	<1.2	0.35	-24.2	4.2	9.6	19500	2.76	6.23	Clear, methane odor, no sheen
AGW106R	6/12/2007	1050	861	593	<0.2	0.2	0.6	<0.2	<1.1	<1.2	0.48	-401.6	6.1	5.6	18500	3.10	5.99	Rotten egg odor, very light yellow color, no sheen
AGW106R	9/12/2007	1142	953	685	<0.2	<0.2	0.5	<0.2	<1.1	<1.2	0.45	-414.9	6.8	1.2	28600	3.18	5.96	Clear, colorless, no sheen, sulfur and cereal odor, slightly effervescent
AGW106R	12/11/2007	1232	1043	775	<0.2	0.2	0.4	<0.2	<1.1	<1.2	3.16	-164.8	3.8	3.1	15900	2.29	6.10	clear, no sheen, slight rotten egg smell
AGW110	6/17/2004				<1.0	94	22	<1.0	<0.5	<0.5	0.00	6.18	0.0	23.5	0.95	1.5	5.91	---
	8/31/2004	35			<2.0	18	50	<2.0	<0.5	<0.5	1.2/0.07	-154	3.6	2.8	<0.5	199	6.55	Yellow tint, clear, low turbidity, no sheen, sulfur odor
	10/5/2004	70			<1.0	<1.0	69	<1.0	<0.5	<0.5	0.00	23.3	4.5	6.9	7.4	248	6.64	Yellowish, clear, sulfur odor, sheen on purge water, slightly effervescent
	11/2/2004	98			<1.0	<1.0	110	4.3	<0.5	<0.5	0.00	25.8	4.2	0.6	280	207	6.64	Brownish, clear, cereal odor, no sheen
	12/9/2004	135			<2.0	<2.0	95	4.9	<0.5	<0.5	0.71	27.0	2.7	0.2	2000	69.2	6.91	Yellowish, clear, cereal and slight sulfur odor, no sheen
	1/4/2005	161			<1.0	<1.0	91	3.4	<0.5	<0.5	0.00	20.4	3.5	<0.1	1200	22.8	6.85	Yellowish, very slightly cloudy, sulfur odor, scum on purge water, samples somewhat effervescent
	2/9/2005	197	8		<1.0	<1.0	73	10	<0.5	<0.5	0.00	24.2	4.6	0.1	6800	78.0	6.92	Yellowish, clear, cereal and slight sulfur odor, no sheen, effervescent
	3/8/2005	224	35		<1.0	<1.0	75	17	<0.5	<0.5	0.00	25.7	6.0	<0.2	2900	542	7.03	Yellowish, slightly cloudy, odor?, sheen on purge water, effervescence in samples
	4/6/2005	253	64		<1.0	<1.0	64	29	<0.5	<0.5	0.00	22.5	4.5	<0.1	2000	358	7.31	Slightly yellowish brown, cereal odor, cloudy, slight sheen on purge water, effervescent
	5/4/2005	281	92		<1.0	<1.0	35	40	<0.5	<0.5	0.00	23.9	4.8	<0.2	1700	261	6.86	Yellowish, slightly cloudy, cereal odor, sheen on purge water, effervescence
	6/2/2005	310	121		<0.2	<0.2	16	49	<0.5	<0.5	0.00	21.3	6.8	0.1	770	67.2	6.47	Yellowish, clear, cereal odor, voc bottles very effervescent, slight sheen on purge water
	7/6/2005	344	155		<0.2	<0.2	5.5	45	<0.5	<0.5	0.00	26.3	6.4	<0.1	1000	26.8	6.32	Yellowish, clear, sufur odor, non sheen, effervescent
	8/11/2005	380	191		<0.2	<0.2	1.5	13	<0.5	<0.5	0.00	26.2	7.0	<0.1	990	27.2	6.72	Yellowish brown, slightly cloudy, no odor, slight sheen on purge water, effervescence
	9/8/2005	408	219		<0.2	<0.2	1.0	3.7	<0.5	<0.5	0.00	36.8	5.8	<0.1	840	24.9	6.29	Blackish-gray, cloudy-murky, manure odor, no sheen
	10/4/2005	434	245		<0.2	<0.2	0.6	1.9	<0.5	<0.5	1.10	12.5	3.0	<0.1	640	20.8	6.69	Milky color
	11/9/2005	470	281	13	<0.2	<0.2	0.5	1.2	<0.5	<0.5	0.00	27.7	8.2	<0.1	2900	88.8	6.79	Yellowish, slightly sloudy, cereal odor, sheen on purge water, effervescent
	12/5/2005	496	307	39	<2.0	<2.0	<2.0	<2.0	<11.4	<12.3	1.20	286	4.5	<0.1	10200	558	6.49	Yellowish brown colored
	1/10/2006	532	343	75	<1.0	<1.0	1.0	<1.0	<11.4	<12.3	0.00	30.0	9.4	0.1	15200	716	6.89	No color, cloudy, skunky odor, slight sheen on purge water, effervescence in acid preserved containers
	2/3/2006	556	367	99	<0.2	0.2	1.1	1.2	<11.4	<12.3	0.00	32.2	6.8	0.1	17500	564	7.13	Slightly yellowish, slightly cloudy, no odor, slight sheen on purge water, effervescence in all samples but more in preserved containers
AGW110R	10/2/2006	797	608	340	<0.2	0.5	0.4	0.3	<1.1	<1.2	5.96		3.0	9.1	5950	17.1	6.89	---
AGW110R	1/23/2007	910	721	453	<0.2	0.3	0.3	0.4	2.6	<1.2	0.53	-43.9	6.9	6.1	16000	22.7	6.53	Yellowish, clear, cereal odor, no sheen, slight effervescence
AGW110R	4/3/2007	980	791	523	<0.2	0.3	0.4	0.39	3.6	<1.2	1.67	-40.8	1.5	4.5	15300	20.4	6.76	Clear, slight methane odor, no sheen
AGW110R	6/12/2007	1050	861	593	<0.2	0.3	0.2	0.3	3.3	<1.2	0.69	-138.5	4.8	4.3	13800	24.5	6.46	Very pale yellow color, rotten egg odor, no sheen
AGW110R	9/12/2007	1142	953	685	<0.2	0.3	<0.2	<0.2	1.8	<1.2	1.11	-104.9	3.8	2.6	13500	20.1	6.59	Slight yellow color, slightly cloudy, no sheen, slight sulfur odor

TABLE B-2

REDOX
BOEING AUBURN AREA 1

		Elapsed Time from Injections (a) (days)			Volatile Organic Compounds (all units in ug/L)						Aquifer Redox Conditions					Donor Indicators		
Well	Date	1st Injection	2nd Injection	3rd Injection	PCE (µg/L)	TCE (µg/L)	CIS (µg/L)	VC (µg/L)	Ethene (µg/L)	Ethane (µg/L)	DO (mg/L)	ORP (mV)	Iron II (mg/L)	Sulfate (mg/L)	Methane (µg/L)	TOC (mg/L)	pH	Comments
AGW001	6/28/1994					5.6												
AGW110R	12/11/2007	1232	1043	775	<0.2	0.3	0.2	0.2	<1.1	<1.2	0.01	-123.8	7.4	1.1	18000	17.2	6.59	no distint color, stron rotten egg odor
AGW112	6/17/2004				0.3	2.4	<0.2	<0.2	<0.5	<0.5	0.00	23.0	0.0	22.2	<0.5	1.5	6.28	---
	9/1/2004	36			0.4	4.6	0.8	<0.2	<0.5	<0.5	0.27/0.49	224	0.5	9.5	<0.5	2.47	5.82	Clear, low turbidity, no sheen, no odor detected
	10/6/2004	71			0.4	5.2	1.0	0.3	<0.5	<0.5	0.00	40.0	0.0	12.1	<0.5	1.5	6.35	No color, very slightly turbid (cloudy), no odor, no sheen
	11/3/2004	99			0.4	4.7	1.2	0.3	<0.5	<0.5	0.00	31.4	0.5	6.5	6.3	1.5	6.52	No color, clear, no odor, no sheen
	12/9/2004	135			0.3	3.6	2.1	0.2	<0.5	<0.5	0.00	29.5	0.5	4.0	51	1.5	6.61	No color, very slight cloudiness, no odor, no sheen
	1/4/2005	161			0.3	2.5	2.3	<0.2	<0.5	<0.5	0.00	24.6	0.6	4.4	170	1.5	6.58	No color, no odor, clear, no sheen
	2/9/2005	197	8		0.3	2.4	1.6	<0.2	<0.5	<0.5	0.00	22.2	0.6	8.7	120	1.5	6.66	No color, clear, no odor, no sheen
	3/8/2005	224	35		0.2	2.4	1.3	<0.2	<0.5	<0.5	0.00	20.1	0.6	12.9	150	1.5	6.73	No color, slightly cloudy, slight sulfur odor, no sheen
	4/6/2005	253	64		0.3	2.5	1.0	<0.2	<0.5	<0.5	0.00	19.7	0.8	15.3	230	1.5	6.98	No color, slightly cloudy, slight sulfur odor, no sheen
	5/4/2005	281	92		0.2	2.4	1.1	<0.2	<0.5	<0.5	0.00	20.4	0.8	16.4	330	1.5	6.66	slightly brownish (purge water), slightly cloudy, slight cereal odor, no sheen
	6/2/2005	310	121		0.3	2.4	1.0	<0.2	<0.5	<0.5	0.00	18.7	0.7	16.6	230	1.5	6.31	No color, slightly cloudy, no odor, no sheen
	7/6/2005	344	155		0.2	2.4	0.7	<0.2	<0.5	<0.5	0.00	23.4	0.8	19.1	200	1.5	6.09	No color, slighly cloudy, no odor, no sheen
	8/11/2005	380	191		0.2	2.6	0.8	<0.2	<0.5	<0.5	0.00	25.2	0.8	21.4	300	1.5	6.63	No color, clear, no odor, no sheen
	9/8/2005	408	219		0.3	3.1	1.2	0.4	<0.5	<0.5	0.00	28.2	0.6	20.9	300	1.5	6.19	Blackish-gray, very cloudy, strong sulfuric odor, sheen
	10/4/2005	434	245		0.3	3.3	1.3	0.4	<0.5	<0.5	0.00	15.0	0.8	18.0	150	1.5	6.61	Cloudy grayish color
	11/10/2005	471	282	14	0.2	2.4	1.0	0.4	<0.5	<0.5	0.00	35.5	0.6	18.2	530	1.5	6.56	No color, slightly cloudy, no odor, no sheen
	12/6/2005	497	308	40	0.2	2.8	1.1	0.4	<11.4	<12.3	1.59	145	1.0	13.2	3680	1.5	6.75	Mostly clear with slight cloudiness, no odor
	1/10/2006	532	343	75	0.3	2.6	1.0	<0.2	<11.4	<12.3	0.00	31.8	0.6	15.4	3270	1.5	6.83	No color, slightly cloudy, no odor, no sheen
	2/6/2006	559	370	102	0.3	2.1	0.6	<0.2	<11.4	<12.3	0.00	32.5	0.6	20.6	1010	1.5	6.75	No color, slightly cloudy, sulfur odor, no sheen
AGW112R	10/2/2006	797	608	340	0.2	2.7	0.8	0.2	<1.1	1.6	1.41		1.0	24.5	217	1.5	7.01	---
AGW112R	1/23/2007	910	721	453	0.2	1.8	0.3	<0.2	<1.1	<1.2	0.61	-37.9	0.4	20.8	10.2	1.5	6.50	No color, clear, acetone odor, no sheen
AGW112R	4/3/2007	980	791	523	0.3	1.7	<0.2	<0.020	<1.1	<1.2	0.92	-29.5	0.4	21.5	1.8	1.5	6.79	Clear, very slight methane odor, no sheen
AGW112R	6/12/2007	1050	861	593	0.3	1.9	<0.2	<0.2	<1.1	<1.2	0.86	-18.4		21.6	1.0	1.5	6.41	Clear, no odor, no sheen
AGW112R	9/12/2007	1142	953	685	0.2	2.3	0.4	<0.2	<1.1	<1.2	2.30	83.3	0.4	25.5	<0.7	1.5	6.63	Clear, no odor, no sheen
AGW112R	12/11/2007	1232	1043	775	0.2	2.0	0.7	<0.2	<1.1	<1.2	2.92	-10.6	0.4	25.6	260	<1.2	6.42	Clear, no odor, no sheen
AGW125	4/2/2007	979	790	522	<0.2	14	3.3	0.054	1.4	2.2	0.87	3.0	1.5	21.7	22.0	5.66	6.37	Clear, no odor, no sheen
AGW125	6/11/2007	1049	860	592	<0.2	13	3.5	<0.2	<1.1	<1.2	1.65	3.4	1.8	35.2	30.2	6.54	6.00	Clear, no odor, no sheen
AGW125	9/12/2007	1142	953	685	<0.2	12	3.4	<0.2	<1.1	<1.2	3.72	14.4	2.0	17.9	25.7	8.04	6.34	Clear, no odor, no sheen
AGW125	12/11/2007	1232	1043	775	<0.2	13	2.5	<0.2	<1.1	<1.2	1.11	-12.8	1.8	17.8	39.5	4.82		Clear, no odor, no sheen
AGW126	4/2/2007	979	790	522	<0.2	15	6.0	0.13	3.0	4.9	0.47	-10.7	2.0	18.6	477	1.94	6.45	Clear, no odor, no sheen
AGW126	6/11/2007	1049	860	592	<0.2	21	5.9	<0.2	<1.1	<1.2	0.49	-7.0	2.0	18.2	160	1.85	6.32	Slight yellow color, cloudy, no odor, no sheen
AGW126	9/12/2007	1142	953	685	<0.2	17	5.4	<0.2	<1.1	<1.2	0.74	-88.6	3.6	17.8	1040	1.79	6.10	Slightly yellowish, cloudy with sediment, no odor, no sheen
AGW126	12/11/2007	1232	1043	775	<0.2	12	7.7	<0.2	<1.1	<1.2	0.01	-67.6	3.6	16.7	2060	2.31	6.40	Cloudy with some particles

Notes:

Shade or "--" indicates parameter was not analyzed, not measured, or historic information.

Duplicate readings for DO are for the Horida meter/Hach DO Test Kits.

(a) Injections were performed July 7-27, 2004; January 17 - February 1, 2005; October 18-27, 2005.

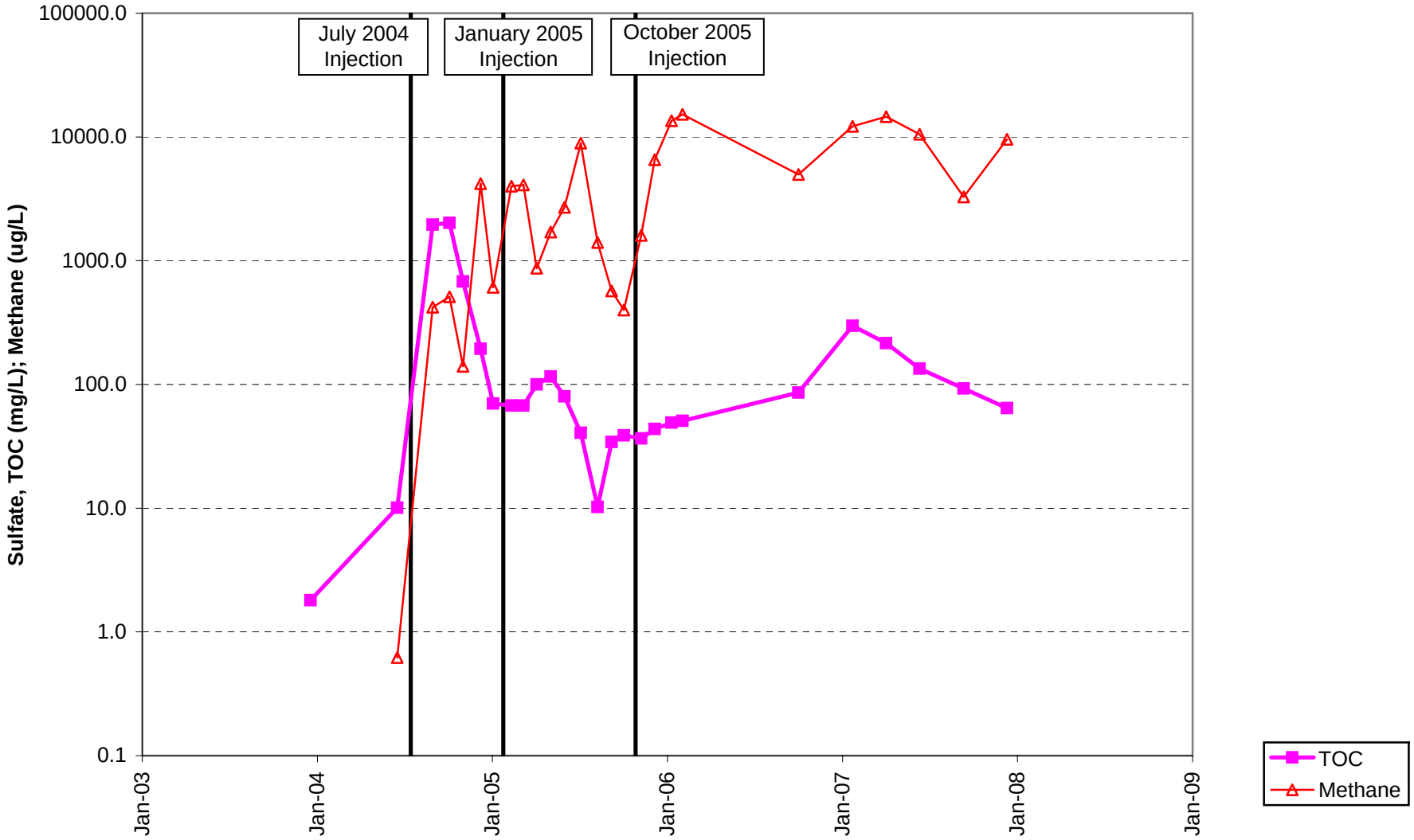
TOC detection limit is 1.5

7/27/2004 for elapsed time relative to first injection

2/1/2005 for elapsed time relative to second injection

10/27/2005 for elapsed time relative to third injection

AGW002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January 2005 Injection
October 2005 Injection
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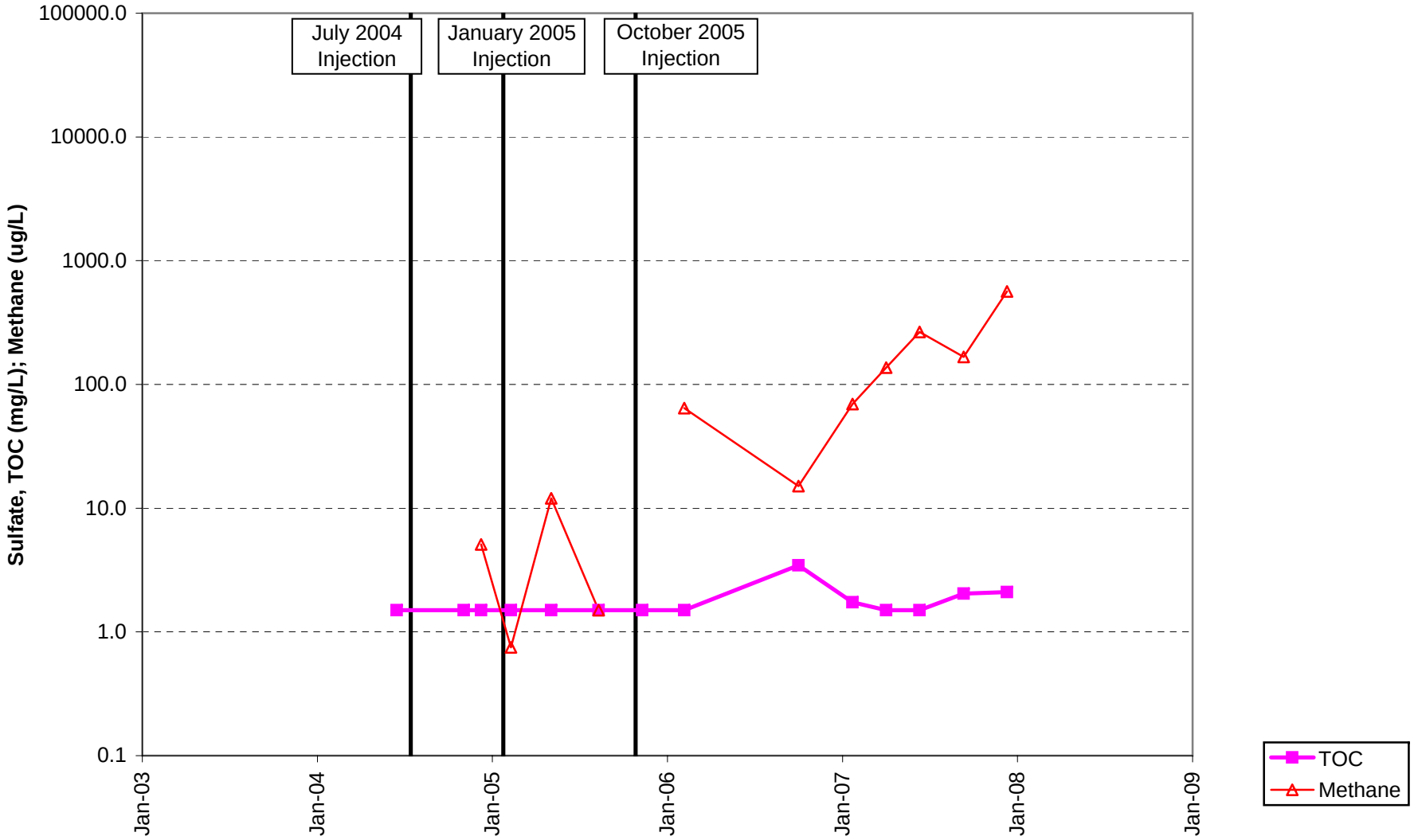
1000.0
100.0
10.0
1.0
0.1
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
TOC
Methane

AGW053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10.0
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0.1
Sulfate, TOC (mg/L); Methane (ug/L)
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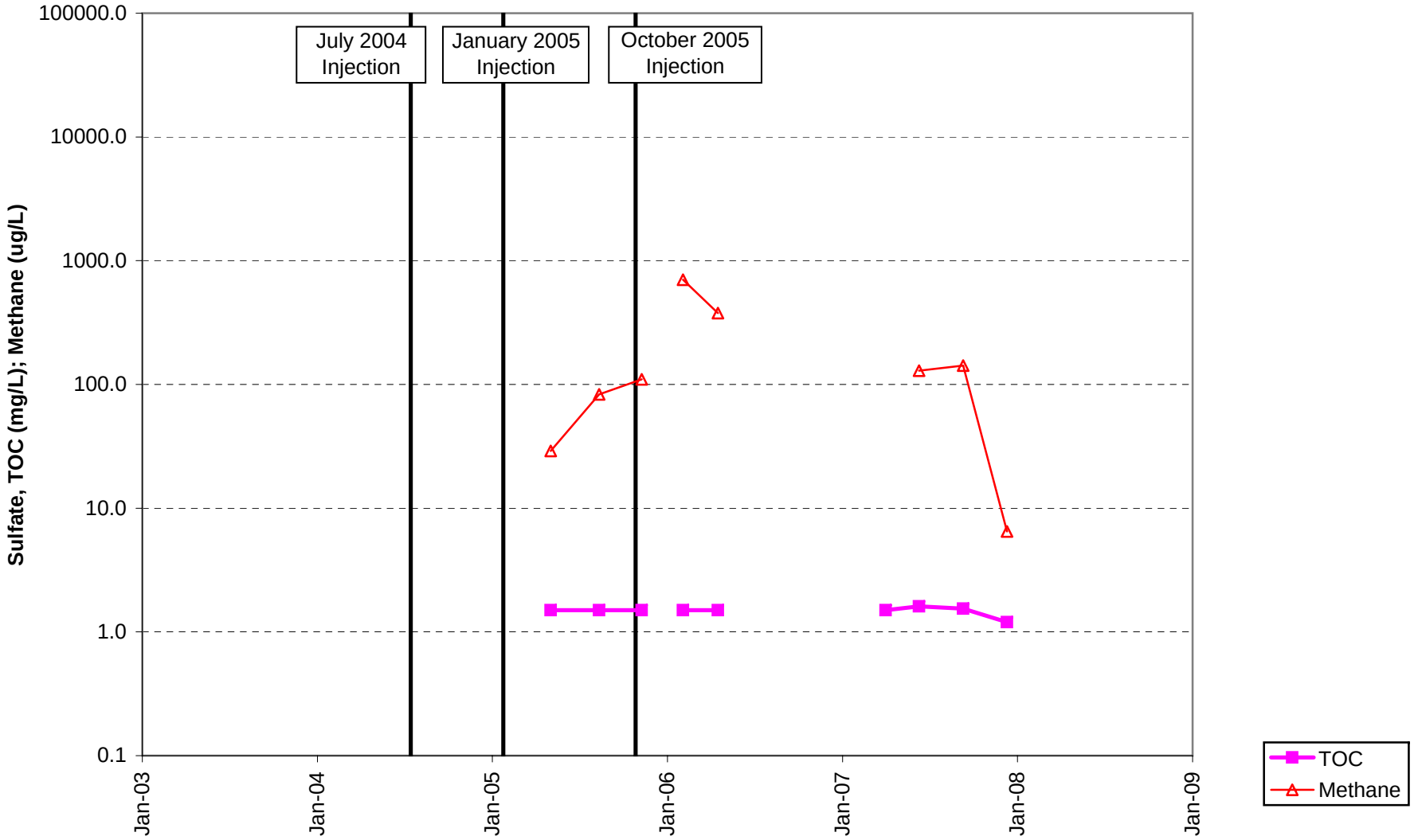
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
TOC
Methane

AGW066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10.0
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0.1
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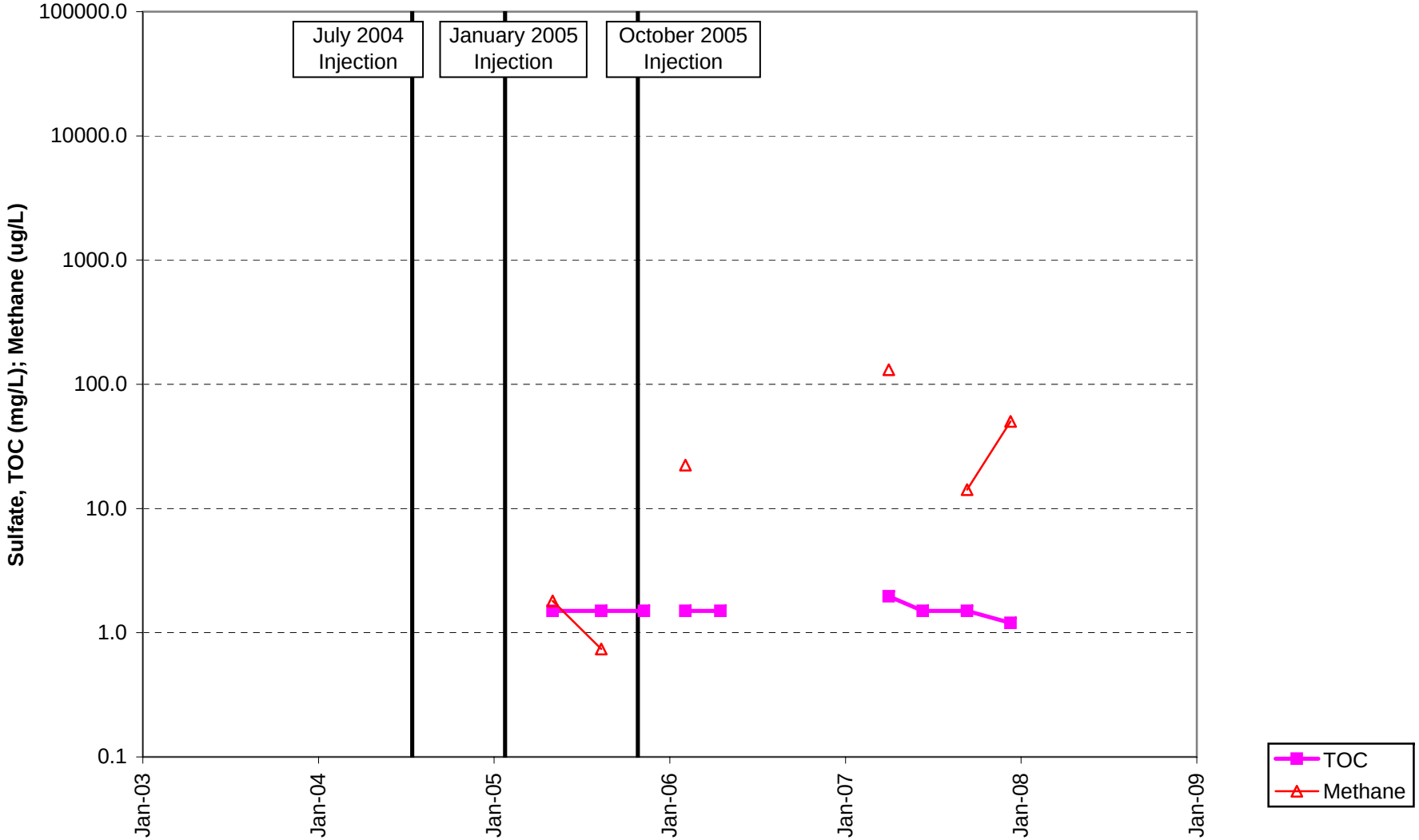
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
TOC
Methane

AGW067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10.0
1.0
0.1
Sulfate, TOC (mg/L); Methane (ug/L)
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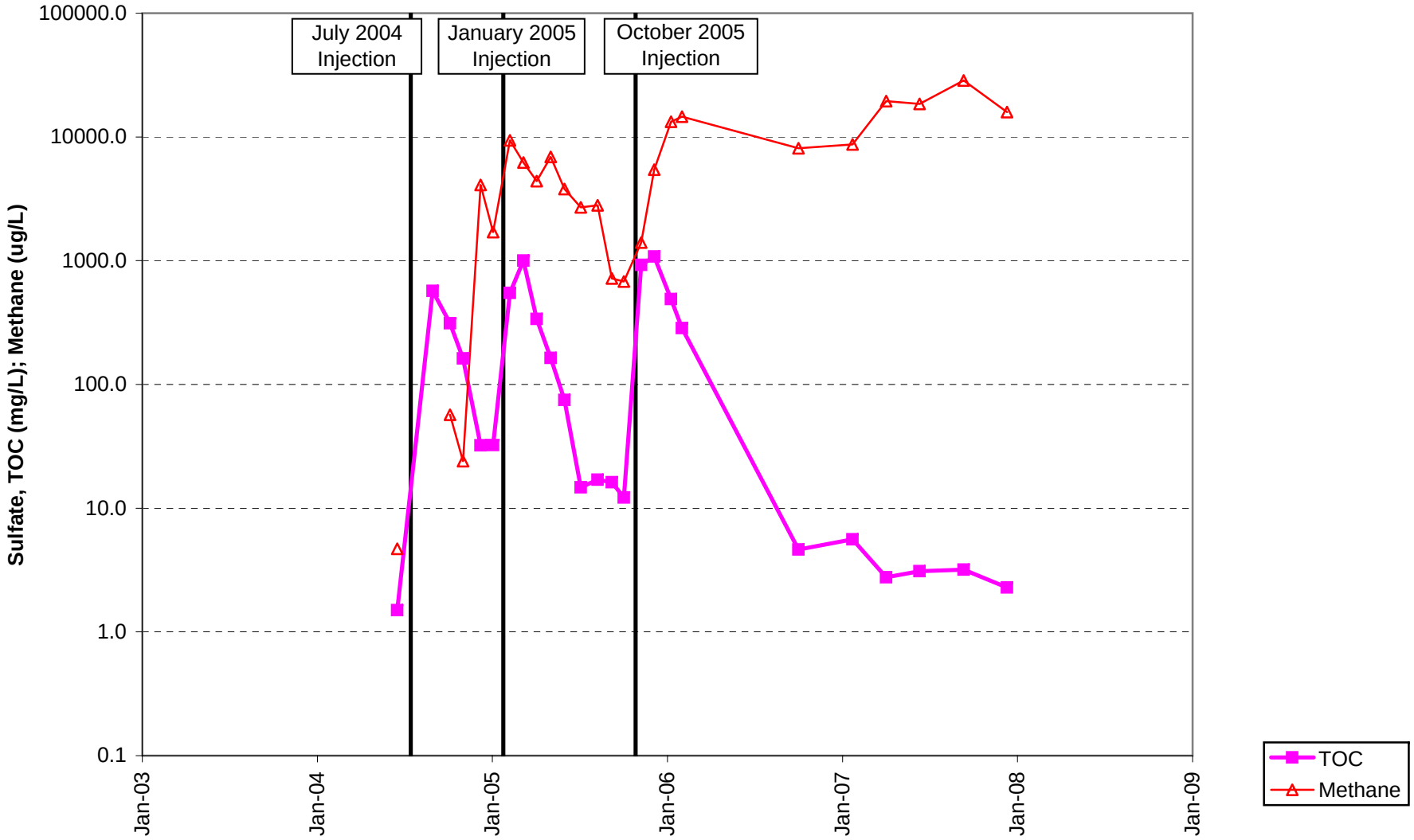
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
TOC
Methane

AGW106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January 2005 Injection
October 2005 Injection
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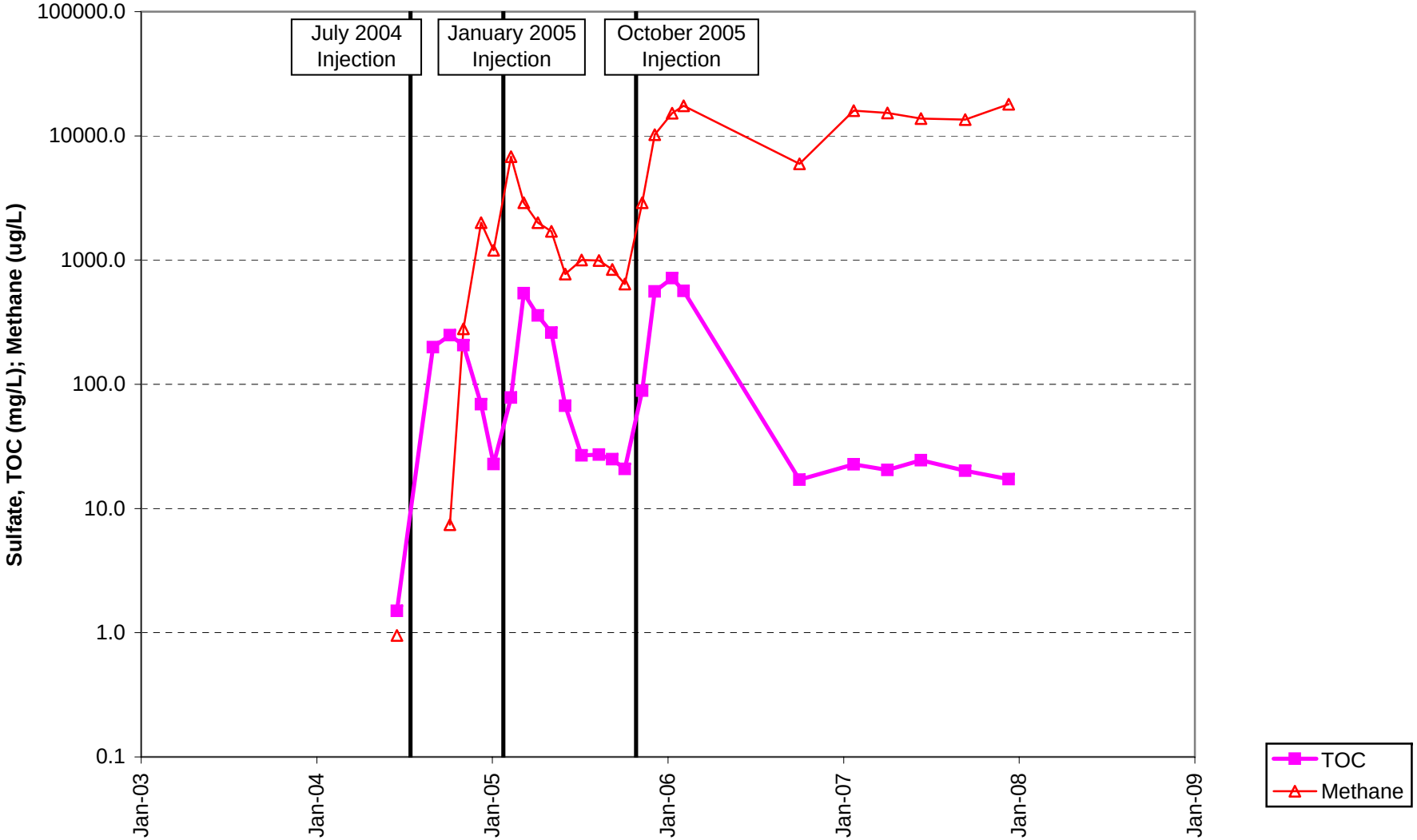
10000.0
1000.0
100.0
10.0
1.0
0.1
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
TOC
Methane

AGW110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January 2005 Injection
October 2005 Injection
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10.0
1.0
0.1
Sulfate, TOC (mg/L); Methane (ug/L)
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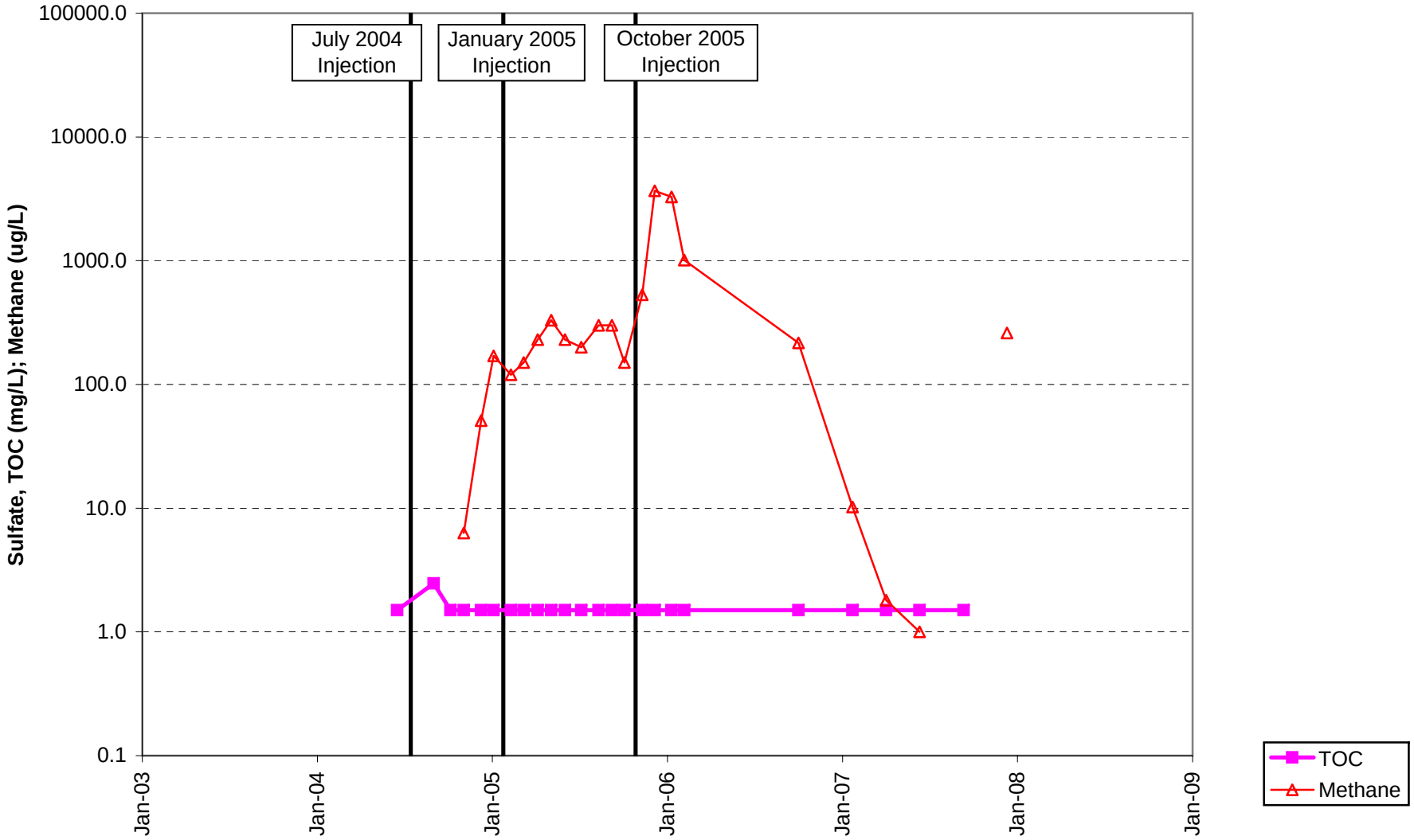
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
TOC
Methane

AGW112


July 2004 Injection
January 2005 Injection
October 2005 Injection
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10000.0
1000.0
100.0
10.0
1.0
0.1
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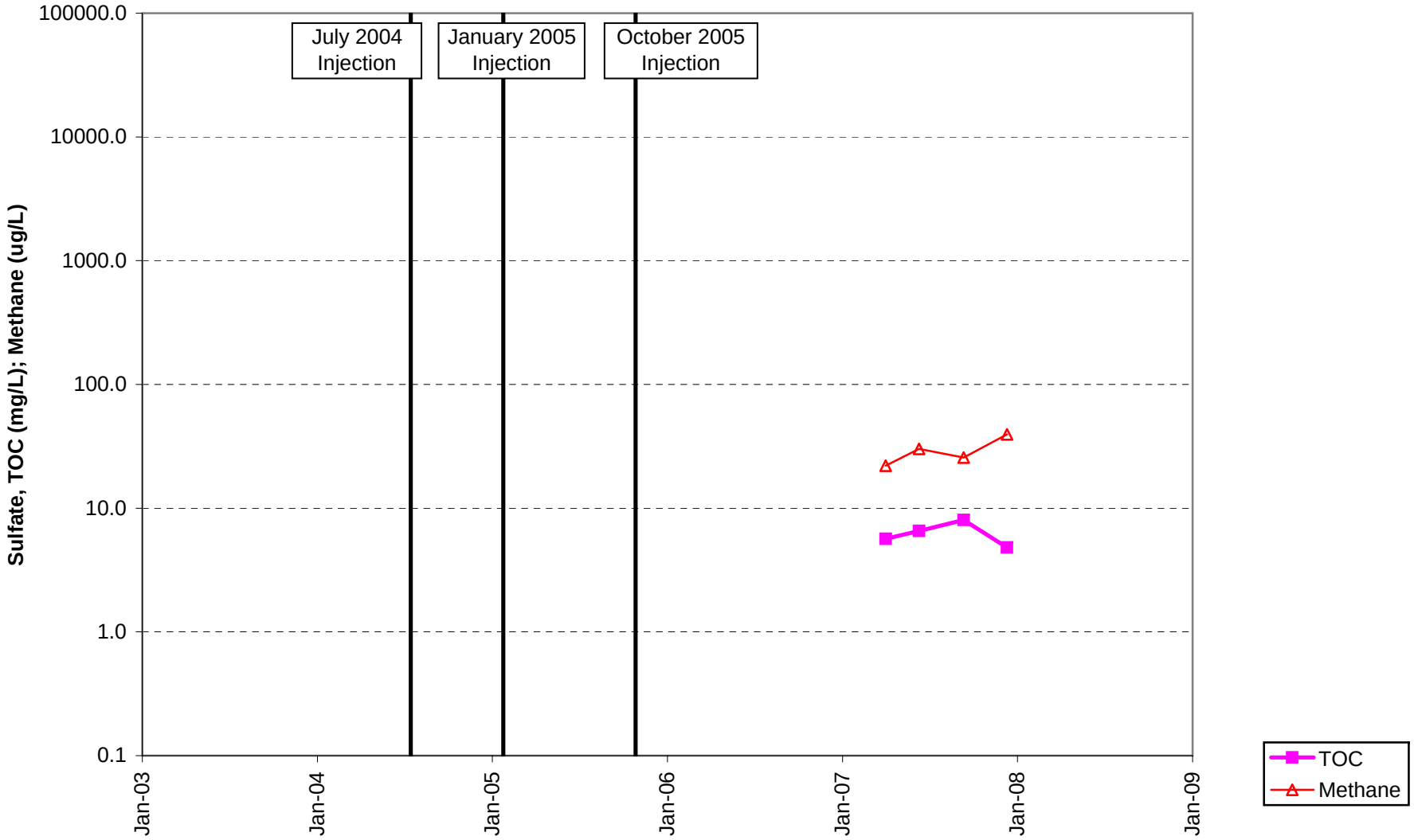
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
TOC
Methane

AGW125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January 2005 Injection
October 2005 Injection
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1000.0
100.0
10.0
1.0
0.1
Sulfate, TOC (mg/L); Methane (ug/L)
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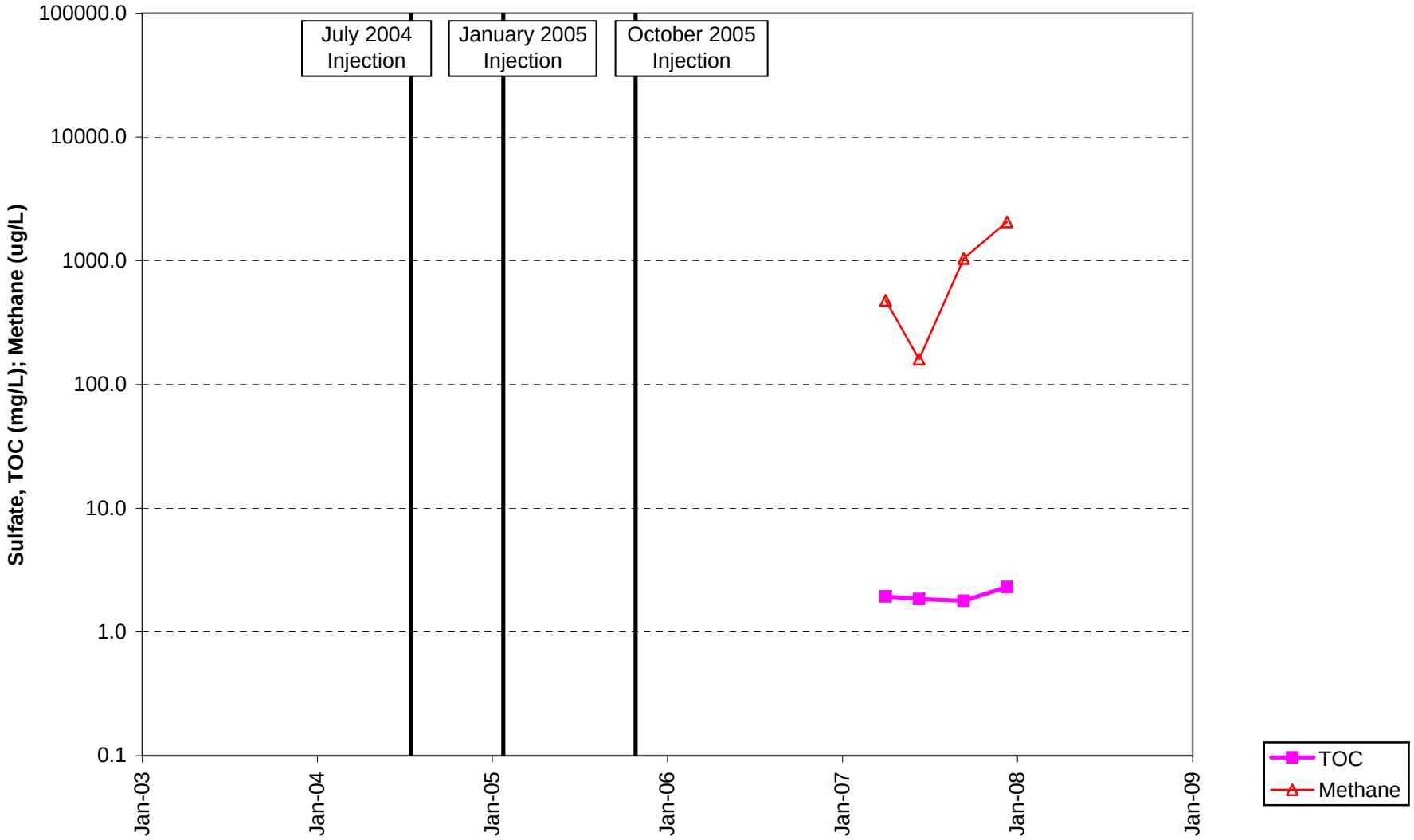
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
TOC
Methane

AGW126


July 2004 Injection
January 2005 Injection
October 2005 Injection
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10000.0
1000.0
100.0
10.0
1.0
0.1
Sulfate, TOC (mg/L); Methane (ug/L)
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
TOC
Methane

