2006 1st QUARTER GROUNDWATER MONITORING REPORT

FORMER ANGELES CHEMICAL COMPANY FACILITY
8915 SORENSEN AVENUE SANTA FE SPRING, CALIFORNIA

Prepared and Submitted To:

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THE LEU GROUP
Protecting Your Quality of Life

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Former Angeles Chemical Co.
2006 First Quarter
Groundwater Monitoring Report

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1.0 INTRODUCTION

The Leu Group (TLG) was contracted by Greve Financial Services (GFS, (310) 753-5770) to perform quarterly groundwater monitoring at the former Angeles Chemical Company (ACC), Inc. facility located at 8915 Sorensen Avenue, Santa Fe Springs, California (See Figure 1, Site Location Map). The quarterly groundwater monitoring was requested by the Department of Toxics Substance Control (DTSC) correspondence dated September 18, 2001. This report presents the results of the 2006 1st quarter monitoring event performed on March 17, 2006.

2.0 SITE DESCRIPTION

The site is approximately 1.8 acres in size and completely fenced. The site is bounded by Sorensen Avenue on the east, Air Liquide Corporation to the north and northwest, Plastall Metals Corporation to the north, and a Southern Pacific Railroad easement and McKesson Chemical Company to the south.

The ACC operated as a chemical repackaging facility from 1976 to 2000. A total of thirty-four (34) underground storage tanks (USTs) existed beneath the site. Two (2) USTs, one gasoline and one diesel, and sixteen (16) chemical USTs were excavated and removed under the oversight of the Santa Fe Springs Fire Department. All 16 remaining chemical USTs were decommissioned in place and slurry-filled.

3.0 PREVIOUS SITE ASSESSMENT WORK

In January 1990, SCS Engineers, Inc. (SCS) conducted a site investigation and drilled eight borings from 5 feet below grade surface (bgs) to 50 feet bgs. Soil samples collected and analyzed contained benzene, 1,1-Dichloroethane (1,1-DCA), 1,1-Dichloroethene (1,1-DCE), 2-Butanone (MEK), methyl isobutyl ketone (MIBK), toluene, 1,1,1-Trichloroethane (1,1,1-TCA), Tetrachloroethylene (PCE), and xylenes at detectable concentrations.

In June 1990, SCS conducted an additional site investigation at the site by drilling six additional borings from 20.5 feet bgs to 60 feet bgs. A monitoring well (MW-1) was also installed. Soil matrix sample analyses revealed detectable concentrations of the above-mentioned volatile organic compounds (VOCs) as well as acetone and methylene chloride. Dissolved benzene, 1,1-DCA, 1,1-DCE, PCE, Trichloroethylene (TCE), and trans-1,2-dichloroethene (trans-1,2-DCE) were detected in MW-1 above maximum contaminant levels (MCLs).

Between 1993 and 1994, SCS conducted further testing at the site. Soil matrix samples were collected from nine borings. Five borings were converted to groundwater monitoring wells MW-2, MW-3, MW-4, MW-6, and MW-7. The predominant compounds detected in soil and groundwater were acetone, MEK, MIBK, chlorinated VOCs, and benzene, toluene, ethyl benzene, and xylenes (BTEX).

In 1996 and 1999, SCS conducted separate soil vapor extraction (SVE) pilot tests using several treatment technologies in extraction well E-1, which is screened from 7 feet bgs and 22 feet bgs. Laboratory analyses identified maximum soil vapor concentrations as 1,1,1-TCA (30,300 parts per million by volume, or ppmV) with detectable concentrations of 1,1-DCE, TCE, methylene chloride, toluene, PCE, and xylenes. The radius of influence was interpreted to be between 35 and 80 feet.

In November 1997, SCS conducted a soil vapor survey (SVS) at the site. Soil vapor samples were collected at twenty-three locations at 5 feet bgs. In addition, soil vapor samples were collected at 15 feet bgs in five of the twelve sampling points. The SVS identified maximum VOC concentrations near the railroad tracks located on the northern portion of the site.

Blakely Environmental Investigations, Inc. (BEII) conducted an SVS at the site from November 27 to December 1, 2000. A total of 36 soil vapor sample points, labeled SV1 through SV36, were selected by BEII and approved by the DTSC for analysis. Two discrete soil vapor samples were collected from each soil vapor sample point, one at 8 feet bgs and one at 20 feet bgs. SV1 was an exception since the first soil vapor sample was collected at 10 feet bgs instead of 8 feet bgs. Based on the soil vapor sample results, BEII identified relatively low level concentrations of VOCs in the silty clay soils at 8 feet bgs. However, the concentrations of VOCs are significantly higher in the sandy soils at 20 feet bgs. Results were submitted to the DTSC by BEII (*Report of Findings*, dated January 10, 2001, with laboratory reports).