APPENDIX C

Shallow Well VOC Results

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW001/AGW001R				
AGW001	12/08/1995	cis-1,2-Dichloroethene	1	U
AGW001	03/27/1996	cis-1,2-Dichloroethene	1	U
AGW001	06/19/1996	cis-1,2-Dichloroethene	1	U
AGW001	09/25/1996	cis-1,2-Dichloroethene	1	U
AGW001	12/11/1996	cis-1,2-Dichloroethene	1	UJ
AGW001	03/12/1997	cis-1,2-Dichloroethene	1	U
AGW001	09/08/1997	cis-1,2-Dichloroethene	0.2	U
AGW001	03/24/1998	cis-1,2-Dichloroethene	0.2	U
AGW001	09/01/1998	cis-1,2-Dichloroethene	0.2	U
AGW001	02/15/1999	cis-1,2-Dichloroethene	0.2	U
AGW001	08/25/1999	cis-1,2-Dichloroethene	1	U
AGW001	03/08/2000	cis-1,2-Dichloroethene	1	U
AGW001	11/06/2000	cis-1,2-Dichloroethene	0.2	U
AGW001	05/15/2001	cis-1,2-Dichloroethene	0.2	U
AGW001	11/06/2001	cis-1,2-Dichloroethene	0.2	U
AGW001	05/21/2002	cis-1,2-Dichloroethene	0.2	U
AGW001	11/24/2002	cis-1,2-Dichloroethene	0.2	U
AGW001	05/22/2003	cis-1,2-Dichloroethene	0.2	U
AGW001	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW001	06/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW001	12/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW001	05/24/2005	cis-1,2-Dichloroethene	0.2	U
AGW001	12/1/2005	cis-1,2-Dichloroethene	0.2	U
AGW001R	04/19/2007	cis-1,2-Dichloroethene	0.2	U
AGW001R	6/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW001R	9/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW001R	12/12/2007	cis-1,2-Dichloroethene	0.2	U
AGW001R	3/12/2008	cis-1,2-Dichloroethene	0.2	U
AGW001	06/28/1994	Trichloroethene	5.64	
AGW001	09/21/1994	Trichloroethene	4.66	
AGW001	03/22/1995	Trichloroethene	3.25	
AGW001	12/08/1995	Trichloroethene	3	
AGW001	03/27/1996	Trichloroethene	4	
AGW001	06/19/1996	Trichloroethene	3.1	
AGW001	09/25/1996	Trichloroethene	3.3	
AGW001	12/11/1996	Trichloroethene	3.7	J
AGW001	03/12/1997	Trichloroethene	3.4	
AGW001	09/08/1997	Trichloroethene	2.7	
AGW001	03/24/1998	Trichloroethene	4	
AGW001	09/01/1998	Trichloroethene	3.6	
AGW001	02/15/1999	Trichloroethene	3.8	
AGW001	08/25/1999	Trichloroethene	3.3	
AGW001	03/08/2000	Trichloroethene	3.6	
AGW001	11/06/2000	Trichloroethene	4.1	
AGW001	05/15/2001	Trichloroethene	3.9	
AGW001	11/06/2001	Trichloroethene	4	
AGW001	05/21/2002	Trichloroethene	4.8	
AGW001	11/24/2002	Trichloroethene	4.8	
AGW001	05/22/2003	Trichloroethene	4.1	
AGW001	12/16/2003	Trichloroethene	3.5	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW001	06/01/2004	Trichloroethene	3.8	
AGW001	12/07/2004	Trichloroethene	4.3	
AGW001	05/24/2005	Trichloroethene	3.8	
AGW001	12/1/2005	Trichloroethene	4.9	
AGW001R	04/19/2007	Trichloroethene	3.9	
AGW001R	6/11/2007	Trichloroethene	4.7	
AGW001R	9/11/2007	Trichloroethene	4.5	
AGW001R	12/12/2007	Trichloroethene	4.4	
AGW001R	3/12/2008	Trichloroethene	4.9	
AGW001	12/08/1995	Vinyl Chloride	2	U
AGW001	03/27/1996	Vinyl Chloride	2	U
AGW001	06/19/1996	Vinyl Chloride	2	U
AGW001	09/25/1996	Vinyl Chloride	2	U
AGW001	12/11/1996	Vinyl Chloride	2	UJ
AGW001	03/12/1997	Vinyl Chloride	2	U
AGW001	09/08/1997	Vinyl Chloride	0.2	U
AGW001	03/24/1998	Vinyl Chloride	0.2	U
AGW001	09/01/1998	Vinyl Chloride	0.2	U
AGW001	02/15/1999	Vinyl Chloride	0.2	U
AGW001	08/25/1999	Vinyl Chloride	1	U
AGW001	03/08/2000	Vinyl Chloride	1	U
AGW001	11/06/2000	Vinyl Chloride	0.2	U
AGW001	05/15/2001	Vinyl Chloride	0.2	U
AGW001	11/06/2001	Vinyl Chloride	0.2	U
AGW001	05/21/2002	Vinyl Chloride	0.2	U
AGW001	11/24/2002	Vinyl Chloride	0.2	U
AGW001	05/22/2003	Vinyl Chloride	0.2	U
AGW001	12/16/2003	Vinyl Chloride	0.2	U
AGW001	06/01/2004	Vinyl Chloride	0.02	U
AGW001	12/07/2004	Vinyl Chloride	0.02	U
AGW001	05/24/2005	Vinyl Chloride	0.02	U
AGW001	12/1/2005	Vinyl Chloride	0.02	U
AGW001R	04/19/2007	Vinyl Chloride	0.02	U
AGW001R	06/11/2007	Vinyl Chloride	0.02	U
AGW001R	09/11/2007	Vinyl Chloride	0.02	U
AGW001R	12/12/2007	Vinyl Chloride	0.02	U
AGW001R	03/12/2008	Vinyl Chloride	0.02	U
AGW002/AGW002R				
AGW002	06/27/1994	cis-1,2-Dichloroethene	5.7	
AGW002	07/27/1994	cis-1,2-Dichloroethene	7.48	
AGW002	12/15/1994	cis-1,2-Dichloroethene	260	
AGW002	12/12/1995	cis-1,2-Dichloroethene	24	
AGW002	03/21/1996	cis-1,2-Dichloroethene	13	
AGW002	06/21/1996	cis-1,2-Dichloroethene	7.9	
AGW002	10/03/1996	cis-1,2-Dichloroethene	1.7	
AGW002	12/17/1996	cis-1,2-Dichloroethene	1.6	
AGW002	03/18/1997	cis-1,2-Dichloroethene	1.6	
AGW002	09/11/1997	cis-1,2-Dichloroethene	0.9	
AGW002	03/25/1998	cis-1,2-Dichloroethene	0.9	
AGW002	09/04/1998	cis-1,2-Dichloroethene	1.6	
AGW002	02/18/1999	cis-1,2-Dichloroethene	4.4	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW002	08/31/1999	cis-1,2-Dichloroethene	1.4	
AGW002	03/15/2000	cis-1,2-Dichloroethene	2.8	
AGW002	11/09/2000	cis-1,2-Dichloroethene	2.2	
AGW002	05/22/2001	cis-1,2-Dichloroethene	2.1	
AGW002	11/06/2001	cis-1,2-Dichloroethene	3.1	
AGW002	05/21/2002	cis-1,2-Dichloroethene	5.5	
AGW002	11/23/2002	cis-1,2-Dichloroethene	2.9	
AGW002	05/23/2003	cis-1,2-Dichloroethene	4.4	
AGW002	12/19/2003	cis-1,2-Dichloroethene	2.1	
AGW002	06/14/2004	cis-1,2-Dichloroethene	5	
AGW002	06/17/2004	cis-1,2-Dichloroethene	5.0	
AGW002	08/30/2004	cis-1,2-Dichloroethene	3.9	
AGW002	10/04/2004	cis-1,2-Dichloroethene	6.6	
AGW002	11/01/2004	cis-1,2-Dichloroethene	10	
AGW002	12/08/2004	cis-1,2-Dichloroethene	7.6	
AGW002	12/09/2004	cis-1,2-Dichloroethene	7.9	
AGW002	01/03/2005	cis-1,2-Dichloroethene	7.6	
AGW002	02/10/2005	cis-1,2-Dichloroethene	6.0	
AGW002	03/07/2005	cis-1,2-Dichloroethene	5.1	
AGW002	04/04/2005	cis-1,2-Dichloroethene	4.6	
AGW002	05/03/2005	cis-1,2-Dichloroethene	4.4	
AGW002	06/01/2005	cis-1,2-Dichloroethene	5.0	
AGW002	07/05/2005	cis-1,2-Dichloroethene	4.6	
AGW002	08/09/2005	cis-1,2-Dichloroethene	4.8	
AGW002	09/07/2005	cis-1,2-Dichloroethene	5.5	
AGW002	10/3/2005	cis-1,2-Dichloroethene	4.2	
AGW002	11/8/2005	cis-1,2-Dichloroethene	3.3	
AGW002	12/06/2005	cis-1,2-Dichloroethene	3.0	J
AGW002	1/10/2006	cis-1,2-Dichloroethene	2.8	
AGW002	02/02/2006	cis-1,2-Dichloroethene	2.5	
AGW002R	10/02/2006	cis-1,2-Dichloroethene	2.6	
AGW002R	01/23/2007	cis-1,2-Dichloroethene	2.1	
AGW002R	04/03/2007	cis-1,2-Dichloroethene	1.6	
AGW002R	06/12/2007	cis-1,2-Dichloroethene	1.3	
AGW002R	9/12/2007	cis-1,2-Dichloroethene	1.1	
AGW002R	12/11/2007	cis-1,2-Dichloroethene	1.1	
AGW002R	3/12/2008	cis-1,2-Dichloroethene	0.9	
AGW002	06/27/1994	Trichloroethene	1433	
AGW002	07/27/1994	Trichloroethene	807	
AGW002	12/15/1994	Trichloroethene	45	
AGW002	12/12/1995	Trichloroethene	13	
AGW002	03/21/1996	Trichloroethene	6.2	
AGW002	06/21/1996	Trichloroethene	5.3	
AGW002	10/03/1996	Trichloroethene	4.1	
AGW002	12/17/1996	Trichloroethene	4.6	
AGW002	03/18/1997	Trichloroethene	4	
AGW002	09/11/1997	Trichloroethene	3.4	
AGW002	03/25/1998	Trichloroethene	2.6	
AGW002	09/04/1998	Trichloroethene	2.9	
AGW002	02/18/1999	Trichloroethene	2.4	
AGW002	08/31/1999	Trichloroethene	1.8	
AGW002	03/15/2000	Trichloroethene	2.7	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW002	11/09/2000	Trichloroethene	4.9	
AGW002	05/22/2001	Trichloroethene	5.2	
AGW002	11/06/2001	Trichloroethene	6.5	
AGW002	05/21/2002	Trichloroethene	5.9	
AGW002	11/23/2002	Trichloroethene	7.1	
AGW002	05/23/2003	Trichloroethene	7.3	
AGW002	12/19/2003	Trichloroethene	7.5	
AGW002	06/14/2004	Trichloroethene	7	
AGW002	06/17/2004	Trichloroethene	7.0	
AGW002	08/30/2004	Trichloroethene	1.6	
AGW002	10/04/2004	Trichloroethene	1.6	
AGW002	11/01/2004	Trichloroethene	1.3	M
AGW002	12/08/2004	Trichloroethene	1.0	U
AGW002	12/09/2004	Trichloroethene	0.6	U
AGW002	01/03/2005	Trichloroethene	0.6	
AGW002	02/10/2005	Trichloroethene	0.4	
AGW002	03/07/2005	Trichloroethene	0.4	
AGW002	04/04/2005	Trichloroethene	0.2	
AGW002	05/03/2005	Trichloroethene	0.3	
AGW002	06/01/2005	Trichloroethene	0.4	
AGW002	07/05/2005	Trichloroethene	0.5	
AGW002	08/09/2005	Trichloroethene	0.6	
AGW002	09/07/2005	Trichloroethene	0.6	
AGW002	10/3/2005	Trichloroethene	0.4	
AGW002	11/8/2005	Trichloroethene	0.4	
AGW002	12/06/2005	Trichloroethene	0.4	J
AGW002	1/10/2006	Trichloroethene	0.2	U
AGW002	02/02/2006	Trichloroethene	0.2	
AGW002R	10/02/2006	Trichloroethene	3.6	
AGW002R	01/23/2007	Trichloroethene	0.3	
AGW002R	04/03/2007	Trichloroethene	0.2	U
AGW002R	06/12/2007	Trichloroethene	0.2	U
AGW002R	9/12/2007	Trichloroethene	0.2	U
AGW002R	12/11/2007	Trichloroethene	0.2	U
AGW002R	3/12/2008	Trichloroethene	0.2	U
AGW002	12/12/1995	Vinyl Chloride	21	
AGW002	03/21/1996	Vinyl Chloride	9.8	
AGW002	06/21/1996	Vinyl Chloride	11	
AGW002	10/03/1996	Vinyl Chloride	9.1	
AGW002	12/17/1996	Vinyl Chloride	5.3	
AGW002	03/18/1997	Vinyl Chloride	4.7	
AGW002	09/11/1997	Vinyl Chloride	5.4	
AGW002	03/25/1998	Vinyl Chloride	5.6	
AGW002	09/04/1998	Vinyl Chloride	4.7	
AGW002	02/18/1999	Vinyl Chloride	6.1	
AGW002	08/31/1999	Vinyl Chloride	6.3	
AGW002	03/15/2000	Vinyl Chloride	8.5	
AGW002	11/09/2000	Vinyl Chloride	4.7	
AGW002	05/22/2001	Vinyl Chloride	1.9	
AGW002	11/06/2001	Vinyl Chloride	1.9	
AGW002	05/21/2002	Vinyl Chloride	5.5	
AGW002	11/23/2002	Vinyl Chloride	3.3	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW002	05/23/2003	Vinyl Chloride	3.4	
AGW002	12/19/2003	Vinyl Chloride	2.2	
AGW002	06/14/2004	Vinyl Chloride	3.5	
AGW002	06/17/2004	Vinyl Chloride	3.5	
AGW002	08/30/2004	Vinyl Chloride	1.5	
AGW002	10/04/2004	Vinyl Chloride	1.1	
AGW002	11/01/2004	Vinyl Chloride	2.7	
AGW002	12/08/2004	Vinyl Chloride	1.2	
AGW002	12/09/2004	Vinyl Chloride	2.2	
AGW002	01/03/2005	Vinyl Chloride	1.6	
AGW002	02/10/2005	Vinyl Chloride	2.3	
AGW002	03/07/2005	Vinyl Chloride	2.4	
AGW002	04/04/2005	Vinyl Chloride	1.8	
AGW002	05/03/2005	Vinyl Chloride	2.1	
AGW002	06/01/2005	Vinyl Chloride	3.0	
AGW002	07/05/2005	Vinyl Chloride	3.4	
AGW002	08/09/2005	Vinyl Chloride	3.4	
AGW002	09/07/2005	Vinyl Chloride	3.0	
AGW002	10/3/2005	Vinyl Chloride	3.7	
AGW002	11/8/2005	Vinyl Chloride	2.8	
AGW002	12/6/2005	Vinyl Chloride	3.2	
AGW002	1/10/2006	Vinyl Chloride	1.7	
AGW002	2/2/2006	Vinyl Chloride	3.0	
AGW002R	10/2/2006	Vinyl Chloride	0.5	
AGW002R	1/23/2007	Vinyl Chloride	0.6	
AGW002R	4/3/2007	Vinyl Chloride	0.62	
AGW002R	6/12/2007	Vinyl Chloride	0.3	
AGW002R	9/12/2007	Vinyl Chloride	0.2	U
AGW002R	12/11/2007	Vinyl Chloride	0.3	
AGW002R	3/12/2008	Vinyl Chloride	0.3	
AGW004				
AGW004	12/12/1995	cis-1,2-Dichloroethene	1.1	
AGW004	03/21/1996	cis-1,2-Dichloroethene	1	U
AGW004	06/21/1996	cis-1,2-Dichloroethene	1	U
AGW004	10/03/1996	cis-1,2-Dichloroethene	1	U
AGW004	12/19/1996	cis-1,2-Dichloroethene	1	U
AGW004	03/18/1997	cis-1,2-Dichloroethene	1	U
AGW004	06/17/2004	cis-1,2-Dichloroethene	0.2	U
AGW004	09/01/2004	cis-1,2-Dichloroethene	0.8	
AGW004	10/04/2004	cis-1,2-Dichloroethene	1.6	
AGW004	11/01/2004	cis-1,2-Dichloroethene	2.5	
AGW004	12/10/2004	cis-1,2-Dichloroethene	2.3	
AGW004	01/04/2005	cis-1,2-Dichloroethene	2.2	
AGW004	02/07/2005	cis-1,2-Dichloroethene	2.7	
AGW004	03/07/2005	cis-1,2-Dichloroethene	2.1	
AGW004	04/04/2005	cis-1,2-Dichloroethene	1.9	
AGW004	05/02/2005	cis-1,2-Dichloroethene	2.2	
AGW004	06/01/2005	cis-1,2-Dichloroethene	1.8	
AGW004	07/05/2005	cis-1,2-Dichloroethene	1.5	
AGW004	08/09/2005	cis-1,2-Dichloroethene	1.7	
AGW004	09/07/2005	cis-1,2-Dichloroethene	2.1	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW004	06/27/1994	Trichloroethene	30.7	
AGW004	07/27/1994	Trichloroethene	24.8	
AGW004	12/15/1994	Trichloroethene	1.6	
AGW004	03/30/1995	Trichloroethene	6.06	
AGW004	12/12/1995	Trichloroethene	5.7	
AGW004	03/21/1996	Trichloroethene	2.6	
AGW004	06/21/1996	Trichloroethene	3	
AGW004	10/03/1996	Trichloroethene	2.8	
AGW004	12/19/1996	Trichloroethene	4	
AGW004	03/18/1997	Trichloroethene	2.2	
AGW004	06/17/2004	Trichloroethene	1.3	
AGW004	09/01/2004	Trichloroethene	1.3	
AGW004	10/04/2004	Trichloroethene	0.6	
AGW004	11/01/2004	Trichloroethene	0.3	
AGW004	12/10/2004	Trichloroethene	0.7	
AGW004	01/04/2005	Trichloroethene	0.3	
AGW004	02/07/2005	Trichloroethene	0.4	
AGW004	03/07/2005	Trichloroethene	0.3	
AGW004	04/04/2005	Trichloroethene	0.2	
AGW004	05/02/2005	Trichloroethene	0.2	
AGW004	06/01/2005	Trichloroethene	0.3	
AGW004	07/05/2005	Trichloroethene	0.4	
AGW004	08/09/2005	Trichloroethene	0.5	
AGW004	09/07/2005	Trichloroethene	0.5	
AGW004	12/12/1995	Vinyl Chloride	2	U
AGW004	03/21/1996	Vinyl Chloride	2	U
AGW004	06/21/1996	Vinyl Chloride	2	U
AGW004	10/03/1996	Vinyl Chloride	2	U
AGW004	12/19/1996	Vinyl Chloride	2	U
AGW004	03/18/1997	Vinyl Chloride	2	U
AGW004	06/17/2004	Vinyl Chloride	0.2	U
AGW004	09/01/2004	Vinyl Chloride	0.2	U
AGW004	10/04/2004	Vinyl Chloride	0.2	U
AGW004	11/01/2004	Vinyl Chloride	0.2	U
AGW004	12/10/2004	Vinyl Chloride	0.5	
AGW004	01/04/2005	Vinyl Chloride	0.2	U
AGW004	02/07/2005	Vinyl Chloride	0.2	U
AGW004	03/07/2005	Vinyl Chloride	0.2	U
AGW004	04/04/2005	Vinyl Chloride	0.2	U
AGW004	05/02/2005	Vinyl Chloride	0.2	U
AGW004	06/01/2005	Vinyl Chloride	0.2	U
AGW004	07/05/2005	Vinyl Chloride	0.2	U
AGW004	08/09/2005	Vinyl Chloride	0.2	U
AGW004	09/07/2005	Vinyl Chloride	0.2	U
AGW005				
AGW005	12/07/1995	cis-1,2-Dichloroethene	1	U
AGW005	03/27/1996	cis-1,2-Dichloroethene	1	U
AGW005	06/19/1996	cis-1,2-Dichloroethene	1	U
AGW005	10/03/1996	cis-1,2-Dichloroethene	1	U
AGW005	12/18/1996	cis-1,2-Dichloroethene	1	U
AGW005	03/14/1997	cis-1,2-Dichloroethene	1	U

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW005	02/10/2005	cis-1,2-Dichloroethene	0.2	
AGW005	05/03/2005	cis-1,2-Dichloroethene	0.2	U
AGW005	08/12/2005	cis-1,2-Dichloroethene	0.2	U
AGW005	06/28/1994	Trichloroethene	3.17	
AGW005	07/26/1994	Trichloroethene	2.69	
AGW005	09/22/1994	Trichloroethene	6	
AGW005	03/29/1995	Trichloroethene	2.62	
AGW005	12/07/1995	Trichloroethene	5.6	
AGW005	03/27/1996	Trichloroethene	2.4	
AGW005	06/19/1996	Trichloroethene	2.4	
AGW005	10/03/1996	Trichloroethene	3.8	
AGW005	12/18/1996	Trichloroethene	4.8	
AGW005	03/14/1997	Trichloroethene	2.3	
AGW005	02/10/2005	Trichloroethene	2.4	
AGW005	05/03/2005	Trichloroethene	1.4	
AGW005	08/12/2005	Trichloroethene	1.0	
AGW005	12/07/1995	Vinyl Chloride	2	U
AGW005	03/27/1996	Vinyl Chloride	2	U
AGW005	06/19/1996	Vinyl Chloride	2	U
AGW005	10/03/1996	Vinyl Chloride	2	U
AGW005	12/18/1996	Vinyl Chloride	2	U
AGW005	03/14/1997	Vinyl Chloride	2	U
AGW005	02/10/2005	Vinyl Chloride	0.2	U
AGW005	05/03/2005	Vinyl Chloride	0.2	U
AGW005	08/12/2005	Vinyl Chloride	0.2	U
AGW006/AGW006R				
AGW006	06/28/1994	cis-1,2-Dichloroethene	14.3	
AGW006	07/26/1994	cis-1,2-Dichloroethene	7.36	
AGW006	09/22/1994	cis-1,2-Dichloroethene	13.15	
AGW006	03/22/1995	cis-1,2-Dichloroethene	18.93	
AGW006	12/07/1995	cis-1,2-Dichloroethene	11	
AGW006	03/26/1996	cis-1,2-Dichloroethene	15	
AGW006	06/19/1996	cis-1,2-Dichloroethene	12	
AGW006	09/26/1996	cis-1,2-Dichloroethene	15	J
AGW006	12/18/1996	cis-1,2-Dichloroethene	17	
AGW006	03/13/1997	cis-1,2-Dichloroethene	11	
AGW006	12/21/2003	cis-1,2-Dichloroethene	3	
AGW006	03/01/2004	cis-1,2-Dichloroethene	2.8	
AGW006	06/14/2004	cis-1,2-Dichloroethene	1.6	
AGW006	08/18/2004	cis-1,2-Dichloroethene	0.3	
AGW006	12/09/2004	cis-1,2-Dichloroethene	4.9	
AGW006R	4/2/2007	cis-1,2-Dichloroethene	1.1	
AGW006R	6/11/2007	cis-1,2-Dichloroethene	0.5	
AGW006R	9/11/2007	cis-1,2-Dichloroethene	0.4	
AGW006R	12/12/2007	cis-1,2-Dichloroethene	1.4	
AGW006R	3/13/2008	cis-1,2-Dichloroethene	1	
AGW006	06/28/1994	Trichloroethene	9.35	
AGW006	07/26/1994	Trichloroethene	6.17	
AGW006	09/22/1994	Trichloroethene	11.89	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW006	03/22/1995	Trichloroethene	18.98	
AGW006	12/07/1995	Trichloroethene	7.9	
AGW006	03/26/1996	Trichloroethene	14	
AGW006	06/19/1996	Trichloroethene	12	
AGW006	09/26/1996	Trichloroethene	12	J
AGW006	12/18/1996	Trichloroethene	15	
AGW006	03/13/1997	Trichloroethene	12	
AGW006	12/21/2003	Trichloroethene	7.1	
AGW006	03/01/2004	Trichloroethene	8	
AGW006	06/14/2004	Trichloroethene	4.4	
AGW006	08/18/2004	Trichloroethene	1.3	
AGW006	12/09/2004	Trichloroethene	5	
AGW006R	4/2/2007	Trichloroethene	1.1	
AGW006R	6/11/2007	Trichloroethene	0.5	
AGW006R	9/11/2007	Trichloroethene	0.8	
AGW006R	12/12/2007	Trichloroethene	2.0	
AGW006R	3/13/2008	Trichloroethene	1.4	
AGW006	12/07/1995	Vinyl Chloride	2	U
AGW006	03/26/1996	Vinyl Chloride	2	U
AGW006	06/19/1996	Vinyl Chloride	2	U
AGW006	09/26/1996	Vinyl Chloride	2	UJ
AGW006	12/18/1996	Vinyl Chloride	2	U
AGW006	03/13/1997	Vinyl Chloride	2	U
AGW006	12/21/2003	Vinyl Chloride	0.2	U
AGW006	03/01/2004	Vinyl Chloride	0.02	U
AGW006	06/14/2004	Vinyl Chloride	0.02	U
AGW006	08/18/2004	Vinyl Chloride	0.02	U
AGW006	12/09/2004	Vinyl Chloride	0.03	
AGW006R	4/2/2007	Vinyl Chloride	0.16	
AGW006R	6/11/2007	Vinyl Chloride	0.2	U
AGW006R	9/11/2007	Vinyl Chloride	0.2	U
AGW006R	12/12/2007	Vinyl Chloride	0.2	U
AGW006R	3/13/2008	Vinyl Chloride	0.2	U
AGW007				
AGW007	12/08/1995	cis-1,2-Dichloroethene	1	U
AGW007	03/27/1996	cis-1,2-Dichloroethene	1	U
AGW007	06/19/1996	cis-1,2-Dichloroethene	1	U
AGW007	09/26/1996	cis-1,2-Dichloroethene	1	UJ
AGW007	12/18/1996	cis-1,2-Dichloroethene	1	U
AGW007	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW007	12/21/2003	cis-1,2-Dichloroethene	0.2	U
AGW007	03/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW007	06/14/2004	cis-1,2-Dichloroethene	0.2	U
AGW007	08/18/2004	cis-1,2-Dichloroethene	0.2	U
AGW007	12/09/2004	cis-1,2-Dichloroethene	0.2	U
AGW007	06/27/1994	Trichloroethene	4.55	
AGW007	07/26/1994	Trichloroethene	4.33	
AGW007	09/22/1994	Trichloroethene	4.88	
AGW007	03/22/1995	Trichloroethene	3.75	
AGW007	12/08/1995	Trichloroethene	3	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW007	03/27/1996	Trichloroethene	3	
AGW007	06/19/1996	Trichloroethene	2.9	
AGW007	09/26/1996	Trichloroethene	3.4	J
AGW007	12/18/1996	Trichloroethene	2.8	
AGW007	03/14/1997	Trichloroethene	2.1	
AGW007	12/21/2003	Trichloroethene	2.6	
AGW007	03/01/2004	Trichloroethene	1.9	
AGW007	06/14/2004	Trichloroethene	2	
AGW007	08/18/2004	Trichloroethene	2	
AGW007	12/09/2004	Trichloroethene	1.8	
AGW007	12/08/1995	Vinyl Chloride	2	U
AGW007	03/27/1996	Vinyl Chloride	2	U
AGW007	06/19/1996	Vinyl Chloride	2	U
AGW007	09/26/1996	Vinyl Chloride	2	UJ
AGW007	12/18/1996	Vinyl Chloride	2	U
AGW007	03/14/1997	Vinyl Chloride	2	U
AGW007	12/21/2003	Vinyl Chloride	0.2	U
AGW007	03/01/2004	Vinyl Chloride	0.2	U
AGW007	06/14/2004	Vinyl Chloride	0.02	U
AGW007	08/18/2004	Vinyl Chloride	0.02	U
AGW007	12/09/2004	Vinyl Chloride	0.02	U
AGW031/AGW031R				
AGW031	10/03/1994	cis-1,2-Dichloroethene	5.7	
AGW031	03/27/1995	cis-1,2-Dichloroethene	3.33	
AGW031	12/11/1995	cis-1,2-Dichloroethene	4	
AGW031	03/21/1996	cis-1,2-Dichloroethene	5.4	
AGW031	06/20/1996	cis-1,2-Dichloroethene	4.7	
AGW031	10/02/1996	cis-1,2-Dichloroethene	3.3	
AGW031	03/18/1997	cis-1,2-Dichloroethene	5.8	
AGW031	09/10/1997	cis-1,2-Dichloroethene	2.9	
AGW031	03/25/1998	cis-1,2-Dichloroethene	4.2	
AGW031	09/01/1998	cis-1,2-Dichloroethene	2.1	
AGW031	02/18/1999	cis-1,2-Dichloroethene	2.4	
AGW031	08/30/1999	cis-1,2-Dichloroethene	1	U
AGW031	03/14/2000	cis-1,2-Dichloroethene	1.8	
AGW031	11/07/2000	cis-1,2-Dichloroethene	0.4	
AGW031	05/18/2001	cis-1,2-Dichloroethene	0.7	
AGW031	11/02/2001	cis-1,2-Dichloroethene	0.4	
AGW031	05/20/2002	cis-1,2-Dichloroethene	0.3	
AGW031	11/24/2002	cis-1,2-Dichloroethene	0.4	
AGW031	05/19/2003	cis-1,2-Dichloroethene	0.5	
AGW031	12/17/2003	cis-1,2-Dichloroethene	0.4	
AGW031	06/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW031	12/02/2004	cis-1,2-Dichloroethene	0.6	
AGW031	12/1/2005	cis-1,2-Dichloroethene	1.1	
AGW031R	4/3/2007	cis-1,2-Dichloroethene	2.9	
AGW031R	6/11/2007	cis-1,2-Dichloroethene	2.5	
AGW031R	9/11/2007	cis-1,2-Dichloroethene	2.2	
AGW031R	12/12/2007	cis-1,2-Dichloroethene	7.2	
AGW031R	3/13/2008	cis-1,2-Dichloroethene	2.6	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW031	10/03/1994	Trichloroethene	8.9	
AGW031	03/27/1995	Trichloroethene	10.97	
AGW031	12/11/1995	Trichloroethene	8.6	
AGW031	03/21/1996	Trichloroethene	9.5	
AGW031	06/20/1996	Trichloroethene	7.1	
AGW031	10/02/1996	Trichloroethene	5.4	
AGW031	03/18/1997	Trichloroethene	7.6	
AGW031	09/10/1997	Trichloroethene	4.8	
AGW031	03/25/1998	Trichloroethene	8.5	
AGW031	09/01/1998	Trichloroethene	5.4	
AGW031	02/18/1999	Trichloroethene	8.3	
AGW031	08/30/1999	Trichloroethene	2.6	
AGW031	03/14/2000	Trichloroethene	5.7	
AGW031	11/07/2000	Trichloroethene	2.2	
AGW031	05/18/2001	Trichloroethene	2.8	
AGW031	11/02/2001	Trichloroethene	1.9	
AGW031	05/20/2002	Trichloroethene	2.5	
AGW031	11/24/2002	Trichloroethene	2.2	
AGW031	05/19/2003	Trichloroethene	3.3	
AGW031	12/17/2003	Trichloroethene	1.9	
AGW031	06/07/2004	Trichloroethene	1.2	
AGW031	12/02/2004	Trichloroethene	3.6	
AGW031	12/1/2005	Trichloroethene	3.3	
AGW031R	4/3/2007	Trichloroethene	2.5	
AGW031R	6/11/2007	Trichloroethene	1.1	
AGW031R	9/11/2007	Trichloroethene	1.8	
AGW031R	12/12/2007	Trichloroethene	2.4	
AGW031R	3/13/2008	Trichloroethene	1.7	
AGW031	12/11/1995	Vinyl Chloride	2	U
AGW031	03/21/1996	Vinyl Chloride	2	U
AGW031	06/20/1996	Vinyl Chloride	2	U
AGW031	10/02/1996	Vinyl Chloride	2	U
AGW031	03/18/1997	Vinyl Chloride	2	U
AGW031	09/10/1997	Vinyl Chloride	0.2	U
AGW031	03/25/1998	Vinyl Chloride	0.2	U
AGW031	09/01/1998	Vinyl Chloride	0.2	U
AGW031	02/18/1999	Vinyl Chloride	0.2	U
AGW031	08/30/1999	Vinyl Chloride	1	U
AGW031	03/14/2000	Vinyl Chloride	1	U
AGW031	11/07/2000	Vinyl Chloride	0.2	U
AGW031	05/18/2001	Vinyl Chloride	0.2	U
AGW031	11/02/2001	Vinyl Chloride	0.2	U
AGW031	05/20/2002	Vinyl Chloride	0.2	U
AGW031	11/24/2002	Vinyl Chloride	0.2	U
AGW031	05/19/2003	Vinyl Chloride	0.2	U
AGW031	12/17/2003	Vinyl Chloride	0.2	U
AGW031	06/07/2004	Vinyl Chloride	0.02	U
AGW031	12/02/2004	Vinyl Chloride	0.025	
AGW031	12/1/2005	Vinyl Chloride	0.026	
AGW031R	4/3/2007	Vinyl Chloride	0.060	
AGW031R	6/11/2007	Vinyl Chloride	0.2	U
AGW031R	9/11/2007	Vinyl Chloride	0.2	U

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW031R	12/12/2007	Vinyl Chloride	0.2	U
AGW031R	3/13/2008	Vinyl Chloride	0.2	U
AGW033				
AGW033	05/21/2003	cis-1,2-Dichloroethene	2.6	
AGW033	12/17/2003	cis-1,2-Dichloroethene	2.8	
AGW033	06/03/2004	cis-1,2-Dichloroethene	2.5	
AGW033	12/01/2004	cis-1,2-Dichloroethene	2.7	
AGW033	05/24/2005	cis-1,2-Dichloroethene	3.4	
AGW033	12/05/2005	cis-1,2-Dichloroethene	4.5	
AGW033	06/06/2006	cis-1,2-Dichloroethene	3.5	
AGW033	12/04/2006	cis-1,2-Dichloroethene	3.2	
AGW033	06/04/2007	cis-1,2-Dichloroethene	1.2	
AGW033	06/04/2007	cis-1,2-Dichloroethene	1.3	
AGW033	12/10/2007	cis-1,2-Dichloroethene	0.5	
AGW033	05/21/2003	Trichloroethene	4	
AGW033	12/17/2003	Trichloroethene	4.4	
AGW033	06/03/2004	Trichloroethene	3.6	
AGW033	12/01/2004	Trichloroethene	5	
AGW033	05/24/2005	Trichloroethene	5	
AGW033	12/05/2005	Trichloroethene	6.8	
AGW033	06/06/2006	Trichloroethene	4.5	
AGW033	12/04/2006	Trichloroethene	5.8	
AGW033	06/04/2007	Trichloroethene	1.9	
AGW033	06/04/2007	Trichloroethene	2	
AGW033	12/10/2007	Trichloroethene	0.7	
AGW033	05/21/2003	Vinyl Chloride	1.1	
AGW033	12/17/2003	Vinyl Chloride	1	
AGW033	06/03/2004	Vinyl Chloride	0.7	
AGW033	06/03/2004	Vinyl Chloride	0.66	
AGW033	12/01/2004	Vinyl Chloride	1.5	
AGW033	05/24/2005	Vinyl Chloride	0.8	
AGW033	05/24/2005	Vinyl Chloride	0.68	
AGW033	12/05/2005	Vinyl Chloride	1.4	
AGW033	12/05/2005	Vinyl Chloride	1.1	
AGW033	06/06/2006	Vinyl Chloride	0.6	
AGW033	06/06/2006	Vinyl Chloride	0.55	
AGW033	12/04/2006	Vinyl Chloride	0.9	
AGW033	12/04/2006	Vinyl Chloride	0.9	
AGW033	06/04/2007	Vinyl Chloride	0.2	U
AGW033	06/04/2007	Vinyl Chloride	0.15	
AGW033	06/04/2007	Vinyl Chloride	0.14	
AGW033	06/04/2007	Vinyl Chloride	0.2	U
AGW033	12/10/2007	Vinyl Chloride	0.041	
AGW033	12/10/2007	Vinyl Chloride	0.2	U
AGW051				
AGW051	02/20/2004	cis-1,2-Dichloroethene	0.2	
AGW051	02/20/2004	Trichloroethene	3.4	
AGW051	02/20/2004	Vinyl Chloride	0.2	U

SHALLOW WELL VOC RESULTS
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Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW052				
AGW052	09/20/1996	cis-1,2-Dichloroethene	1	UJ
AGW052	10/03/1996	cis-1,2-Dichloroethene	1	U
AGW052	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW052	12/19/1996	cis-1,2-Dichloroethene	1	U
AGW052	03/17/1997	cis-1,2-Dichloroethene	1	UJ
AGW052	02/20/2004	cis-1,2-Dichloroethene	0.2	U
AGW052	09/20/1996	Trichloroethene	6.2	J
AGW052	10/03/1996	Trichloroethene	6.4	
AGW052	10/30/1996	Trichloroethene	7.1	
AGW052	12/19/1996	Trichloroethene	7.1	
AGW052	03/17/1997	Trichloroethene	4.2	J
AGW052	02/20/2004	Trichloroethene	5	
AGW052	09/20/1996	Vinyl Chloride	2	UJ
AGW052	10/03/1996	Vinyl Chloride	2	U
AGW052	10/30/1996	Vinyl Chloride	2	U
AGW052	12/19/1996	Vinyl Chloride	2	U
AGW052	03/17/1997	Vinyl Chloride	2	UJ
AGW052	02/20/2004	Vinyl Chloride	0.2	U
AGW053/AGW053R				
AGW053	09/20/1996	cis-1,2-Dichloroethene	2.2	J
AGW053	10/03/1996	cis-1,2-Dichloroethene	2.9	
AGW053	10/30/1996	cis-1,2-Dichloroethene	2.7	
AGW053	12/19/1996	cis-1,2-Dichloroethene	2.2	
AGW053	03/17/1997	cis-1,2-Dichloroethene	1.5	J
AGW053	09/11/1997	cis-1,2-Dichloroethene	3.4	
AGW053	03/26/1998	cis-1,2-Dichloroethene	2.1	
AGW053	09/04/1998	cis-1,2-Dichloroethene	2	
AGW053	02/22/1999	cis-1,2-Dichloroethene	0.8	
AGW053	08/31/1999	cis-1,2-Dichloroethene	1.4	
AGW053	03/15/2000	cis-1,2-Dichloroethene	1	U
AGW053	12/19/2003	cis-1,2-Dichloroethene	0.2	
AGW053	06/16/2004	cis-1,2-Dichloroethene	0.2	U
AGW053	11/03/2004	cis-1,2-Dichloroethene	0.6	
AGW053	12/09/2004	cis-1,2-Dichloroethene	0.6	
AGW053	02/09/2005	cis-1,2-Dichloroethene	0.5	
AGW053	05/04/2005	cis-1,2-Dichloroethene	0.8	
AGW053	08/11/2005	cis-1,2-Dichloroethene	1.1	
AGW053	11/10/2005	cis-1,2-Dichloroethene	0.9	
AGW053	2/6/2006	cis-1,2-Dichloroethene	0.4	
AGW053R	10/2/2006	cis-1,2-Dichloroethene	0.3	
AGW053R	1/23/2007	cis-1,2-Dichloroethene	0.2	
AGW053R	4/3/2007	cis-1,2-Dichloroethene	0.2	
AGW053R	6/12/2007	cis-1,2-Dichloroethene	0.2	
AGW053R	9/12/2007	cis-1,2-Dichloroethene	0.5	
AGW053R	12/11/2007	cis-1,2-Dichloroethene	1.5	
AGW053R	3/12/2008	cis-1,2-Dichloroethene	0.6	
AGW053	09/20/1996	Trichloroethene	12	J
AGW053	10/03/1996	Trichloroethene	13	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW053	10/30/1996	Trichloroethene	12	
AGW053	12/19/1996	Trichloroethene	14	
AGW053	03/17/1997	Trichloroethene	11	J
AGW053	09/11/1997	Trichloroethene	13	
AGW053	03/26/1998	Trichloroethene	16	
AGW053	09/04/1998	Trichloroethene	12	J
AGW053	02/22/1999	Trichloroethene	9.4	
AGW053	08/31/1999	Trichloroethene	10	
AGW053	03/15/2000	Trichloroethene	8.8	
AGW053	12/19/2003	Trichloroethene	5.7	
AGW053	06/16/2004	Trichloroethene	4.5	
AGW053	11/03/2004	Trichloroethene	6.8	
AGW053	12/09/2004	Trichloroethene	5.8	
AGW053	02/09/2005	Trichloroethene	5.6	
AGW053	05/04/2005	Trichloroethene	4.5	
AGW053	08/11/2005	Trichloroethene	4.6	
AGW053	11/10/2005	Trichloroethene	5.7	
AGW053	2/6/2006	Trichloroethene	4.5	
AGW053R	10/2/2006	Trichloroethene	4.0	
AGW053R	1/23/2007	Trichloroethene	2.6	
AGW053R	4/3/2007	Trichloroethene	2.7	
AGW053R	6/12/2007	Trichloroethene	2.8	
AGW053R	9/12/2007	Trichloroethene	3.6	
AGW053R	12/11/2007	Trichloroethene	3.9	
AGW053R	3/12/2008	Trichloroethene	3.7	
AGW053	09/20/1996	Vinyl Chloride	2	UJ
AGW053	10/03/1996	Vinyl Chloride	2	U
AGW053	10/30/1996	Vinyl Chloride	2	U
AGW053	12/19/1996	Vinyl Chloride	2	U
AGW053	03/17/1997	Vinyl Chloride	2	UJ
AGW053	09/11/1997	Vinyl Chloride	0.2	
AGW053	03/26/1998	Vinyl Chloride	0.2	U
AGW053	09/04/1998	Vinyl Chloride	0.2	U
AGW053	02/22/1999	Vinyl Chloride	0.2	U
AGW053	08/31/1999	Vinyl Chloride	1	U
AGW053	03/15/2000	Vinyl Chloride	1	U
AGW053	12/19/2003	Vinyl Chloride	0.2	U
AGW053	06/16/2004	Vinyl Chloride	0.2	U
AGW053	11/03/2004	Vinyl Chloride	0.2	U
AGW053	12/09/2004	Vinyl Chloride	0.2	U
AGW053	02/09/2005	Vinyl Chloride	0.2	U
AGW053	05/04/2005	Vinyl Chloride	0.2	U
AGW053	08/11/2005	Vinyl Chloride	0.2	U
AGW053	11/10/2005	Vinyl Chloride	0.2	U
AGW053	2/6/2006	Vinyl Chloride	0.2	U
AGW053R	10/2/2006	Vinyl Chloride	0.2	U
AGW053R	1/23/2007	Vinyl Chloride	0.2	U
AGW053R	4/3/2007	Vinyl Chloride	0.16	
AGW053R	6/12/2007	Vinyl Chloride	0.3	
AGW053R	9/12/2007	Vinyl Chloride	0.2	U
AGW053R	12/11/2007	Vinyl Chloride	0.2	
AGW053R	3/12/2008	Vinyl Chloride	0.2	U

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW058/AGW058R				
AGW058	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW058	12/17/1996	cis-1,2-Dichloroethene	1	U
AGW058	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW058	09/11/1997	cis-1,2-Dichloroethene	0.2	
AGW058	03/23/1998	cis-1,2-Dichloroethene	0.2	U
AGW058	09/01/1998	cis-1,2-Dichloroethene	0.3	
AGW058	02/22/1999	cis-1,2-Dichloroethene	0.2	
AGW058	08/26/1999	cis-1,2-Dichloroethene	1	U
AGW058	03/09/2000	cis-1,2-Dichloroethene	1	U
AGW058	11/07/2000	cis-1,2-Dichloroethene	0.2	
AGW058	05/15/2001	cis-1,2-Dichloroethene	0.3	
AGW058	11/06/2001	cis-1,2-Dichloroethene	0.3	
AGW058	05/21/2002	cis-1,2-Dichloroethene	0.2	U
AGW058	11/23/2002	cis-1,2-Dichloroethene	0.2	U
AGW058	05/22/2003	cis-1,2-Dichloroethene	0.2	U
AGW058	12/18/2003	cis-1,2-Dichloroethene	0.2	U
AGW058	06/14/2004	cis-1,2-Dichloroethene	0.2	U
AGW058	12/09/2004	cis-1,2-Dichloroethene	0.2	U
AGW058R	4/19/2007	cis-1,2-Dichloroethene	0.2	U
AGW058R	6/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW058R	9/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW058R	12/12/2007	cis-1,2-Dichloroethene	0.2	U
AGW058R	3/13/2008	cis-1,2-Dichloroethene	0.2	U
AGW058	10/30/1996	Trichloroethene	7.7	
AGW058	12/17/1996	Trichloroethene	6.1	
AGW058	03/14/1997	Trichloroethene	3.1	
AGW058	09/11/1997	Trichloroethene	5.8	
AGW058	03/23/1998	Trichloroethene	3.7	
AGW058	09/01/1998	Trichloroethene	7.2	
AGW058	02/22/1999	Trichloroethene	4	
AGW058	08/26/1999	Trichloroethene	5.4	
AGW058	03/09/2000	Trichloroethene	3.5	
AGW058	11/07/2000	Trichloroethene	6	
AGW058	05/15/2001	Trichloroethene	6.4	
AGW058	11/06/2001	Trichloroethene	6.5	
AGW058	05/21/2002	Trichloroethene	2.4	
AGW058	11/23/2002	Trichloroethene	5	
AGW058	05/22/2003	Trichloroethene	2.5	
AGW058	12/18/2003	Trichloroethene	4.4	
AGW058	06/14/2004	Trichloroethene	2.7	
AGW058	12/09/2004	Trichloroethene	3.8	
AGW058R	4/19/2007	Trichloroethene	0.7	
AGW058R	6/11/2007	Trichloroethene	0.9	
AGW058R	9/11/2007	Trichloroethene	0.6	
AGW058R	12/12/2007	Trichloroethene	1.5	
AGW058R	3/13/2008	Trichloroethene	1.2	
AGW058	10/30/1996	Vinyl Chloride	2	U
AGW058	12/17/1996	Vinyl Chloride	2	U
AGW058	03/14/1997	Vinyl Chloride	2	U

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW058	09/11/1997	Vinyl Chloride	0.2	U
AGW058	03/23/1998	Vinyl Chloride	0.2	U
AGW058	09/01/1998	Vinyl Chloride	0.2	U
AGW058	02/22/1999	Vinyl Chloride	0.2	U
AGW058	08/26/1999	Vinyl Chloride	1	U
AGW058	03/09/2000	Vinyl Chloride	1	U
AGW058	11/07/2000	Vinyl Chloride	0.2	U
AGW058	05/15/2001	Vinyl Chloride	0.2	U
AGW058	11/06/2001	Vinyl Chloride	0.2	U
AGW058	05/21/2002	Vinyl Chloride	0.2	U
AGW058	11/23/2002	Vinyl Chloride	0.2	U
AGW058	05/22/2003	Vinyl Chloride	0.2	U
AGW058	12/18/2003	Vinyl Chloride	0.2	U
AGW058	06/14/2004	Vinyl Chloride	0.02	U
AGW058	12/09/2004	Vinyl Chloride	0.02	U
AGW058R	4/19/2007	Vinyl Chloride	0.2	U
AGW058R	6/11/2007	Vinyl Chloride	0.2	U
AGW058R	9/11/2007	Vinyl Chloride	0.2	U
AGW058R	12/12/2007	Vinyl Chloride	0.2	U
AGW058R	3/13/2008	Vinyl Chloride	0.2	U
AGW059/AGW059R				
AGW059	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW059	12/16/1996	cis-1,2-Dichloroethene	1	U
AGW059	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW059	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW059R	4/19/2007	cis-1,2-Dichloroethene	0.2	U
AGW059R	6/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW059R	9/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW059R	12/12/2007	cis-1,2-Dichloroethene	0.2	U
AGW059R	3/13/2008	cis-1,2-Dichloroethene	0.2	U
AGW059	10/30/1996	Trichloroethene	2.1	
AGW059	12/16/1996	Trichloroethene	3	
AGW059	03/14/1997	Trichloroethene	1.8	
AGW059	12/16/2003	Trichloroethene	1.1	
AGW059R	4/19/2007	Trichloroethene	0.5	
AGW059R	6/11/2007	Trichloroethene	0.6	
AGW059R	9/11/2007	Trichloroethene	0.8	
AGW059R	12/12/2007	Trichloroethene	0.6	
AGW059R	3/13/2008	Trichloroethene	0.7	
AGW059	10/30/1996	Vinyl Chloride	2	U
AGW059	12/16/1996	Vinyl Chloride	2	U
AGW059	03/14/1997	Vinyl Chloride	2	U
AGW059	12/16/2003	Vinyl Chloride	0.2	U
AGW059R	4/19/2007	Vinyl Chloride	0.2	U
AGW059R	6/11/2007	Vinyl Chloride	0.2	U
AGW059R	9/11/2007	Vinyl Chloride	0.2	U
AGW059R	12/12/2007	Vinyl Chloride	0.2	U
AGW059R	3/13/2008	Vinyl Chloride	0.2	U
AGW062				

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW062	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW062	12/17/1996	cis-1,2-Dichloroethene	1	U
AGW062	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW062	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW062	10/30/1996	Trichloroethene	2.5	
AGW062	12/17/1996	Trichloroethene	2.3	
AGW062	03/14/1997	Trichloroethene	1.3	
AGW062	12/16/2003	Trichloroethene	1.3	
AGW062	10/30/1996	Vinyl Chloride	2	U
AGW062	12/17/1996	Vinyl Chloride	2	U
AGW062	03/14/1997	Vinyl Chloride	2	U
AGW064				
AGW064	05/19/2003	cis-1,2-Dichloroethene	0.6	
AGW064	12/18/2003	cis-1,2-Dichloroethene	0.3	
AGW064	06/08/2004	cis-1,2-Dichloroethene	0.3	
AGW064	12/02/2004	cis-1,2-Dichloroethene	0.2	U
AGW064	05/26/2005	cis-1,2-Dichloroethene	0.3	
AGW064	12/01/2005	cis-1,2-Dichloroethene	0.6	
AGW064	06/05/2006	cis-1,2-Dichloroethene	0.2	
AGW064	12/05/2006	cis-1,2-Dichloroethene	0.6	
AGW064	06/04/2007	cis-1,2-Dichloroethene	0.2	U
AGW064	12/10/2007	cis-1,2-Dichloroethene	0.2	U
AGW064	05/19/2003	Trichloroethene	0.5	
AGW064	12/18/2003	Trichloroethene	0.3	
AGW064	06/08/2004	Trichloroethene	0.4	
AGW064	12/02/2004	Trichloroethene	0.2	
AGW064	05/26/2005	Trichloroethene	0.4	
AGW064	12/01/2005	Trichloroethene	0.4	
AGW064	06/05/2006	Trichloroethene	0.3	
AGW064	12/05/2006	Trichloroethene	0.5	
AGW064	06/04/2007	Trichloroethene	0.2	U
AGW064	12/10/2007	Trichloroethene	0.2	U
AGW064	05/19/2003	Vinyl Chloride	0.2	U
AGW064	12/18/2003	Vinyl Chloride	0.2	U
AGW064	06/08/2004	Vinyl Chloride	0.02	U
AGW064	06/08/2004	Vinyl Chloride	0.2	U
AGW064	12/02/2004	Vinyl Chloride	0.02	U
AGW064	05/26/2005	Vinyl Chloride	0.2	U
AGW064	05/26/2005	Vinyl Chloride	0.02	U
AGW064	12/01/2005	Vinyl Chloride	0.2	U
AGW064	12/01/2005	Vinyl Chloride	0.02	U
AGW064	06/05/2006	Vinyl Chloride	0.02	U
AGW064	06/05/2006	Vinyl Chloride	0.2	U
AGW064	12/05/2006	Vinyl Chloride	0.02	U
AGW064	12/05/2006	Vinyl Chloride	0.2	U
AGW064	06/04/2007	Vinyl Chloride	0.2	U
AGW064	06/04/2007	Vinyl Chloride	0.02	U
AGW064	12/10/2007	Vinyl Chloride	0.02	U

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW064	12/10/2007	Vinyl Chloride	0.2	U
AGW065				
AGW065	05/19/2003	cis-1,2-Dichloroethene	1.3	
AGW065	12/18/2003	cis-1,2-Dichloroethene	0.4	
AGW065	03/02/2004	cis-1,2-Dichloroethene	0.3	
AGW065	06/07/2004	cis-1,2-Dichloroethene	1.4	
AGW065	08/17/2004	cis-1,2-Dichloroethene	0.4	
AGW065	12/02/2004	cis-1,2-Dichloroethene	0.2	U
AGW065	05/26/2005	cis-1,2-Dichloroethene	0.2	
AGW065	12/01/2005	cis-1,2-Dichloroethene	0.2	U
AGW065	06/05/2006	cis-1,2-Dichloroethene	0.2	U
AGW065	12/05/2006	cis-1,2-Dichloroethene	0.2	U
AGW065	06/04/2007	cis-1,2-Dichloroethene	0.2	U
AGW065	12/10/2007	cis-1,2-Dichloroethene	0.2	U
AGW065	05/19/2003	Trichloroethene	3	
AGW065	12/18/2003	Trichloroethene	1.3	
AGW065	03/02/2004	Trichloroethene	0.7	
AGW065	06/07/2004	Trichloroethene	3.7	
AGW065	08/17/2004	Trichloroethene	1.7	
AGW065	12/02/2004	Trichloroethene	0.9	
AGW065	05/26/2005	Trichloroethene	0.9	
AGW065	12/01/2005	Trichloroethene	0.7	
AGW065	06/05/2006	Trichloroethene	0.2	U
AGW065	12/05/2006	Trichloroethene	0.2	U
AGW065	06/04/2007	Trichloroethene	0.2	U
AGW065	12/10/2007	Trichloroethene	0.2	U
AGW065	05/19/2003	Vinyl Chloride	0.2	U
AGW065	12/18/2003	Vinyl Chloride	0.2	U
AGW065	03/02/2004	Vinyl Chloride	0.02	U
AGW065	06/07/2004	Vinyl Chloride	0.2	U
AGW065	06/07/2004	Vinyl Chloride	0.02	U
AGW065	08/17/2004	Vinyl Chloride	0.02	U
AGW065	12/02/2004	Vinyl Chloride	0.02	U
AGW065	05/26/2005	Vinyl Chloride	0.02	U
AGW065	05/26/2005	Vinyl Chloride	0.2	U
AGW065	12/01/2005	Vinyl Chloride	0.02	U
AGW065	12/01/2005	Vinyl Chloride	0.2	U
AGW065	06/05/2006	Vinyl Chloride	0.2	U
AGW065	06/05/2006	Vinyl Chloride	0.02	U
AGW065	12/05/2006	Vinyl Chloride	0.02	U
AGW065	12/05/2006	Vinyl Chloride	0.2	U
AGW065	06/04/2007	Vinyl Chloride	0.02	U
AGW065	06/04/2007	Vinyl Chloride	0.2	U
AGW065	12/10/2007	Vinyl Chloride	0.2	U
AGW065	12/10/2007	Vinyl Chloride	0.02	U
AGW062	12/16/2003	Vinyl Chloride	0.2	U
AGW066				
AGW066	12/11/1996	cis-1,2-Dichloroethene	11	J
AGW066	03/13/1997	cis-1,2-Dichloroethene	8.9	

SHALLOW WELL VOC RESULTS
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Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW066	09/09/1997	cis-1,2-Dichloroethene	11	
AGW066	03/25/1998	cis-1,2-Dichloroethene	10	
AGW066	09/01/1998	cis-1,2-Dichloroethene	8.7	
AGW066	02/22/1999	cis-1,2-Dichloroethene	8.2	
AGW066	08/26/1999	cis-1,2-Dichloroethene	7.2	
AGW066	03/08/2000	cis-1,2-Dichloroethene	5.5	
AGW066	11/06/2000	cis-1,2-Dichloroethene	6.4	
AGW066	05/18/2001	cis-1,2-Dichloroethene	5.5	
AGW066	11/01/2001	cis-1,2-Dichloroethene	6.4	
AGW066	05/21/2002	cis-1,2-Dichloroethene	4.8	
AGW066	11/23/2002	cis-1,2-Dichloroethene	4.8	
AGW066	05/22/2003	cis-1,2-Dichloroethene	4	
AGW066	12/17/2003	cis-1,2-Dichloroethene	3	
AGW066	06/07/2004	cis-1,2-Dichloroethene	4.6	
AGW066	12/03/2004	cis-1,2-Dichloroethene	3.2	
AGW066	02/10/2005	cis-1,2-Dichloroethene	3.4	
AGW066	05/03/2005	cis-1,2-Dichloroethene	4.1	
AGW066	05/24/2005	cis-1,2-Dichloroethene	3.8	
AGW066	08/12/2005	cis-1,2-Dichloroethene	4.9	
AGW066	11/9/2005	cis-1,2-Dichloroethene	4.3	
AGW066	12/01/2005	cis-1,2-Dichloroethene	4.6	
AGW066	2/3/2006	cis-1,2-Dichloroethene	4.2	
AGW066	4/17/2006	cis-1,2-Dichloroethene	4.8	
AGW066	6/6/2006	cis-1,2-Dichloroethene	5.7	
AGW066	4/2/2007	cis-1,2-Dichloroethene	4.9	
AGW066	6/12/2007	cis-1,2-Dichloroethene	4.6	
AGW066	9/11/2007	cis-1,2-Dichloroethene	3.8	
AGW066	12/11/2007	cis-1,2-Dichloroethene	6.5	
AGW066	3/13/2008	cis-1,2-Dichloroethene	2.7	
AGW066	12/11/1996	Trichloroethene	20	J
AGW066	03/13/1997	Trichloroethene	16	
AGW066	09/09/1997	Trichloroethene	22	
AGW066	03/25/1998	Trichloroethene	21	
AGW066	09/01/1998	Trichloroethene	23	
AGW066	02/22/1999	Trichloroethene	16	
AGW066	08/26/1999	Trichloroethene	18	
AGW066	03/08/2000	Trichloroethene	15	
AGW066	11/06/2000	Trichloroethene	12	
AGW066	05/18/2001	Trichloroethene	15	
AGW066	11/01/2001	Trichloroethene	14	
AGW066	05/21/2002	Trichloroethene	14	
AGW066	11/23/2002	Trichloroethene	15	
AGW066	05/22/2003	Trichloroethene	13	
AGW066	12/17/2003	Trichloroethene	12	
AGW066	06/07/2004	Trichloroethene	15	
AGW066	12/03/2004	Trichloroethene	12	
AGW066	02/10/2005	Trichloroethene	12	
AGW066	05/03/2005	Trichloroethene	11	
AGW066	05/24/2005	Trichloroethene	11	
AGW066	08/12/2005	Trichloroethene	13	
AGW066	11/9/2005	Trichloroethene	12	
AGW066	12/01/2005	Trichloroethene	13	

SHALLOW WELL VOC RESULTS
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Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW066	2/3/2006	Trichloroethene	12	
AGW066	4/17/2006	Trichloroethene	11	
AGW066	6/6/2006	Trichloroethene	13	
AGW066	4/2/2007	Trichloroethene	7.8	
AGW066	6/12/2007	Trichloroethene	8.6	
AGW066	9/11/2007	Trichloroethene	9.5	
AGW066	12/11/2007	Trichloroethene	8.7	
AGW066	3/13/2008	Trichloroethene	8.8	
AGW066	12/11/1996	Vinyl Chloride	2	UJ
AGW066	03/13/1997	Vinyl Chloride	2	U
AGW066	09/09/1997	Vinyl Chloride	0.2	U
AGW066	03/25/1998	Vinyl Chloride	0.2	U
AGW066	09/01/1998	Vinyl Chloride	0.2	U
AGW066	02/22/1999	Vinyl Chloride	0.2	U
AGW066	08/26/1999	Vinyl Chloride	1	U
AGW066	03/08/2000	Vinyl Chloride	1	U
AGW066	11/06/2000	Vinyl Chloride	0.2	U
AGW066	05/18/2001	Vinyl Chloride	0.2	U
AGW066	11/01/2001	Vinyl Chloride	0.2	U
AGW066	05/21/2002	Vinyl Chloride	0.2	U
AGW066	11/23/2002	Vinyl Chloride	0.2	U
AGW066	05/22/2003	Vinyl Chloride	0.2	U
AGW066	12/17/2003	Vinyl Chloride	0.2	U
AGW066	06/07/2004	Vinyl Chloride	0.037	
AGW066	12/03/2004	Vinyl Chloride	0.022	
AGW066	02/10/2005	Vinyl Chloride	0.2	U
AGW066	05/03/2005	Vinyl Chloride	0.2	U
AGW066	05/24/2005	Vinyl Chloride	0.029	
AGW066	08/12/2005	Vinyl Chloride	0.2	U
AGW066	11/9/2005	Vinyl Chloride	0.2	U
AGW066	12/1/2005	Vinyl Chloride	0.2	U
AGW066	2/3/2006	Vinyl Chloride	0.2	U
AGW066	4/17/2006	Vinyl Chloride	0.2	U
AGW066	6/6/2006	Vinyl Chloride	0.2	U
AGW066	4/2/2007	Vinyl Chloride	0.020	U
AGW066	6/11/2007	Vinyl Chloride	0.2	U
AGW066	9/11/2007	Vinyl Chloride	0.2	U
AGW066	12/11/2007	Vinyl Chloride	0.2	U
AGW066	3/13/2008	Vinyl Chloride	0.2	U
AGW067				
AGW067	12/11/1996	cis-1,2-Dichloroethene	8.8	J
AGW067	03/13/1997	cis-1,2-Dichloroethene	3.3	
AGW067	09/09/1997	cis-1,2-Dichloroethene	7.4	
AGW067	03/24/1998	cis-1,2-Dichloroethene	7.5	
AGW067	09/01/1998	cis-1,2-Dichloroethene	10	
AGW067	02/22/1999	cis-1,2-Dichloroethene	6.2	
AGW067	08/26/1999	cis-1,2-Dichloroethene	7	
AGW067	03/08/2000	cis-1,2-Dichloroethene	6.4	
AGW067	11/06/2000	cis-1,2-Dichloroethene	8.9	
AGW067	05/15/2001	cis-1,2-Dichloroethene	8.5	
AGW067	11/01/2001	cis-1,2-Dichloroethene	7	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW067	05/21/2002	cis-1,2-Dichloroethene	7.5	
AGW067	11/23/2002	cis-1,2-Dichloroethene	7.1	
AGW067	05/22/2003	cis-1,2-Dichloroethene	7.7	
AGW067	12/18/2003	cis-1,2-Dichloroethene	6.3	
AGW067	06/08/2004	cis-1,2-Dichloroethene	8.1	
AGW067	12/09/2004	cis-1,2-Dichloroethene	6.8	
AGW067	02/10/2005	cis-1,2-Dichloroethene	6.2	
AGW067	05/03/2005	cis-1,2-Dichloroethene	7.3	
AGW067	05/24/2005	cis-1,2-Dichloroethene	6.9	
AGW067	08/12/2005	cis-1,2-Dichloroethene	8.4	
AGW067	11/9/2005	cis-1,2-Dichloroethene	7.4	
AGW067	12/01/2005	cis-1,2-Dichloroethene	7.5	
AGW067	2/3/2006	cis-1,2-Dichloroethene	5.8	
AGW067	4/17/2006	cis-1,2-Dichloroethene	7.4	
AGW067	6/6/2006	cis-1,2-Dichloroethene	7.8	
AGW067	04/02/2007	cis-1,2-Dichloroethene	4.6	
AGW067	06/12/2007	cis-1,2-Dichloroethene	6.2	
AGW067	9/12/2007	cis-1,2-Dichloroethene	8.5	
AGW067	12/11/2007	cis-1,2-Dichloroethene	2.6	
AGW067	3/13/2008	cis-1,2-Dichloroethene	6.5	
AGW067	12/11/1996	Trichloroethene	20	J
AGW067	03/13/1997	Trichloroethene	8.5	
AGW067	09/09/1997	Trichloroethene	12	
AGW067	03/24/1998	Trichloroethene	18	
AGW067	09/01/1998	Trichloroethene	15	
AGW067	02/22/1999	Trichloroethene	14	
AGW067	08/26/1999	Trichloroethene	12	
AGW067	03/08/2000	Trichloroethene	15	
AGW067	11/06/2000	Trichloroethene	14	
AGW067	05/15/2001	Trichloroethene	13	
AGW067	11/01/2001	Trichloroethene	9.6	
AGW067	05/21/2002	Trichloroethene	15	
AGW067	11/23/2002	Trichloroethene	12	
AGW067	05/22/2003	Trichloroethene	16	
AGW067	12/18/2003	Trichloroethene	11	
AGW067	06/08/2004	Trichloroethene	14	
AGW067	12/09/2004	Trichloroethene	12	
AGW067	02/10/2005	Trichloroethene	12	
AGW067	05/03/2005	Trichloroethene	11	
AGW067	05/24/2005	Trichloroethene	12	
AGW067	08/12/2005	Trichloroethene	10	
AGW067	11/9/2005	Trichloroethene	9.8	
AGW067	12/01/2005	Trichloroethene	12	
AGW067	2/3/2006	Trichloroethene	11	
AGW067	4/17/2006	Trichloroethene	10	
AGW067	6/6/2006	Trichloroethene	12	
AGW067	04/02/2007	Trichloroethene	9.8	
AGW067	06/12/2007	Trichloroethene	9.5	
AGW067	9/12/2007	Trichloroethene	7.6	
AGW067	12/11/2007	Trichloroethene	8.9	
AGW067	3/13/2008	Trichloroethene	9.4	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW067	12/11/1996	Vinyl Chloride	2	UJ
AGW067	03/13/1997	Vinyl Chloride	2	U
AGW067	09/09/1997	Vinyl Chloride	0.2	U
AGW067	03/24/1998	Vinyl Chloride	0.2	U
AGW067	09/01/1998	Vinyl Chloride	0.2	U
AGW067	02/22/1999	Vinyl Chloride	0.2	U
AGW067	08/26/1999	Vinyl Chloride	1	U
AGW067	03/08/2000	Vinyl Chloride	1	U
AGW067	11/06/2000	Vinyl Chloride	0.2	U
AGW067	05/15/2001	Vinyl Chloride	0.2	U
AGW067	11/01/2001	Vinyl Chloride	0.2	U
AGW067	05/21/2002	Vinyl Chloride	0.2	U
AGW067	11/23/2002	Vinyl Chloride	0.2	U
AGW067	05/22/2003	Vinyl Chloride	0.2	U
AGW067	12/18/2003	Vinyl Chloride	0.2	U
AGW067	06/08/2004	Vinyl Chloride	0.021	
AGW067	12/09/2004	Vinyl Chloride	0.027	
AGW067	02/10/2005	Vinyl Chloride	0.2	U
AGW067	05/03/2005	Vinyl Chloride	0.2	U
AGW067	05/24/2005	Vinyl Chloride	0.02	U
AGW067	08/12/2005	Vinyl Chloride	0.2	U
AGW067	11/9/2005	Vinyl Chloride	0.2	U
AGW067	12/1/2005	Vinyl Chloride	0.2	U
AGW067	2/3/2006	Vinyl Chloride	0.2	U
AGW067	4/17/2006	Vinyl Chloride	0.2	U
AGW067	6/6/2006	Vinyl Chloride	0.2	U
AGW067	4/2/2007	Vinyl Chloride	0.055	
AGW067	6/12/2007	Vinyl Chloride	0.2	U
AGW067	9/12/2007	Vinyl Chloride	0.2	U
AGW067	12/11/2007	Vinyl Chloride	0.2	U
AGW067	3/13/2008	Vinyl Chloride	0.2	U
AGW068				
AGW068	05/19/2003	cis-1,2-Dichloroethene	0.2	U
AGW068	12/18/2003	cis-1,2-Dichloroethene	0.2	U
AGW068	06/08/2004	cis-1,2-Dichloroethene	0.2	U
AGW068	12/03/2004	cis-1,2-Dichloroethene	0.2	U
AGW068	05/26/2005	cis-1,2-Dichloroethene	0.2	U
AGW068	12/01/2005	cis-1,2-Dichloroethene	0.2	U
AGW068	06/05/2006	cis-1,2-Dichloroethene	0.2	U
AGW068	12/05/2006	cis-1,2-Dichloroethene	0.2	U
AGW068	06/04/2007	cis-1,2-Dichloroethene	0.2	U
AGW068	12/10/2007	cis-1,2-Dichloroethene	0.2	U
AGW068	05/19/2003	Trichloroethene	0.2	U
AGW068	12/18/2003	Trichloroethene	0.2	U
AGW068	06/08/2004	Trichloroethene	0.2	U
AGW068	12/03/2004	Trichloroethene	0.2	U
AGW068	05/26/2005	Trichloroethene	0.2	U
AGW068	12/01/2005	Trichloroethene	0.2	U
AGW068	06/05/2006	Trichloroethene	0.2	U
AGW068	12/05/2006	Trichloroethene	0.2	U
AGW068	06/04/2007	Trichloroethene	0.2	U

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW068	12/10/2007	Trichloroethene	0.2	U
AGW068	05/19/2003	Vinyl Chloride	0.2	U
AGW068	12/18/2003	Vinyl Chloride	0.2	U
AGW068	06/08/2004	Vinyl Chloride	0.2	U
AGW068	06/08/2004	Vinyl Chloride	0.02	U
AGW068	12/03/2004	Vinyl Chloride	0.02	U
AGW068	05/26/2005	Vinyl Chloride	0.2	U
AGW068	05/26/2005	Vinyl Chloride	0.02	U
AGW068	12/01/2005	Vinyl Chloride	0.2	U
AGW068	12/01/2005	Vinyl Chloride	0.02	U
AGW068	06/05/2006	Vinyl Chloride	0.02	U
AGW068	06/05/2006	Vinyl Chloride	0.2	U
AGW068	12/05/2006	Vinyl Chloride	0.2	U
AGW068	12/05/2006	Vinyl Chloride	0.02	U
AGW068	06/04/2007	Vinyl Chloride	0.02	U
AGW068	06/04/2007	Vinyl Chloride	0.2	U
AGW068	12/10/2007	Vinyl Chloride	0.02	U
AGW068	12/10/2007	Vinyl Chloride	0.2	U
AGW069				
AGW069	05/19/2003	cis-1,2-Dichloroethene	0.2	U
AGW069	12/22/2003	cis-1,2-Dichloroethene	0.2	U
AGW069	06/10/2004	cis-1,2-Dichloroethene	0.2	U
AGW069	12/03/2004	cis-1,2-Dichloroethene	0.2	U
AGW069	05/26/2005	cis-1,2-Dichloroethene	0.2	U
AGW069	12/01/2005	cis-1,2-Dichloroethene	0.2	U
AGW069	06/05/2006	cis-1,2-Dichloroethene	0.2	U
AGW069	12/05/2006	cis-1,2-Dichloroethene	0.2	U
AGW069	06/04/2007	cis-1,2-Dichloroethene	0.2	U
AGW069	12/10/2007	cis-1,2-Dichloroethene	0.2	U
AGW069	05/19/2003	Trichloroethene	0.2	U
AGW069	12/22/2003	Trichloroethene	0.2	U
AGW069	06/10/2004	Trichloroethene	0.2	U
AGW069	12/03/2004	Trichloroethene	0.2	U
AGW069	05/26/2005	Trichloroethene	0.2	U
AGW069	12/01/2005	Trichloroethene	0.2	U
AGW069	06/05/2006	Trichloroethene	0.2	U
AGW069	12/05/2006	Trichloroethene	0.2	U
AGW069	06/04/2007	Trichloroethene	0.2	U
AGW069	12/10/2007	Trichloroethene	0.2	U
AGW069	05/19/2003	Vinyl Chloride	0.2	U
AGW069	12/22/2003	Vinyl Chloride	0.2	U
AGW069	06/10/2004	Vinyl Chloride	0.2	U
AGW069	06/10/2004	Vinyl Chloride	0.02	U
AGW069	12/03/2004	Vinyl Chloride	0.02	U
AGW069	05/26/2005	Vinyl Chloride	0.02	U
AGW069	05/26/2005	Vinyl Chloride	0.2	U
AGW069	12/01/2005	Vinyl Chloride	0.2	U
AGW069	12/01/2005	Vinyl Chloride	0.02	U
AGW069	06/05/2006	Vinyl Chloride	0.02	U

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW069	06/05/2006	Vinyl Chloride	0.2	U
AGW069	12/05/2006	Vinyl Chloride	0.2	U
AGW069	12/05/2006	Vinyl Chloride	0.02	U
AGW069	06/04/2007	Vinyl Chloride	0.02	U
AGW069	06/04/2007	Vinyl Chloride	0.2	U
AGW069	12/10/2007	Vinyl Chloride	0.2	U
AGW069	12/10/2007	Vinyl Chloride	0.02	U
AGW096				
AGW096	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW096	03/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW096	06/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW096	08/17/2004	cis-1,2-Dichloroethene	0.2	U
AGW096	12/06/2004	cis-1,2-Dichloroethene	0.2	U
AGW096	12/16/2003	Trichloroethene	0.2	U
AGW096	03/01/2004	Trichloroethene	0.2	U
AGW096	06/01/2004	Trichloroethene	0.2	U
AGW096	08/17/2004	Trichloroethene	0.2	U
AGW096	12/06/2004	Trichloroethene	0.2	U
AGW096	12/16/2003	Vinyl Chloride	0.2	U
AGW096	03/01/2004	Vinyl Chloride	0.02	U
AGW096	06/01/2004	Vinyl Chloride	0.02	U
AGW096	08/17/2004	Vinyl Chloride	0.02	U
AGW096	12/06/2004	Vinyl Chloride	0.02	U
AGW106/AGW106R				
AGW106	06/17/2004	cis-1,2-Dichloroethene	17	
AGW106	08/30/2004	cis-1,2-Dichloroethene	9.3	J
AGW106	10/05/2004	cis-1,2-Dichloroethene	51	
AGW106	11/01/2004	cis-1,2-Dichloroethene	18	
AGW106	12/08/2004	cis-1,2-Dichloroethene	8.6	
AGW106	01/03/2005	cis-1,2-Dichloroethene	24	
AGW106	02/07/2005	cis-1,2-Dichloroethene	27	
AGW106	03/07/2005	cis-1,2-Dichloroethene	83	
AGW106	04/04/2005	cis-1,2-Dichloroethene	16	
AGW106	05/03/2005	cis-1,2-Dichloroethene	8.0	
AGW106	06/01/2005	cis-1,2-Dichloroethene	8.0	
AGW106	07/05/2005	cis-1,2-Dichloroethene	4.3	
AGW106	08/09/2005	cis-1,2-Dichloroethene	4.0	
AGW106	09/08/2005	cis-1,2-Dichloroethene	4.0	
AGW106	10/3/2005	cis-1,2-Dichloroethene	4.2	
AGW106	11/8/2005	cis-1,2-Dichloroethene	3.4	J
AGW106	12/05/2005	cis-1,2-Dichloroethene	4.9	
AGW106	1/9/2006	cis-1,2-Dichloroethene	3.4	J
AGW106	02/01/2006	cis-1,2-Dichloroethene	3.1	
AGW106R	10/02/2006	cis-1,2-Dichloroethene	0.5	
AGW106R	01/23/2007	cis-1,2-Dichloroethene	0.5	
AGW106R	04/03/2007	cis-1,2-Dichloroethene	0.6	
AGW106R	06/11/2007	cis-1,2-Dichloroethene	0.6	
AGW106R	9/12/2007	cis-1,2-Dichloroethene	0.5	
AGW106R	12/11/2007	cis-1,2-Dichloroethene	0.4	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW106R	3/12/2008	cis-1,2-Dichloroethene	0.4	
AGW106	06/17/2004	Trichloroethene	120	
AGW106	08/30/2004	Trichloroethene	42	J
AGW106	10/05/2004	Trichloroethene	1.0	U
AGW106	11/01/2004	Trichloroethene	1.0	U
AGW106	12/08/2004	Trichloroethene	1.0	U
AGW106	01/03/2005	Trichloroethene	0.8	
AGW106	02/07/2005	Trichloroethene	1.0	U
AGW106	03/07/2005	Trichloroethene	1.0	U
AGW106	04/04/2005	Trichloroethene	1.0	U
AGW106	05/03/2005	Trichloroethene	1.0	U
AGW106	06/01/2005	Trichloroethene	1.3	
AGW106	07/05/2005	Trichloroethene	0.7	
AGW106	08/09/2005	Trichloroethene	0.8	
AGW106	09/08/2005	Trichloroethene	1.0	
AGW106	10/3/2005	Trichloroethene	0.5	
AGW106	11/8/2005	Trichloroethene	1.0	J
AGW106	12/05/2005	Trichloroethene	1.0	
AGW106	1/9/2006	Trichloroethene	1.0	U
AGW106	02/01/2006	Trichloroethene	1.0	U
AGW106R	10/02/2006	Trichloroethene	0.2	U
AGW106R	01/23/2007	Trichloroethene	0.2	
AGW106R	04/03/2007	Trichloroethene	0.3	
AGW106R	06/11/2007	Trichloroethene	0.2	
AGW106R	9/12/2007	Trichloroethene	0.2	U
AGW106R	12/11/2007	Trichloroethene	0.2	
AGW106R	3/12/2008	Trichloroethene	0.4	
AGW106	06/17/2004	Vinyl Chloride	1.0	U
AGW106	08/30/2004	Vinyl Chloride	1.0	UJ
AGW106	10/05/2004	Vinyl Chloride	1.0	U
AGW106	11/01/2004	Vinyl Chloride	1.0	U
AGW106	12/08/2004	Vinyl Chloride	1.0	U
AGW106	01/03/2005	Vinyl Chloride	0.4	U
AGW106	02/07/2005	Vinyl Chloride	2.2	
AGW106	03/07/2005	Vinyl Chloride	45	
AGW106	04/04/2005	Vinyl Chloride	13	
AGW106	05/03/2005	Vinyl Chloride	2.7	
AGW106	06/01/2005	Vinyl Chloride	4.6	
AGW106	07/05/2005	Vinyl Chloride	2.6	
AGW106	08/09/2005	Vinyl Chloride	2.1	
AGW106	09/08/2005	Vinyl Chloride	1.1	
AGW106	10/3/2005	Vinyl Chloride	1.2	
AGW106	11/8/2005	Vinyl Chloride	0.8	J
AGW106	12/05/2005	Vinyl Chloride	0.3	
AGW106	1/9/2006	Vinyl Chloride	1.0	U
AGW106	02/01/2006	Vinyl Chloride	1.0	U
AGW106R	10/02/2006	Vinyl Chloride	0.2	U
AGW106R	01/23/2007	Vinyl Chloride	0.2	U
AGW106R	04/03/2007	Vinyl Chloride	0.2	U
AGW106R	06/11/2007	Vinyl Chloride	0.2	U
AGW106R	9/12/2007	Vinyl Chloride	0.2	U

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW106R	12/11/2007	Vinyl Chloride	0.2	U
AGW106R	3/12/2008	Vinyl Chloride	0.2	U
AGW107				
AGW107	06/16/2004	cis-1,2-Dichloroethene	1.2	
AGW107	08/31/2004	cis-1,2-Dichloroethene	25	
AGW107	10/05/2004	cis-1,2-Dichloroethene	52	
AGW107	11/02/2004	cis-1,2-Dichloroethene	20	
AGW107	12/08/2004	cis-1,2-Dichloroethene	6.2	
AGW107	01/03/2005	cis-1,2-Dichloroethene	3.6	
AGW107	02/09/2005	cis-1,2-Dichloroethene	15	
AGW107	03/07/2005	cis-1,2-Dichloroethene	12	
AGW107	04/06/2005	cis-1,2-Dichloroethene	13	
AGW107	05/04/2005	cis-1,2-Dichloroethene	9.4	
AGW107	06/01/2005	cis-1,2-Dichloroethene	8.9	
AGW107	07/06/2005	cis-1,2-Dichloroethene	5.8	
AGW107	08/10/2005	cis-1,2-Dichloroethene	6.5	
AGW107	09/08/2005	cis-1,2-Dichloroethene	6.4	
AGW107	06/16/2004	Trichloroethene	8.9	
AGW107	08/31/2004	Trichloroethene	69	
AGW107	10/05/2004	Trichloroethene	1.0	U
AGW107	11/02/2004	Trichloroethene	1.1	
AGW107	12/08/2004	Trichloroethene	0.9	
AGW107	01/03/2005	Trichloroethene	0.8	
AGW107	02/09/2005	Trichloroethene	1.0	U
AGW107	03/07/2005	Trichloroethene	1.0	U
AGW107	04/06/2005	Trichloroethene	1.0	U
AGW107	05/04/2005	Trichloroethene	1.0	U
AGW107	06/01/2005	Trichloroethene	1.0	U
AGW107	07/06/2005	Trichloroethene	1.0	U
AGW107	08/10/2005	Trichloroethene	0.3	
AGW107	09/08/2005	Trichloroethene	0.4	
AGW107	06/16/2004	Vinyl Chloride	0.2	U
AGW107	08/31/2004	Vinyl Chloride	2.0	U
AGW107	10/05/2004	Vinyl Chloride	1.0	U
AGW107	11/02/2004	Vinyl Chloride	1.0	U
AGW107	12/08/2004	Vinyl Chloride	0.4	U
AGW107	01/03/2005	Vinyl Chloride	0.2	U
AGW107	02/09/2005	Vinyl Chloride	2.3	
AGW107	03/07/2005	Vinyl Chloride	2.1	
AGW107	04/06/2005	Vinyl Chloride	1.2	
AGW107	05/04/2005	Vinyl Chloride	1.0	U
AGW107	06/01/2005	Vinyl Chloride	1.0	
AGW107	07/06/2005	Vinyl Chloride	47	
AGW107	08/10/2005	Vinyl Chloride	0.8	
AGW107	09/08/2005	Vinyl Chloride	0.7	
AGW108				
AGW108	06/16/2004	cis-1,2-Dichloroethene	1.0	
AGW108	08/31/2004	cis-1,2-Dichloroethene	33	
AGW108	10/05/2004	cis-1,2-Dichloroethene	72	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW108	11/02/2004	cis-1,2-Dichloroethene	75	
AGW108	12/09/2004	cis-1,2-Dichloroethene	72	
AGW108	01/04/2005	cis-1,2-Dichloroethene	56	
AGW108	02/09/2005	cis-1,2-Dichloroethene	22	
AGW108	03/08/2005	cis-1,2-Dichloroethene	13	
AGW108	04/06/2005	cis-1,2-Dichloroethene	5.9	
AGW108	05/04/2005	cis-1,2-Dichloroethene	4.5	
AGW108	06/02/2005	cis-1,2-Dichloroethene	3.0	
AGW108	07/06/2005	cis-1,2-Dichloroethene	1.6	
AGW108	08/10/2005	cis-1,2-Dichloroethene	1.2	
AGW108	09/08/2005	cis-1,2-Dichloroethene	0.9	
AGW108	06/16/2004	Trichloroethene	6.6	
AGW108	08/31/2004	Trichloroethene	6.4	
AGW108	10/05/2004	Trichloroethene	1.0	U
AGW108	11/02/2004	Trichloroethene	1.0	U
AGW108	12/09/2004	Trichloroethene	2.0	U
AGW108	01/04/2005	Trichloroethene	1.0	U
AGW108	02/09/2005	Trichloroethene	1.0	U
AGW108	03/08/2005	Trichloroethene	0.6	U
AGW108	04/06/2005	Trichloroethene	1.0	U
AGW108	05/04/2005	Trichloroethene	1.0	U
AGW108	06/02/2005	Trichloroethene	1.0	U
AGW108	07/06/2005	Trichloroethene	0.2	U
AGW108	08/10/2005	Trichloroethene	0.2	U
AGW108	09/08/2005	Trichloroethene	0.2	U
AGW108	06/16/2004	Vinyl Chloride	0.2	U
AGW108	08/31/2004	Vinyl Chloride	1.0	U
AGW108	10/05/2004	Vinyl Chloride	3.9	
AGW108	11/02/2004	Vinyl Chloride	1.5	
AGW108	12/09/2004	Vinyl Chloride	2.0	U
AGW108	01/04/2005	Vinyl Chloride	5.4	
AGW108	02/09/2005	Vinyl Chloride	21	
AGW108	03/08/2005	Vinyl Chloride	24	
AGW108	04/06/2005	Vinyl Chloride	17	
AGW108	05/04/2005	Vinyl Chloride	13	
AGW108	06/02/2005	Vinyl Chloride	15	
AGW108	07/06/2005	Vinyl Chloride	3.9	
AGW108	08/10/2005	Vinyl Chloride	3.4	
AGW108	09/08/2005	Vinyl Chloride	2.3	
AGW109				
AGW109	06/16/2004	cis-1,2-Dichloroethene	26	
AGW109	08/31/2004	cis-1,2-Dichloroethene	18	
AGW109	10/05/2004	cis-1,2-Dichloroethene	120	
AGW109	11/02/2004	cis-1,2-Dichloroethene	65	
AGW109	12/09/2004	cis-1,2-Dichloroethene	83	
AGW109	01/04/2005	cis-1,2-Dichloroethene	71	
AGW109	02/09/2005	cis-1,2-Dichloroethene	48	
AGW109	03/08/2005	cis-1,2-Dichloroethene	39	
AGW109	04/06/2005	cis-1,2-Dichloroethene	34	
AGW109	05/04/2005	cis-1,2-Dichloroethene	22	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW109	06/02/2005	cis-1,2-Dichloroethene	21	
AGW109	07/06/2005	cis-1,2-Dichloroethene	18	
AGW109	08/10/2005	cis-1,2-Dichloroethene	36	
AGW109	09/08/2005	cis-1,2-Dichloroethene	28	
AGW109	06/16/2004	Trichloroethene	72	
AGW109	08/31/2004	Trichloroethene	46	
AGW109	10/05/2004	Trichloroethene	1.0	U
AGW109	11/02/2004	Trichloroethene	1.0	U
AGW109	12/09/2004	Trichloroethene	2.0	U
AGW109	01/04/2005	Trichloroethene	1.0	U
AGW109	02/09/2005	Trichloroethene	1.0	U
AGW109	03/08/2005	Trichloroethene	1.0	U
AGW109	04/06/2005	Trichloroethene	1.0	U
AGW109	05/04/2005	Trichloroethene	1.0	U
AGW109	06/02/2005	Trichloroethene	1.3	
AGW109	07/06/2005	Trichloroethene	1.6	
AGW109	08/10/2005	Trichloroethene	5.9	
AGW109	09/08/2005	Trichloroethene	2.1	
AGW109	06/16/2004	Vinyl Chloride	0.2	U
AGW109	08/31/2004	Vinyl Chloride	2.0	U
AGW109	10/05/2004	Vinyl Chloride	7.6	
AGW109	11/02/2004	Vinyl Chloride	1.0	U
AGW109	12/09/2004	Vinyl Chloride	2.0	U
AGW109	01/04/2005	Vinyl Chloride	1.0	U
AGW109	02/09/2005	Vinyl Chloride	1.3	
AGW109	03/08/2005	Vinyl Chloride	1.0	U
AGW109	04/06/2005	Vinyl Chloride	1.2	
AGW109	05/04/2005	Vinyl Chloride	1.8	
AGW109	06/02/2005	Vinyl Chloride	2.4	
AGW109	07/06/2005	Vinyl Chloride	2.3	
AGW109	08/10/2005	Vinyl Chloride	4.4	
AGW109	09/08/2005	Vinyl Chloride	5.0	
AGW110/AGW110R				
AGW110	06/17/2004	cis-1,2-Dichloroethene	22	
AGW110	08/31/2004	cis-1,2-Dichloroethene	50	
AGW110	10/05/2004	cis-1,2-Dichloroethene	69	
AGW110	11/02/2004	cis-1,2-Dichloroethene	110	
AGW110	12/09/2004	cis-1,2-Dichloroethene	95	
AGW110	01/04/2005	cis-1,2-Dichloroethene	91	
AGW110	02/09/2005	cis-1,2-Dichloroethene	73	
AGW110	03/08/2005	cis-1,2-Dichloroethene	75	
AGW110	04/06/2005	cis-1,2-Dichloroethene	64	
AGW110	05/04/2005	cis-1,2-Dichloroethene	35	
AGW110	06/02/2005	cis-1,2-Dichloroethene	16	
AGW110	07/06/2005	cis-1,2-Dichloroethene	5.5	
AGW110	08/11/2005	cis-1,2-Dichloroethene	1.5	
AGW110	09/08/2005	cis-1,2-Dichloroethene	1.0	
AGW110	10/04/2005	cis-1,2-Dichloroethene	0.6	
AGW110	11/09/2005	cis-1,2-Dichloroethene	0.5	
AGW110	12/05/2005	cis-1,2-Dichloroethene	2.0	U

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW110	01/10/2006	cis-1,2-Dichloroethene	1.0	
AGW110	02/03/2006	cis-1,2-Dichloroethene	1.1	
AGW110R	10/02/2006	cis-1,2-Dichloroethene	0.4	
AGW110R	01/23/2007	cis-1,2-Dichloroethene	0.3	
AGW110R	04/03/2007	cis-1,2-Dichloroethene	0.4	
AGW110R	06/12/2007	cis-1,2-Dichloroethene	0.2	
AGW110R	9/12/2007	cis-1,2-Dichloroethene	0.2	U
AGW110R	12/11/2007	cis-1,2-Dichloroethene	0.2	
AGW110R	3/12/2008	cis-1,2-Dichloroethene	0.2	U
AGW110	06/17/2004	Trichloroethene	94	
AGW110	08/31/2004	Trichloroethene	18	
AGW110	10/05/2004	Trichloroethene	1.0	U
AGW110	11/02/2004	Trichloroethene	1.0	U
AGW110	12/09/2004	Trichloroethene	2.0	U
AGW110	01/04/2005	Trichloroethene	1.0	U
AGW110	02/09/2005	Trichloroethene	1.0	U
AGW110	03/08/2005	Trichloroethene	1.0	U
AGW110	04/06/2005	Trichloroethene	1.0	U
AGW110	05/04/2005	Trichloroethene	1.0	U
AGW110	06/02/2005	Trichloroethene	0.2	U
AGW110	07/06/2005	Trichloroethene	0.2	U
AGW110	08/11/2005	Trichloroethene	0.2	U
AGW110	09/08/2005	Trichloroethene	0.2	U
AGW110	10/04/2005	Trichloroethene	0.2	U
AGW110	11/09/2005	Trichloroethene	0.2	U
AGW110	12/05/2005	Trichloroethene	2.0	U
AGW110	01/10/2006	Trichloroethene	1.0	U
AGW110	02/03/2006	Trichloroethene	0.2	
AGW110R	10/02/2006	Trichloroethene	0.5	
AGW110R	01/23/2007	Trichloroethene	0.3	
AGW110R	04/03/2007	Trichloroethene	0.3	
AGW110R	06/12/2007	Trichloroethene	0.3	
AGW110R	9/12/2007	Trichloroethene	0.3	
AGW110R	12/11/2007	Trichloroethene	0.3	
AGW110R	3/12/2008	Trichloroethene	0.4	
AGW110	06/17/2004	Vinyl Chloride	1.0	U
AGW110	08/31/2004	Vinyl Chloride	2.0	U
AGW110	10/05/2004	Vinyl Chloride	1.0	U
AGW110	11/02/2004	Vinyl Chloride	4.3	
AGW110	12/09/2004	Vinyl Chloride	4.9	
AGW110	01/04/2005	Vinyl Chloride	3.4	
AGW110	02/09/2005	Vinyl Chloride	10	
AGW110	03/08/2005	Vinyl Chloride	17	
AGW110	04/06/2005	Vinyl Chloride	29	
AGW110	05/04/2005	Vinyl Chloride	40	
AGW110	06/02/2005	Vinyl Chloride	49	
AGW110	07/06/2005	Vinyl Chloride	45	
AGW110	08/11/2005	Vinyl Chloride	13	
AGW110	09/08/2005	Vinyl Chloride	3.7	
AGW110	10/04/2005	Vinyl Chloride	1.9	
AGW110	11/09/2005	Vinyl Chloride	1.2	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW110	12/05/2005	Vinyl Chloride	2.0	U
AGW110	01/10/2006	Vinyl Chloride	1.0	U
AGW110	02/03/2006	Vinyl Chloride	1.2	
AGW110R	10/02/2006	Vinyl Chloride	0.3	
AGW110R	01/23/2007	Vinyl Chloride	0.4	
AGW110R	04/03/2007	Vinyl Chloride	0.3	
AGW110R	06/12/2007	Vinyl Chloride	0.3	
AGW110R	9/12/2007	Vinyl Chloride	0.2	U
AGW110R	12/11/2007	Vinyl Chloride	0.2	
AGW110R	3/12/2008	Vinyl Chloride	0.2	
AGW111				
AGW111	06/16/2004	cis-1,2-Dichloroethene	1.1	
AGW111	09/01/2004	cis-1,2-Dichloroethene	6.8	
AGW111	10/05/2004	cis-1,2-Dichloroethene	4.7	
AGW111	11/03/2004	cis-1,2-Dichloroethene	3.8	
AGW111	12/09/2004	cis-1,2-Dichloroethene	3.7	
AGW111	01/04/2005	cis-1,2-Dichloroethene	3.7	
AGW111	02/09/2005	cis-1,2-Dichloroethene	3.0	
AGW111	03/08/2005	cis-1,2-Dichloroethene	3.6	
AGW111	04/06/2005	cis-1,2-Dichloroethene	2.6	
AGW111	05/04/2005	cis-1,2-Dichloroethene	2.3	
AGW111	06/02/2005	cis-1,2-Dichloroethene	1.9	
AGW111	07/06/2005	cis-1,2-Dichloroethene	1.4	
AGW111	08/11/2005	cis-1,2-Dichloroethene	1.5	
AGW111	09/08/2005	cis-1,2-Dichloroethene	2.0	
AGW111	06/16/2004	Trichloroethene	7.3	
AGW111	09/01/2004	Trichloroethene	27	
AGW111	10/05/2004	Trichloroethene	24	
AGW111	11/03/2004	Trichloroethene	14	
AGW111	12/09/2004	Trichloroethene	6.4	
AGW111	01/04/2005	Trichloroethene	5.0	
AGW111	02/09/2005	Trichloroethene	5.3	
AGW111	03/08/2005	Trichloroethene	5.7	
AGW111	04/06/2005	Trichloroethene	5.8	
AGW111	05/04/2005	Trichloroethene	4.4	
AGW111	06/02/2005	Trichloroethene	4.4	
AGW111	07/06/2005	Trichloroethene	4.4	
AGW111	08/11/2005	Trichloroethene	4.8	
AGW111	09/08/2005	Trichloroethene	5.6	
AGW111	06/16/2004	Vinyl Chloride	0.2	U
AGW111	09/01/2004	Vinyl Chloride	1.0	U
AGW111	10/05/2004	Vinyl Chloride	0.5	
AGW111	11/03/2004	Vinyl Chloride	0.4	U
AGW111	12/09/2004	Vinyl Chloride	0.2	U
AGW111	01/04/2005	Vinyl Chloride	0.2	U
AGW111	02/09/2005	Vinyl Chloride	0.3	
AGW111	03/08/2005	Vinyl Chloride	0.6	
AGW111	04/06/2005	Vinyl Chloride	0.6	
AGW111	05/04/2005	Vinyl Chloride	0.5	
AGW111	06/02/2005	Vinyl Chloride	0.4	

SHALLOW WELL VOC RESULTS
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Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW111	07/06/2005	Vinyl Chloride	0.3	
AGW111	08/11/2005	Vinyl Chloride	0.4	
AGW111	09/08/2005	Vinyl Chloride	0.8	
AGW112/AGW112R				
AGW112	06/17/2004	cis-1,2-Dichloroethene	0.2	U
AGW112	09/01/2004	cis-1,2-Dichloroethene	0.8	
AGW112	10/06/2004	cis-1,2-Dichloroethene	1.0	
AGW112	11/03/2004	cis-1,2-Dichloroethene	1.2	
AGW112	12/09/2004	cis-1,2-Dichloroethene	2.1	
AGW112	01/04/2005	cis-1,2-Dichloroethene	2.3	
AGW112	02/09/2005	cis-1,2-Dichloroethene	1.6	
AGW112	03/08/2005	cis-1,2-Dichloroethene	1.3	
AGW112	04/06/2005	cis-1,2-Dichloroethene	1.0	
AGW112	05/04/2005	cis-1,2-Dichloroethene	1.1	
AGW112	06/02/2005	cis-1,2-Dichloroethene	1.0	
AGW112	07/06/2005	cis-1,2-Dichloroethene	0.7	
AGW112	08/11/2005	cis-1,2-Dichloroethene	0.8	
AGW112	09/08/2005	cis-1,2-Dichloroethene	1.2	
AGW112	10/04/2005	cis-1,2-Dichloroethene	1.3	
AGW112	11/10/2005	cis-1,2-Dichloroethene	1.0	
AGW112	12/06/2005	cis-1,2-Dichloroethene	1.1	
AGW112	01/10/2006	cis-1,2-Dichloroethene	1.0	
AGW112	02/06/2006	cis-1,2-Dichloroethene	0.6	
AGW112R	10/02/2006	cis-1,2-Dichloroethene	0.8	
AGW112R	01/23/2007	cis-1,2-Dichloroethene	0.3	
AGW112R	04/03/2007	cis-1,2-Dichloroethene	0.2	U
AGW112R	06/12/2007	cis-1,2-Dichloroethene	0.2	U
AGW112R	9/12/2007	cis-1,2-Dichloroethene	0.4	
AGW112R	12/11/2007	cis-1,2-Dichloroethene	0.7	
AGW112R	3/12/2008	cis-1,2-Dichloroethene	0.3	
AGW112	06/17/2004	Trichloroethene	2.4	
AGW112	09/01/2004	Trichloroethene	4.6	
AGW112	10/06/2004	Trichloroethene	5.2	
AGW112	11/03/2004	Trichloroethene	4.7	
AGW112	12/09/2004	Trichloroethene	3.6	
AGW112	01/04/2005	Trichloroethene	2.5	
AGW112	02/09/2005	Trichloroethene	2.4	
AGW112	03/08/2005	Trichloroethene	2.4	
AGW112	04/06/2005	Trichloroethene	2.5	
AGW112	05/04/2005	Trichloroethene	2.4	
AGW112	06/02/2005	Trichloroethene	2.4	
AGW112	07/06/2005	Trichloroethene	2.4	
AGW112	08/11/2005	Trichloroethene	2.6	
AGW112	09/08/2005	Trichloroethene	3.1	
AGW112	10/04/2005	Trichloroethene	3.3	
AGW112	11/10/2005	Trichloroethene	2.4	
AGW112	12/06/2005	Trichloroethene	2.8	
AGW112	01/10/2006	Trichloroethene	2.6	
AGW112	02/06/2006	Trichloroethene	2.1	
AGW112R	10/02/2006	Trichloroethene	2.7	
AGW112R	01/23/2007	Trichloroethene	1.8	

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Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW112R	04/03/2007	Trichloroethene	1.7	
AGW112R	06/12/2007	Trichloroethene	1.9	
AGW112R	9/12/2007	Trichloroethene	2.3	
AGW112R	12/11/2007	Trichloroethene	2.0	
AGW112R	3/12/2008	Trichloroethene	2.5	
AGW112	06/17/2004	Vinyl Chloride	0.2	U
AGW112	09/01/2004	Vinyl Chloride	0.2	U
AGW112	10/06/2004	Vinyl Chloride	0.3	
AGW112	11/03/2004	Vinyl Chloride	0.3	
AGW112	12/09/2004	Vinyl Chloride	0.2	
AGW112	01/04/2005	Vinyl Chloride	0.2	U
AGW112	02/09/2005	Vinyl Chloride	0.2	U
AGW112	03/08/2005	Vinyl Chloride	0.2	U
AGW112	04/06/2005	Vinyl Chloride	0.2	U
AGW112	05/04/2005	Vinyl Chloride	0.2	U
AGW112	06/02/2005	Vinyl Chloride	0.2	U
AGW112	07/06/2005	Vinyl Chloride	0.2	U
AGW112	08/11/2005	Vinyl Chloride	0.2	U
AGW112	09/08/2005	Vinyl Chloride	0.4	
AGW112	10/04/2005	Vinyl Chloride	0.4	
AGW112	11/10/2005	Vinyl Chloride	0.4	
AGW112	12/06/2005	Vinyl Chloride	0.4	
AGW112	01/10/2006	Vinyl Chloride	0.2	U
AGW112	02/06/2006	Vinyl Chloride	0.2	U
AGW112R	10/02/2006	Vinyl Chloride	0.2	U
AGW112R	01/23/2007	Vinyl Chloride	0.2	U
AGW112R	04/03/2007	Vinyl Chloride	0.2	U
AGW112R	06/12/2007	Vinyl Chloride	0.2	U
AGW112R	9/12/2007	Vinyl Chloride	0.2	U
AGW112R	12/11/2007	Vinyl Chloride	0.2	U
AGW112R	3/12/2008	Vinyl Chloride	0.2	U
AGW113				
AGW113	06/15/2004	cis-1,2-Dichloroethene	0.2	U
AGW113	09/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW113	10/06/2004	cis-1,2-Dichloroethene	0.2	U
AGW113	11/03/2004	cis-1,2-Dichloroethene	0.7	
AGW113	12/10/2004	cis-1,2-Dichloroethene	1.5	
AGW113	01/05/2005	cis-1,2-Dichloroethene	1.1	
AGW113	02/10/2005	cis-1,2-Dichloroethene	0.7	
AGW113	04/06/2005	cis-1,2-Dichloroethene	0.4	
AGW113	05/03/2005	cis-1,2-Dichloroethene	0.3	
AGW113	06/02/2005	cis-1,2-Dichloroethene	0.2	
AGW113	07/06/2005	cis-1,2-Dichloroethene	0.2	U
AGW113	08/12/2005	cis-1,2-Dichloroethene	0.2	U
AGW113	09/08/2005	cis-1,2-Dichloroethene	0.2	U
AGW113	06/15/2004	Trichloroethene	1.3	
AGW113	09/01/2004	Trichloroethene	1.2	
AGW113	10/06/2004	Trichloroethene	1.4	
AGW113	11/03/2004	Trichloroethene	0.7	
AGW113	12/10/2004	Trichloroethene	0.4	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW113	01/05/2005	Trichloroethene	0.6	
AGW113	02/10/2005	Trichloroethene	0.7	
AGW113	04/06/2005	Trichloroethene	1.0	
AGW113	05/03/2005	Trichloroethene	1.0	
AGW113	06/02/2005	Trichloroethene	1.0	
AGW113	07/06/2005	Trichloroethene	1.2	
AGW113	08/12/2005	Trichloroethene	1.2	
AGW113	09/08/2005	Trichloroethene	1.2	
AGW113	06/15/2004	Vinyl Chloride	0.2	U
AGW113	09/01/2004	Vinyl Chloride	0.2	U
AGW113	10/06/2004	Vinyl Chloride	0.2	U
AGW113	11/03/2004	Vinyl Chloride	0.2	U
AGW113	12/10/2004	Vinyl Chloride	0.2	U
AGW113	01/05/2005	Vinyl Chloride	0.2	U
AGW113	02/10/2005	Vinyl Chloride	0.2	U
AGW113	04/06/2005	Vinyl Chloride	0.2	U
AGW113	05/03/2005	Vinyl Chloride	0.2	U
AGW113	06/02/2005	Vinyl Chloride	0.2	U
AGW113	07/06/2005	Vinyl Chloride	0.2	U
AGW113	08/12/2005	Vinyl Chloride	0.2	U
AGW113	09/08/2005	Vinyl Chloride	0.2	U
AGW114				
AGW114	06/15/2004	cis-1,2-Dichloroethene	0.5	
AGW114	09/01/2004	cis-1,2-Dichloroethene	1.4	
AGW114	10/06/2004	cis-1,2-Dichloroethene	2.2	
AGW114	11/03/2004	cis-1,2-Dichloroethene	2.1	
AGW114	12/10/2004	cis-1,2-Dichloroethene	1.9	
AGW114	01/05/2005	cis-1,2-Dichloroethene	1.6	
AGW114	02/10/2005	cis-1,2-Dichloroethene	1.0	
AGW114	04/06/2005	cis-1,2-Dichloroethene	0.9	
AGW114	05/04/2005	cis-1,2-Dichloroethene	0.9	
AGW114	06/02/2005	cis-1,2-Dichloroethene	0.9	
AGW114	07/06/2005	cis-1,2-Dichloroethene	0.6	
AGW114	08/12/2005	cis-1,2-Dichloroethene	0.8	
AGW114	09/08/2005	cis-1,2-Dichloroethene	1.2	
AGW114	06/15/2004	Trichloroethene	6.2	
AGW114	09/01/2004	Trichloroethene	21	
AGW114	10/06/2004	Trichloroethene	6.8	
AGW114	11/03/2004	Trichloroethene	4.6	
AGW114	12/10/2004	Trichloroethene	1.5	
AGW114	01/05/2005	Trichloroethene	1.2	
AGW114	02/10/2005	Trichloroethene	2.0	
AGW114	04/06/2005	Trichloroethene	1.9	
AGW114	05/04/2005	Trichloroethene	1.6	
AGW114	06/02/2005	Trichloroethene	1.8	
AGW114	07/06/2005	Trichloroethene	1.9	
AGW114	08/12/2005	Trichloroethene	2.0	
AGW114	09/08/2005	Trichloroethene	4.7	
AGW114	06/15/2004	Vinyl Chloride	0.2	U