BEII conducted an additional SVS on the ACC site from January 14- to January 17, 2002. The purpose of the SVS was to determine the lateral extent of VOC soil vapors in the vadose zone along the eastern, northern, and southern property lines of the site. In addition, BEII performed an SVS on June 13, 2002 on the Air Liquide property to determine the lateral extent of VOC soil vapors in the vadose zone north of the ACC facility. Based on the soil vapor survey results, BEII identified relatively low level concentrations of VOCs in the silty clay soils at 5-, 7-, 8-, 10-, and 12 feet bgs. However, the concentrations of VOCs are significantly higher in the sandy soils at 20 feet bgs, which are more permeable and conducive to soil vapor migration. Furthermore, VOC soil vapor concentrations were higher along the southern property line than along the east and north property line. Results were submitted to the DTSC by BEII (*Report of Findings*, October 15, 2002, with laboratory reports).

BEII drilled two soil borings (BSB-1 and BSB-2) and installed two groundwater monitoring wells (MW-8 and MW-9) on the ACC site from June 5 to June 7, 2002. The purpose of the drilling was to help define the lateral and vertical extent of impacted soil along the eastern ACC property line and to help determine the extent of impacted groundwater. Soil borings BSB-1 and BSB-2 were drilled to 50- and 30 feet bgs, respectively. Monitoring wells MW-8 and MW-9 were installed to 40.5- and 45.5 feet bgs, respectively. Soil sample results identified elevated VOC concentrations from monitoring well MW-8 at depth between 29- and 40 feet bgs. Results were submitted to the DTSC by BEII (ibid).

BEII drilled eight soil borings (BSB-3 through BSB-10) and eleven cone penetrometer tests (CPTs 1 through 11) in August 2002 to help determine the subsurface geology and extent of impacted soil. In November and December of 2002, BEII drilled seven additional borings (BSB-11 through BSB-17), fifteen additional CPTs (CPT-12 through 26), and installed twelve additional monitoring wells (MW-10 through MW-21) to help further define the subsurface

geology and the extent of VOC-impacted soil/groundwater. Monitoring well MW-1 was also abandoned. In late June of 2003, BEII installed five additional monitoring wells (MW-22 through MW-26) to help define the extent of VOC-impacted soil and groundwater. Monitoring wells MW-2, MW-3, and MW-7 were abandoned. Laboratory results were submitted by BEII to the DTSC. A *Summary Site Characterization Report*, dated February 2004, was submitted by Shaw Environmental & Infrastructure, Inc. (Shaw) to the DTSC and included interpretations based on the above- mentioned borings, CPT locations, and monitoring wells. See Figure 2 for Site Layout Map.

4.0 REGIONAL GEOLOGY/HYDROGEOLOGY

The site is located near the northern boundary of the Santa Fe Springs Plain within the Los Angeles Coastal Plain at an elevation of approximately 150 feet above mean sea level (msl). Surface sediments consist of fluvial deposits composed of inter-bedded gravel, sand, silt, and clay. Available data from California Water Resources Bulletin No. 104 (June 1961) indicate that the surface sediments may be Holocene and/or part of the upper Pleistocene Lakewood Formation, which ranges from 40- to 50 feet thick beneath the site. The Lakewood Formation has lateral lithologic changes with discontinuous permeable zones that vary in particle size. Stratified deposits of sand, silty sand, silt, and fine-grained gravel comprising the upper portion of the lower Pleistocene San Pedro Formation underlies the Lakewood Formation.

The site lies within the Central Basin Pressure area, a division of the Central Ground Water Basin, which extends over most of the Coastal Plain. The shallow (perched) groundwater occurs within the Lakewood Formation. The deeper groundwater occurs in the Hollydale aquifer, which is the uppermost regional aquifer in the Pleistocene San Pedro Formation. The major water-producing aquifers in the region are the Lynwood aquifer located approximately 200 feet bgs, the Silverado aquifer located at approximately 275 feet bgs, and the Sunnyside aquifer located at approximately 600 feet bgs.

5.0 SITE GEOLOGY/HYDROGEOLOGY

Based on the borings and CPT pushes, Shaw identified six distinct hydrostratigraphic units beneath the ACC site. Uppermost is an "overburden" unit comprised of a wide range of materials from fill to silty sands to clayey silts that is designated as "unit A". Next is a well-defined clean sand (sometimes with gravel) unit designated as "unit B". Following is a fine-grained predominantly silt zone designated as "unit C1" which is underlain by a coarser-grained silty sand zone named "unit D". Next is the finest-grained unit observed, "unit C2", which is predominantly a clayey silt that can be finer-grained (clay) at the top and coarser-grained (sandy silt) with depth. Finally, "unit E" is a clean coarse-grained sand (similar to unit B) that is considered the top of the regional aquifer system.

A perched water zone, which is currently dry, was identified within unit B. The regional aquifer zone from 50- to 80 feet bgs (referred as the A1 zone), is identified within unit E. A zone of saturation (referred as the "first water" zone) exists between the A1 and the perched water zone.

For this report, monitoring wells MW-13, -14, -15, -17, -20, and -21 will be referred to as 'upper A1 zone monitoring wells' and MW-23, -24, and -25 as 'lower A1 zone monitoring wells'.

Monitoring wells MW-4, -6, -8, -9, -10, -11, -12, -16, -18, -19, -22, and -26 will be noted as the 'first water zone monitoring wells'. Monitoring wells MW-4, and MW-6 had insufficient water for collection, and MW-25 was not accessible during this sampling event.

The groundwater gradient has historically been to the southwest, as interpreted by SCS. In March 2006, the first water was measured to be at depths between 26.5 and 37.45 feet bgs. A potentiometric groundwater contour map of the first water is included as Figure 3. Groundwater in the A1 zone was measured to be at depths between 33.99 and 41.13 feet bgs. A potentiometric groundwater contour map of the upper A1 zone water is included as Figure 4. Depths to groundwater and their respective elevations are presented in Table 1.

Hydrographs are included as Figures 5 through 8 in this report. Groundwater elevations of both the first water and A1 zone tend to be higher in June and lower in December, which suggests a seasonal recharge in both hydrologic zones. Groundwater levels generally declined from June 2003 to December 2004, interpreted as being due to limited rainfall, which supplies seasonal recharge. The most recent groundwater elevations measured in March 2006 coincide with seasonal changes with an increase in water elevations in all wells.

6.0 GROUNDWATER MONITORING PROTOCOL

The purpose of the current groundwater monitoring program is to provide data to the DTSC regarding the piezometric surface, water quality, and the presence of free product (FP), if any, on a quarterly basis. Groundwater monitoring consists of such activities as water level measurement, well sounding for detection of FP, collection of groundwater samples, field analysis, laboratory analysis, and reporting. The field work was performed as follows.

The depth to groundwater was measured in each well using a decontaminated water-level indicator capable of a measurement to within 1/100th of a foot. Prior to, and following, collection of measurements from each well, the portion of the water-level indicator entering groundwater was decontaminated using a 3-stage decontamination procedure consisting of a potable wash with water containing Liquinox soap followed by a double-purified water rinse. The depth to water was measured in all monitoring wells before any of the wells were purged. Wells were measured in the order of least- to the most contaminated based on past analyses. For the FACC wells, the following order of wells was followed: MW-26, -10, -11, -8, -9, -12, -22, -21, -19, -18, -16, -13, -14, -15, -17, -20, -4, and -6.

The well-box and casing were opened carefully to preclude debris or dirt from falling into the open casing. Once the well-cap was removed, the water-level indicator was lowered into the well until a consistent tone was registered. Several soundings were repeated to verify the measured depth to groundwater. The depth of groundwater was measured from a reference point marked on the lip of each well casing. A licensed surveyor has surveyed the elevation of each reference point. The depth of groundwater was recorded on the field sampling log for each well. Other relevant information such as physical condition of the well, presence of hydrocarbon odors, etc. was also recorded as appropriate on the field sampling log.

The well sounder used for this project was equipped to measure FP-layers thicker than 0.1 inches. FP was identified as 'light non-aqueous phase liquid' (LNAPL) or 'dense non-aqueous phase liquid' (DNAPL).