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW114	09/01/2004	Vinyl Chloride	0.6	U
AGW114	10/06/2004	Vinyl Chloride	0.2	U
AGW114	11/03/2004	Vinyl Chloride	0.2	U
AGW114	12/10/2004	Vinyl Chloride	0.2	U
AGW114	01/05/2005	Vinyl Chloride	0.2	U
AGW114	02/10/2005	Vinyl Chloride	0.2	U
AGW114	04/06/2005	Vinyl Chloride	0.2	U
AGW114	05/04/2005	Vinyl Chloride	0.2	U
AGW114	06/02/2005	Vinyl Chloride	0.2	U
AGW114	07/06/2005	Vinyl Chloride	0.2	U
AGW114	08/12/2005	Vinyl Chloride	0.2	U
AGW114	09/08/2005	Vinyl Chloride	0.2	U
AGW122				
AGW122	12/21/2004	cis-1,2-Dichloroethene	0.6	
AGW122	02/07/2005	cis-1,2-Dichloroethene	6.8	
AGW122	05/03/2005	cis-1,2-Dichloroethene	35	
AGW122	08/09/2005	cis-1,2-Dichloroethene	19	
AGW122	12/21/2004	Trichloroethene	5.8	
AGW122	02/07/2005	Trichloroethene	6.4	
AGW122	05/03/2005	Trichloroethene	1.0	U
AGW122	08/09/2005	Trichloroethene	5.0	U
AGW122	12/21/2004	Vinyl Chloride	0.2	U
AGW122	02/07/2005	Vinyl Chloride	2.0	U
AGW122	05/03/2005	Vinyl Chloride	1.0	U
AGW122	08/09/2005	Vinyl Chloride	5.0	U
AGW123				
AGW123	12/21/2004	cis-1,2-Dichloroethene	0.2	U
AGW123	02/07/2005	cis-1,2-Dichloroethene	0.2	U
AGW123	12/21/2004	Trichloroethene	0.9	
AGW123	02/07/2005	Trichloroethene	0.9	
AGW123	12/21/2004	Vinyl Chloride	0.2	U
AGW123	02/07/2005	Vinyl Chloride	0.2	U
AGW124				
AGW124	12/21/2004	cis-1,2-Dichloroethene	0.2	U
AGW124	02/08/2005	cis-1,2-Dichloroethene	0.2	U
AGW124	12/21/2004	Trichloroethene	0.7	
AGW124	02/08/2005	Trichloroethene	0.7	
AGW124	12/21/2004	Vinyl Chloride	0.2	U
AGW124	02/08/2005	Vinyl Chloride	0.2	U
AGW125				
AGW125	04/02/2007	cis-1,2-Dichloroethene	3.3	
AGW125	06/11/2007	cis-1,2-Dichloroethene	3.5	
AGW125	9/12/2007	cis-1,2-Dichloroethene	3.4	

SHALLOW WELL VOC RESULTS
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Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW125	12/11/2007	cis-1,2-Dichloroethene	2.5	
AGW125	3/13/2008	cis-1,2-Dichloroethene	3.4	
AGW125	04/02/2007	Trichloroethene	14	
AGW125	06/11/2007	Trichloroethene	13	
AGW125	9/12/2007	Trichloroethene	12	
AGW125	12/11/2007	Trichloroethene	13	
AGW125	3/13/2008	Trichloroethene	16	
AGW125	04/02/2007	Vinyl Chloride	0.2	U
AGW125	06/11/2007	Vinyl Chloride	0.2	U
AGW125	9/12/2007	Vinyl Chloride	0.2	U
AGW125	12/11/2007	Vinyl Chloride	0.2	U
AGW125	3/13/2008	Vinyl Chloride	0.2	U
IW31(S)				
IW31(S)	06/21/2004	cis-1,2-Dichloroethene	4.9	
IW31(S)	11/03/2004	cis-1,2-Dichloroethene	100	
IW31(S)	02/09/2005	cis-1,2-Dichloroethene	97	
IW31(S)	05/04/2005	cis-1,2-Dichloroethene	95	
IW31(S)	08/10/2005	cis-1,2-Dichloroethene	3.5	
IW31(S)	06/21/2004	Trichloroethene	25	
IW31(S)	11/03/2004	Trichloroethene	2.0	U
IW31(S)	02/09/2005	Trichloroethene	2.4	
IW31(S)	05/04/2005	Trichloroethene	0.5	
IW31(S)	08/10/2005	Trichloroethene	0.2	
IW31(S)	06/21/2004	Vinyl Chloride	0.6	U
IW31(S)	11/03/2004	Vinyl Chloride	2.7	
IW31(S)	02/09/2005	Vinyl Chloride	7.3	
IW31(S)	05/04/2005	Vinyl Chloride	1.5	
IW31(S)	08/10/2005	Vinyl Chloride	2.8	
IW5(S)				
IW5(S)	06/18/2004	cis-1,2-Dichloroethene	18	
IW5(S)	08/30/2004	cis-1,2-Dichloroethene	4.8	
IW5(S)	10/04/2004	cis-1,2-Dichloroethene	28	
IW5(S)	11/02/2004	cis-1,2-Dichloroethene	100	
IW5(S)	12/08/2004	cis-1,2-Dichloroethene	150	
IW5(S)	01/03/2005	cis-1,2-Dichloroethene	320	
IW5(S)	02/07/2005	cis-1,2-Dichloroethene	48	
IW5(S)	03/07/2005	cis-1,2-Dichloroethene	1.0	U
IW5(S)	04/04/2005	cis-1,2-Dichloroethene	100	
IW5(S)	05/03/2005	cis-1,2-Dichloroethene	40	
IW5(S)	06/01/2005	cis-1,2-Dichloroethene	34	
IW5(S)	07/05/2005	cis-1,2-Dichloroethene	18	
IW5(S)	08/09/2005	cis-1,2-Dichloroethene	15	
IW5(S)	09/07/2005	cis-1,2-Dichloroethene	14	
IW5(S)	06/18/2004	Trichloroethene	150	
IW5(S)	08/30/2004	Trichloroethene	26	
IW5(S)	10/04/2004	Trichloroethene	40	

SHALLOW WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
IW5(S)	11/02/2004	Trichloroethene	32	
IW5(S)	12/08/2004	Trichloroethene	27	
IW5(S)	01/03/2005	Trichloroethene	4.3	
IW5(S)	02/07/2005	Trichloroethene	11	
IW5(S)	03/07/2005	Trichloroethene	1.0	U
IW5(S)	04/04/2005	Trichloroethene	1.7	
IW5(S)	05/03/2005	Trichloroethene	1.0	U
IW5(S)	06/01/2005	Trichloroethene	1.0	U
IW5(S)	07/05/2005	Trichloroethene	0.2	
IW5(S)	08/09/2005	Trichloroethene	1.0	U
IW5(S)	09/07/2005	Trichloroethene	1.0	U
IW5(S)	06/18/2004	Vinyl Chloride	1.0	U
IW5(S)	08/30/2004	Vinyl Chloride	0.6	U
IW5(S)	10/04/2004	Vinyl Chloride	2.7	
IW5(S)	11/02/2004	Vinyl Chloride	3.2	
IW5(S)	12/08/2004	Vinyl Chloride	1.6	
IW5(S)	01/03/2005	Vinyl Chloride	3.0	U
IW5(S)	02/07/2005	Vinyl Chloride	3.4	
IW5(S)	03/07/2005	Vinyl Chloride	1.0	U
IW5(S)	04/04/2005	Vinyl Chloride	1.0	U
IW5(S)	05/03/2005	Vinyl Chloride	1.0	U
IW5(S)	06/01/2005	Vinyl Chloride	1.0	U
IW5(S)	07/05/2005	Vinyl Chloride	0.2	
IW5(S)	08/09/2005	Vinyl Chloride	1.0	U
IW5(S)	09/07/2005	Vinyl Chloride	1.0	U

U = Not Detected at the Reporting Limit

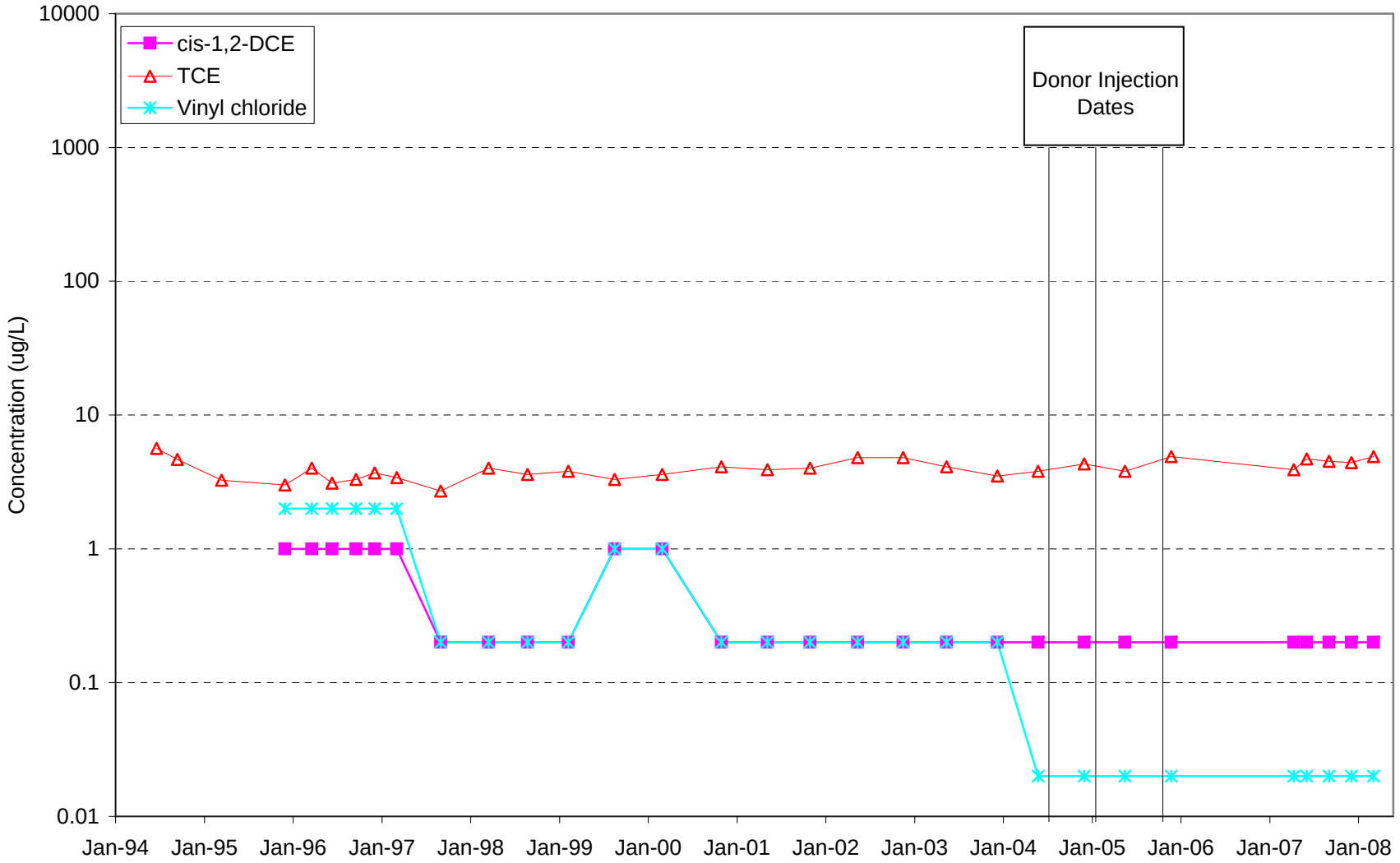
Notes:

All units are µg/L

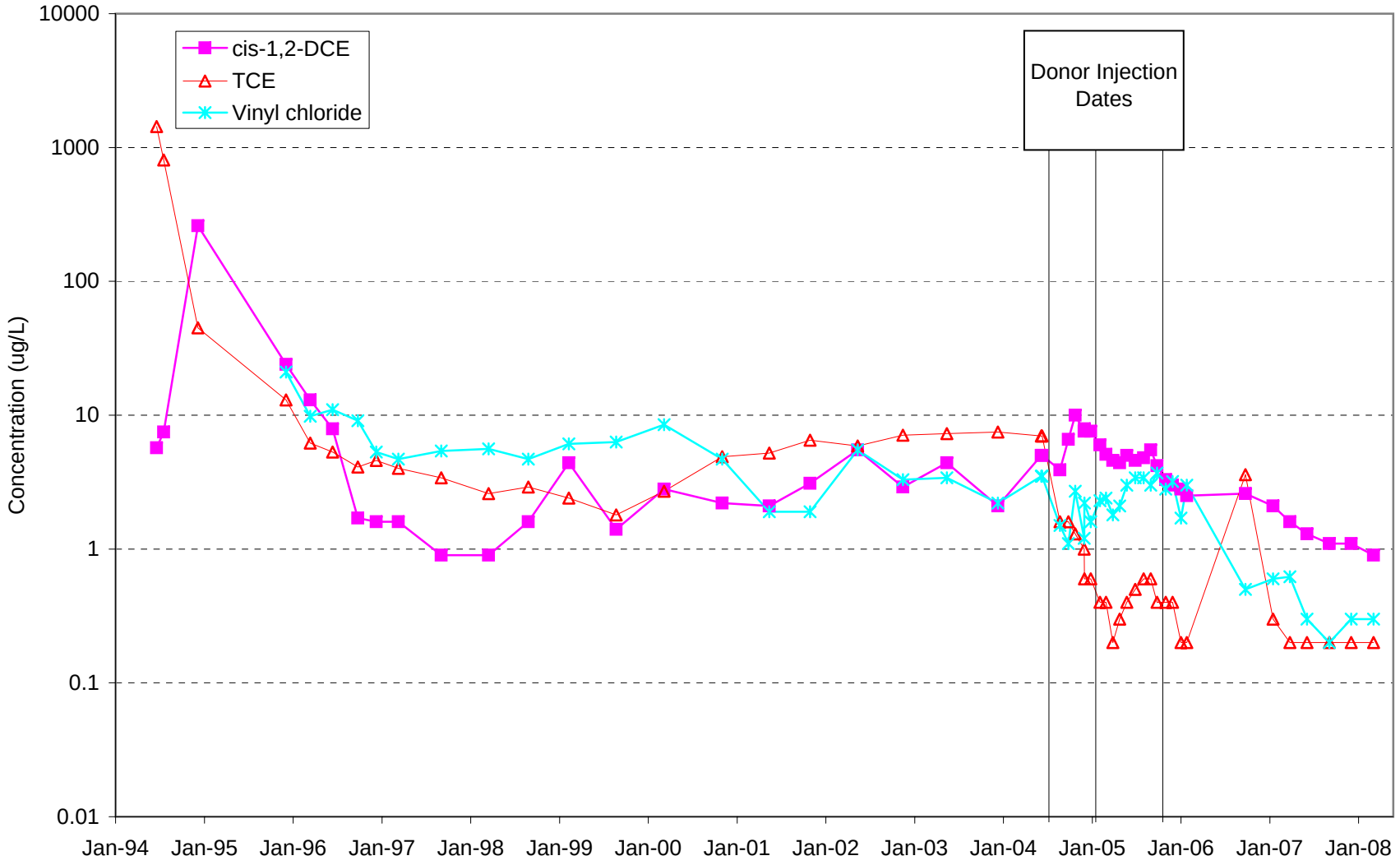
When vinyl chloride is reported by both VOC and VOCs: if both are detected, the higher of the detects is used; if both are not detected, lower RL is used; if one is detected and the other is not, then the detect is used.

Values for not detected plotted at reporting limit

AGW001/AGW001R



AGW002/AGW002R



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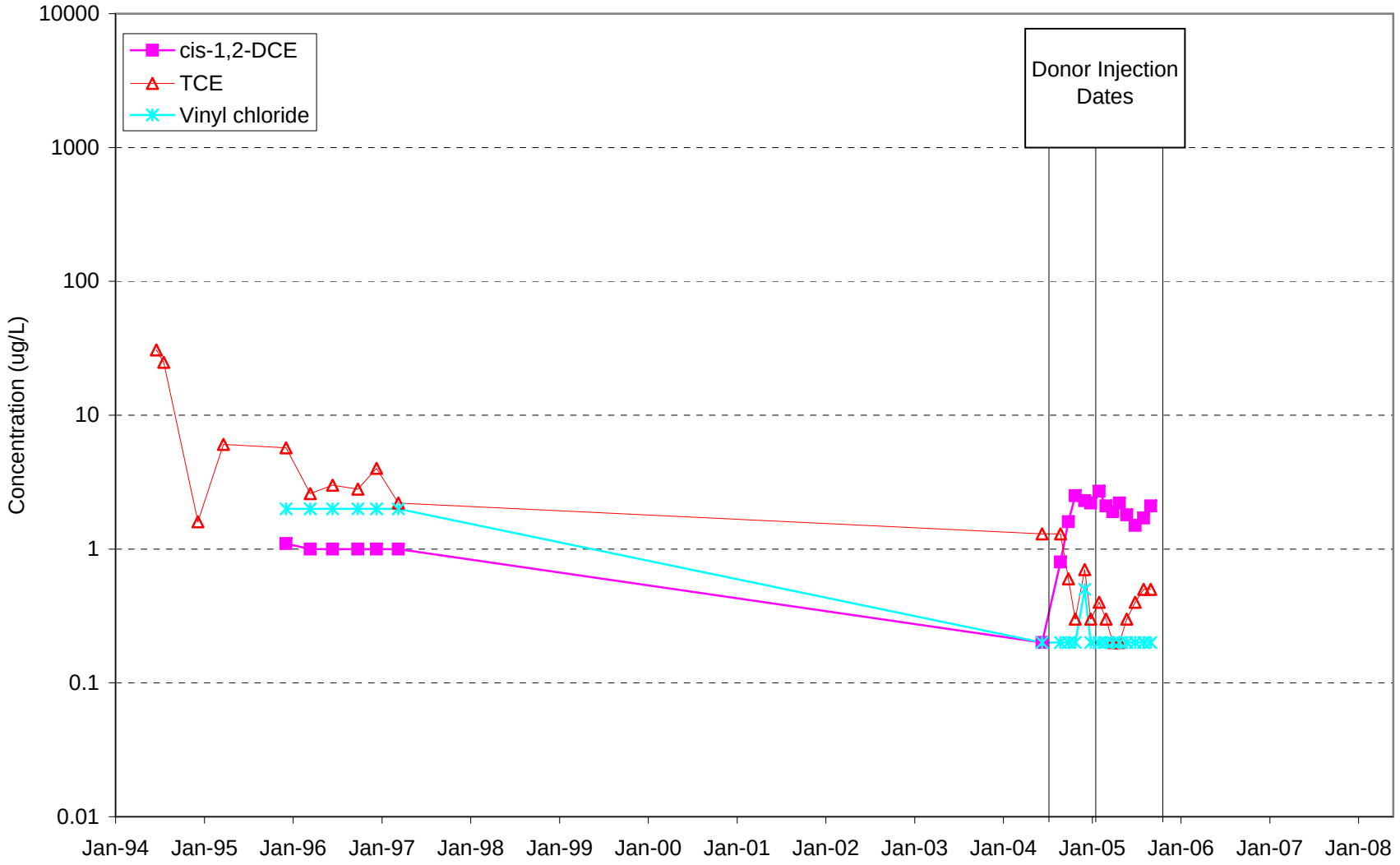
cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
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Jan-00
Jan-01
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Jan-04
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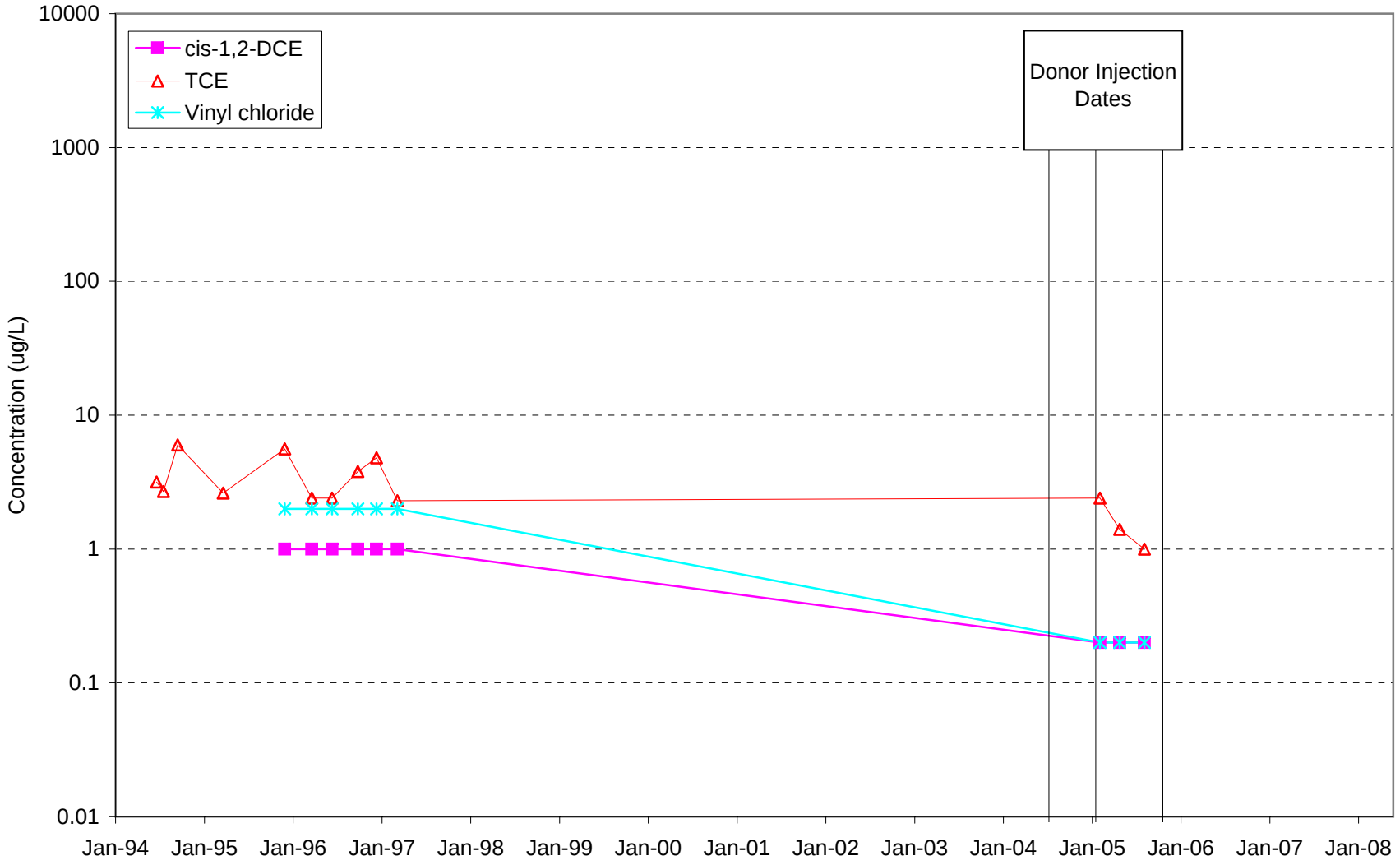
Jan-07
Jan-08

AGW005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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
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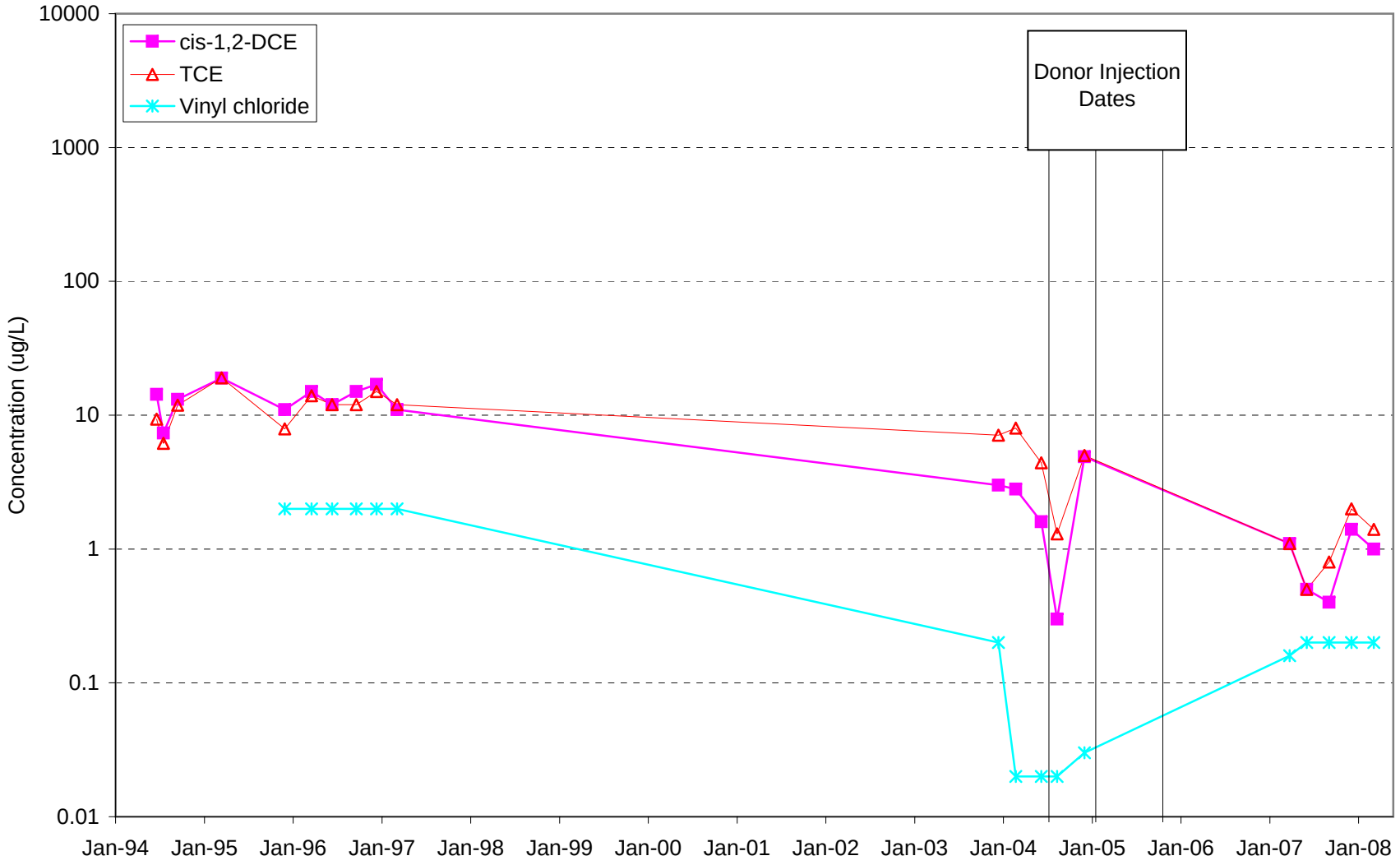
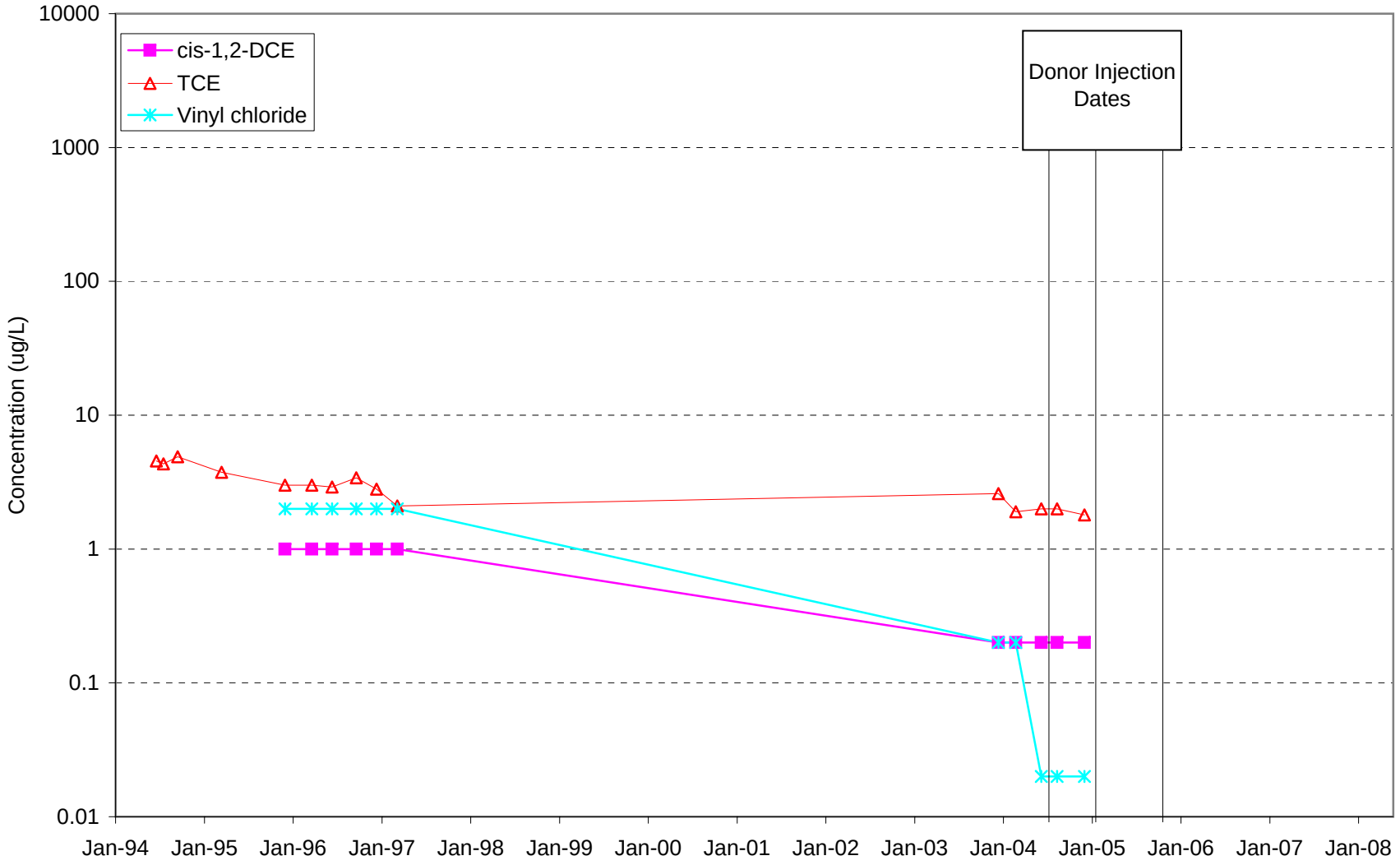
Jan-05
Jan-06
Jan-07
Jan-08

AGW006/AGW006R



AGW007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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
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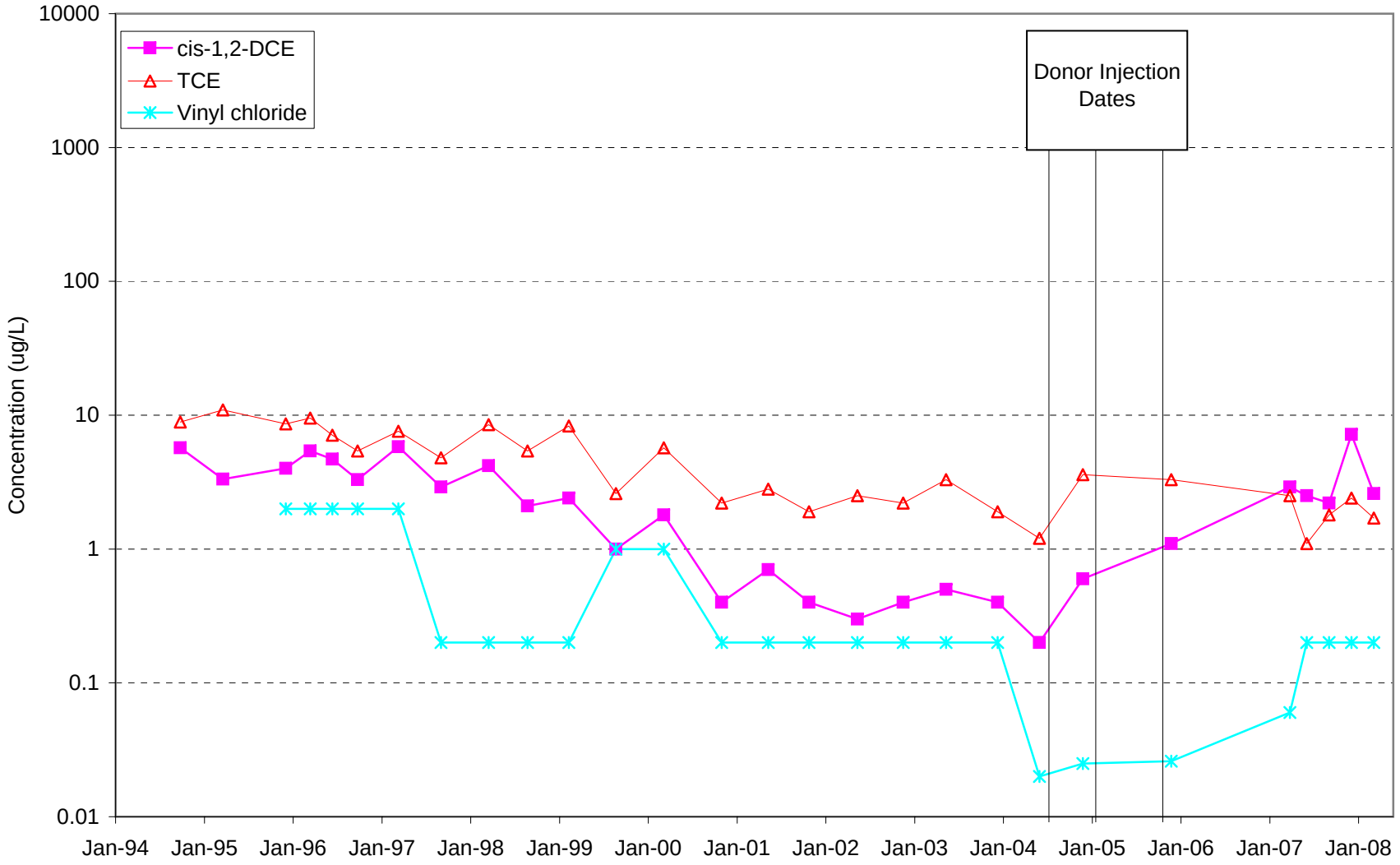
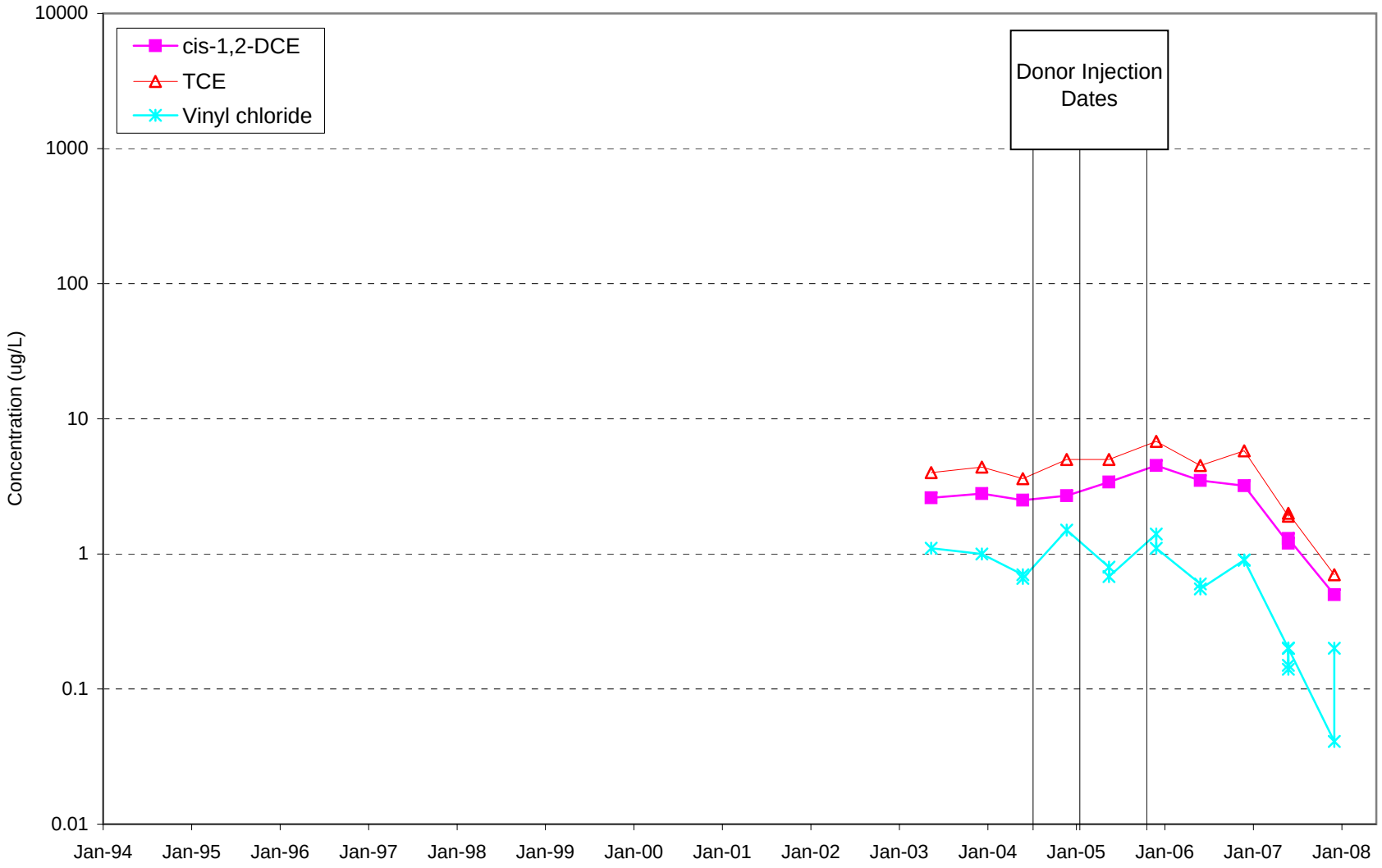
Jan-08

AGW031/AGW031R



AGW033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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
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Jan-94
Jan-95
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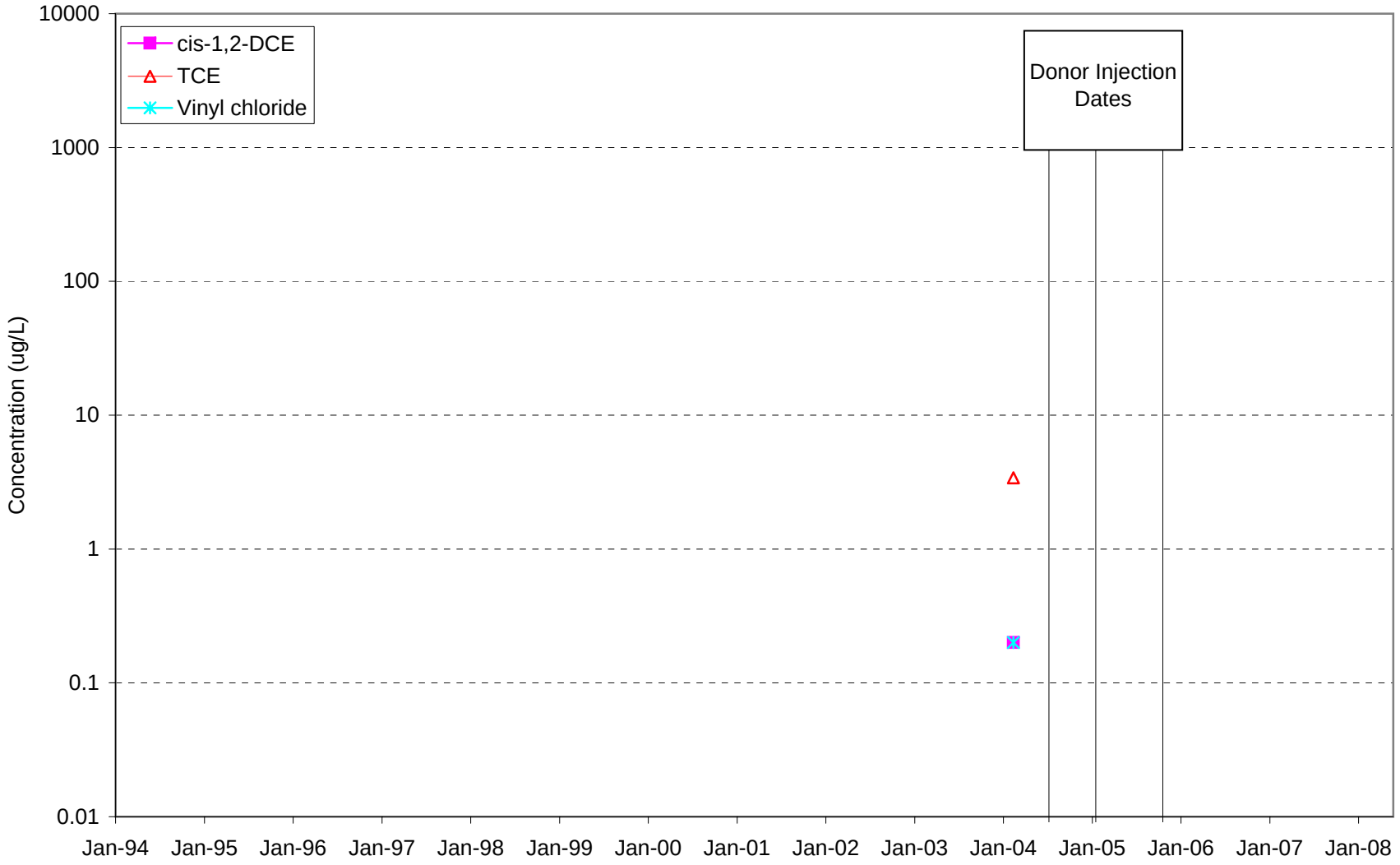
AGW051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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
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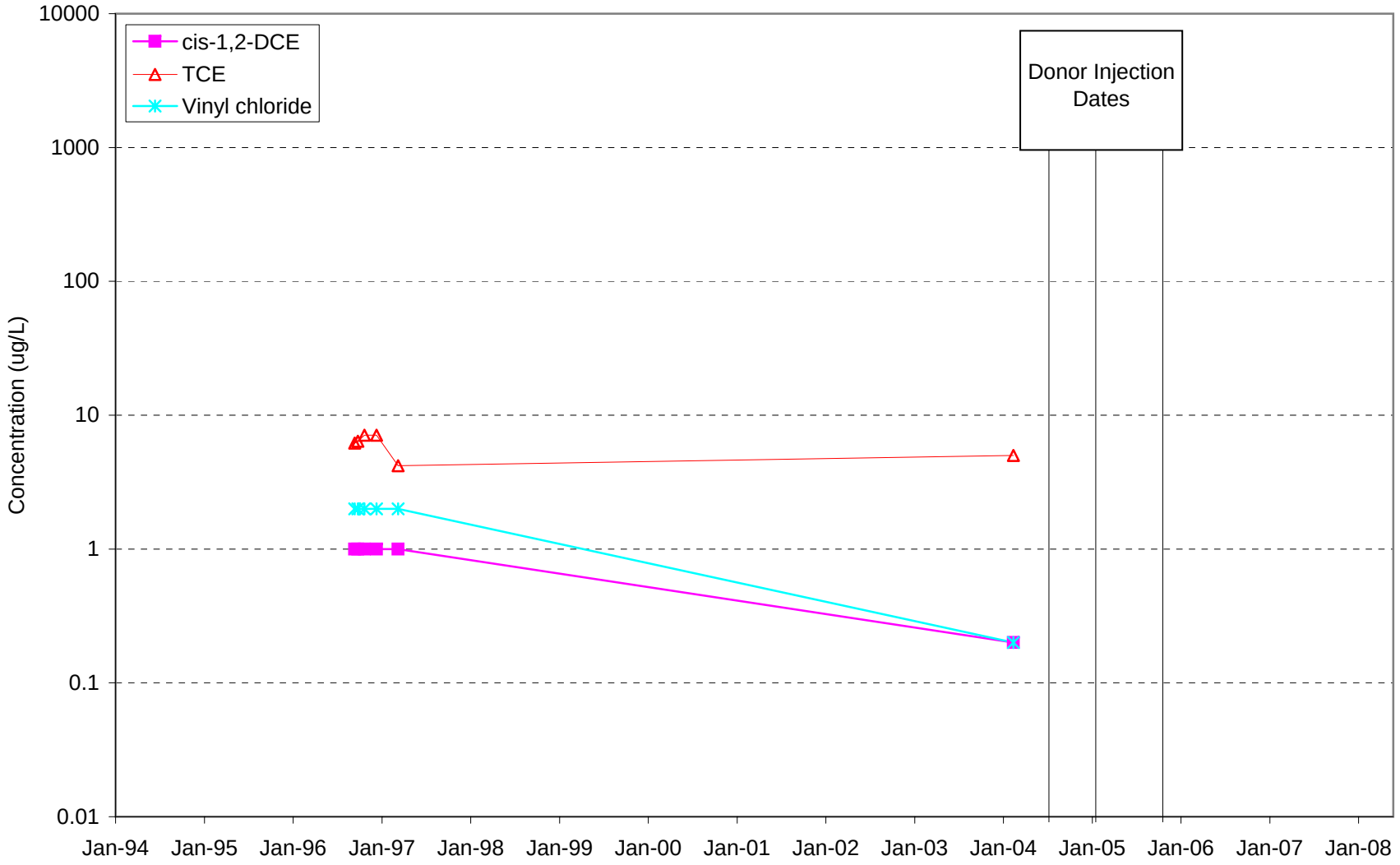
AGW052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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
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Jan-94
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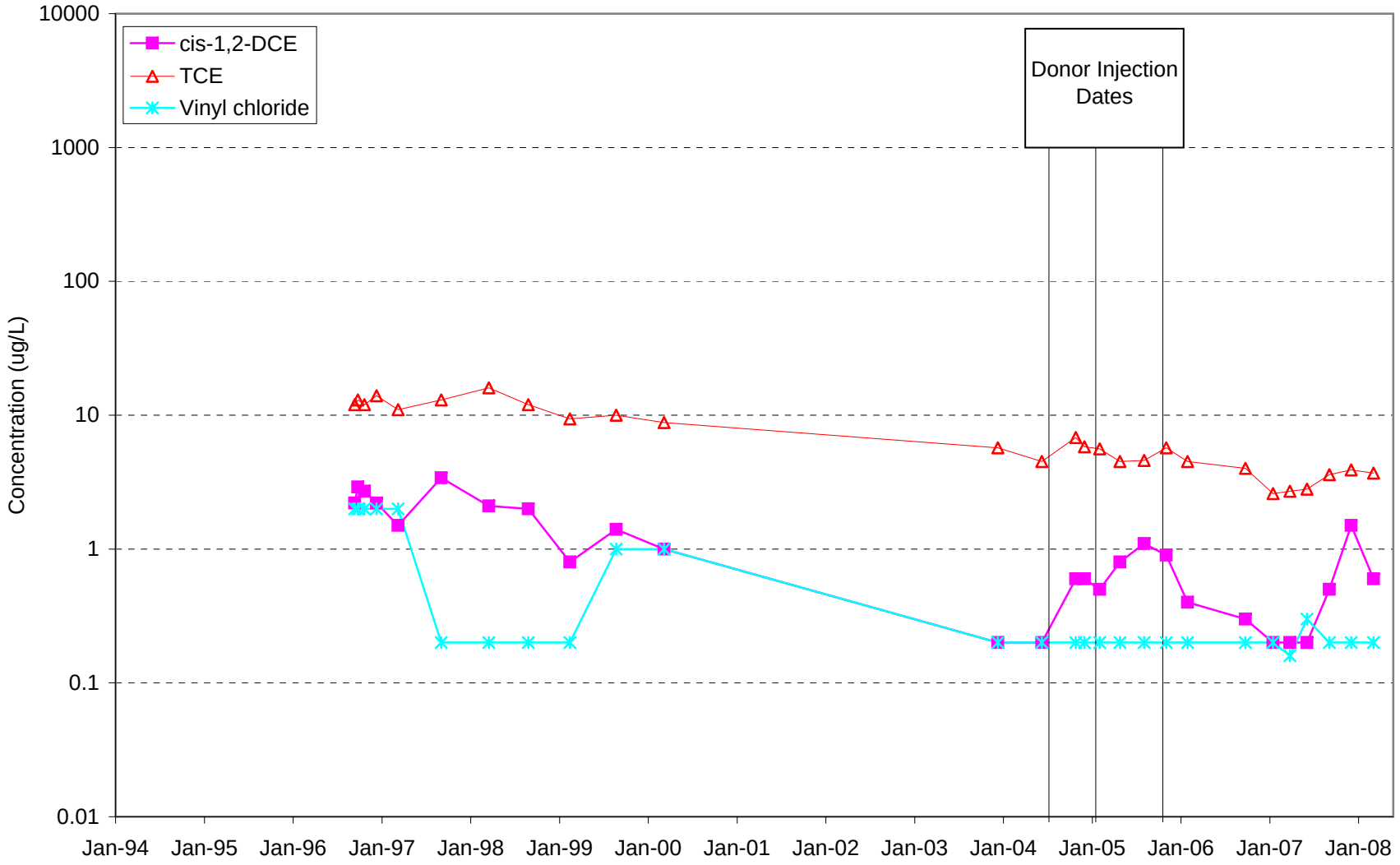
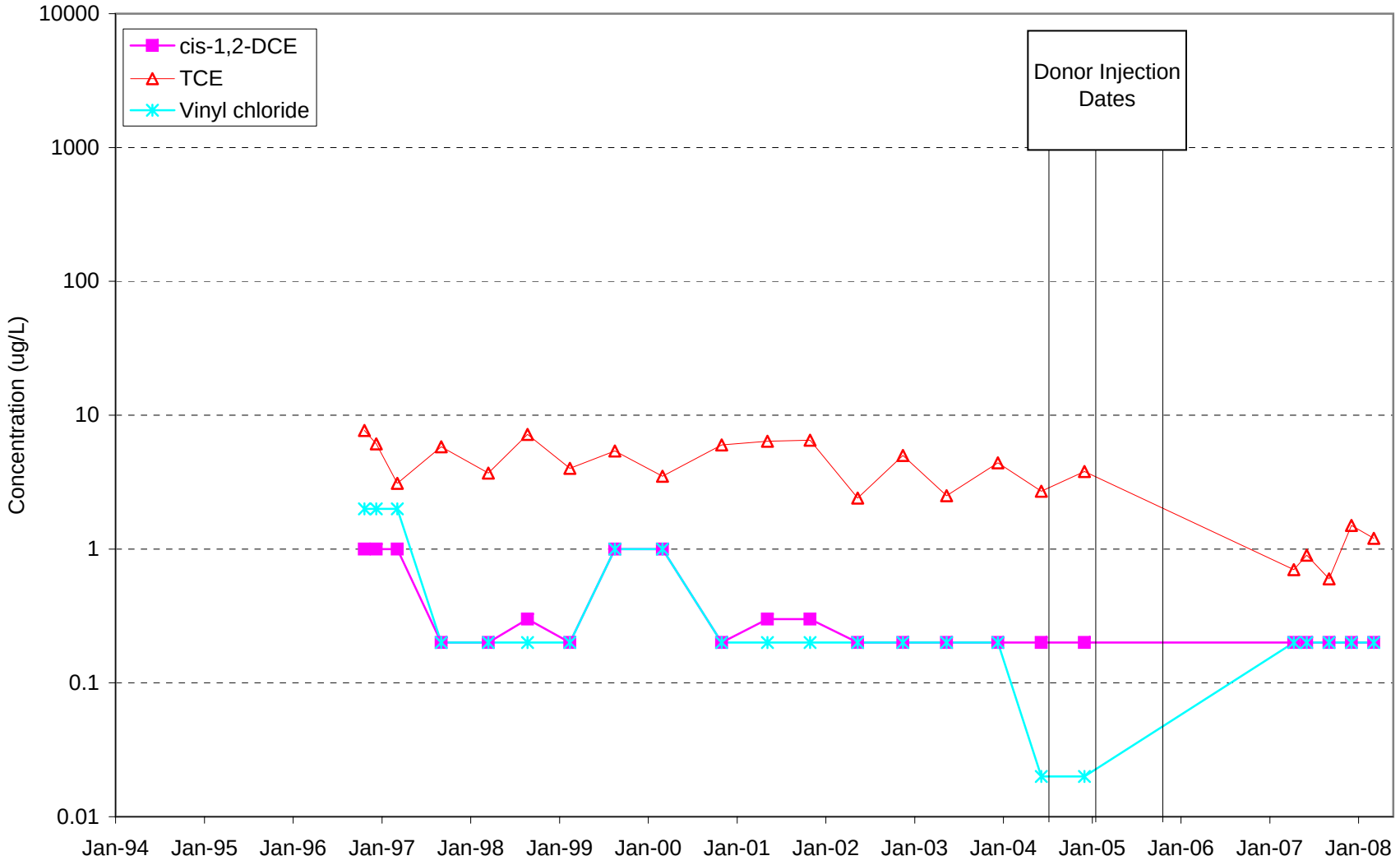
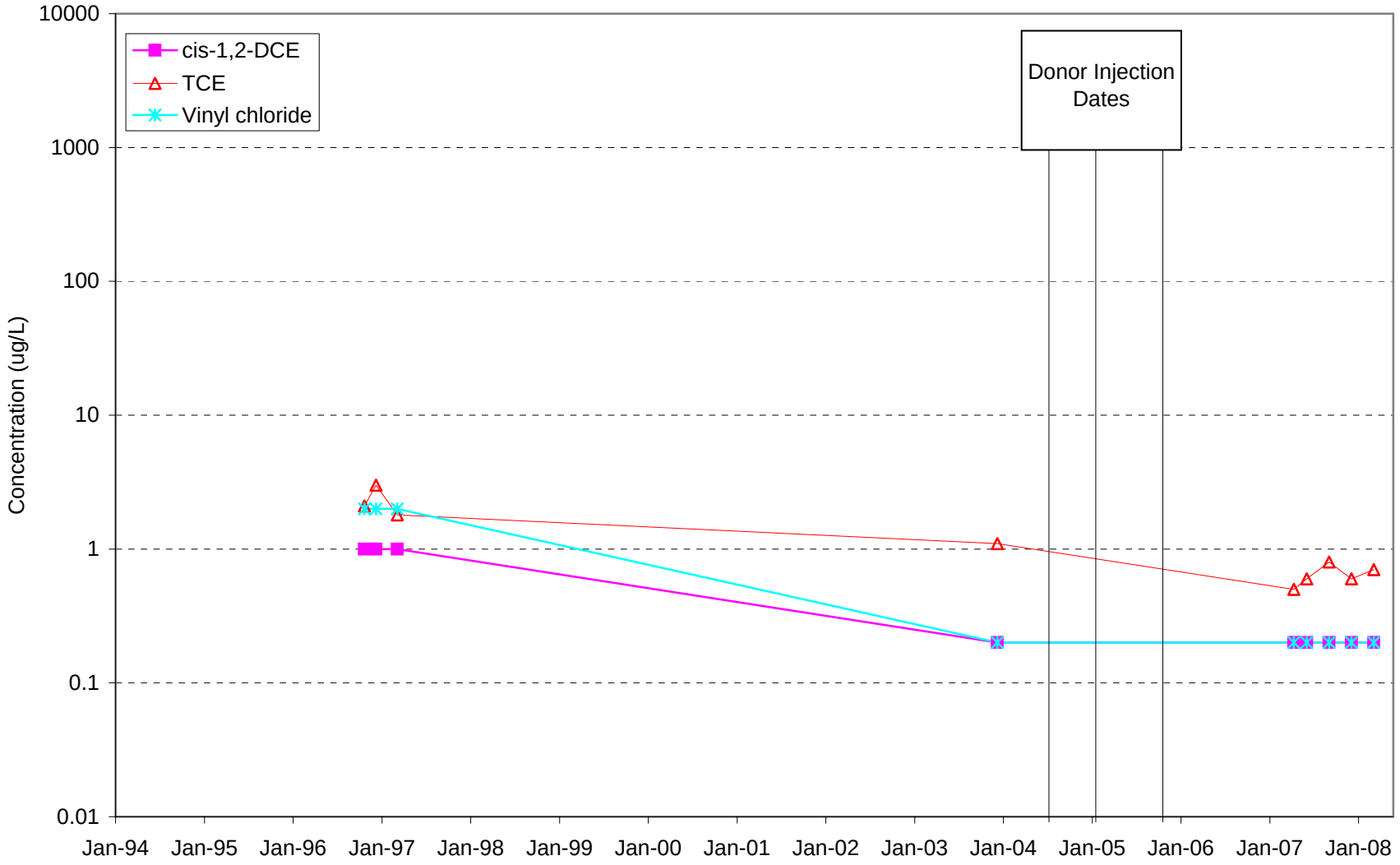
AGW053/AGW053R



AGW058/AGW058R



AGW059/AGW059R



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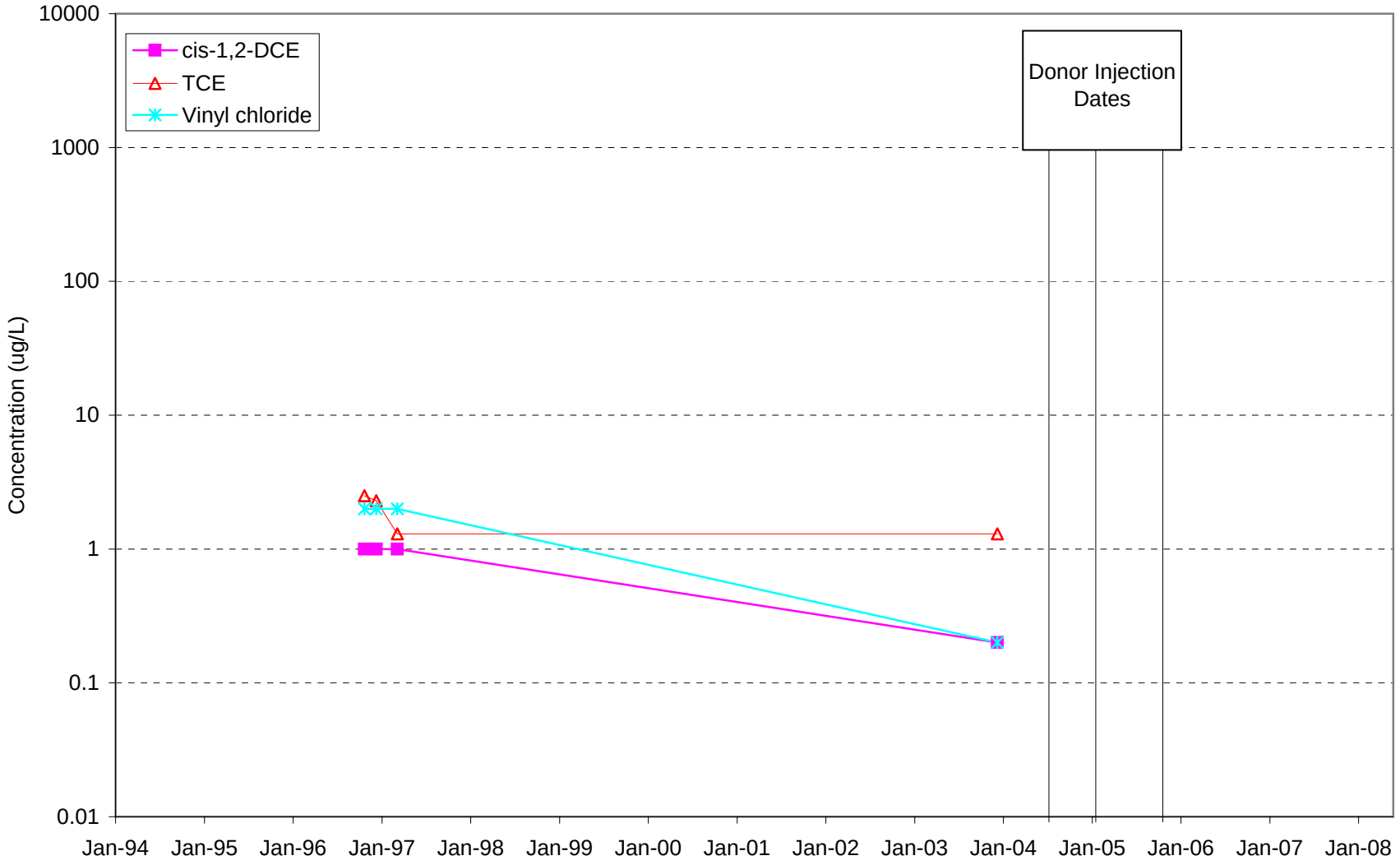
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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
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0.1
0.01
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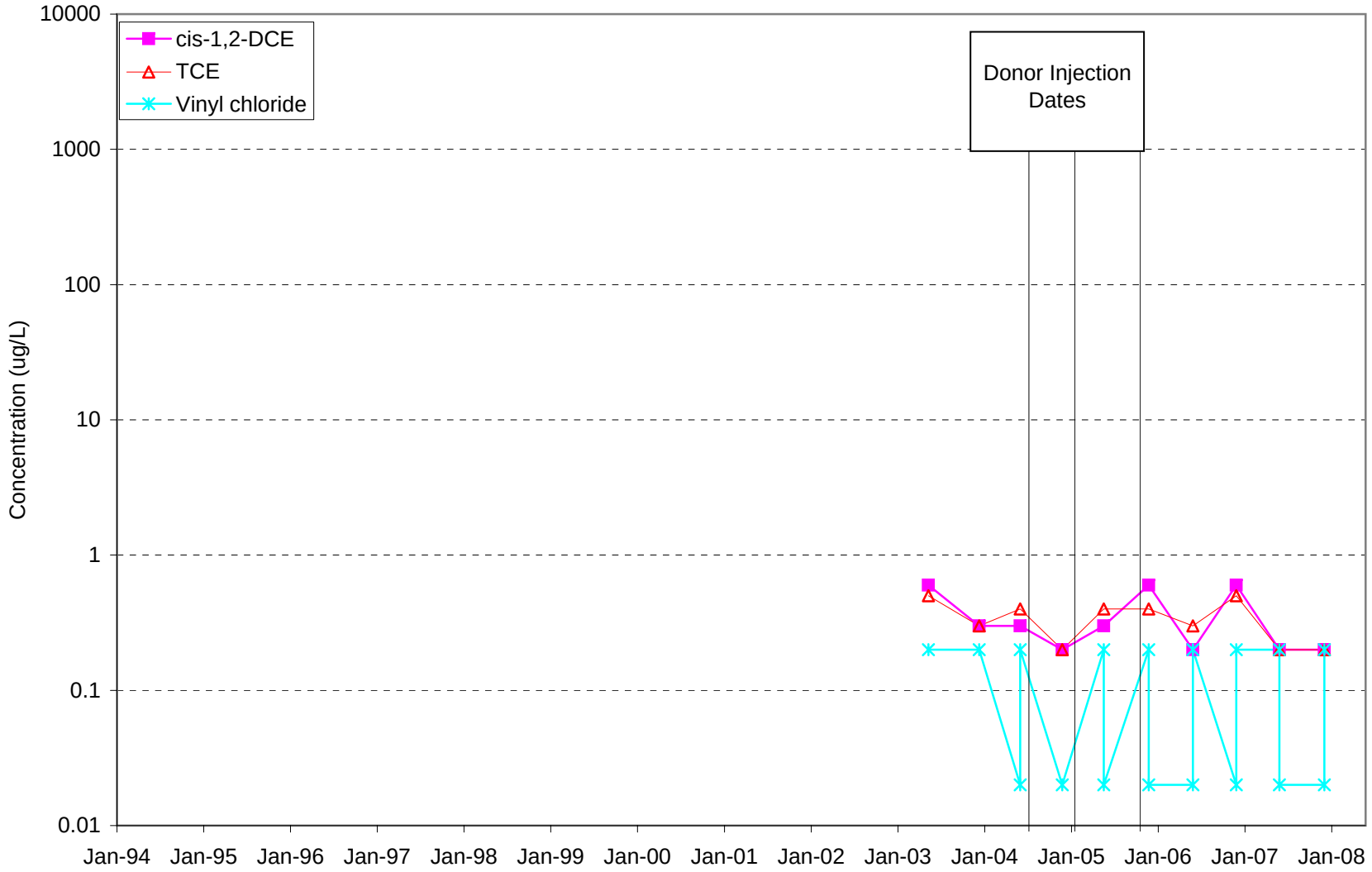
AGW064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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
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0.1
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Jan-94
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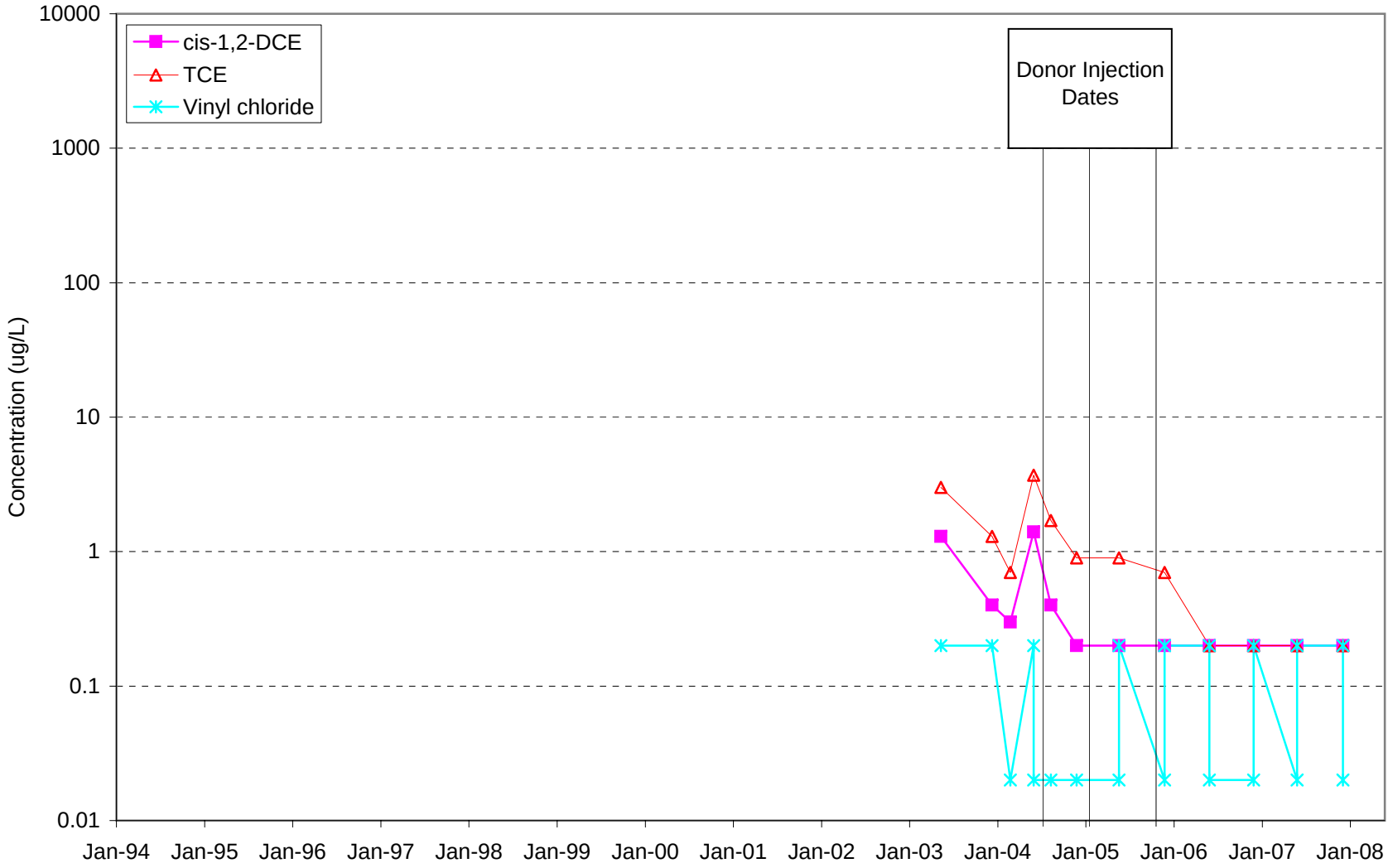
AGW065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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
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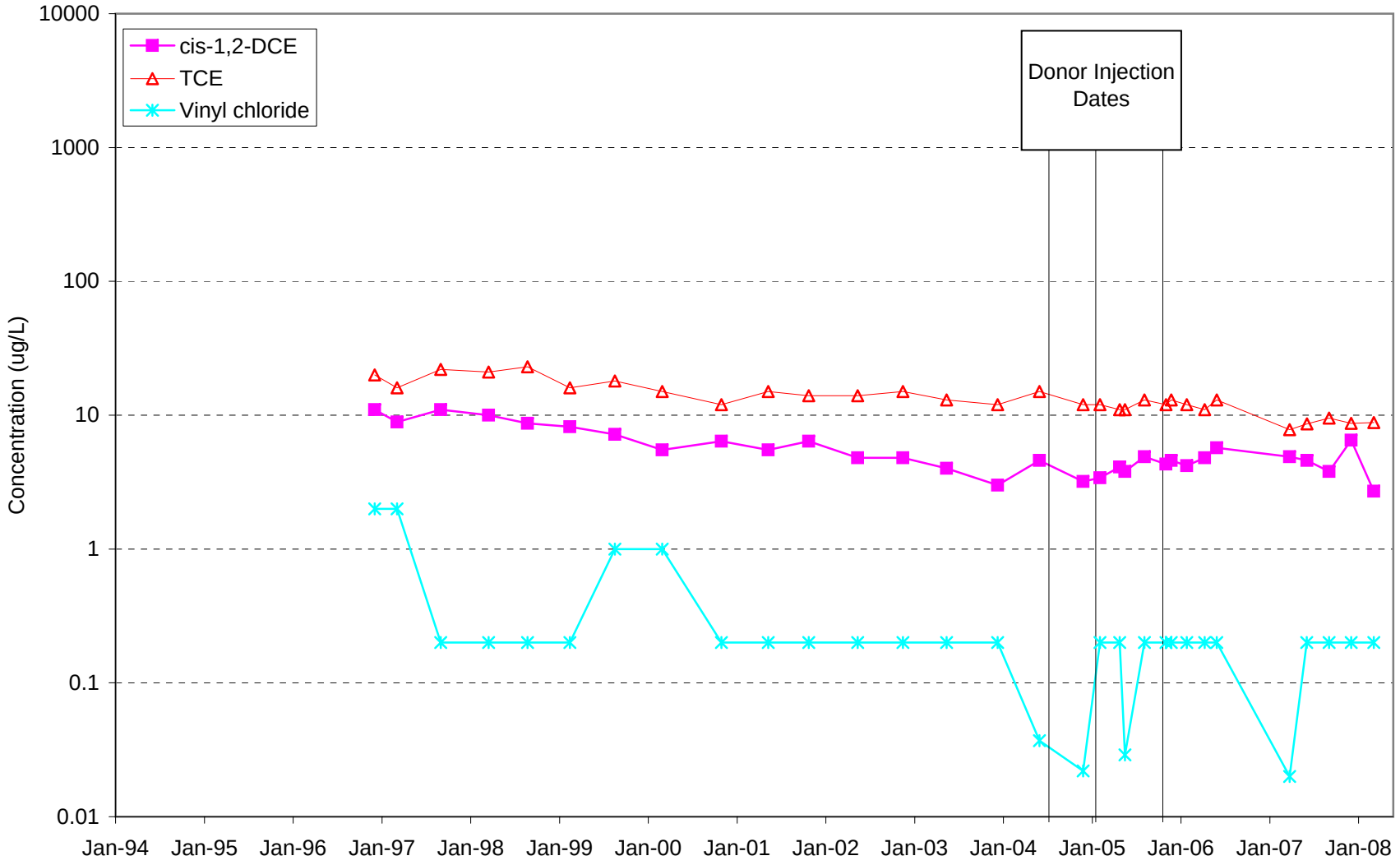
AGW066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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
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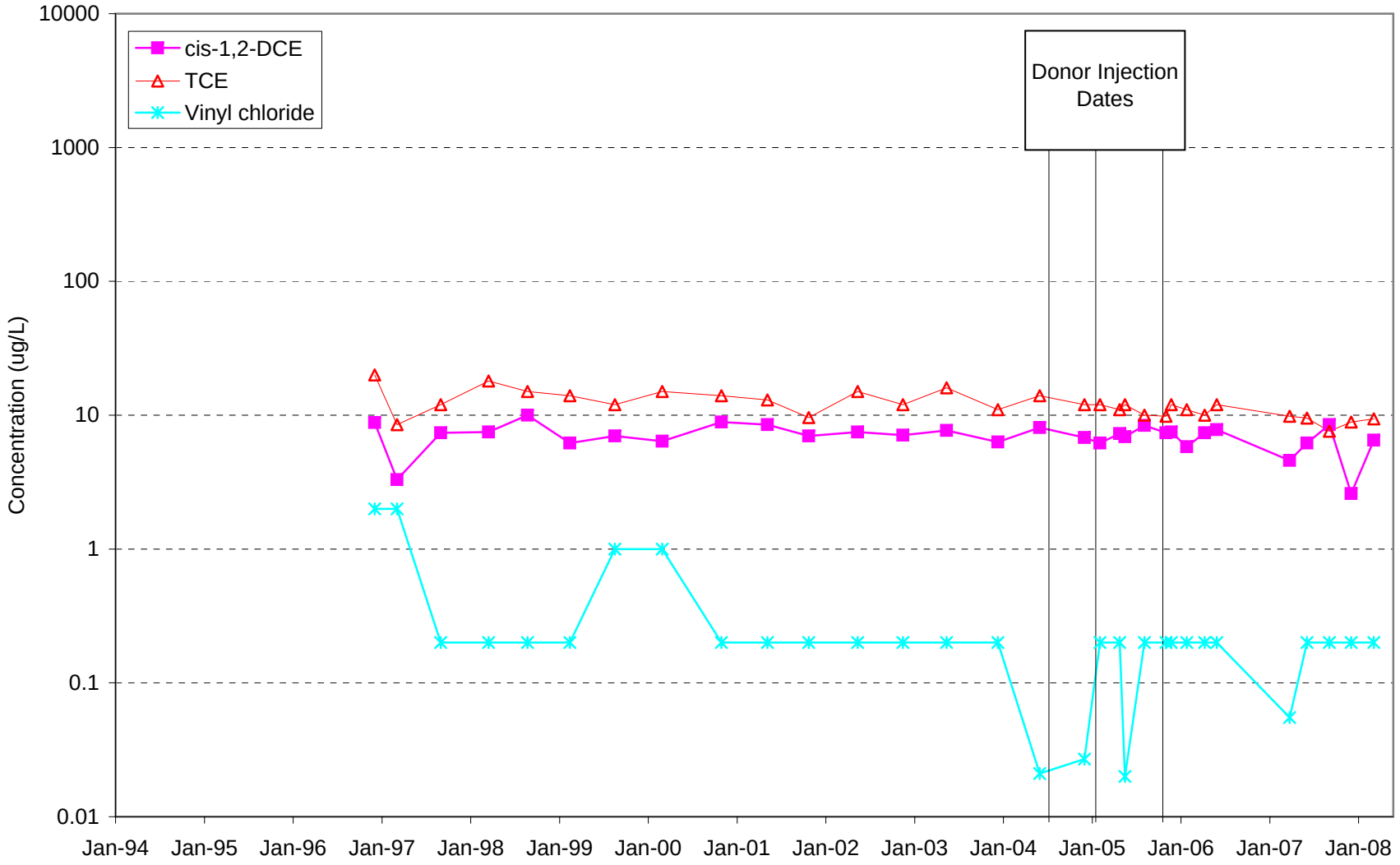
AGW067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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
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0.1
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Jan-94
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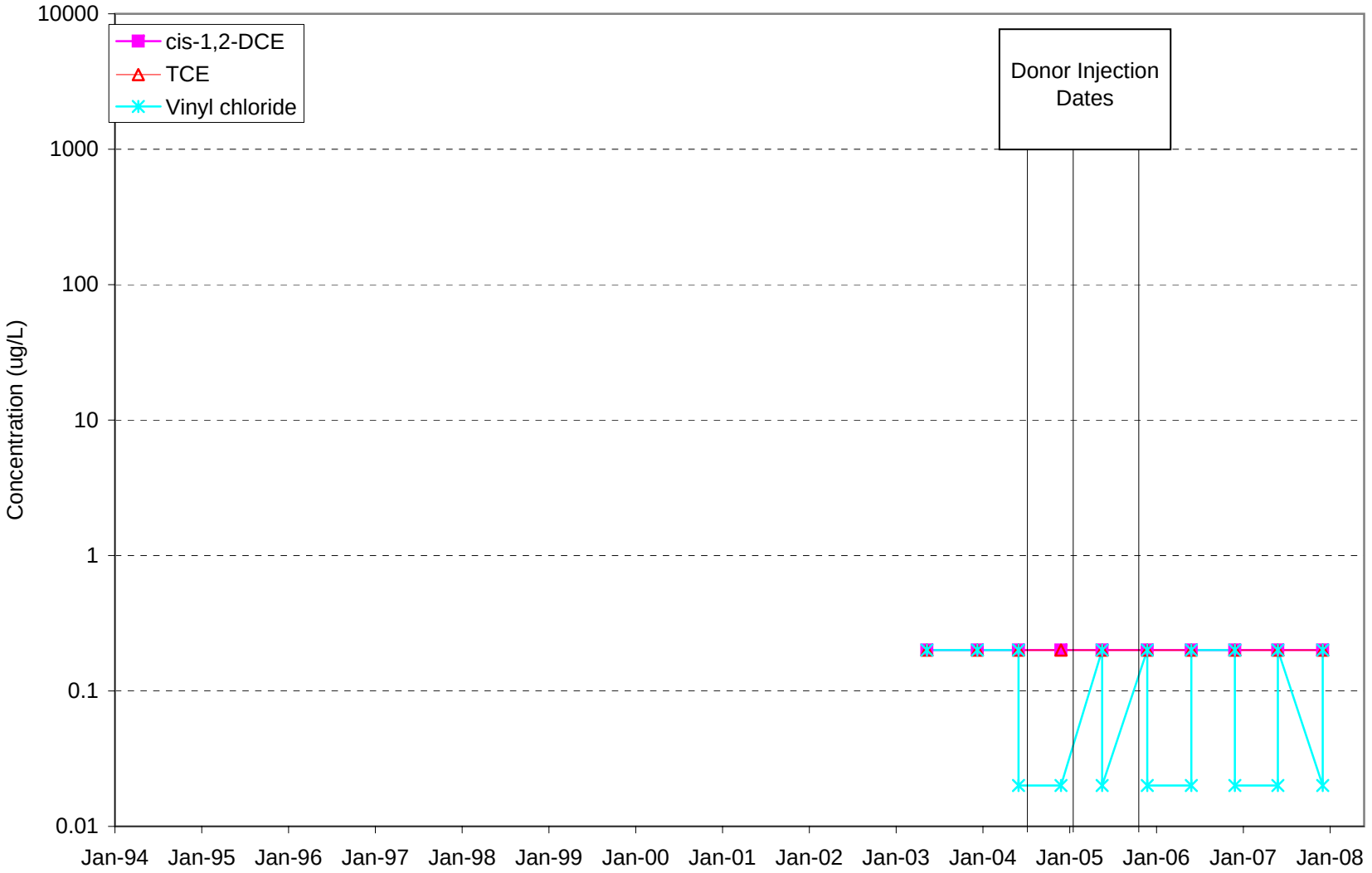
AGW068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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
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1
0.1
0.01
Jan-94
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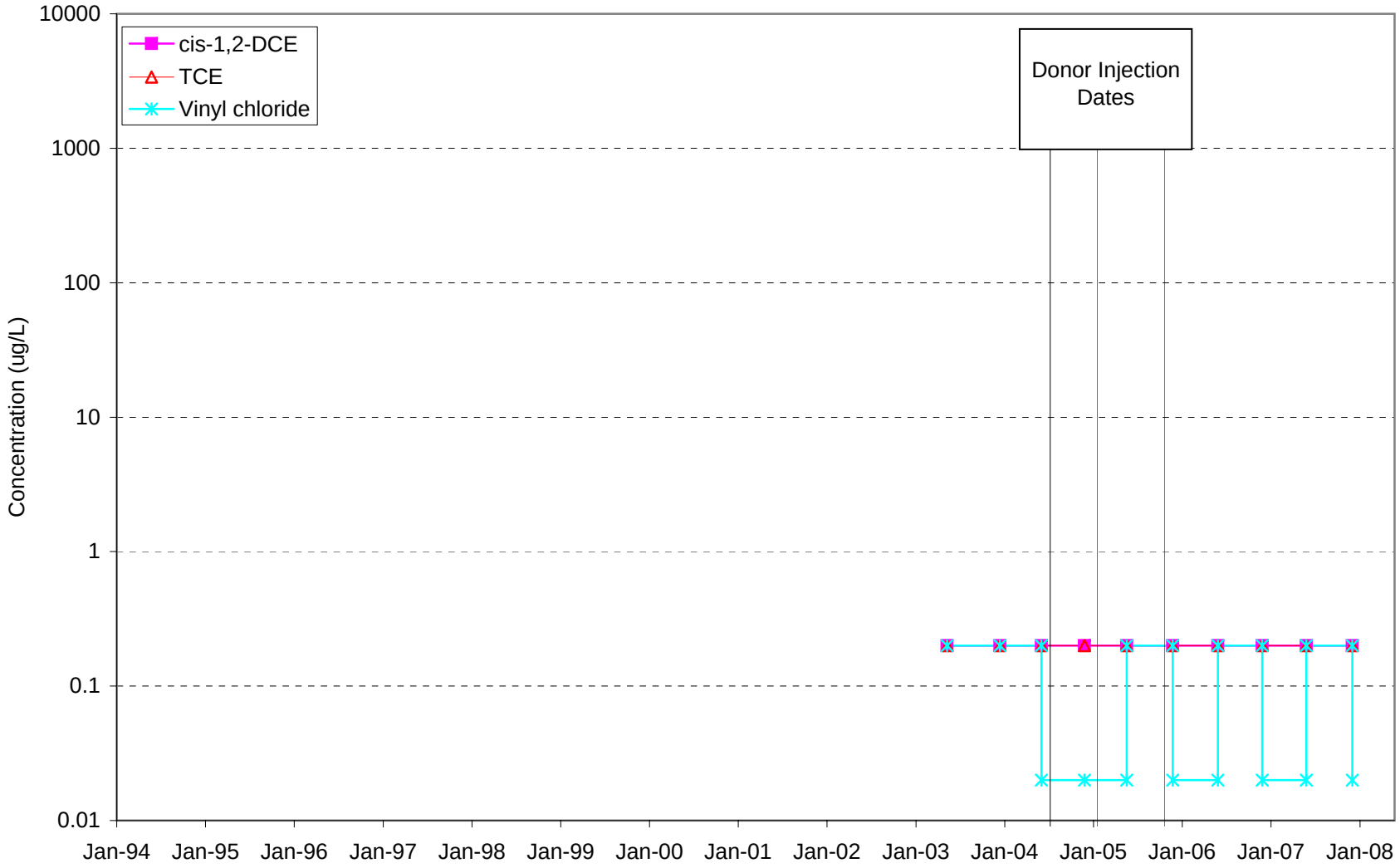
AGW069


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
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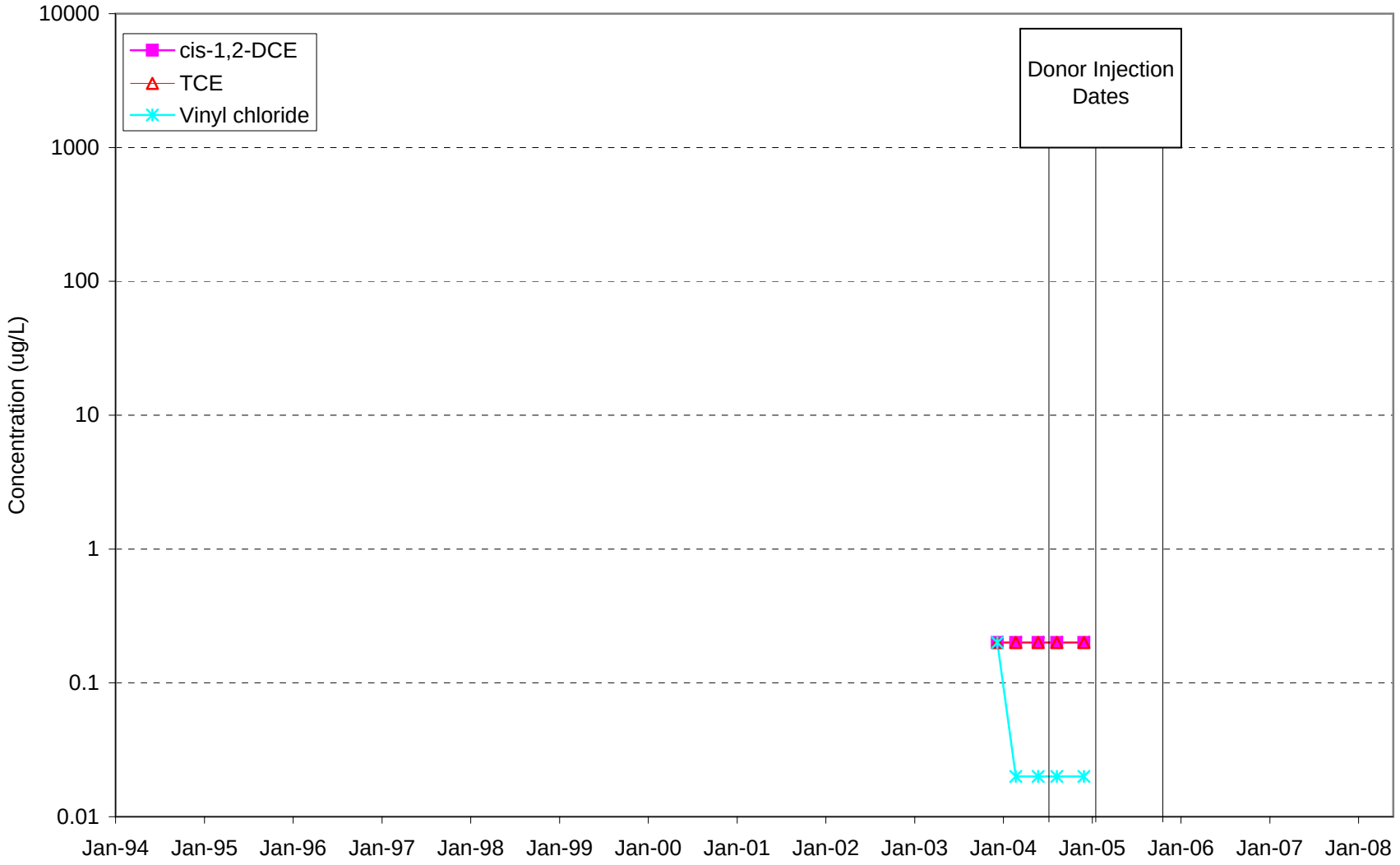
AGW096


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
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Jan-94
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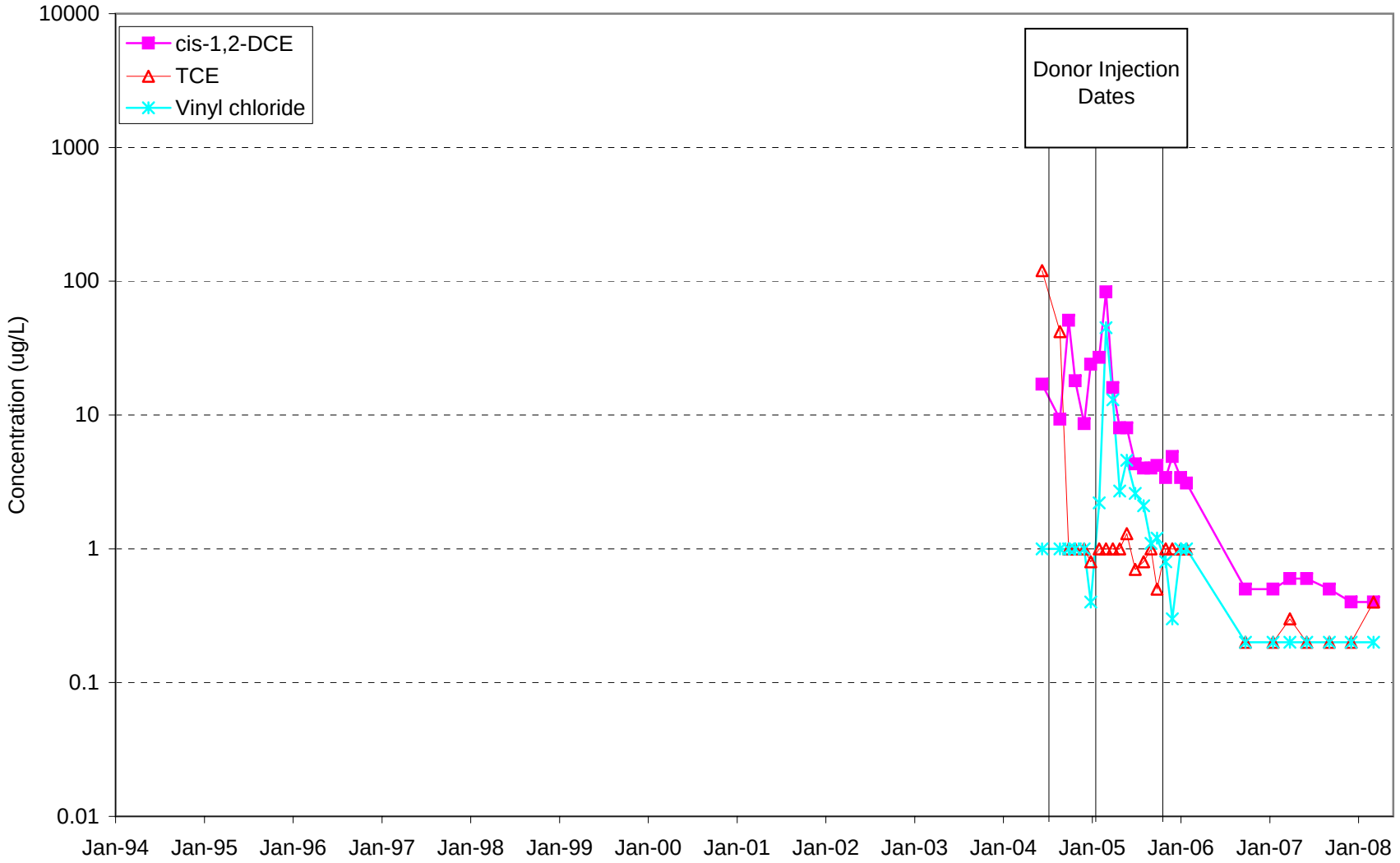
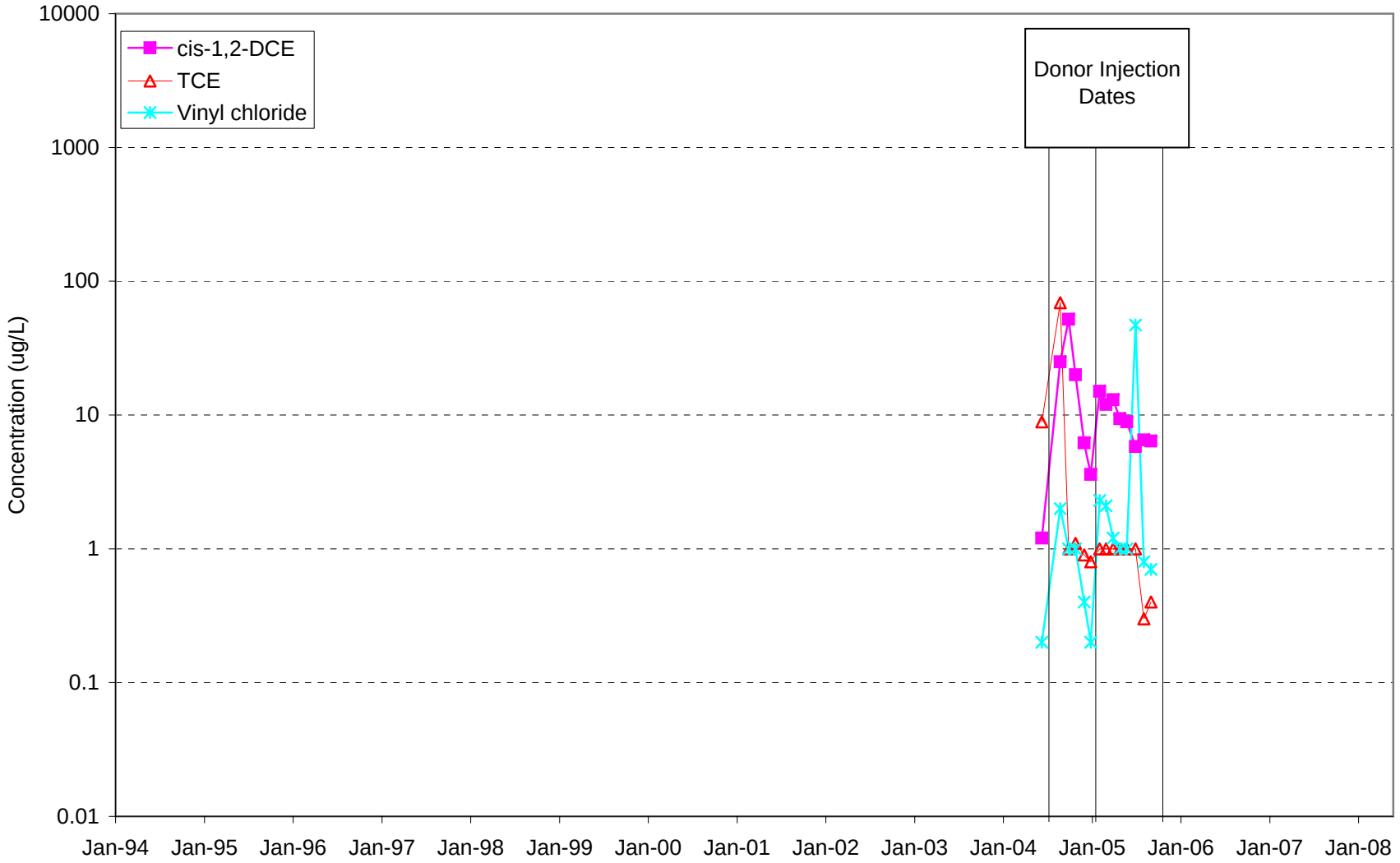
Jan-08

AGW106/AGW106R



AGW107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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
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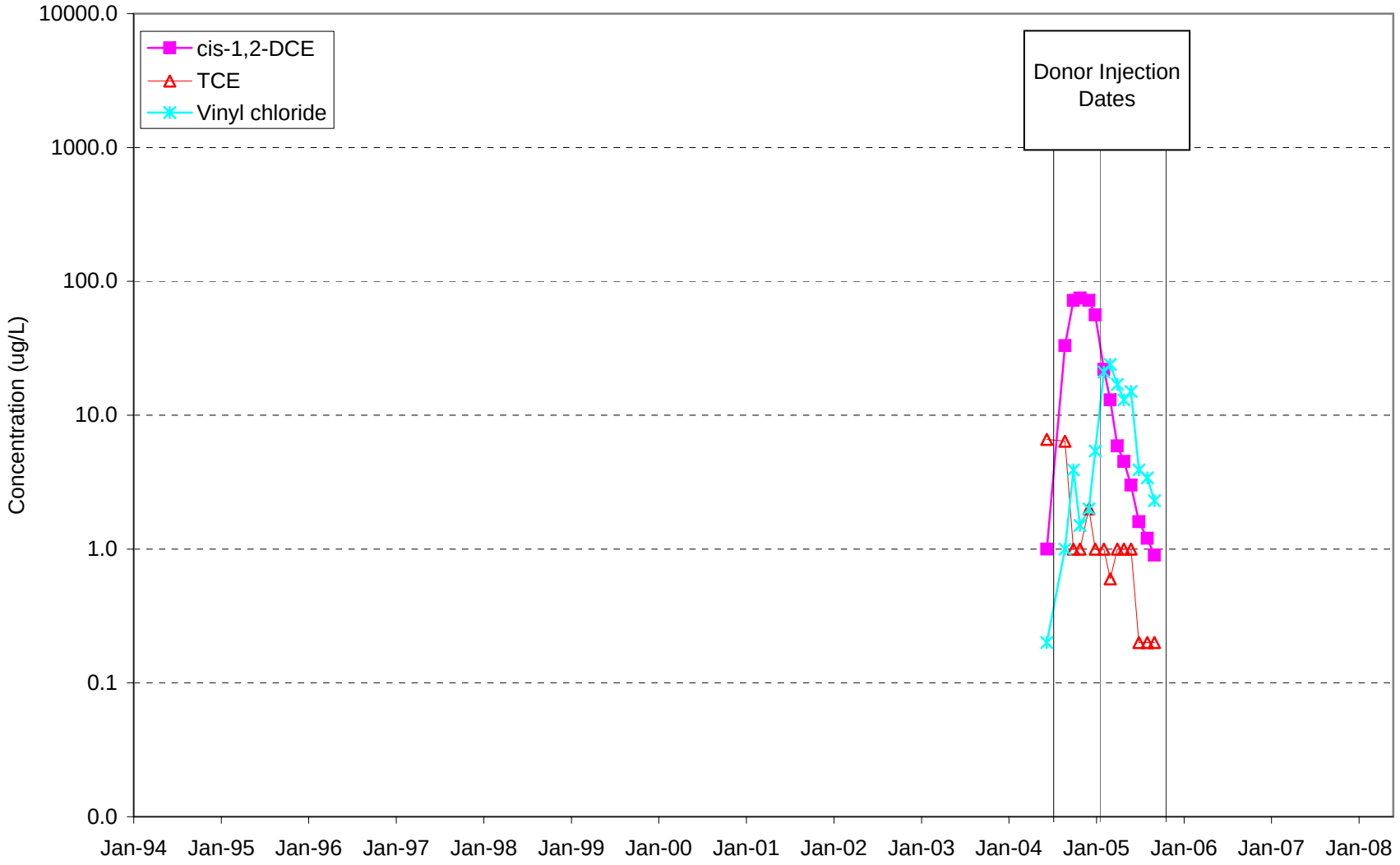
Jan-07
Jan-08

AGW108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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000.0
1000.0
100.0
10.0
1.0
0.1
0.0
Jan-94
Jan-95
Jan-96
Jan-97
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Jan-04
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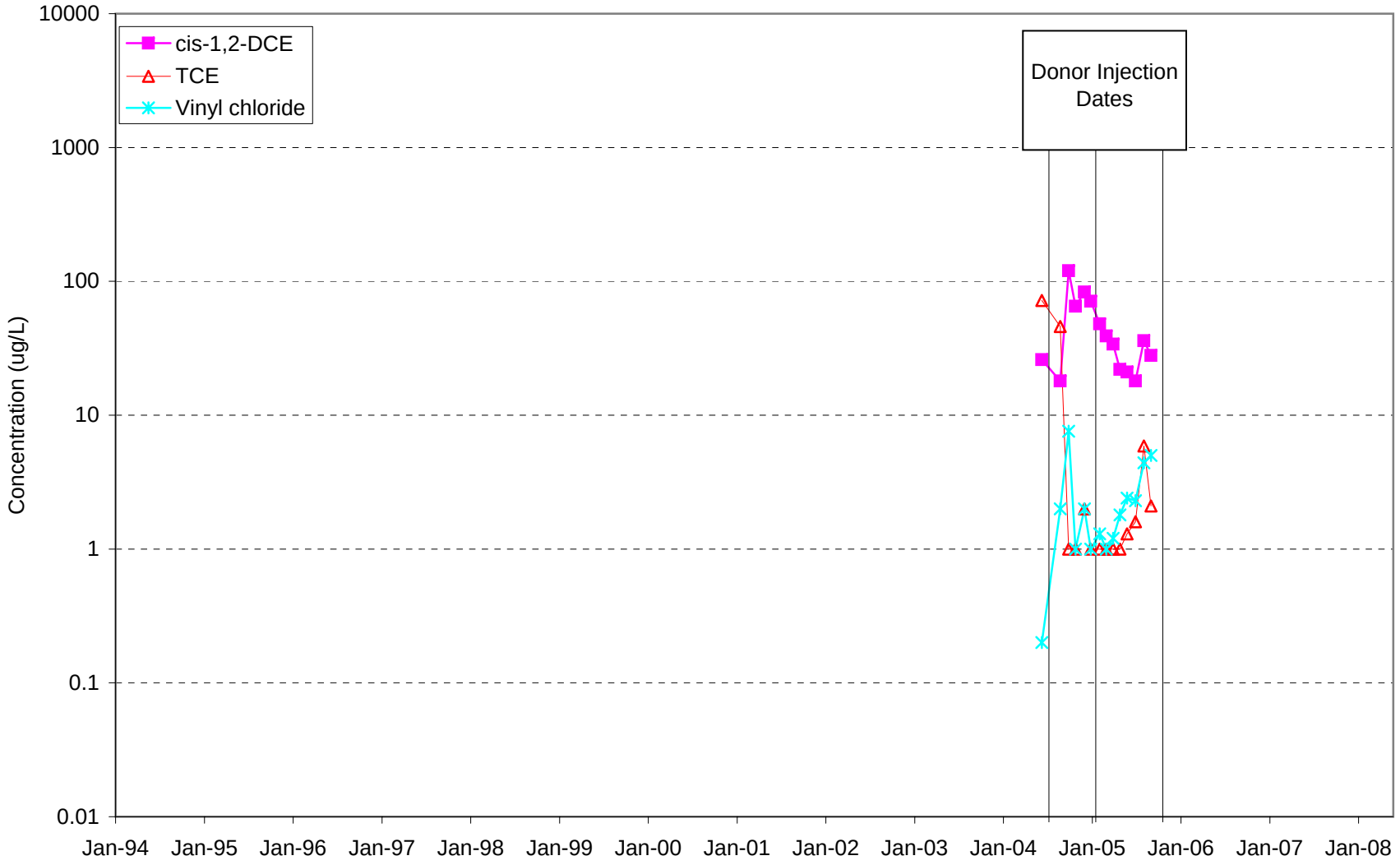
Jan-07
Jan-08

AGW109


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
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Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
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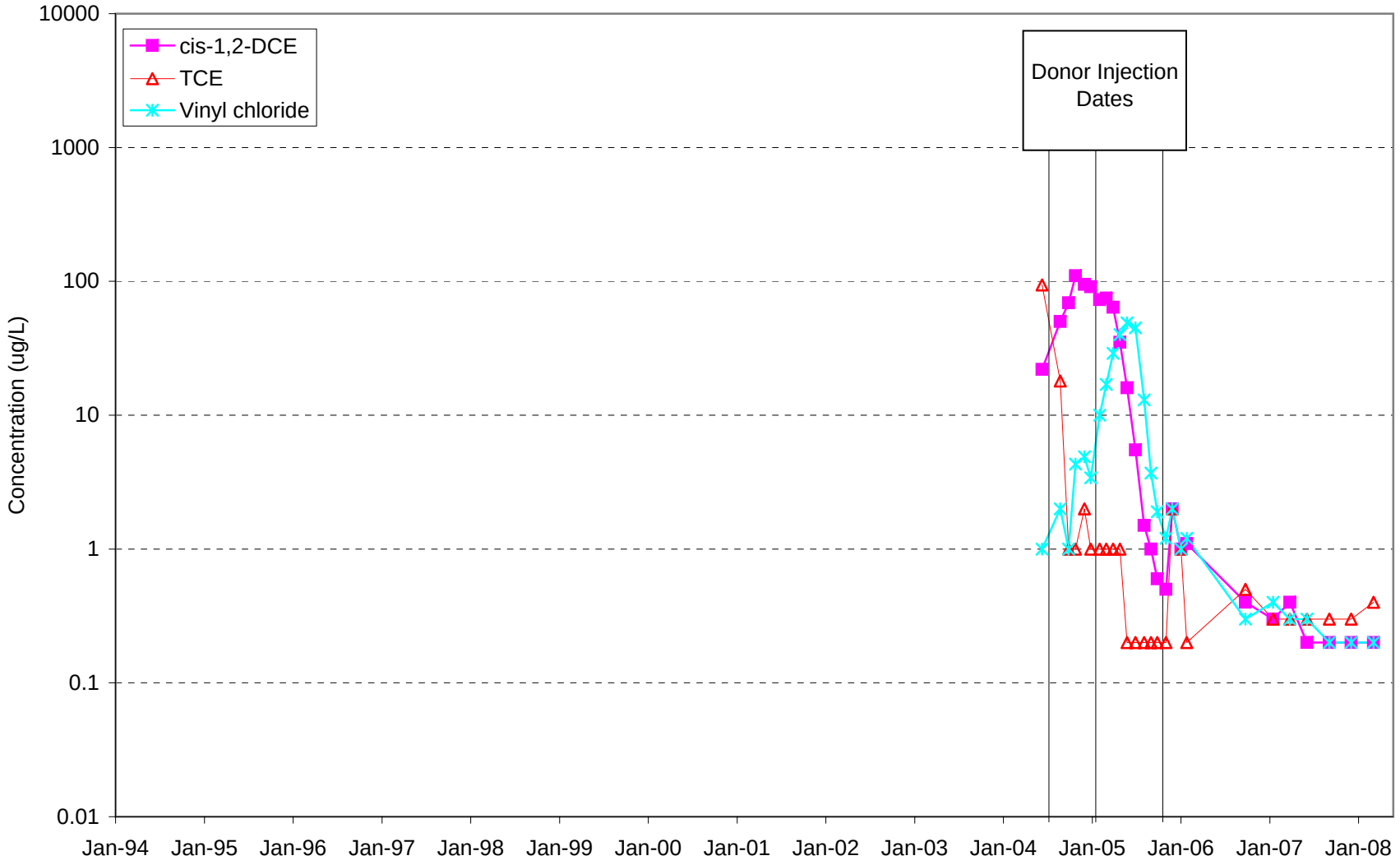
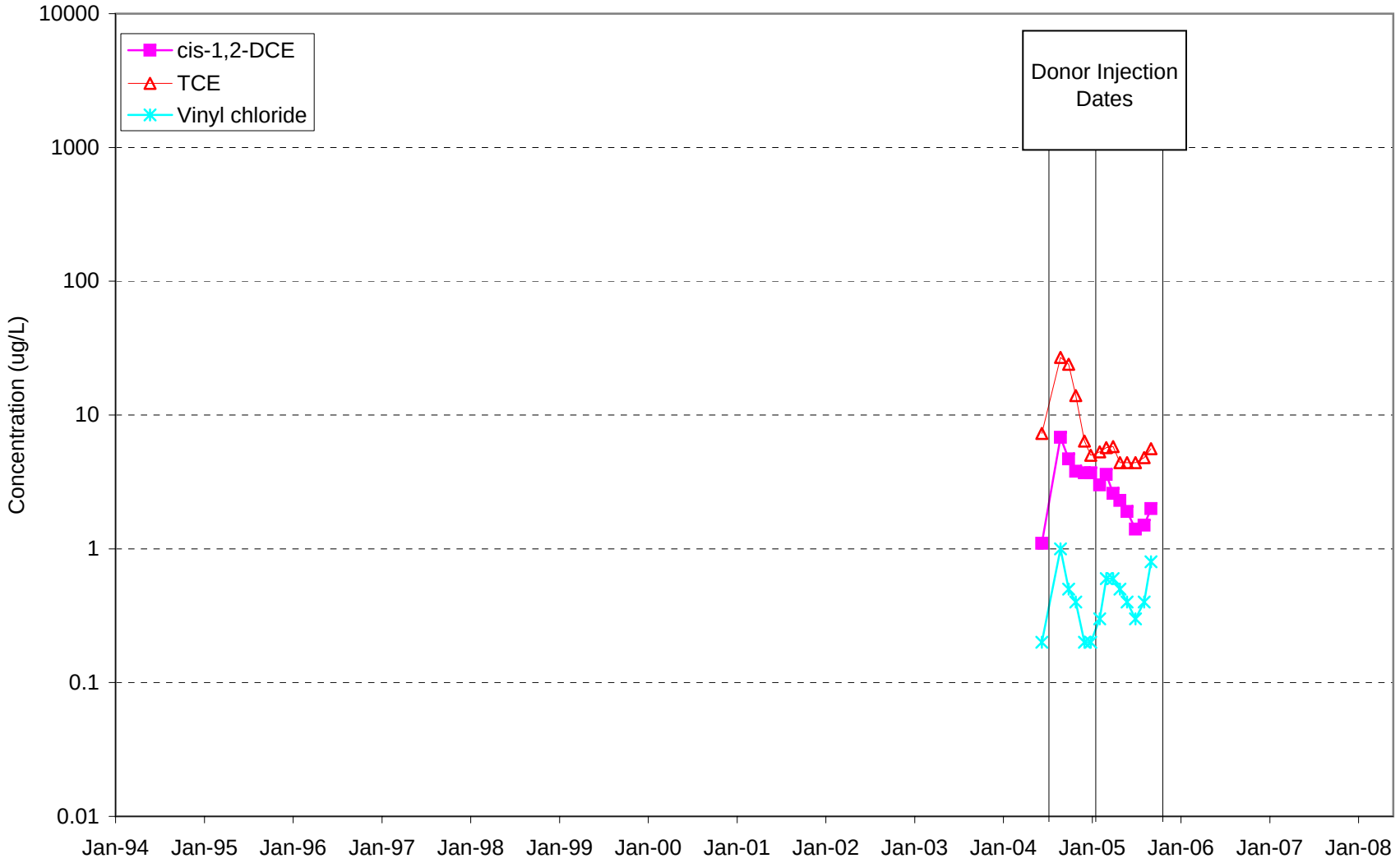
Jan-08

AGW110/AGW110R



AGW111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TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
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Jan-97
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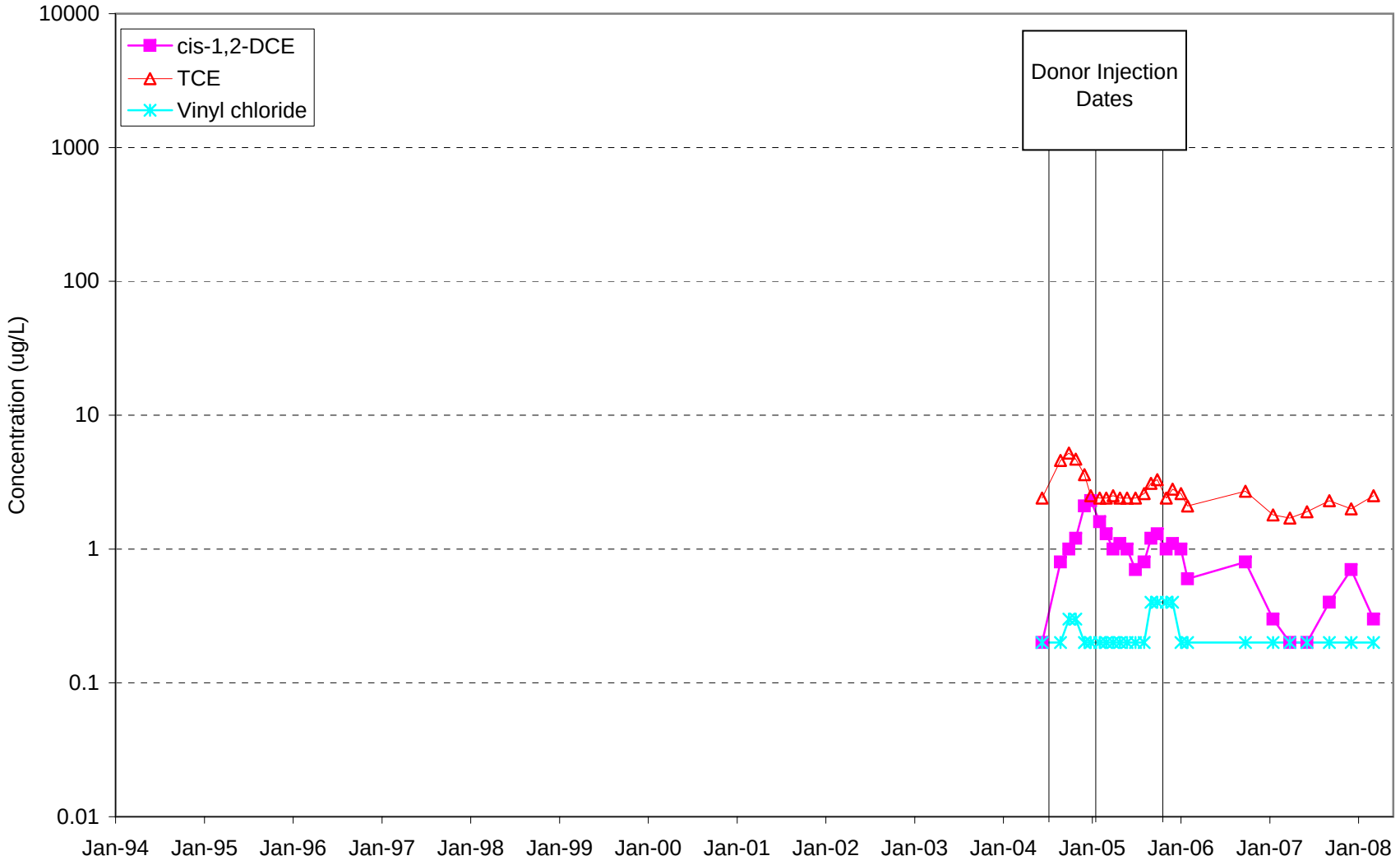
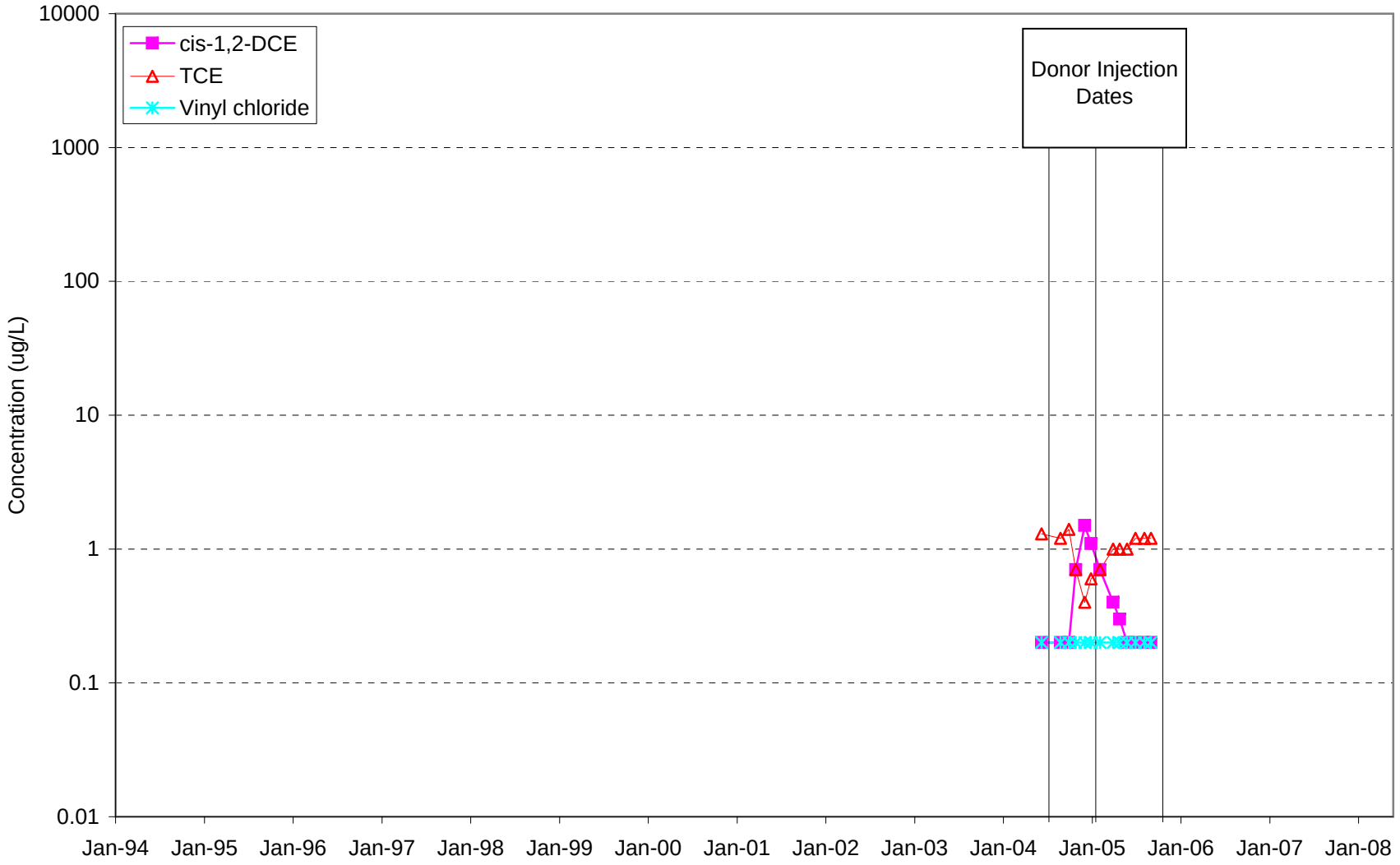
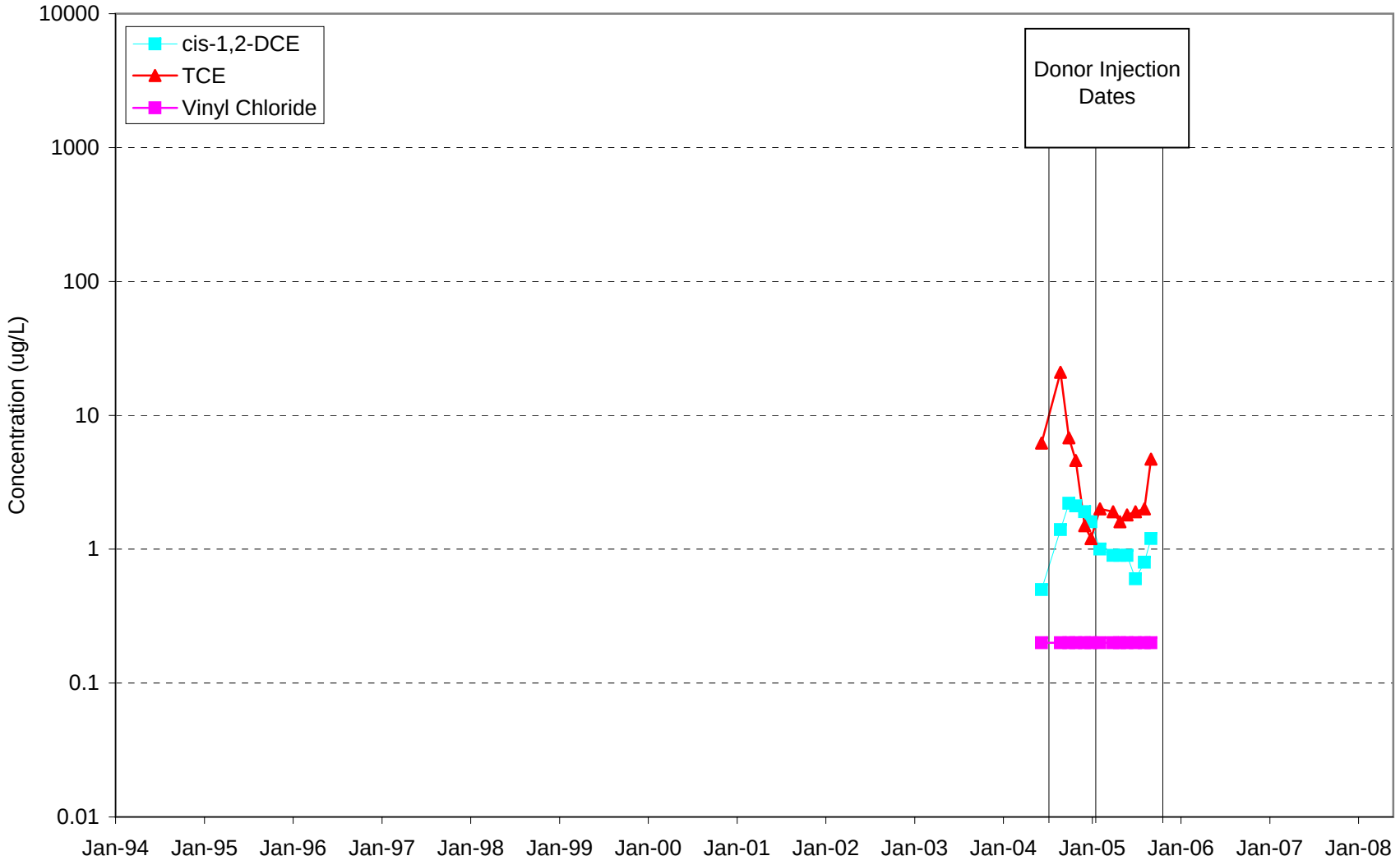
AGW112/AGW112R



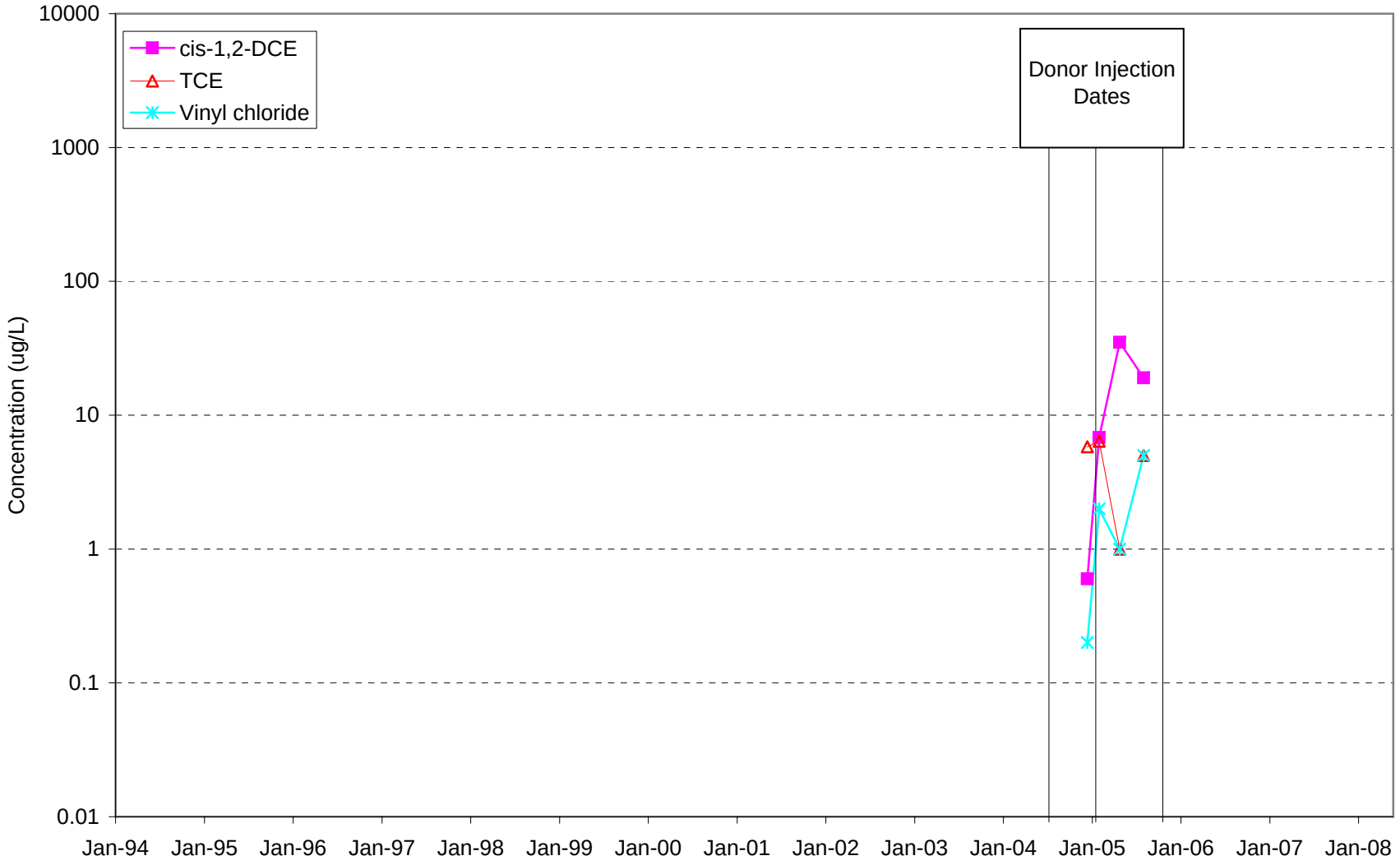
AGW113


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

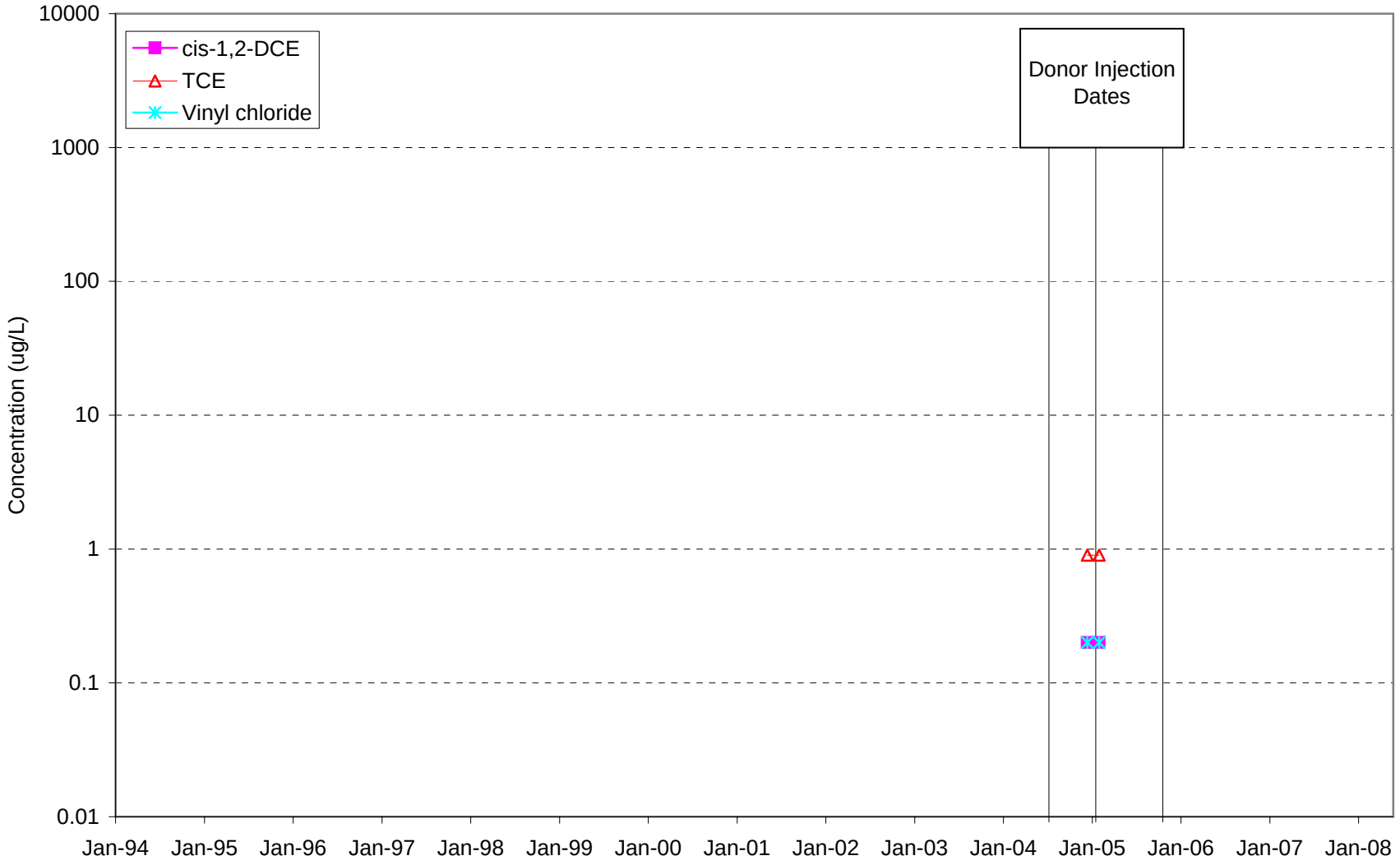
AGW114


cis-1,2-DCE
TCE
Vinyl Chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

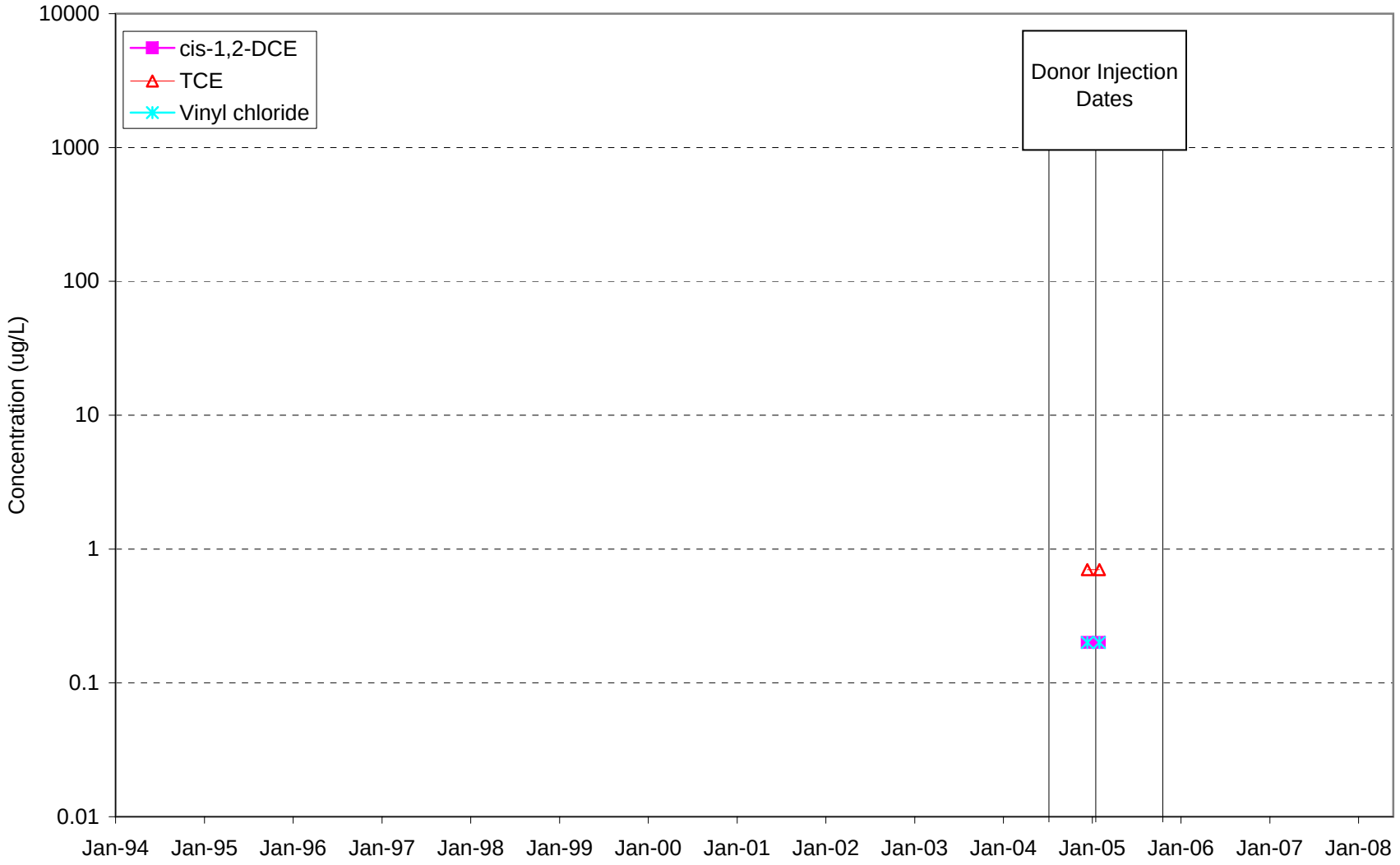
AGW122


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

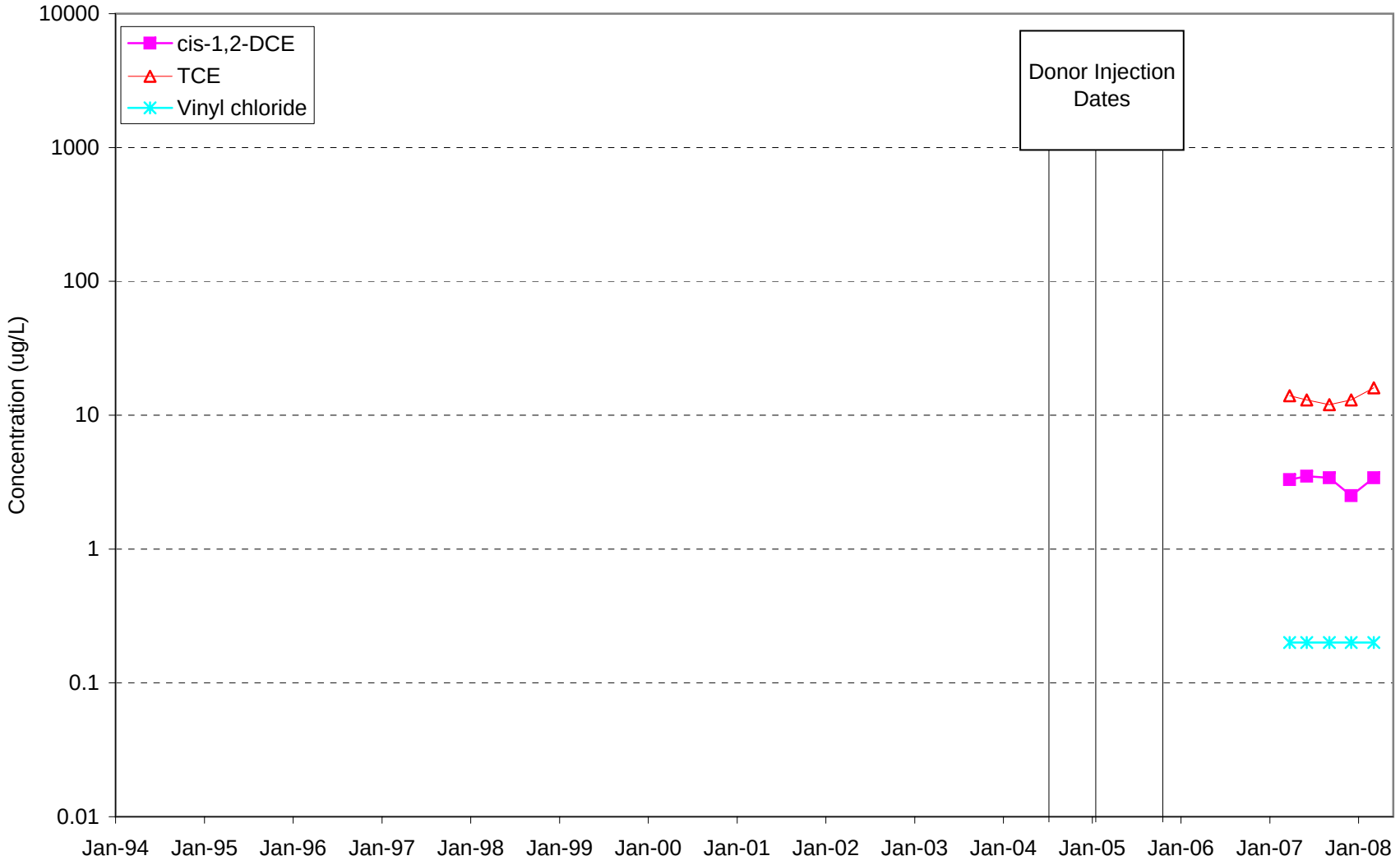
AGW123


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

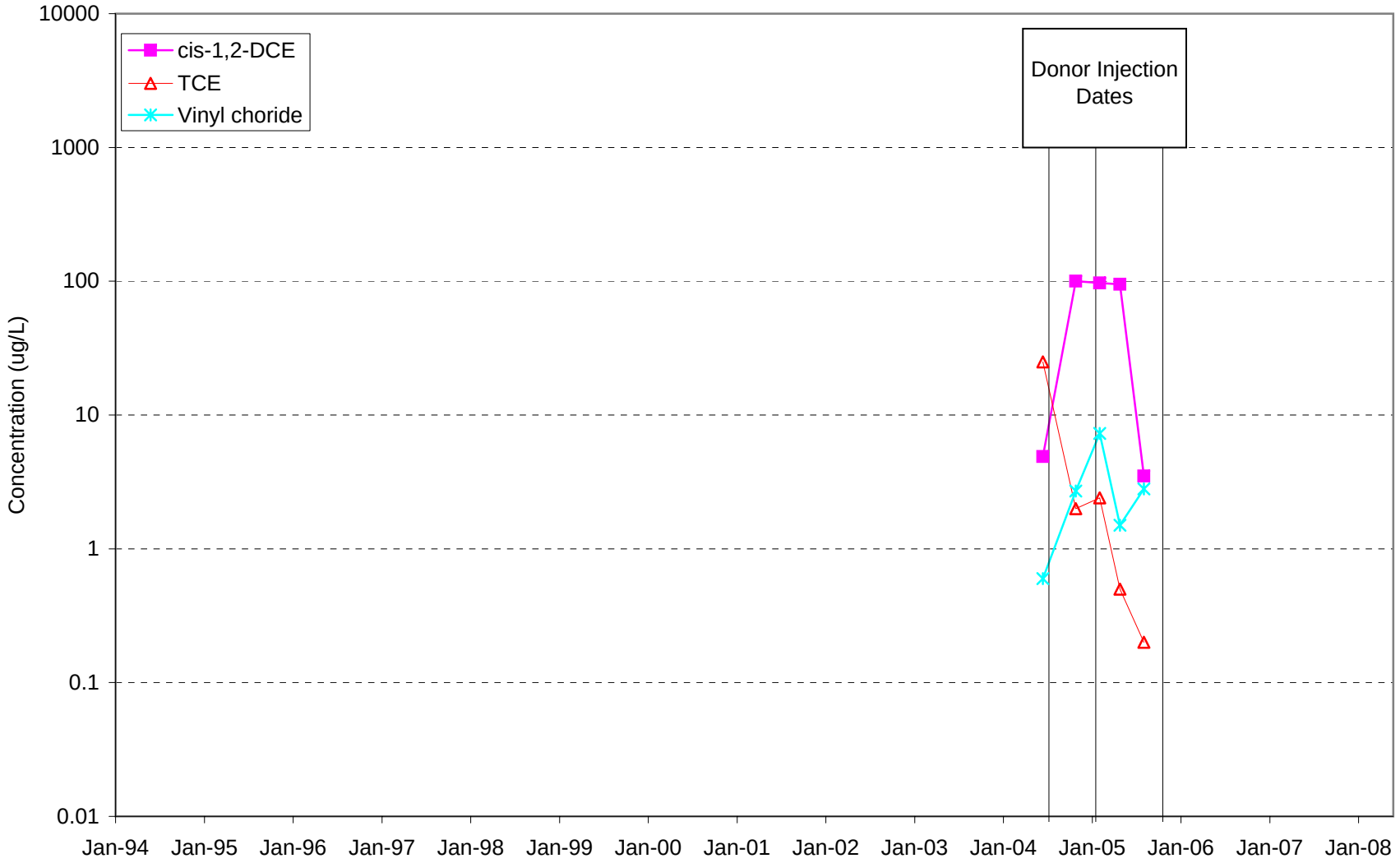
AGW124


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

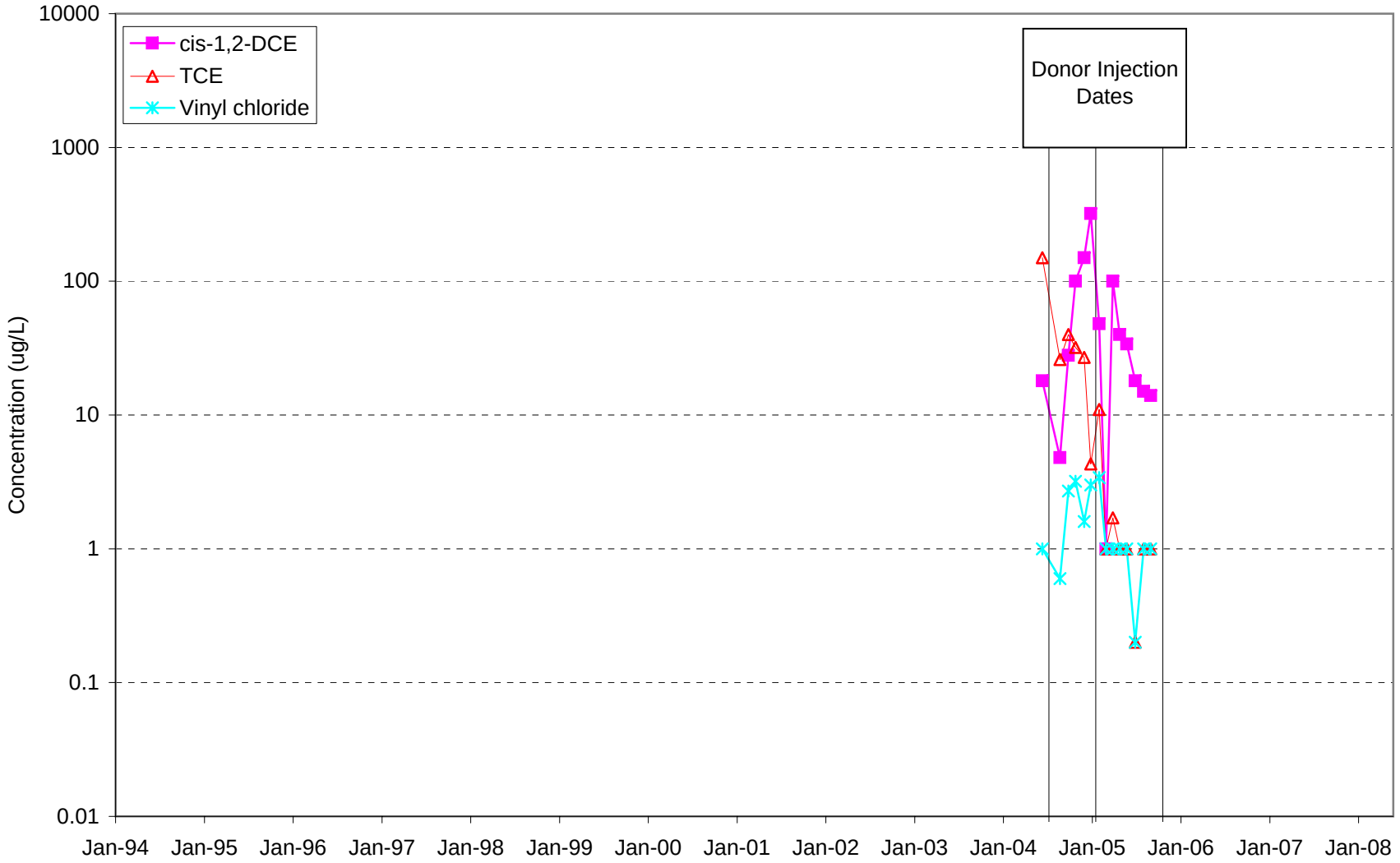
AGW125


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

IW31(S)


cis-1,2-DCE
TCE
Vinyl choride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

IW5(S)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

APPENDIX D

Intermediate Well VOC Results

INTERMEDIATE WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW003(I)				
AGW003(I)	12/15/1994	cis-1,2-Dichloroethene	1.9	
AGW003(I)	12/12/1995	cis-1,2-Dichloroethene	1	U
AGW003(I)	03/21/1996	cis-1,2-Dichloroethene	1	U
AGW003(I)	06/21/1996	cis-1,2-Dichloroethene	1	U
AGW003(I)	10/03/1996	cis-1,2-Dichloroethene	1	U
AGW003(I)	12/17/1996	cis-1,2-Dichloroethene	1	U
AGW003(I)	03/18/1997	cis-1,2-Dichloroethene	1	U
AGW003(I)	09/11/1997	cis-1,2-Dichloroethene	0.2	U
AGW003(I)	03/25/1998	cis-1,2-Dichloroethene	0.2	U
AGW003(I)	09/04/1998	cis-1,2-Dichloroethene	2.2	
AGW003(I)	02/18/1999	cis-1,2-Dichloroethene	0.2	U
AGW003(I)	08/31/1999	cis-1,2-Dichloroethene	1	U
AGW003(I)	03/15/2000	cis-1,2-Dichloroethene	1	U
AGW003(I)	11/09/2000	cis-1,2-Dichloroethene	0.2	U
AGW003(I)	05/22/2001	cis-1,2-Dichloroethene	0.2	U
AGW003(I)	11/06/2001	cis-1,2-Dichloroethene	0.2	U
AGW003(I)	05/21/2002	cis-1,2-Dichloroethene	0.2	U
AGW003(I)	11/23/2002	cis-1,2-Dichloroethene	0.6	U
AGW003(I)	05/23/2003	cis-1,2-Dichloroethene	0.6	U
AGW003(I)	12/19/2003	cis-1,2-Dichloroethene	0.2	U
AGW003(I)	06/14/2004	cis-1,2-Dichloroethene	0.2	U
AGW003(I)	06/16/2004	cis-1,2-Dichloroethene	0.2	U
AGW003(I)	08/30/2004	cis-1,2-Dichloroethene	0.6	U
AGW003(I)	10/04/2004	cis-1,2-Dichloroethene	1.1	
AGW003(I)	11/01/2004	cis-1,2-Dichloroethene	1.6	
AGW003(I)	12/08/2004	cis-1,2-Dichloroethene	2.0	
AGW003(I)	12/09/2004	cis-1,2-Dichloroethene	2.6	
AGW003(I)	01/03/2005	cis-1,2-Dichloroethene	1.8	
AGW003(I)	02/07/2005	cis-1,2-Dichloroethene	2.0	
AGW003(I)	03/07/2005	cis-1,2-Dichloroethene	2.6	
AGW003(I)	04/04/2005	cis-1,2-Dichloroethene	2.3	
AGW003(I)	05/02/2005	cis-1,2-Dichloroethene	2.1	
AGW003(I)	06/01/2005	cis-1,2-Dichloroethene	2.0	
AGW003(I)	07/05/2005	cis-1,2-Dichloroethene	1.4	
AGW003(I)	08/09/2005	cis-1,2-Dichloroethene	1.0	
AGW003(I)	09/07/2005	cis-1,2-Dichloroethene	1.0	
AGW003(I)	07/05/1994	Trichloroethene	4.41	
AGW003(I)	07/27/1994	Trichloroethene	3.07	
AGW003(I)	12/15/1994	Trichloroethene	1.2	
AGW003(I)	03/30/1995	Trichloroethene	3.4	
AGW003(I)	12/12/1995	Trichloroethene	4.3	
AGW003(I)	03/21/1996	Trichloroethene	3.6	
AGW003(I)	06/21/1996	Trichloroethene	3.6	
AGW003(I)	10/03/1996	Trichloroethene	3.3	
AGW003(I)	12/17/1996	Trichloroethene	3	
AGW003(I)	03/18/1997	Trichloroethene	2.9	
AGW003(I)	09/11/1997	Trichloroethene	2.4	
AGW003(I)	03/25/1998	Trichloroethene	2.5	
AGW003(I)	09/04/1998	Trichloroethene	14	
AGW003(I)	02/18/1999	Trichloroethene	2.7	
AGW003(I)	08/31/1999	Trichloroethene	2	
AGW003(I)	03/15/2000	Trichloroethene	2.3	

INTERMEDIATE WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW003(I)	11/09/2000	Trichloroethene	2.2	
AGW003(I)	05/22/2001	Trichloroethene	2.5	
AGW003(I)	11/06/2001	Trichloroethene	2.8	
AGW003(I)	05/21/2002	Trichloroethene	2.1	
AGW003(I)	11/23/2002	Trichloroethene	1.8	
AGW003(I)	05/23/2003	Trichloroethene	1.9	
AGW003(I)	12/19/2003	Trichloroethene	1.9	
AGW003(I)	06/14/2004	Trichloroethene	1.6	
AGW003(I)	06/16/2004	Trichloroethene	1.6	
AGW003(I)	08/30/2004	Trichloroethene	2.1	
AGW003(I)	10/04/2004	Trichloroethene	1.6	
AGW003(I)	11/01/2004	Trichloroethene	1.0	U
AGW003(I)	12/08/2004	Trichloroethene	1.0	U
AGW003(I)	12/09/2004	Trichloroethene	0.6	U
AGW003(I)	01/03/2005	Trichloroethene	1.0	U
AGW003(I)	02/07/2005	Trichloroethene	1.0	U
AGW003(I)	03/07/2005	Trichloroethene	0.5	
AGW003(I)	04/04/2005	Trichloroethene	0.6	
AGW003(I)	05/02/2005	Trichloroethene	0.7	
AGW003(I)	06/01/2005	Trichloroethene	0.9	
AGW003(I)	07/05/2005	Trichloroethene	0.9	
AGW003(I)	08/09/2005	Trichloroethene	1.0	
AGW003(I)	09/07/2005	Trichloroethene	1.0	
AGW003(I)	12/12/1995	Vinyl Chloride	2	U
AGW003(I)	03/21/1996	Vinyl Chloride	2	U
AGW003(I)	06/21/1996	Vinyl Chloride	2	U
AGW003(I)	10/03/1996	Vinyl Chloride	2	U
AGW003(I)	12/17/1996	Vinyl Chloride	2	U
AGW003(I)	03/18/1997	Vinyl Chloride	2	U
AGW003(I)	09/11/1997	Vinyl Chloride	0.2	U
AGW003(I)	03/25/1998	Vinyl Chloride	0.2	U
AGW003(I)	09/04/1998	Vinyl Chloride	2	U
AGW003(I)	02/18/1999	Vinyl Chloride	0.2	U
AGW003(I)	08/31/1999	Vinyl Chloride	1	U
AGW003(I)	03/15/2000	Vinyl Chloride	1	U
AGW003(I)	11/09/2000	Vinyl Chloride	0.2	U
AGW003(I)	05/22/2001	Vinyl Chloride	0.2	U
AGW003(I)	11/06/2001	Vinyl Chloride	0.2	U
AGW003(I)	05/21/2002	Vinyl Chloride	0.2	U
AGW003(I)	11/23/2002	Vinyl Chloride	0.6	U
AGW003(I)	05/23/2003	Vinyl Chloride	0.6	U
AGW003(I)	12/19/2003	Vinyl Chloride	0.2	U
AGW003(I)	06/14/2004	Vinyl Chloride	0.02	U
AGW003(I)	06/16/2004	Vinyl Chloride	0.02	U
AGW003(I)	08/30/2004	Vinyl Chloride	0.6	U
AGW003(I)	10/04/2004	Vinyl Chloride	1.0	U
AGW003(I)	11/01/2004	Vinyl Chloride	1.0	U
AGW003(I)	12/08/2004	Vinyl Chloride	1.0	U
AGW003(I)	12/09/2004	Vinyl Chloride	0.086	
AGW003(I)	01/03/2005	Vinyl Chloride	1.0	U
AGW003(I)	02/07/2005	Vinyl Chloride	1.0	U
AGW003(I)	03/07/2005	Vinyl Chloride	0.2	U
AGW003(I)	04/04/2005	Vinyl Chloride	0.4	U

INTERMEDIATE WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW003(I)	05/02/2005	Vinyl Chloride	0.2	U
AGW003(I)	06/01/2005	Vinyl Chloride	0.6	U
AGW003(I)	07/05/2005	Vinyl Chloride	0.2	U
AGW003(I)	08/09/2005	Vinyl Chloride	0.6	U
AGW003(I)	09/07/2005	Vinyl Chloride	0.6	U
AGW054(I)				
AGW054(I)	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW054(I)	12/18/1996	cis-1,2-Dichloroethene	1	U
AGW054(I)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW054(I)	12/21/2003	cis-1,2-Dichloroethene	0.2	U
AGW054(I)	10/30/1996	Trichloroethene	2.3	
AGW054(I)	12/18/1996	Trichloroethene	1.4	
AGW054(I)	03/14/1997	Trichloroethene	1	U
AGW054(I)	12/21/2003	Trichloroethene	1	
AGW054(I)	10/30/1996	Vinyl Chloride	2	U
AGW054(I)	12/18/1996	Vinyl Chloride	2	U
AGW054(I)	03/14/1997	Vinyl Chloride	2	U
AGW054(I)	12/21/2003	Vinyl Chloride	0.2	U
AGW055(I)/AGW055R				
AGW055(I)	10/30/1996	cis-1,2-Dichloroethene	5.9	
AGW055(I)	12/18/1996	cis-1,2-Dichloroethene	11	
AGW055(I)	03/13/1997	cis-1,2-Dichloroethene	11	
AGW055(I)	12/21/2003	cis-1,2-Dichloroethene	0.8	
AGW055(I)	08/11/2005	cis-1,2-Dichloroethene	4.8	
AGW055(I)	12/1/2005	cis-1,2-Dichloroethene	1.8	
AGW055R	4/2/2007	cis-1,2-Dichloroethene	1.9	
AGW055R	6/11/2007	cis-1,2-Dichloroethene	3.0	
AGW055R	9/11/2007	cis-1,2-Dichloroethene	1.5	J
AGW055R	12/12/2007	cis-1,2-Dichloroethene	1.0	
AGW055R	3/13/2008	cis-1,2-Dichloroethene	1.8	
AGW055(I)	10/30/1996	Trichloroethene	8.4	
AGW055(I)	12/18/1996	Trichloroethene	11	
AGW055(I)	03/13/1997	Trichloroethene	13	
AGW055(I)	12/21/2003	Trichloroethene	4	
AGW055(I)	08/11/2005	Trichloroethene	4.1	
AGW055(I)	12/1/2005	Trichloroethene	2.6	
AGW055R	4/2/2007	Trichloroethene	1.8	
AGW055R	6/11/2007	Trichloroethene	2.5	
AGW055R	9/11/2007	Trichloroethene	1.2	J
AGW055R	12/12/2007	Trichloroethene	0.8	
AGW055R	3/13/2008	Trichloroethene	1.5	
AGW055(I)	10/30/1996	Vinyl Chloride	2	U
AGW055(I)	12/18/1996	Vinyl Chloride	2	U
AGW055(I)	03/13/1997	Vinyl Chloride	2	U
AGW055(I)	12/21/2003	Vinyl Chloride	0.2	U
AGW055(I)	08/11/2005	Vinyl Chloride	0.3	
AGW055(I)	12/1/2005	Vinyl Chloride	0.11	
AGW055R	4/2/2007	Vinyl Chloride	0.29	

INTERMEDIATE WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW055R	6/11/2007	Vinyl Chloride	0.3	
AGW055R	9/11/2007	Vinyl Chloride	0.2	U
AGW055R	12/12/2007	Vinyl Chloride	0.2	U
AGW055R	3/13/2008	Vinyl Chloride	0.2	U
AGW056(I)				
AGW056(I)	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW056(I)	12/18/1996	cis-1,2-Dichloroethene	1	U
AGW056(I)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW056(I)	12/22/2003	cis-1,2-Dichloroethene	0.2	U
AGW056(I)	08/11/2005	cis-1,2-Dichloroethene	0.2	U
AGW056(I)	10/30/1996	Trichloroethene	3.6	
AGW056(I)	12/18/1996	Trichloroethene	3	
AGW056(I)	03/14/1997	Trichloroethene	2.5	
AGW056(I)	12/22/2003	Trichloroethene	1.8	
AGW056(I)	08/11/2005	Trichloroethene	1.8	
AGW056(I)	10/30/1996	Vinyl Chloride	2	U
AGW056(I)	12/18/1996	Vinyl Chloride	2	U
AGW056(I)	03/14/1997	Vinyl Chloride	2	U
AGW056(I)	12/22/2003	Vinyl Chloride	0.2	U
AGW056(I)	08/11/2005	Vinyl Chloride	0.2	U
AGW057(I)/AGW057R				
AGW057(I)	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW057(I)	12/17/1996	cis-1,2-Dichloroethene	1	U
AGW057(I)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW057(I)	09/11/1997	cis-1,2-Dichloroethene	0.3	
AGW057(I)	03/23/1998	cis-1,2-Dichloroethene	0.5	
AGW057(I)	09/01/1998	cis-1,2-Dichloroethene	0.6	
AGW057(I)	02/22/1999	cis-1,2-Dichloroethene	0.8	
AGW057(I)	08/26/1999	cis-1,2-Dichloroethene	1	U
AGW057(I)	03/09/2000	cis-1,2-Dichloroethene	1	U
AGW057(I)	11/07/2000	cis-1,2-Dichloroethene	0.4	
AGW057(I)	05/15/2001	cis-1,2-Dichloroethene	0.4	
AGW057(I)	11/06/2001	cis-1,2-Dichloroethene	0.5	
AGW057(I)	05/21/2002	cis-1,2-Dichloroethene	0.4	
AGW057(I)	11/23/2002	cis-1,2-Dichloroethene	0.3	
AGW057(I)	05/22/2003	cis-1,2-Dichloroethene	0.3	
AGW057(I)	12/18/2003	cis-1,2-Dichloroethene	0.2	U
AGW057(I)	06/14/2004	cis-1,2-Dichloroethene	0.2	
AGW057(I)	12/09/2004	cis-1,2-Dichloroethene	0.2	
AGW057(I)	08/11/2005	cis-1,2-Dichloroethene	0.2	
AGW057(I)	12/1/2005	cis-1,2-Dichloroethene	0.2	U
AGW057R	4/19/2007	cis-1,2-Dichloroethene	0.2	U
AGW057R	6/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW057R	9/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW057R	12/12/2007	cis-1,2-Dichloroethene	0.2	U
AGW057R	3/13/2008	cis-1,2-Dichloroethene	0.2	U
AGW057(I)	10/30/1996	Trichloroethene	9.6	
AGW057(I)	12/17/1996	Trichloroethene	9.7	
AGW057(I)	03/14/1997	Trichloroethene	9	

INTERMEDIATE WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW057(I)	09/11/1997	Trichloroethene	7.7	
AGW057(I)	03/23/1998	Trichloroethene	8.7	
AGW057(I)	09/01/1998	Trichloroethene	9.9	
AGW057(I)	02/22/1999	Trichloroethene	9.1	
AGW057(I)	08/26/1999	Trichloroethene	7.3	
AGW057(I)	03/09/2000	Trichloroethene	7.5	
AGW057(I)	11/07/2000	Trichloroethene	7	
AGW057(I)	05/15/2001	Trichloroethene	7.2	
AGW057(I)	11/06/2001	Trichloroethene	6.5	
AGW057(I)	05/21/2002	Trichloroethene	6.6	
AGW057(I)	11/23/2002	Trichloroethene	5.7	
AGW057(I)	05/22/2003	Trichloroethene	7.4	
AGW057(I)	12/18/2003	Trichloroethene	5.9	
AGW057(I)	06/14/2004	Trichloroethene	6	
AGW057(I)	12/09/2004	Trichloroethene	5.3	
AGW057(I)	08/11/2005	Trichloroethene	5.2	
AGW057(I)	12/1/2005	Trichloroethene	5.6	
AGW057R	4/19/2007	Trichloroethene	2.8	
AGW057R	6/11/2007	Trichloroethene	3.0	
AGW057R	9/11/2007	Trichloroethene	2.8	
AGW057R	12/12/2007	Trichloroethene	2.6	
AGW057R	3/13/2008	Trichloroethene	2.9	
AGW057(I)	10/30/1996	Vinyl Chloride	2	U
AGW057(I)	12/17/1996	Vinyl Chloride	2	U
AGW057(I)	03/14/1997	Vinyl Chloride	2	U
AGW057(I)	09/11/1997	Vinyl Chloride	0.2	U
AGW057(I)	03/23/1998	Vinyl Chloride	0.2	U
AGW057(I)	09/01/1998	Vinyl Chloride	0.2	U
AGW057(I)	02/22/1999	Vinyl Chloride	0.2	U
AGW057(I)	08/26/1999	Vinyl Chloride	1	U
AGW057(I)	03/09/2000	Vinyl Chloride	1	U
AGW057(I)	11/07/2000	Vinyl Chloride	0.2	U
AGW057(I)	05/15/2001	Vinyl Chloride	0.2	U
AGW057(I)	11/06/2001	Vinyl Chloride	0.2	U
AGW057(I)	05/21/2002	Vinyl Chloride	0.2	U
AGW057(I)	11/23/2002	Vinyl Chloride	0.2	U
AGW057(I)	05/22/2003	Vinyl Chloride	0.2	U
AGW057(I)	12/18/2003	Vinyl Chloride	0.2	U
AGW057(I)	06/14/2004	Vinyl Chloride	0.02	U
AGW057(I)	12/09/2004	Vinyl Chloride	0.02	U
AGW057(I)	08/11/2005	Vinyl Chloride	0.2	U
AGW057(I)	12/1/2005	Vinyl Chloride	0.02	U
AGW057R	4/19/2007	Vinyl Chloride	0.2	U
AGW057R	6/11/2007	Vinyl Chloride	0.2	U
AGW057R	9/11/2007	Vinyl Chloride	0.2	U
AGW057R	12/12/2007	Vinyl Chloride	0.2	U
AGW057R	3/13/2008	Vinyl Chloride	0.2	U
AGW060(I)/AGW060R				
AGW060(I)	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW060(I)	12/16/1996	cis-1,2-Dichloroethene	1	U
AGW060(I)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW060(I)	12/16/2003	cis-1,2-Dichloroethene	0.2	U

INTERMEDIATE WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW060R	4/19/2007	cis-1,2-Dichloroethene	2.8	
AGW060R	6/11/2007	cis-1,2-Dichloroethene	4.0	
AGW060R	9/11/2007	cis-1,2-Dichloroethene	4.0	
AGW060R	12/12/2007	cis-1,2-Dichloroethene	3.7	
AGW060R	3/13/2008	cis-1,2-Dichloroethene	3.4	
AGW060(I)	10/30/1996	Trichloroethene	4.2	
AGW060(I)	12/16/1996	Trichloroethene	3.5	
AGW060(I)	03/14/1997	Trichloroethene	3.3	
AGW060(I)	12/16/2003	Trichloroethene	1.8	
AGW060R	4/19/2007	Trichloroethene	1.4	
AGW060R	6/11/2007	Trichloroethene	2.0	
AGW060R	9/11/2007	Trichloroethene	2.1	
AGW060R	12/12/2007	Trichloroethene	1.8	
AGW060R	3/13/2008	Trichloroethene	1.9	
AGW060(I)	10/30/1996	Vinyl Chloride	2	U
AGW060(I)	12/16/1996	Vinyl Chloride	2	U
AGW060(I)	03/14/1997	Vinyl Chloride	2	U
AGW060(I)	12/16/2003	Vinyl Chloride	0.2	U
AGW060R	4/19/2007	Vinyl Chloride	0.2	U
AGW060R	6/11/2007	Vinyl Chloride	0.2	U
AGW060R	9/11/2007	Vinyl Chloride	0.2	U
AGW060R	12/12/2007	Vinyl Chloride	0.2	U
AGW060R	3/13/2008	Vinyl Chloride	0.2	U
AGW061(I)				
AGW061(I)	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW061(I)	12/17/1996	cis-1,2-Dichloroethene	1	U
AGW061(I)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW061(I)	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW061(I)	10/30/1996	Trichloroethene	1	U
AGW061(I)	12/17/1996	Trichloroethene	1	U
AGW061(I)	03/14/1997	Trichloroethene	1	U
AGW061(I)	12/16/2003	Trichloroethene	0.5	
AGW061(I)	10/30/1996	Vinyl Chloride	2	U
AGW061(I)	12/17/1996	Vinyl Chloride	2	U
AGW061(I)	03/14/1997	Vinyl Chloride	2	U
AGW061(I)	12/16/2003	Vinyl Chloride	0.2	U
AGW072(I)				
AGW072(I)	11/06/2000	cis-1,2-Dichloroethene	0.6	
AGW072(I)	05/18/2001	cis-1,2-Dichloroethene	0.5	
AGW072(I)	11/01/2001	cis-1,2-Dichloroethene	0.5	
AGW072(I)	05/17/2002	cis-1,2-Dichloroethene	0.7	
AGW072(I)	11/24/2002	cis-1,2-Dichloroethene	0.4	
AGW072(I)	05/19/2003	cis-1,2-Dichloroethene	0.5	
AGW072(I)	12/17/2003	cis-1,2-Dichloroethene	0.2	U
AGW072(I)	03/02/2004	cis-1,2-Dichloroethene	0.3	
AGW072(I)	06/07/2004	cis-1,2-Dichloroethene	0.3	
AGW072(I)	08/17/2004	cis-1,2-Dichloroethene	0.3	
AGW072(I)	12/03/2004	cis-1,2-Dichloroethene	0.8	

INTERMEDIATE WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW072(I)	4/17/2006	cis-1,2-Dichloroethene	0.7	
AGW072(I)	4/2/2007	cis-1,2-Dichloroethene	0.3	
AGW072(I)	6/11/2007	cis-1,2-Dichloroethene	0.3	
AGW072(I)	9/12/2007	cis-1,2-Dichloroethene	0.4	
AGW072(I)	12/12/2007	cis-1,2-Dichloroethene	0.5	
AGW072(I)	3/13/2008	cis-1,2-Dichloroethene	0.4	
AGW072(I)	11/06/2000	Trichloroethene	4.2	
AGW072(I)	05/18/2001	Trichloroethene	4.4	
AGW072(I)	11/01/2001	Trichloroethene	4.6	
AGW072(I)	05/17/2002	Trichloroethene	4.8	
AGW072(I)	11/24/2002	Trichloroethene	4.5	
AGW072(I)	05/19/2003	Trichloroethene	4.8	
AGW072(I)	12/17/2003	Trichloroethene	2.7	
AGW072(I)	03/02/2004	Trichloroethene	4	
AGW072(I)	06/07/2004	Trichloroethene	4.1	
AGW072(I)	08/17/2004	Trichloroethene	3.9	
AGW072(I)	12/03/2004	Trichloroethene	3.7	
AGW072(I)	4/17/2006	Trichloroethene	4	
AGW072(I)	4/2/2007	Trichloroethene	3.4	
AGW072(I)	6/11/2007	Trichloroethene	3.2	
AGW072(I)	9/12/2007	Trichloroethene	2.7	
AGW072(I)	12/12/2007	Trichloroethene	2.4	
AGW072(I)	3/13/2008	Trichloroethene	3	
AGW072(I)	11/06/2000	Vinyl Chloride	0.2	U
AGW072(I)	05/18/2001	Vinyl Chloride	0.2	U
AGW072(I)	11/01/2001	Vinyl Chloride	0.2	U
AGW072(I)	05/17/2002	Vinyl Chloride	0.2	U
AGW072(I)	11/24/2002	Vinyl Chloride	0.2	U
AGW072(I)	05/19/2003	Vinyl Chloride	0.2	U
AGW072(I)	12/17/2003	Vinyl Chloride	0.2	U
AGW072(I)	03/02/2004	Vinyl Chloride	0.02	U
AGW072(I)	06/07/2004	Vinyl Chloride	0.02	U
AGW072(I)	08/17/2004	Vinyl Chloride	0.02	U
AGW072(I)	12/03/2004	Vinyl Chloride	0.02	U
AGW072(I)	4/17/2006	Vinyl Chloride	0.2	U
AGW072(I)	4/2/2007	Vinyl Chloride	0.2	U
AGW072(I)	6/11/2007	Vinyl Chloride	0.2	U
AGW072(I)	9/12/2007	Vinyl Chloride	0.2	U
AGW072(I)	12/12/2007	Vinyl Chloride	0.2	U
AGW072(I)	3/13/2008	Vinyl Chloride	0.2	U
AGW095(I)/AGW095R				
AGW095(I)	12/17/2003	cis-1,2-Dichloroethene	0.3	
AGW095(I)	03/01/2004	cis-1,2-Dichloroethene	0.3	
AGW095(I)	06/07/2004	cis-1,2-Dichloroethene	0.3	
AGW095(I)	08/17/2004	cis-1,2-Dichloroethene	0.2	
AGW095(I)	12/02/2004	cis-1,2-Dichloroethene	0.2	U
AGW095R	4/3/2007	cis-1,2-Dichloroethene	0.7	
AGW095R	6/11/2007	cis-1,2-Dichloroethene	0.8	
AGW095R	9/11/2007	cis-1,2-Dichloroethene	0.5	
AGW095R	12/12/2007	cis-1,2-Dichloroethene	0.3	
AGW095R	3/13/2008	cis-1,2-Dichloroethene	0.7	

INTERMEDIATE WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW095(I)	12/17/2003	Trichloroethene	3.1	
AGW095(I)	03/01/2004	Trichloroethene	2.9	
AGW095(I)	06/07/2004	Trichloroethene	2.5	
AGW095(I)	08/17/2004	Trichloroethene	3	
AGW095(I)	12/02/2004	Trichloroethene	2.5	
AGW095R	4/3/2007	Trichloroethene	2.6	
AGW095R	6/11/2007	Trichloroethene	3.3	
AGW095R	9/11/2007	Trichloroethene	2.1	
AGW095R	12/12/2007	Trichloroethene	1.9	
AGW095R	3/13/2008	Trichloroethene	2.1	
AGW095(I)	12/17/2003	Vinyl Chloride	0.2	U
AGW095(I)	03/01/2004	Vinyl Chloride	0.02	U
AGW095(I)	06/07/2004	Vinyl Chloride	0.02	U
AGW095(I)	08/17/2004	Vinyl Chloride	0.02	U
AGW095(I)	12/02/2004	Vinyl Chloride	0.02	U
AGW095R	4/3/2007	Vinyl Chloride	0.2	U
AGW095R	6/11/2007	Vinyl Chloride	0.2	U
AGW095R	9/11/2007	Vinyl Chloride	0.2	U
AGW095R	12/12/2007	Vinyl Chloride	0.2	U
AGW095R	3/13/2008	Vinyl Chloride	0.2	U
AGW097(I)				
AGW097(I)	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW097(I)	06/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW097(I)	12/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW097(I)	12/16/2003	Trichloroethene	0.2	U
AGW097(I)	06/01/2004	Trichloroethene	0.2	U
AGW097(I)	12/07/2004	Trichloroethene	0.2	U
AGW097(I)	12/16/2003	Vinyl Chloride	0.2	U
AGW097(I)	06/01/2004	Vinyl Chloride	0.02	U
AGW097(I)	12/07/2004	Vinyl Chloride	0.02	U
AGW126				
AGW126	04/02/2007	cis-1,2-Dichloroethene	6.0	
AGW126	06/11/2007	cis-1,2-Dichloroethene	5.9	
AGW126	9/12/2007	cis-1,2-Dichloroethene	5.4	
AGW126	12/11/2007	cis-1,2-Dichloroethene	7.7	
AGW126	3/13/2008	cis-1,2-Dichloroethene	6	
AGW126	04/02/2007	Trichloroethene	15	
AGW126	06/11/2007	Trichloroethene	21	
AGW126	9/12/2007	Trichloroethene	17	
AGW126	12/11/2007	Trichloroethene	12	
AGW126	3/13/2008	Trichloroethene	18	E
AGW126	04/02/2007	Vinyl Chloride	0.2	U
AGW126	06/11/2007	Vinyl Chloride	0.2	U
AGW126	9/12/2007	Vinyl Chloride	0.2	U
AGW126	12/11/2007	Vinyl Chloride	0.2	U
AGW126	3/13/2008	Vinyl Chloride	0.2	U

INTERMEDIATE WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
IW31(I)				
IW31(I)	11/03/2004	cis-1,2-Dichloroethene	10	
IW31(I)	11/03/2004	Trichloroethene	0.8	
IW31(I)	11/03/2004	Vinyl Chloride	0.4	
IW5(I)				
IW5(I)	07/12/2004	cis-1,2-Dichloroethene	1.0	
IW5(I)	08/30/2004	cis-1,2-Dichloroethene	3.8	
IW5(I)	10/05/2004	cis-1,2-Dichloroethene	4.5	
IW5(I)	11/02/2004	cis-1,2-Dichloroethene	3.2	
IW5(I)	12/08/2004	cis-1,2-Dichloroethene	2.8	
IW5(I)	01/03/2005	cis-1,2-Dichloroethene	3.6	
IW5(I)	02/07/2005	cis-1,2-Dichloroethene	14	
IW5(I)	03/07/2005	cis-1,2-Dichloroethene	13	
IW5(I)	04/04/2005	cis-1,2-Dichloroethene	15	
IW5(I)	05/03/2005	cis-1,2-Dichloroethene	9.5	
IW5(I)	06/01/2005	cis-1,2-Dichloroethene	12	
IW5(I)	07/05/2005	cis-1,2-Dichloroethene	18	
IW5(I)	08/09/2005	cis-1,2-Dichloroethene	7.4	
IW5(I)	09/07/2005	cis-1,2-Dichloroethene	8.2	
IW5(I)	07/12/2004	Trichloroethene	7.9	
IW5(I)	08/30/2004	Trichloroethene	10	
IW5(I)	10/05/2004	Trichloroethene	16	
IW5(I)	11/02/2004	Trichloroethene	17	
IW5(I)	12/08/2004	Trichloroethene	18	
IW5(I)	01/03/2005	Trichloroethene	11	
IW5(I)	02/07/2005	Trichloroethene	10	U
IW5(I)	03/07/2005	Trichloroethene	4.6	
IW5(I)	04/04/2005	Trichloroethene	3.9	
IW5(I)	05/03/2005	Trichloroethene	2.7	
IW5(I)	06/01/2005	Trichloroethene	3.1	
IW5(I)	07/05/2005	Trichloroethene	1.0	U
IW5(I)	08/09/2005	Trichloroethene	2.2	
IW5(I)	09/07/2005	Trichloroethene	1.2	
IW5(I)	07/12/2004	Vinyl Chloride	0.2	U
IW5(I)	08/30/2004	Vinyl Chloride	0.6	U
IW5(I)	10/05/2004	Vinyl Chloride	1.0	U
IW5(I)	11/02/2004	Vinyl Chloride	1.0	U
IW5(I)	12/08/2004	Vinyl Chloride	1.0	U
IW5(I)	01/03/2005	Vinyl Chloride	0.2	U
IW5(I)	02/07/2005	Vinyl Chloride	10	U
IW5(I)	03/07/2005	Vinyl Chloride	0.7	
IW5(I)	04/04/2005	Vinyl Chloride	1.0	U
IW5(I)	05/03/2005	Vinyl Chloride	1.0	U
IW5(I)	06/01/2005	Vinyl Chloride	1.0	U
IW5(I)	07/05/2005	Vinyl Chloride	1.0	U
IW5(I)	08/09/2005	Vinyl Chloride	1.0	U
IW5(I)	09/07/2005	Vinyl Chloride	1.0	U

INTERMEDIATE WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag

U = Not Detected at the Reporting Limit

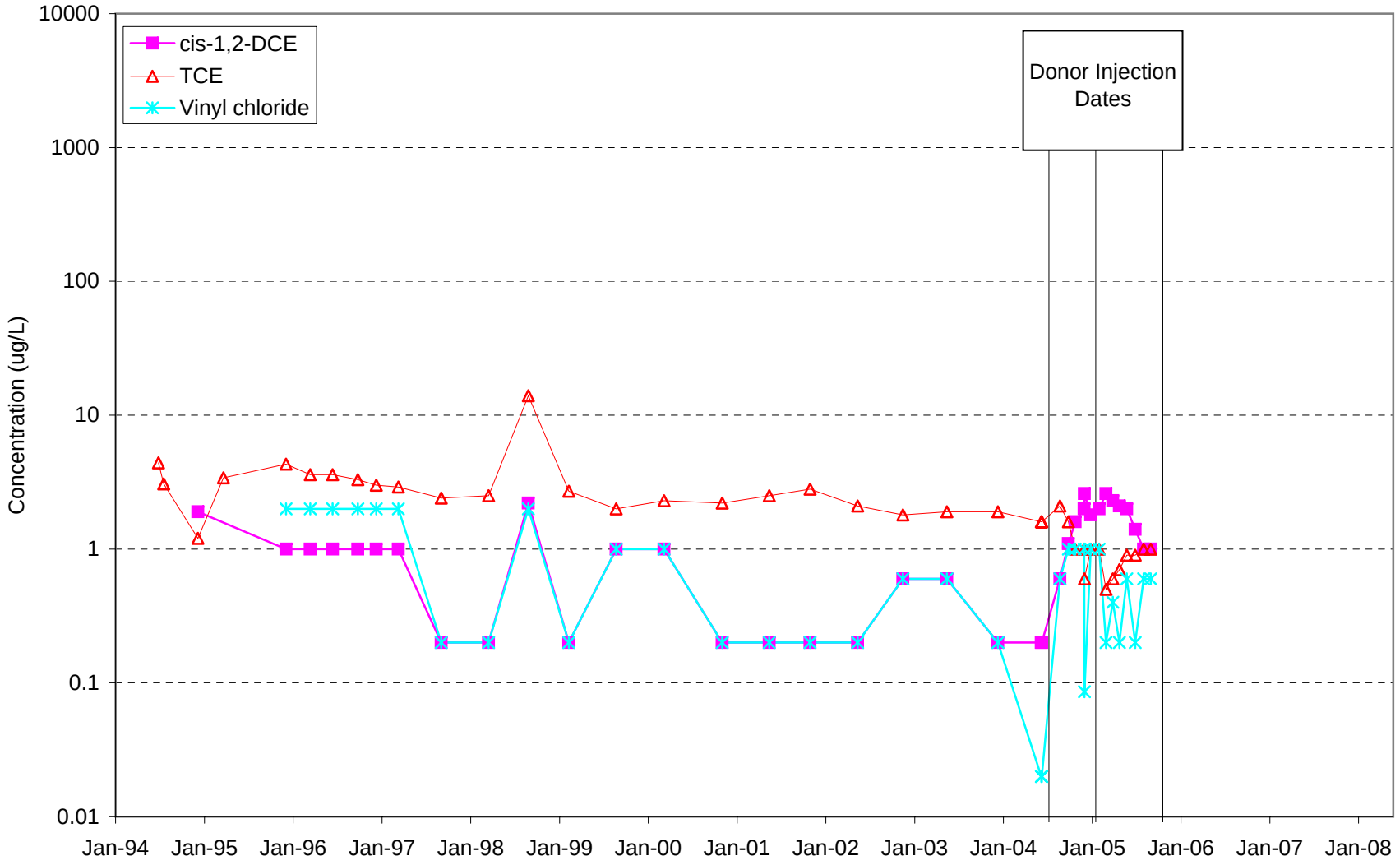
Notes:

All units are µg/L

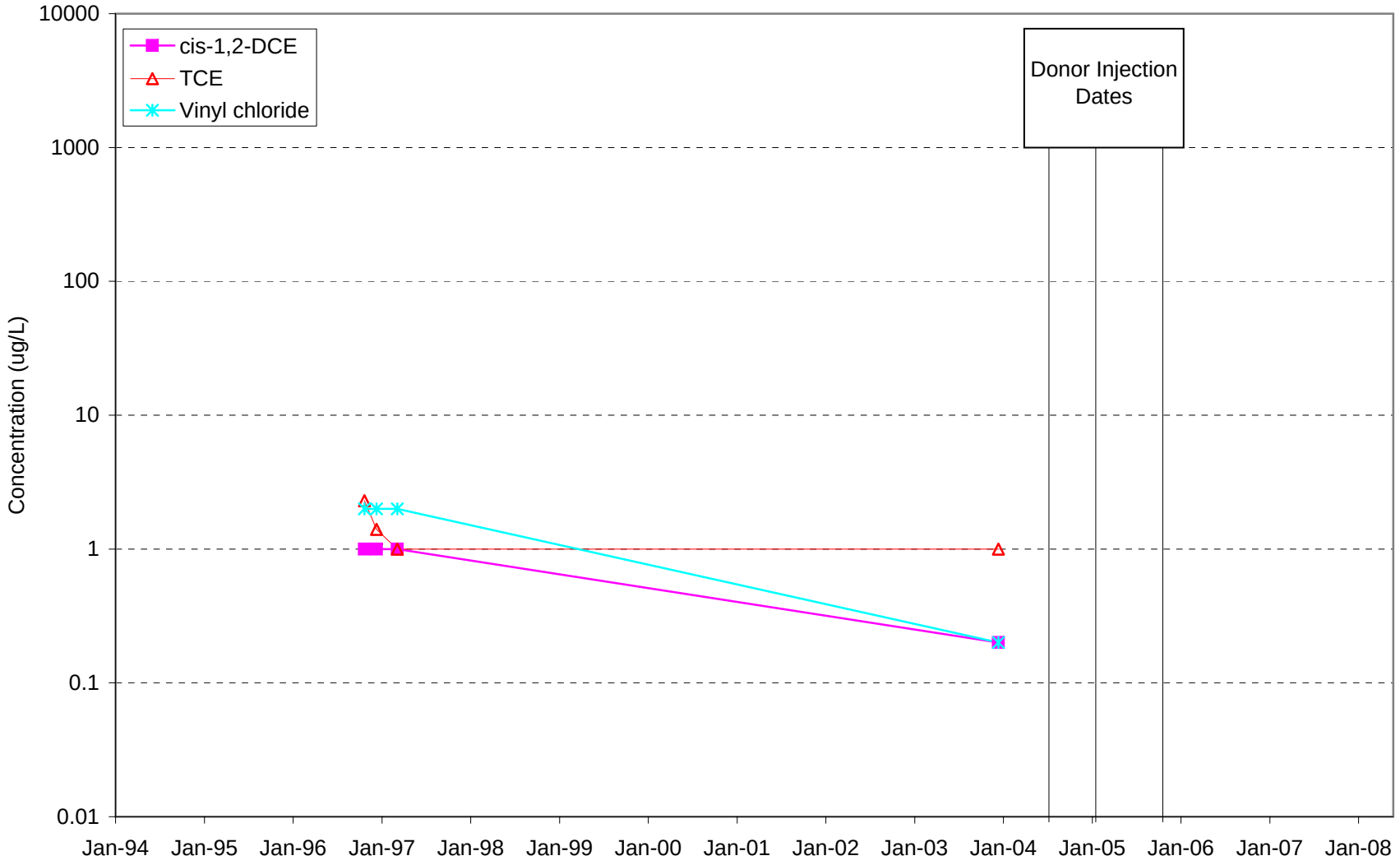
When vinyl chloride is reported by both VOC and VOCs: if both are detected, the higher of the detects is used; if both are not detected, lower RL is used; if one is detected and the other is not, then the detect is used.

Values for not detected plotted at reporting limit

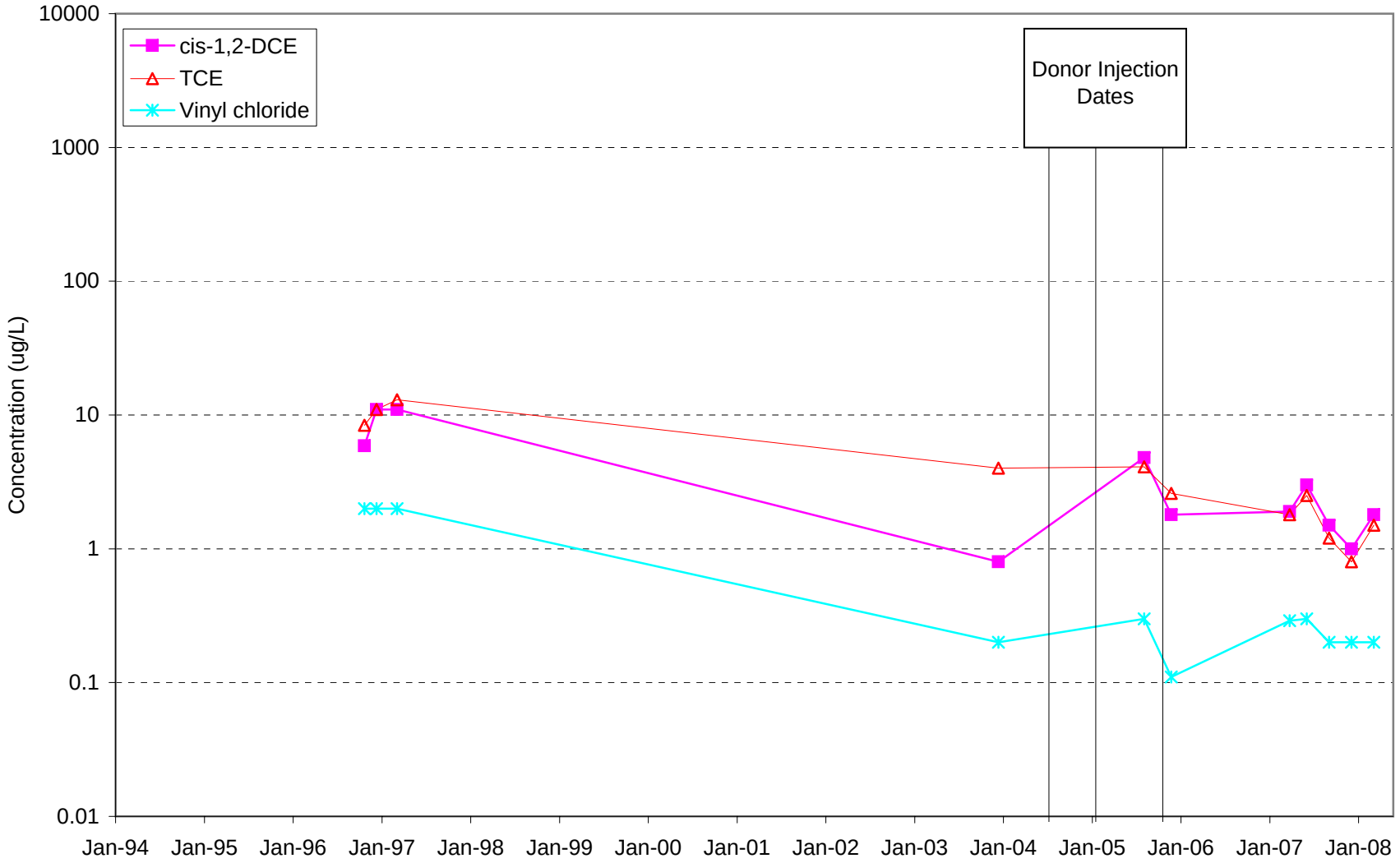
AGW003(I)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

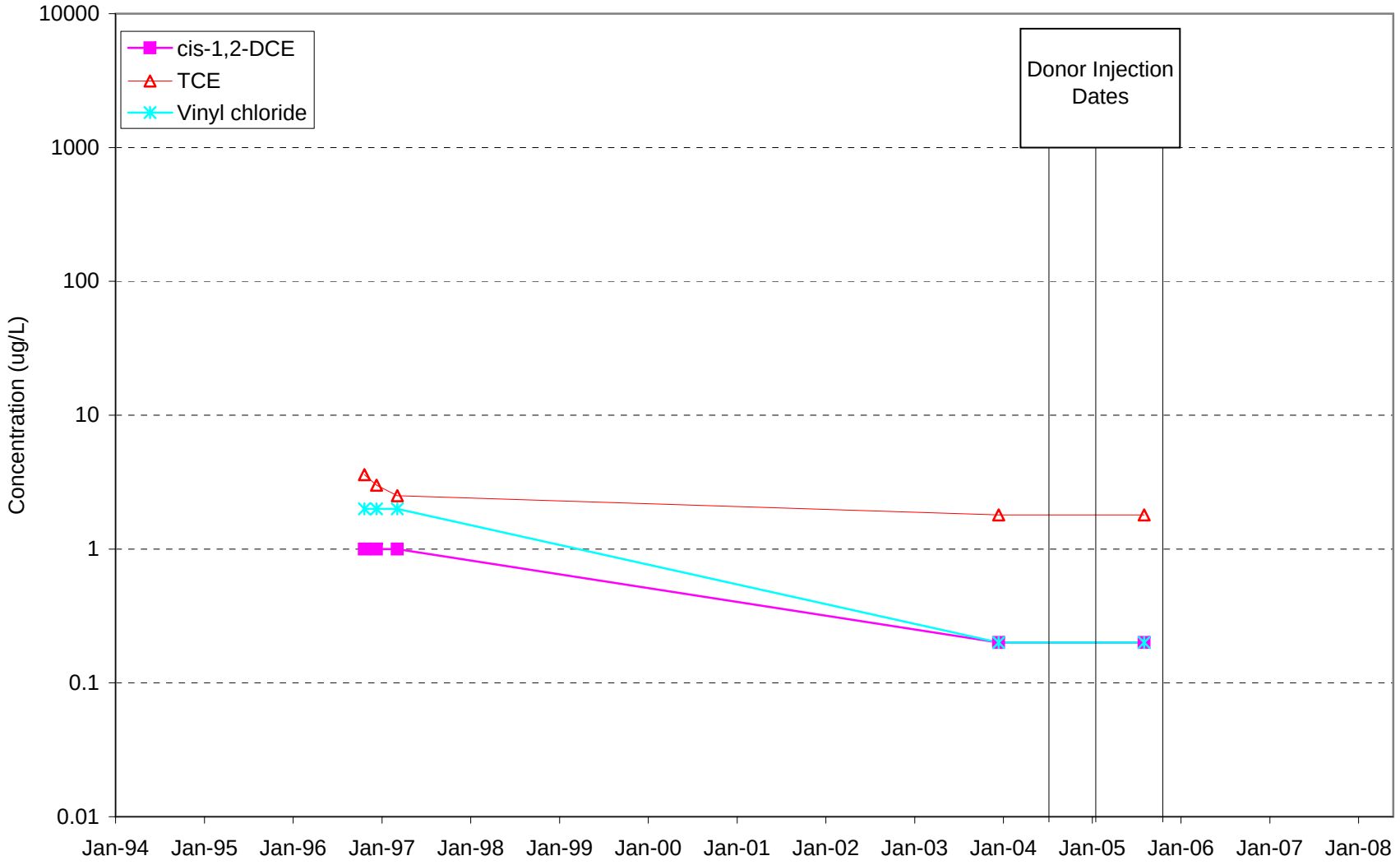
AGW054(I)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

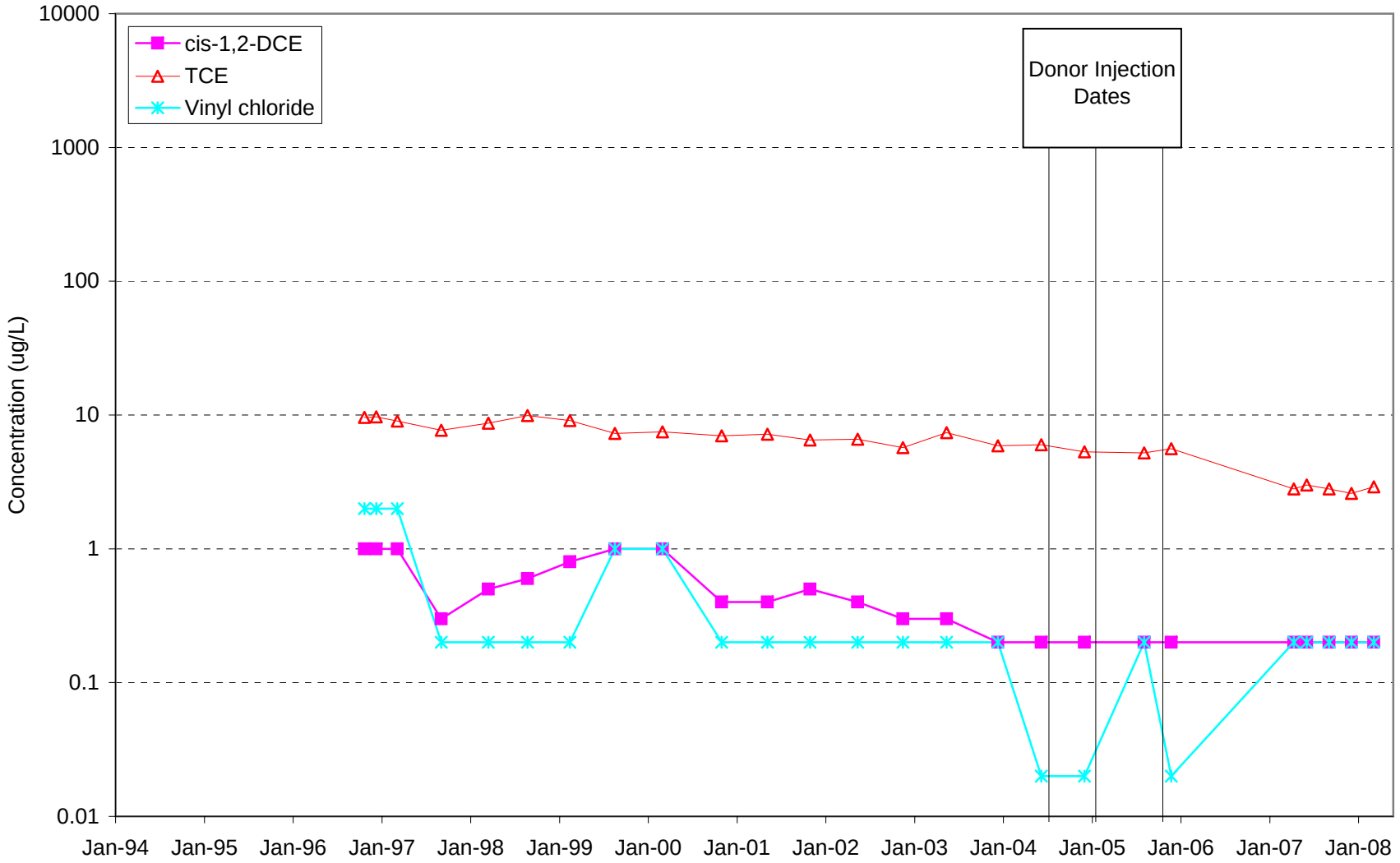
AGW055(I)/AGW055R



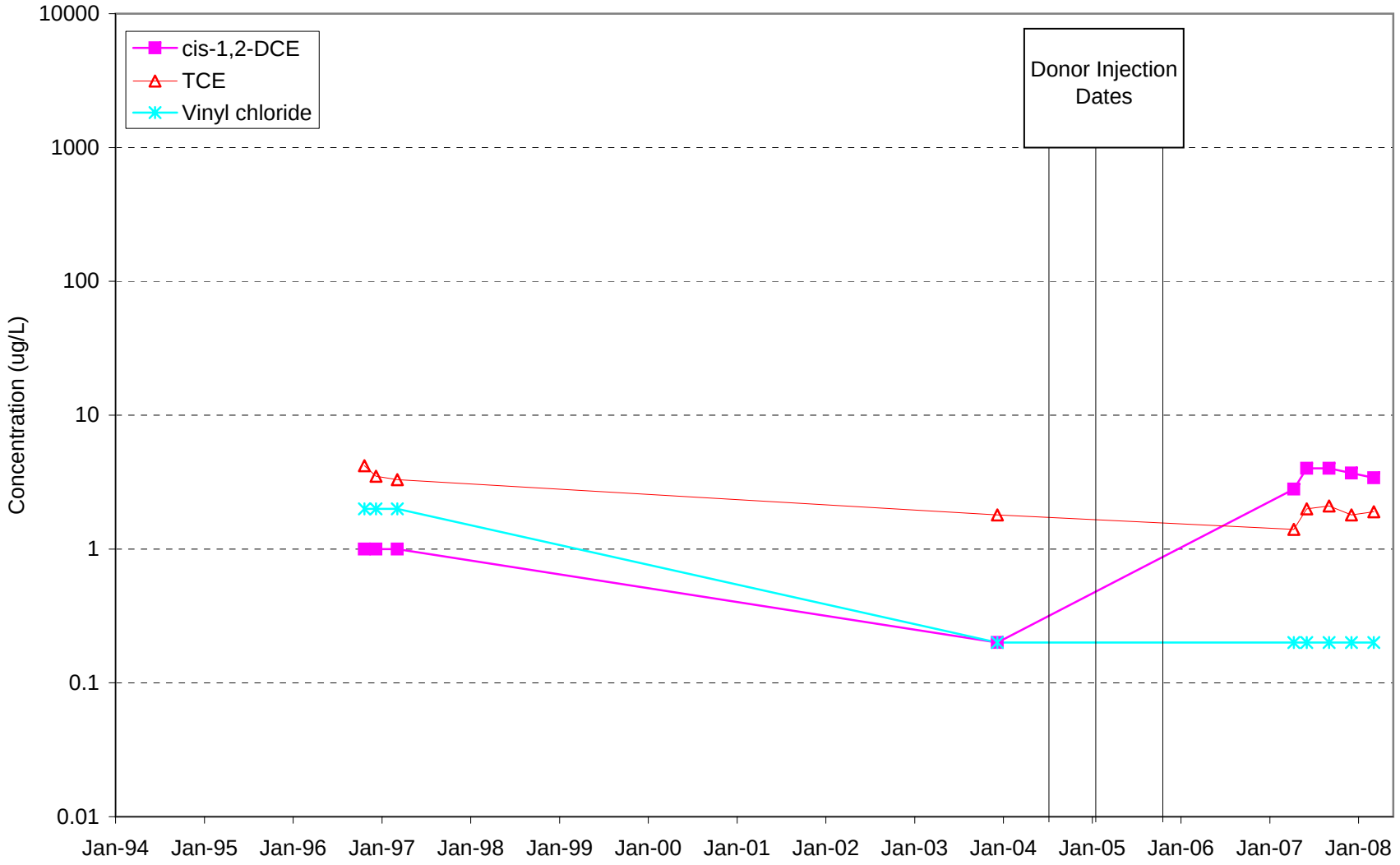
AGW056(I)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

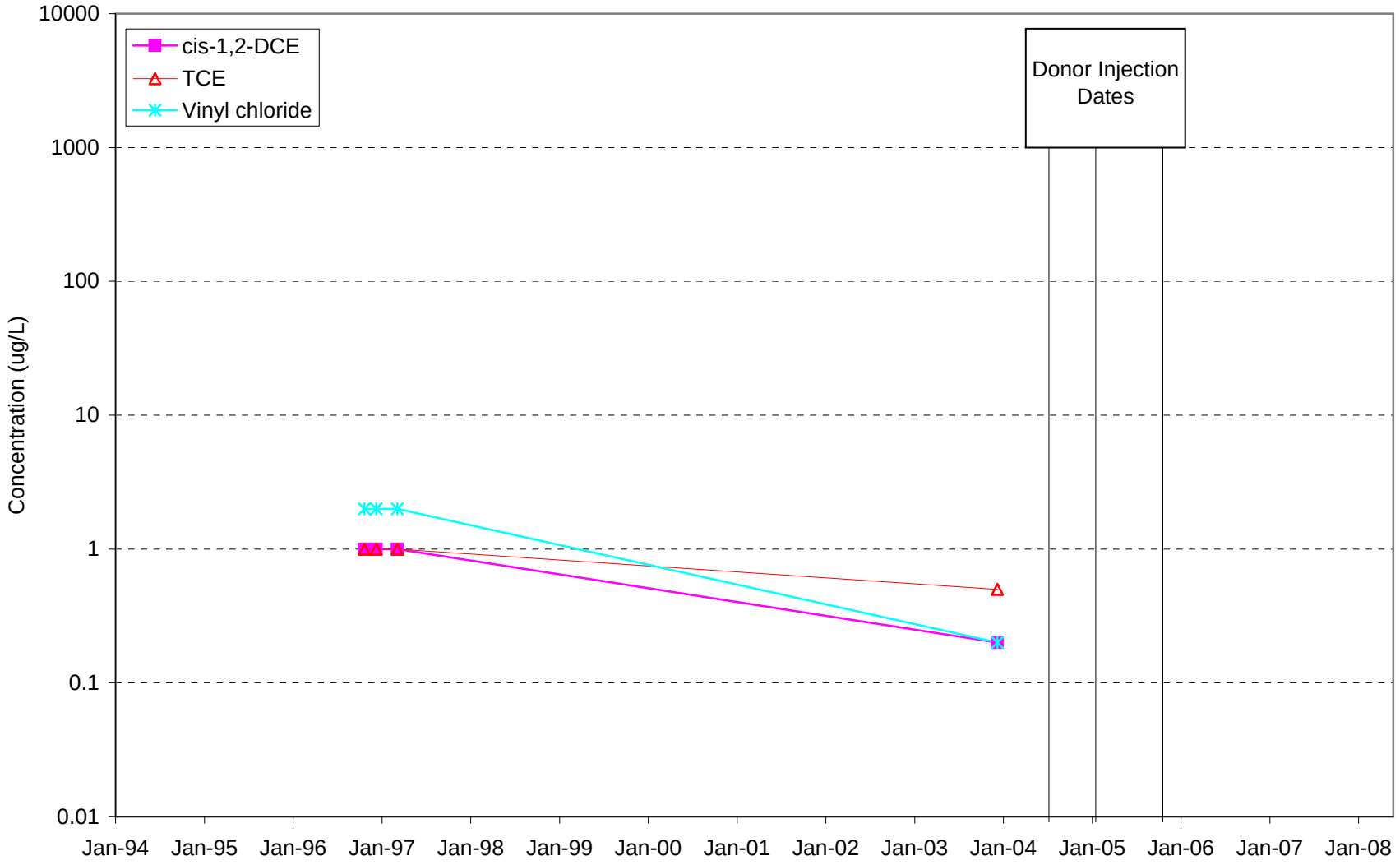
AGW057(I)/AGW057R



AGW060(I)/AGW060R



AGW061(I)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
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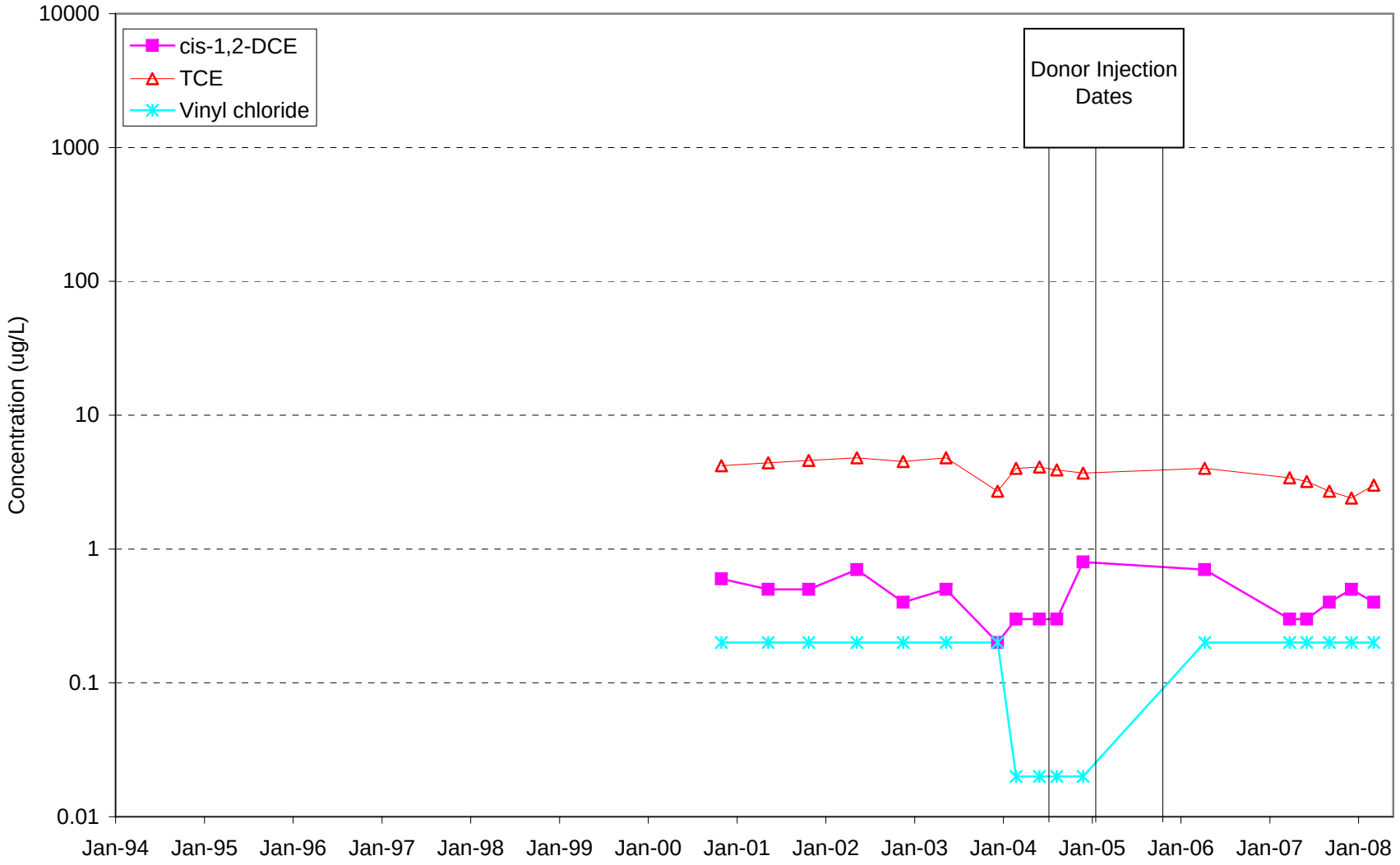
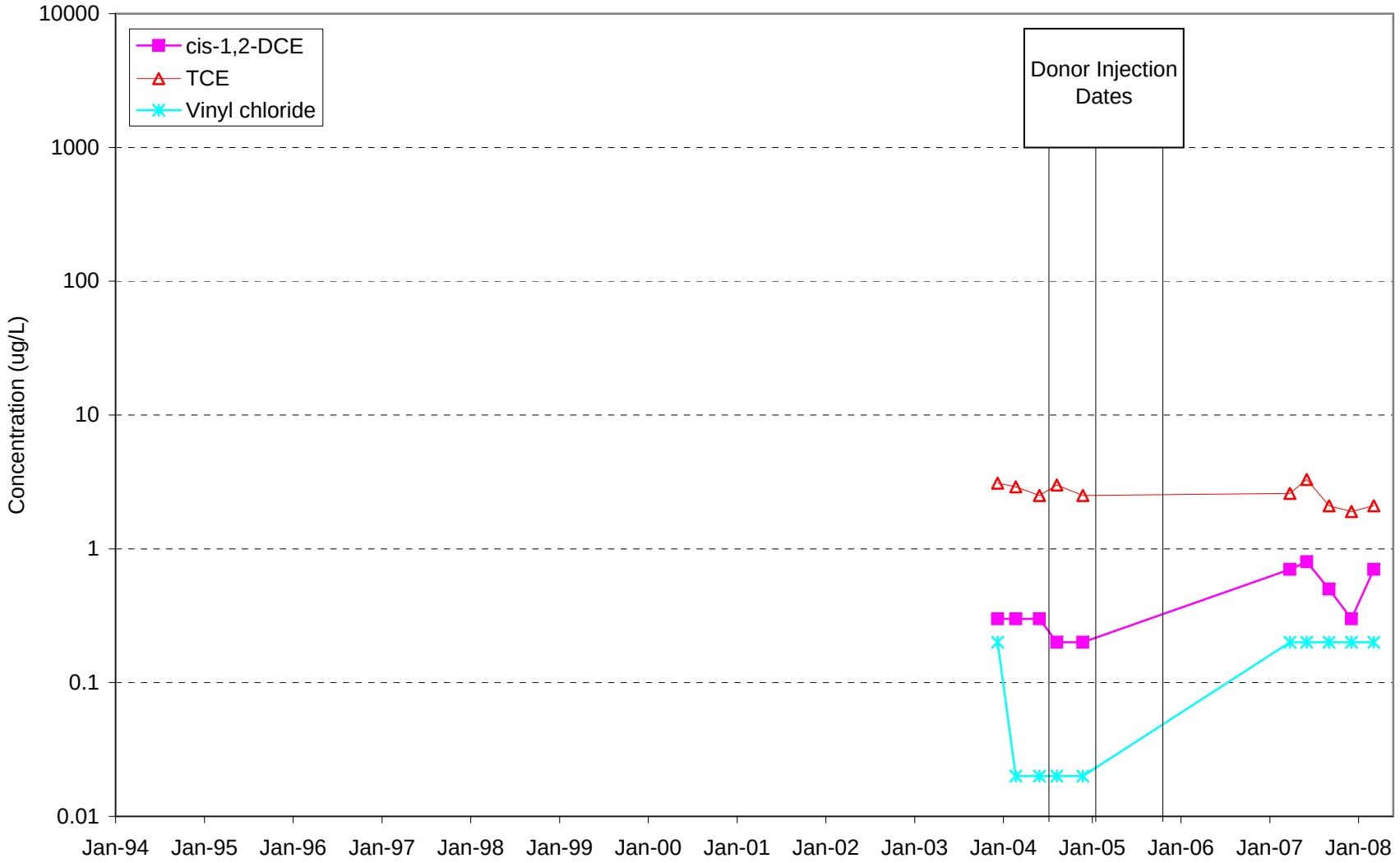
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

AGW072(I)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

AGW095(I)/AGW095R



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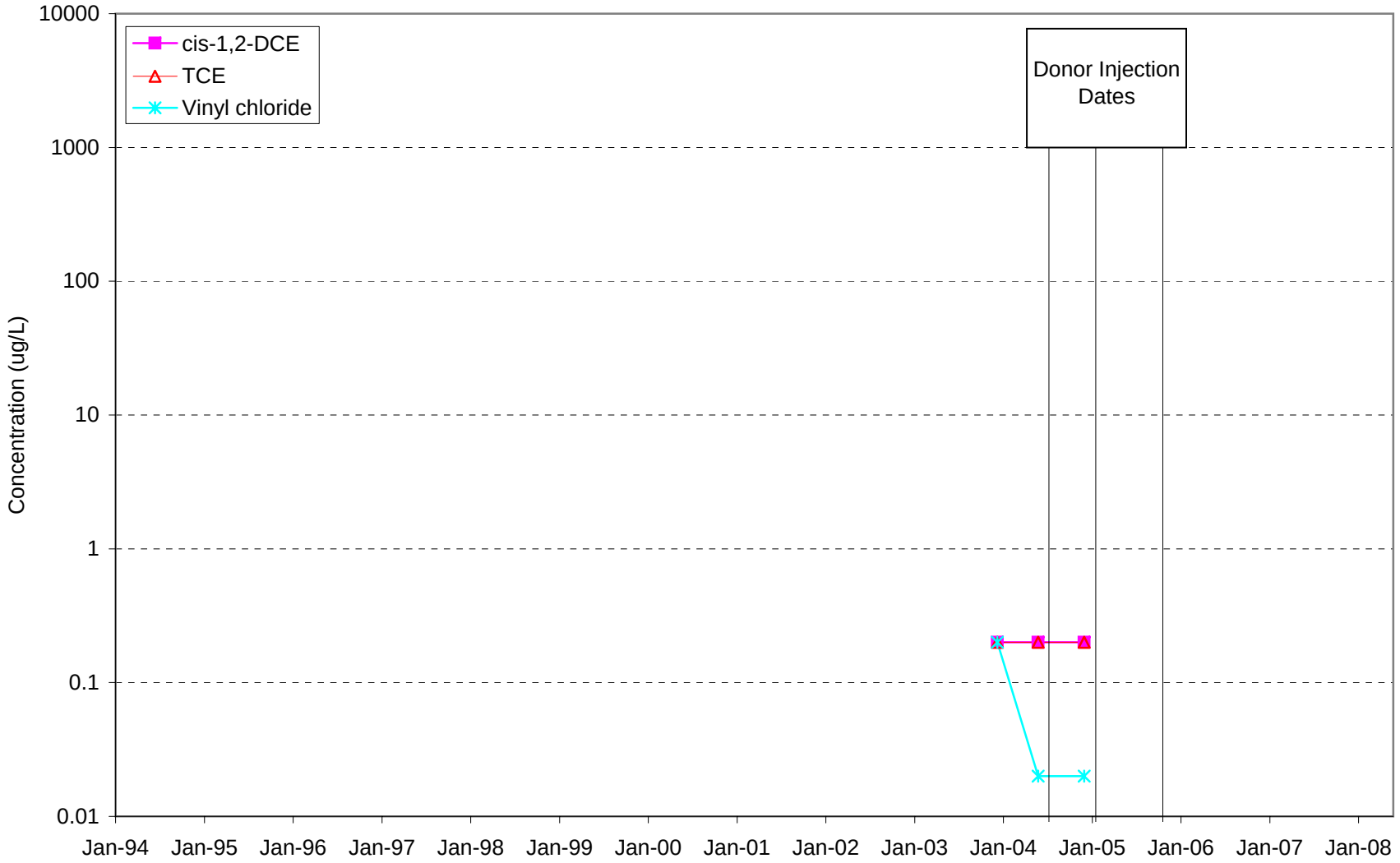
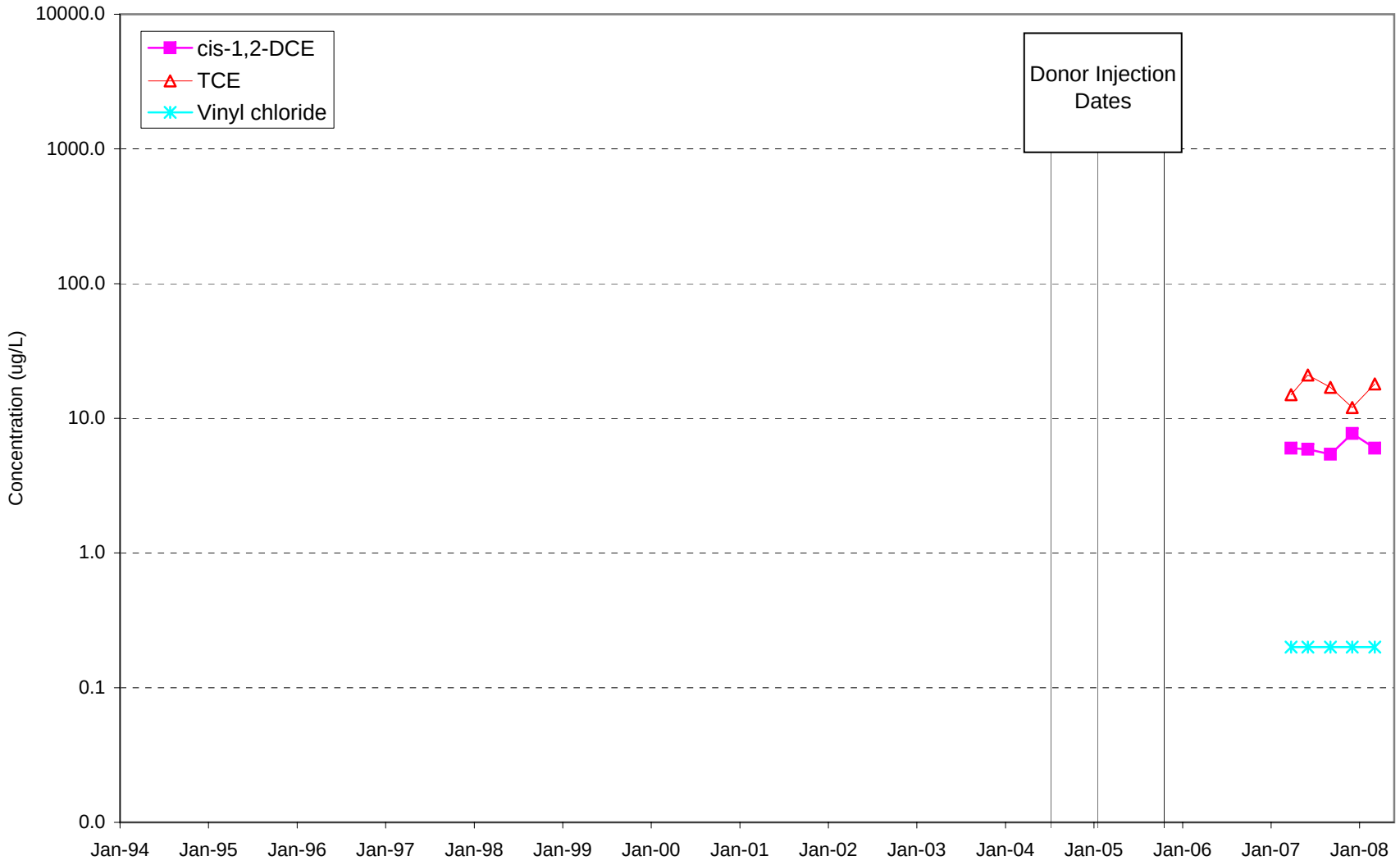
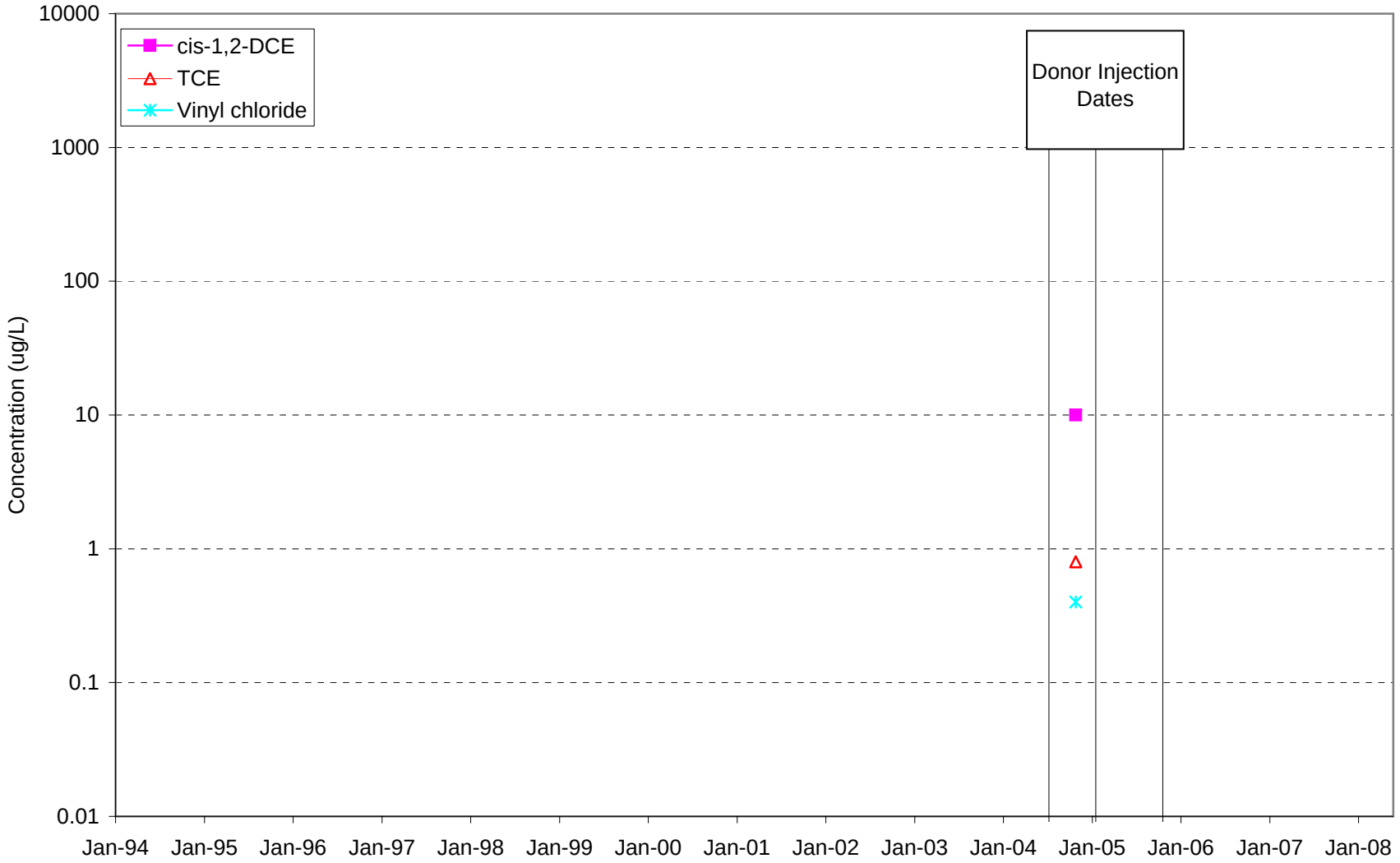

cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

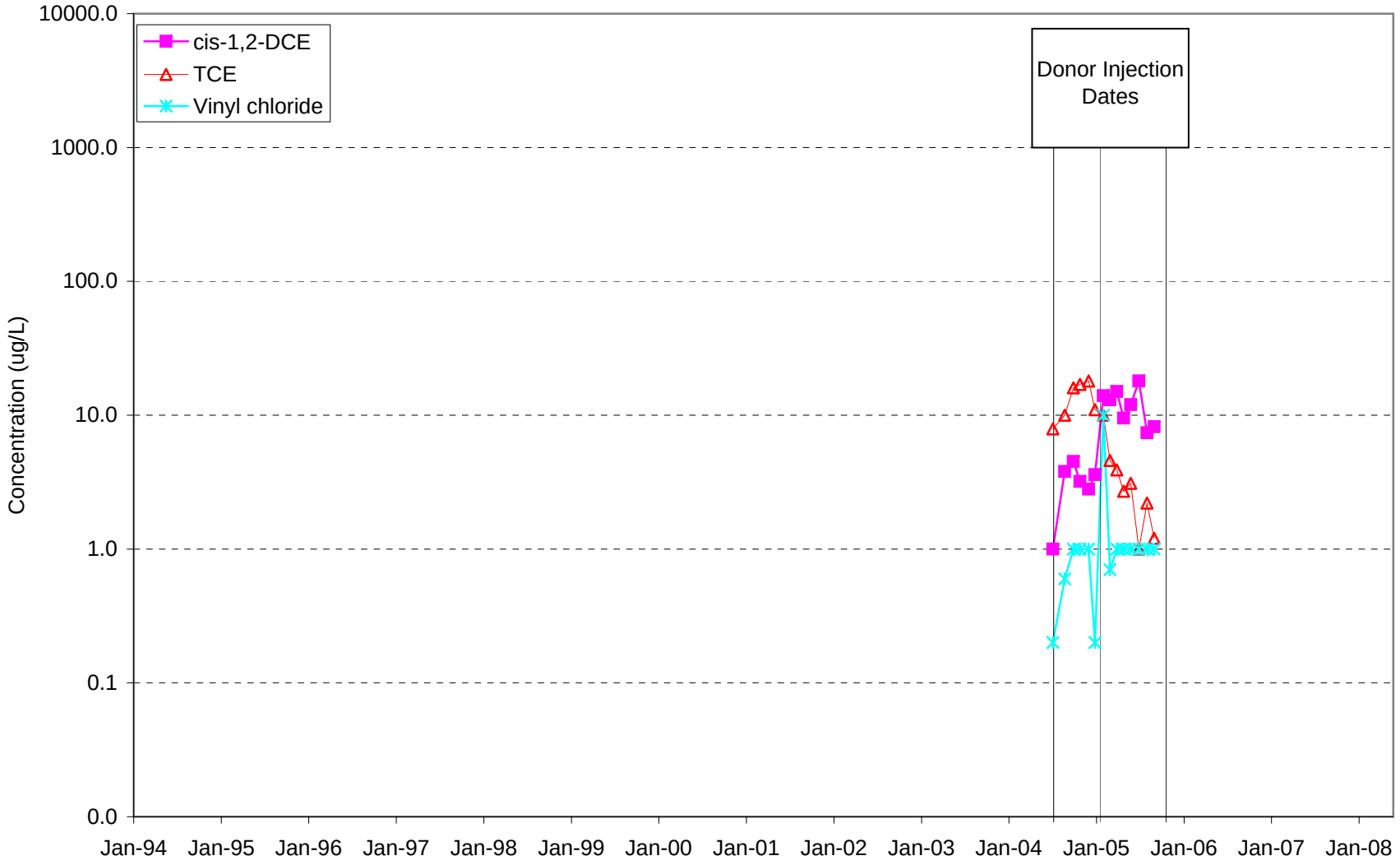
AGW126(I)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000.0
1000.0
100.0
10.0
1.0
0.1
0.0
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

IW31(I)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

IW5(I)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000.0
1000.0
100.0
10.0
1.0
0.1
0.0
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

APPENDIX E

Deep Well VOC Results

APPENDIX E

DEEP WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW008(D)				
AGW008(D)	12/12/1995	cis-1,2-Dichloroethene	1	U
AGW008(D)	03/27/1996	cis-1,2-Dichloroethene	1	U
AGW008(D)	06/19/1996	cis-1,2-Dichloroethene	1	U
AGW008(D)	10/03/1996	cis-1,2-Dichloroethene	1	U
AGW008(D)	12/18/1996	cis-1,2-Dichloroethene	1	U
AGW008(D)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW008(D)	12/22/2003	cis-1,2-Dichloroethene	0.2	U
AGW008(D)	12/12/1995	Trichloroethene	1	U
AGW008(D)	03/27/1996	Trichloroethene	1	U
AGW008(D)	06/19/1996	Trichloroethene	1	U
AGW008(D)	10/03/1996	Trichloroethene	1	U
AGW008(D)	12/18/1996	Trichloroethene	1	U
AGW008(D)	03/14/1997	Trichloroethene	1	U
AGW008(D)	12/22/2003	Trichloroethene	0.2	U
AGW008(D)	12/12/1995	Vinyl Chloride	2	U
AGW008(D)	03/27/1996	Vinyl Chloride	2	U
AGW008(D)	06/19/1996	Vinyl Chloride	2	U
AGW008(D)	10/03/1996	Vinyl Chloride	2	U
AGW008(D)	12/18/1996	Vinyl Chloride	2	U
AGW008(D)	03/14/1997	Vinyl Chloride	2	U
AGW008(D)	12/22/2003	Vinyl Chloride	0.2	U
AGW063(D)				
AGW063(D)	11/13/1996	cis-1,2-Dichloroethene	1	U
AGW063(D)	12/17/1996	cis-1,2-Dichloroethene	1	U
AGW063(D)	03/18/1997	cis-1,2-Dichloroethene	1	U
AGW063(D)	09/11/1997	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	03/25/1998	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	09/04/1998	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	02/18/1999	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	08/31/1999	cis-1,2-Dichloroethene	1	U
AGW063(D)	03/15/2000	cis-1,2-Dichloroethene	1	U
AGW063(D)	11/09/2000	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	05/22/2001	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	11/06/2001	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	05/21/2002	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	11/23/2002	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	05/23/2003	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	12/19/2003	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	06/14/2004	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	12/09/2004	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	11/13/1996	Trichloroethene	1	U
AGW063(D)	12/17/1996	Trichloroethene	1	U
AGW063(D)	03/18/1997	Trichloroethene	1	U
AGW063(D)	09/11/1997	Trichloroethene	0.2	U
AGW063(D)	03/25/1998	Trichloroethene	0.2	U
AGW063(D)	09/04/1998	Trichloroethene	0.2	U

DEEP WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW063(D)	02/18/1999	Trichloroethene	0.2	U
AGW063(D)	08/31/1999	Trichloroethene	1	U
AGW063(D)	03/15/2000	Trichloroethene	1	U
AGW063(D)	11/09/2000	Trichloroethene	0.2	U
AGW063(D)	05/22/2001	Trichloroethene	0.2	U
AGW063(D)	11/06/2001	Trichloroethene	0.2	U
AGW063(D)	05/21/2002	Trichloroethene	0.2	U
AGW063(D)	11/23/2002	Trichloroethene	0.2	U
AGW063(D)	05/23/2003	Trichloroethene	0.2	U
AGW063(D)	12/19/2003	Trichloroethene	0.2	U
AGW063(D)	06/14/2004	Trichloroethene	0.2	U
AGW063(D)	12/09/2004	Trichloroethene	0.2	U
AGW063(D)	11/13/1996	Vinyl Chloride	2	U
AGW063(D)	12/17/1996	Vinyl Chloride	2	U
AGW063(D)	03/18/1997	Vinyl Chloride	2	U
AGW063(D)	09/11/1997	Vinyl Chloride	0.2	U
AGW063(D)	03/25/1998	Vinyl Chloride	0.2	U
AGW063(D)	09/04/1998	Vinyl Chloride	0.2	U
AGW063(D)	02/18/1999	Vinyl Chloride	0.2	U
AGW063(D)	08/31/1999	Vinyl Chloride	1	U
AGW063(D)	03/15/2000	Vinyl Chloride	1	U
AGW063(D)	11/09/2000	Vinyl Chloride	0.2	U
AGW063(D)	05/22/2001	Vinyl Chloride	0.2	U
AGW063(D)	11/06/2001	Vinyl Chloride	0.2	U
AGW063(D)	05/21/2002	Vinyl Chloride	0.2	U
AGW063(D)	11/23/2002	Vinyl Chloride	0.2	U
AGW063(D)	05/23/2003	Vinyl Chloride	0.2	U
AGW063(D)	12/19/2003	Vinyl Chloride	0.2	U
AGW063(D)	06/14/2004	Vinyl Chloride	0.02	U
AGW063(D)	12/09/2004	Vinyl Chloride	0.02	U
AGW073(D)				
AGW073(D)	11/06/2000	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	05/18/2001	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	11/01/2001	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	05/17/2002	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	11/24/2002	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	05/19/2003	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	12/17/2003	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	03/02/2004	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	06/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	08/17/2004	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	12/03/2004	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	4/17/2006	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	4/2/2007	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	6/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	9/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	12/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	3/13/2008	cis-1,2-Dichloroethene	0.2	U

DEEP WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW073(D)	11/06/2000	Trichloroethene	0.8	
AGW073(D)	05/18/2001	Trichloroethene	0.9	
AGW073(D)	11/01/2001	Trichloroethene	0.9	
AGW073(D)	05/17/2002	Trichloroethene	0.8	
AGW073(D)	11/24/2002	Trichloroethene	0.9	
AGW073(D)	05/19/2003	Trichloroethene	0.8	
AGW073(D)	12/17/2003	Trichloroethene	0.8	
AGW073(D)	03/02/2004	Trichloroethene	0.7	
AGW073(D)	06/07/2004	Trichloroethene	0.8	
AGW073(D)	08/17/2004	Trichloroethene	0.8	
AGW073(D)	12/03/2004	Trichloroethene	0.7	
AGW073(D)	4/17/2006	Trichloroethene	0.5	
AGW073(D)	4/2/2007	Trichloroethene	0.3	
AGW073(D)	6/11/2007	Trichloroethene	0.4	
AGW073(D)	9/11/2007	Trichloroethene	0.5	
AGW073(D)	12/11/2007	Trichloroethene	0.3	
AGW073(D)	3/13/2008	Trichloroethene	0.4	
AGW073(D)	11/06/2000	Vinyl Chloride	0.2	U
AGW073(D)	05/18/2001	Vinyl Chloride	0.2	U
AGW073(D)	11/01/2001	Vinyl Chloride	0.2	U
AGW073(D)	05/17/2002	Vinyl Chloride	0.2	U
AGW073(D)	11/24/2002	Vinyl Chloride	0.2	U
AGW073(D)	05/19/2003	Vinyl Chloride	0.2	U
AGW073(D)	12/17/2003	Vinyl Chloride	0.2	U
AGW073(D)	03/02/2004	Vinyl Chloride	0.02	U
AGW073(D)	06/07/2004	Vinyl Chloride	0.02	U
AGW073(D)	08/17/2004	Vinyl Chloride	0.02	U
AGW073(D)	12/03/2004	Vinyl Chloride	0.02	U
AGW073(D)	4/17/2006	Vinyl Chloride	0.2	U
AGW073(D)	4/2/2007	Vinyl Chloride	0.2	U
AGW073(D)	6/11/2007	Vinyl Chloride	0.2	U
AGW073(D)	9/11/2007	Vinyl Chloride	0.2	U
AGW073(D)	12/11/2007	Vinyl Chloride	0.2	U
AGW073(D)	3/13/2008	Vinyl Chloride	0.2	U
AGW098(D)/AGW098R				
AGW098(D)	12/17/2003	cis-1,2-Dichloroethene	0.2	U
AGW098(D)	03/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW098(D)	06/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW098(D)	08/17/2004	cis-1,2-Dichloroethene	0.2	U
AGW098(D)	12/02/2004	cis-1,2-Dichloroethene	0.2	U
AGW098R	4/3/2007	cis-1,2-Dichloroethene	0.2	U
AGW098R	6/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW098R	9/11/2007	cis-1,2-Dichloroethene	0.2	U
AGW098R	12/12/2007	cis-1,2-Dichloroethene	0.2	U
AGW098R	3/13/2008	cis-1,2-Dichloroethene	0.2	U
AGW098(D)	12/17/2003	Trichloroethene	1.1	
AGW098(D)	03/01/2004	Trichloroethene	1.3	
AGW098(D)	06/07/2004	Trichloroethene	1.6	

DEEP WELL VOC RESULTS
BOEING AUBURN AREA 1

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW098(D)	08/17/2004	Trichloroethene	1.5	
AGW098(D)	12/02/2004	Trichloroethene	1.4	
AGW098R	4/3/2007	Trichloroethene	1.3	
AGW098R	6/11/2007	Trichloroethene	1.3	
AGW098R	9/11/2007	Trichloroethene	1.6	
AGW098R	12/12/2007	Trichloroethene	1.2	
AGW098R	3/13/2008	Trichloroethene	1.5	
AGW098(D)	12/17/2003	Vinyl Chloride	0.2	U
AGW098(D)	03/01/2004	Vinyl Chloride	0.02	U
AGW098(D)	06/07/2004	Vinyl Chloride	0.02	U
AGW098(D)	08/17/2004	Vinyl Chloride	0.02	U
AGW098(D)	12/02/2004	Vinyl Chloride	0.02	U
AGW098R	4/3/2007	Vinyl Chloride	0.2	U
AGW098R	6/11/2007	Vinyl Chloride	0.2	U
AGW098R	9/11/2007	Vinyl Chloride	0.2	U
AGW098R	12/12/2007	Vinyl Chloride	0.2	U
AGW098R	3/13/2008	Vinyl Chloride	0.2	U
AGW099(D)				
AGW099(D)	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW099(D)	06/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW099(D)	12/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW099(D)	12/16/2003	Trichloroethene	0.2	U
AGW099(D)	06/01/2004	Trichloroethene	0.2	U
AGW099(D)	12/16/2003	Vinyl Chloride	0.2	U
AGW099(D)	06/01/2004	Vinyl Chloride	0.02	U
AGW099(D)	12/07/2004	Vinyl Chloride	0.02	U

U = Not Detected at the Reporting Limit

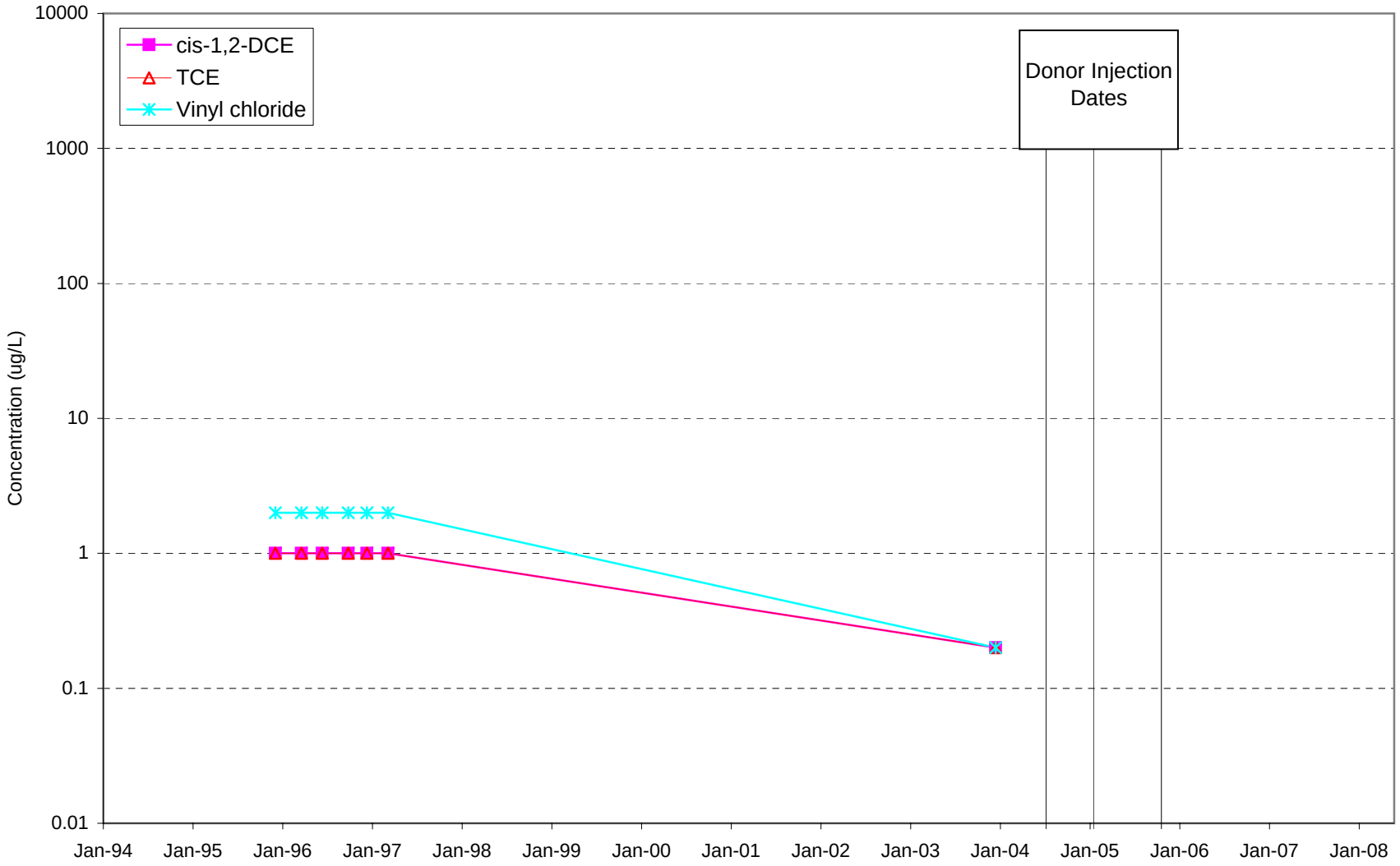
Notes:

All units are µg/L

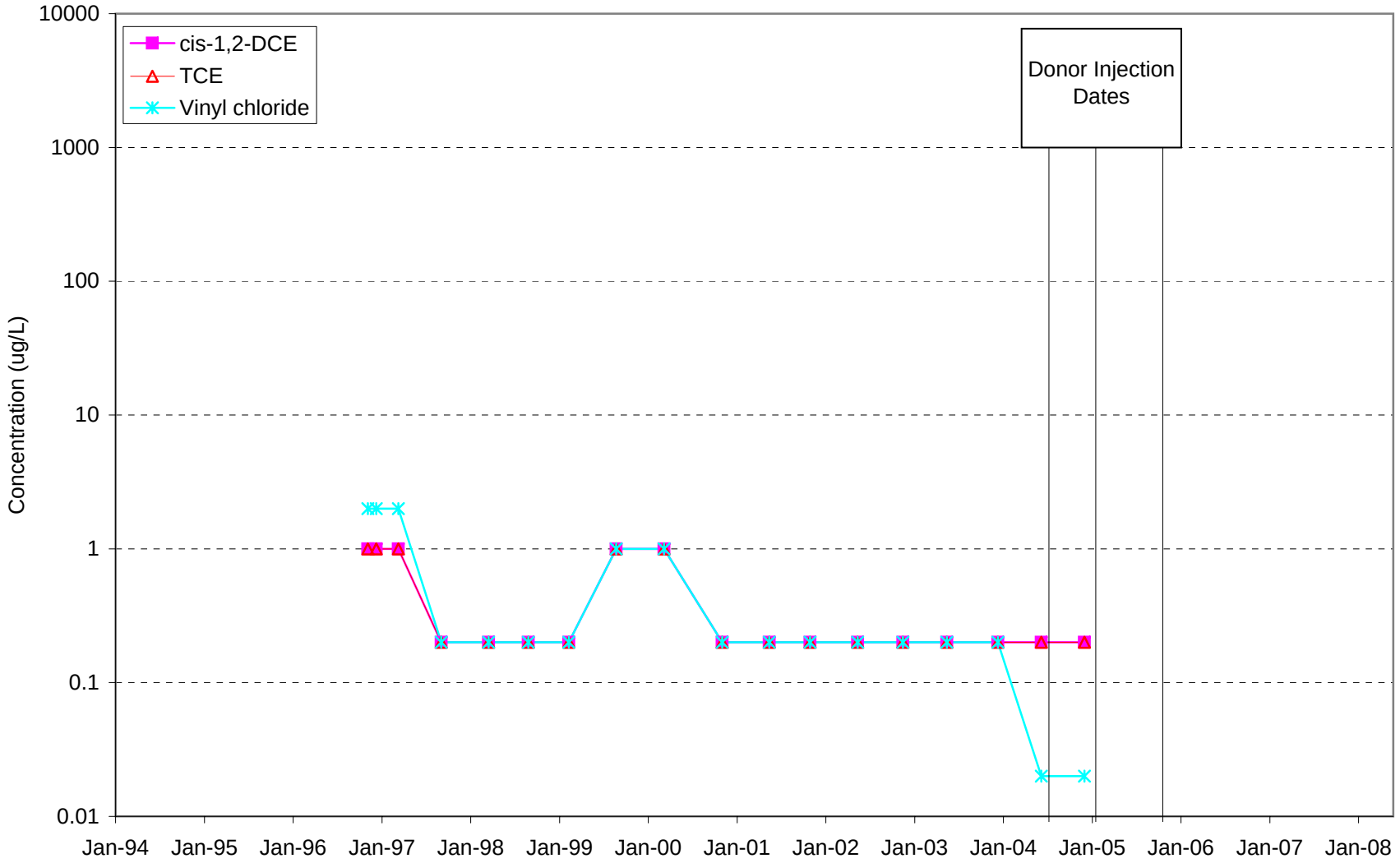
When vinyl chloride is reported by both VOC and VOCs: if both are detected, the higher of the detects is used; if both are not detected, lower RL is used; if one is detected and the other is not, then the detect is used.

Values for not detected plotted at reporting limit

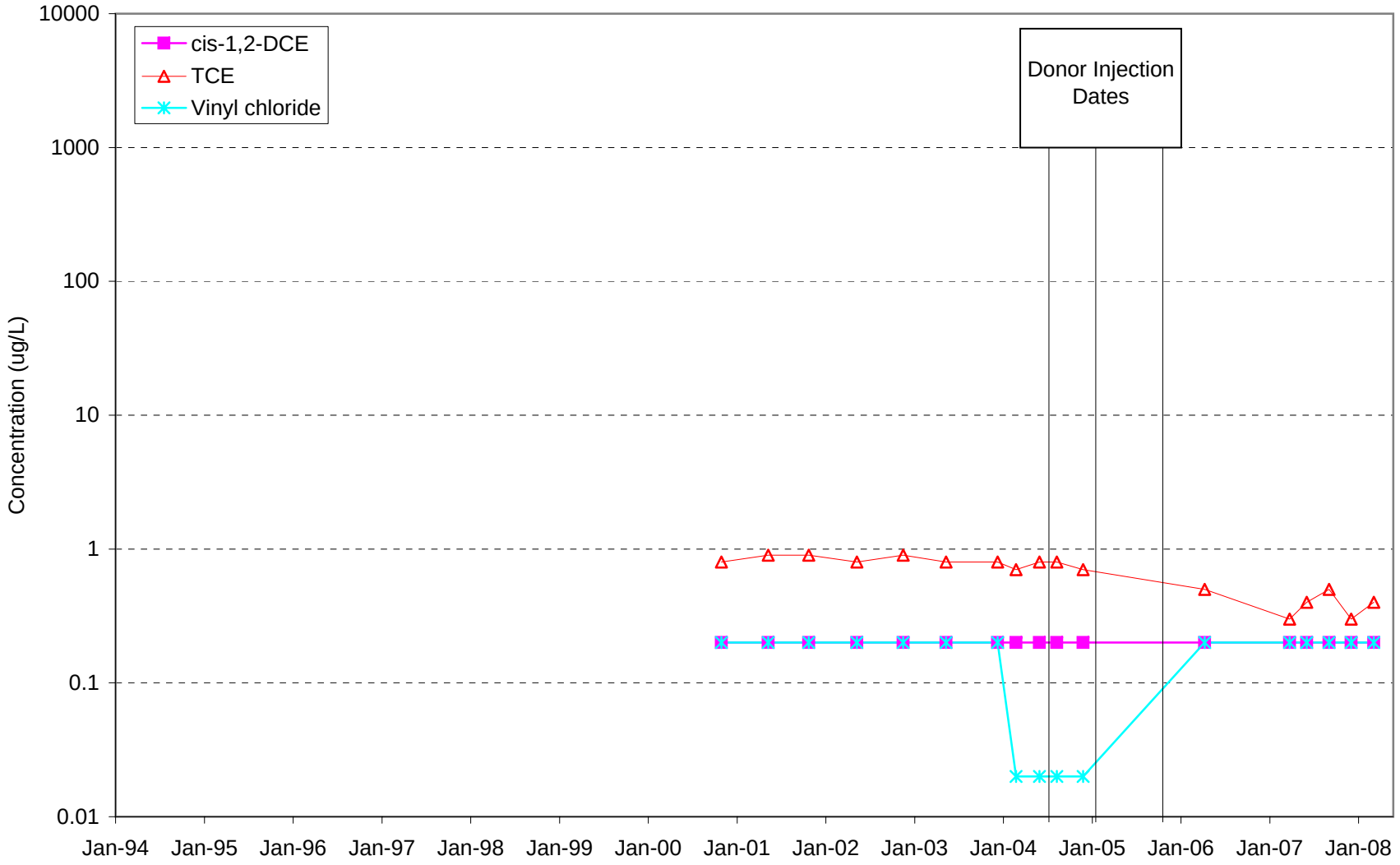
AGW008(D)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

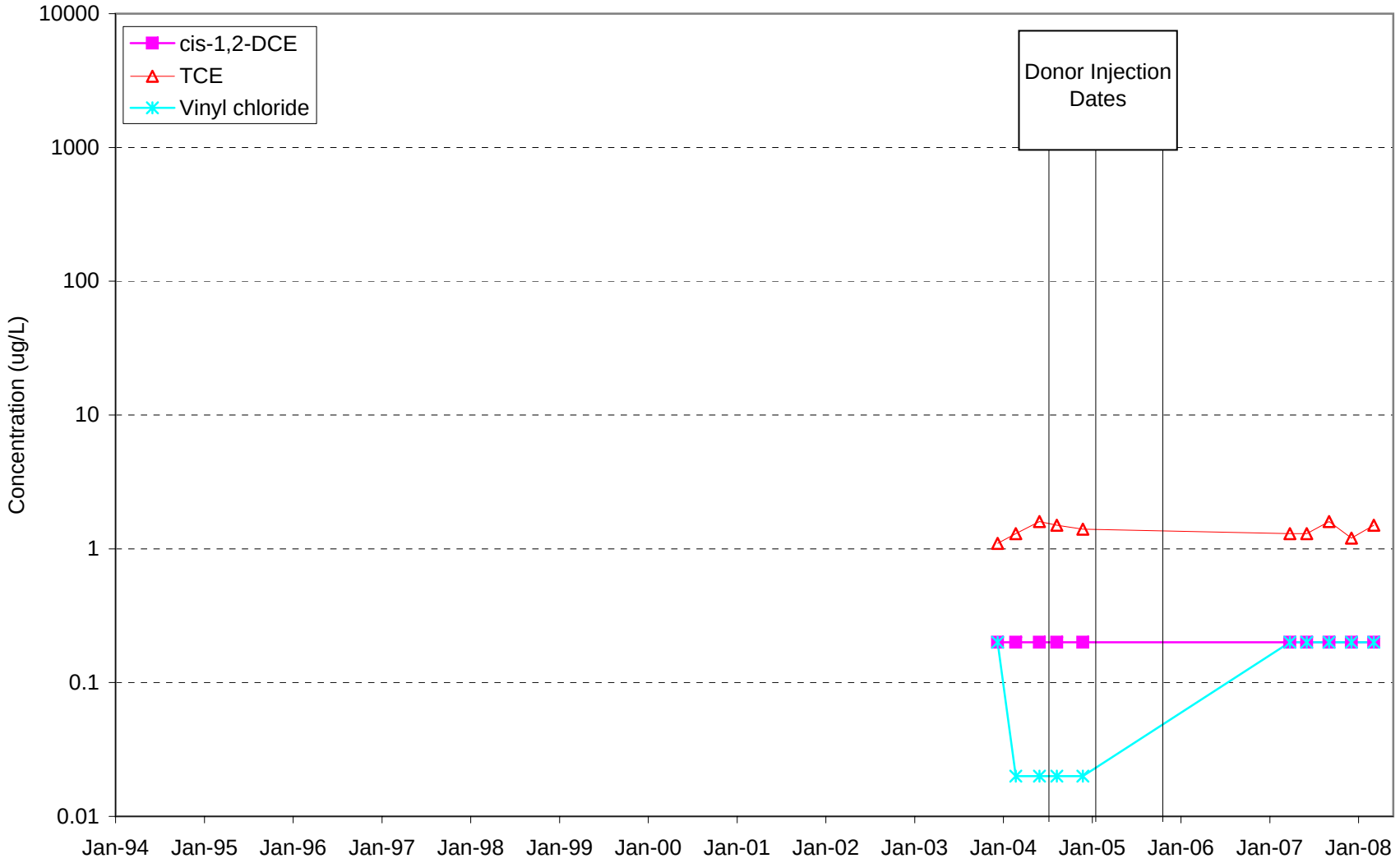
AGW063(D)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

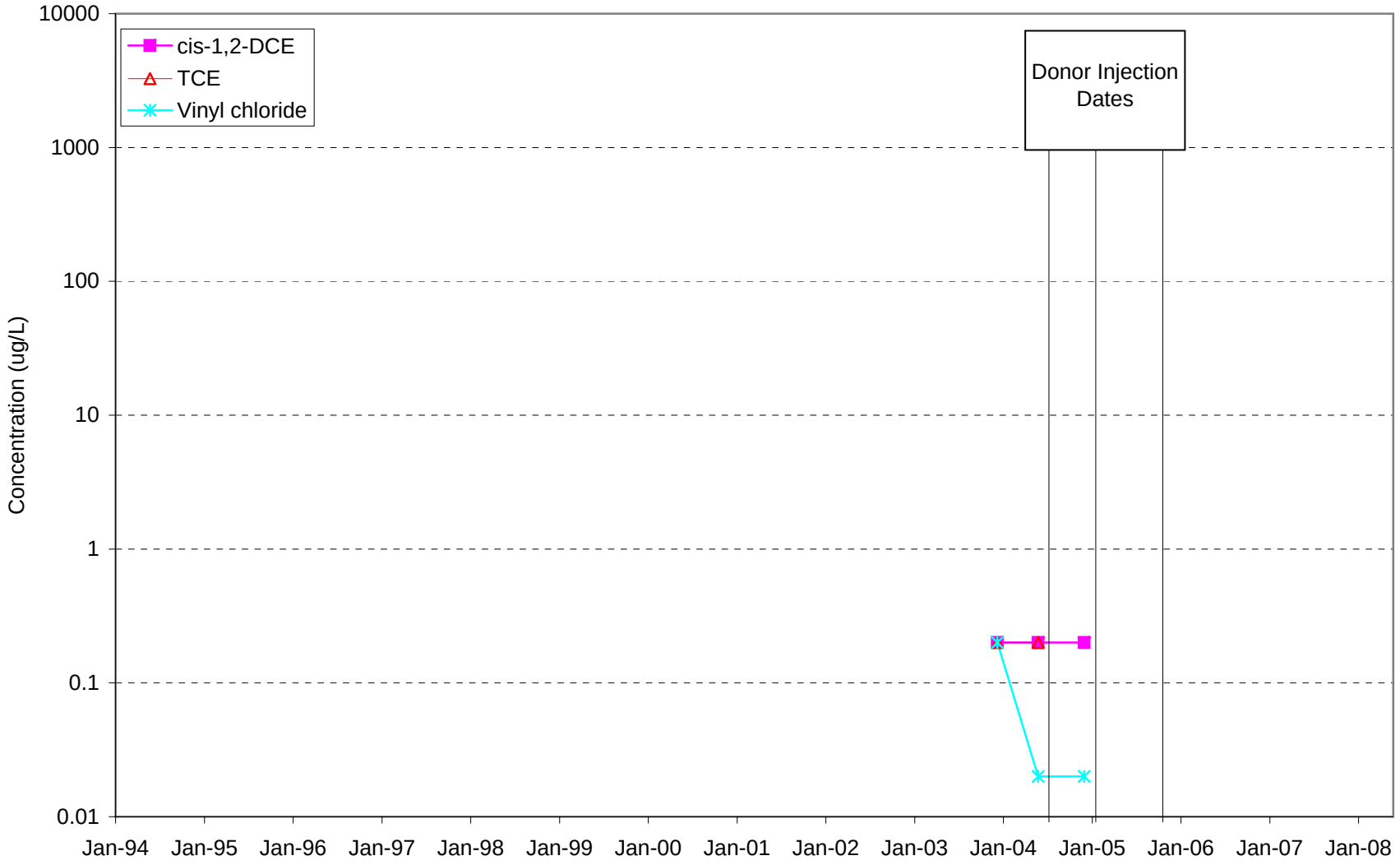
AGW073(D)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08

AGW098(D)/AGW098R



AGW099(D)


cis-1,2-DCE
TCE
Vinyl chloride
Donor Injection Dates
Concentration (ug/L)
10000
1000
100
10
1
0.1
0.01
Jan-94
Jan-95
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
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Jan-06
Jan-07
Jan-08