Groundwater purging was conducted immediately following the sounding of all monitoring wells. Groundwater samples were analyzed for the following constituents (new wells for Total Petroleum Hydrocarbons as gasoline (TPH-gas) and VOCs only):

- VOCs using EPA Method 8260B to include all Tentatively Identified Compounds (TICs).
- TPH-gas using EPA Method 8015 modified.
- Total dissolved solids (TDS) using EPA Method 160.1.
- Nitrates, chloride, sulfate, sulfide, ferrous iron, and manganese using EPA Methods 352.1, 325.3, 375.4, 376.1, 7380, and 7460, respectively.
- Alkalinity, carbonates, and bicarbonates using EPA Methods 310.1 and Standard Method 4500.
- Total organic carbon (TOC) and dissolved organic carbon (DOC) using EPA Method 415.1, and 9060.
- 1,4-Dioxane using EPA method 8270 (MW-8, -10, -12, -13, -14, -15, -17, -20).
- Ethylene using GC/FID.

6.1 Well Purging and Measurement of Field Parameters

Wells were purged in the above-mentioned order (see Section 5.0) to minimize the potential for cross-contamination. One equipment blank was collected daily to assess whether cross-contamination had occurred. The wells were purged and sampled by Blaine Tech Services, Inc. (Blaine) March 24, 2006. Snap Samplers™ were removed on the same day by CSI. The purge protocol is presented in the Field Sampling Plan (Appendix A) submitted to the DTSC in *Groundwater Monitoring Work Plan* (dated October 23, 2001).

Prior to purging, casing volumes were calculated based on total well depth, static water level, and casing diameter. One casing volume was calculated as:

$$V = \pi(d/2)^2 h \times 7.48$$

Where:

V is the volume of one well casing of water (in gallons, 1 ft^3 = 7.48 gallon);
d is the inner diameter of the well casing (in feet); and
h is the total depth of water in the well - the depth to water level (in feet).

A minimum of three casing volumes of water was purged from each well, except when the well was dewatered. Water was collected into a measured bucket to record the purge volume. All purged groundwater was containerized in 55-gallon hazardous waste drums for disposal at a later date. Well MW-26 was not purged due to insufficient water.

The pump was initially set at approximately 2 feet below the measured groundwater level in each well. The pump was lowered slowly as the groundwater receded. This ensured that fresh formation water was sampled from each well. Great care was used when deploying the pump to avoid touching the bottom of the well and when initiating the pump to minimize sediment

disturbances from purging within the well. A low pump rate of 1 gallon per minute (gpm) or less was used to prevent dewatering. Monitoring well MW-26 dewatered during this sampling event.

After each well casing volume was purged; water temperature, pH, specific conductance (EC), and turbidity were measured using field test meters and the measurements were recorded on Well Monitoring Data Sheets (See Appendix A). Samples were collected after these parameters have stabilized; indicating that representative formation water has entered the well. The temperature, pH, and specific conductance should not vary by more than 10 percent from reading to reading. Turbidity should be less then 5 NTUs, however, the purging process stirred up silty material in each well which made the turbidity measurements of 5 NTUs unattainable. Groundwater samples were collected after water levels recharged to 80 percent of the static water level. Notations of water quality including color, clarity, odors, sediment, etc. were also noted ~~in~~ on the data sheets.

All field meters were calibrated according to manufacturers' guidelines and specifications before and after each day of field use. Field meter probes were decontaminated before and after use at each well. The pH, conductivity, D.O., ORP, and temperature were measured with a YSI 556 and turbidity was measured with a HF Scientific DRT-15C meter. The calibration standards used for pH were 4, 7, and 9 with expiration dates of June 2006. Conductivity was calibrated to a 3900 µs standard which did not have an expiration date. A 0.02 NTU standard was used to calibrate the turbidity and did not have an expiration date.

6.2 Well Sampling

Groundwater samples were collected using three methods: disposable bailer, Rediflo 2™ pump, and Snap Samplers™. Monitoring wells MW-26 and -22 were sampled by lowering a separate disposable bailer into each well. Groundwater was transferred from the bailer directly into the appropriate sample containers with preservative, if required, chilled, and processed for shipment to the laboratory. When transferring samples, care was taken not to touch the bailer-emptying device to the sample containers. Snap Samplers™ were used to collect samples from MW-23, and -24. The remaining wells were sampled by Rediflo 2™ pump. Water samples were transported to Southland Technical Services, Inc., a laboratory certified by the California Department of Health Services (DOHS Cert. #1986), to perform the requested analysis.

Groundwater samples were collected in the following order: MW-22, -13, -20, -17, -9, -14, -8, -12, -14, -10, -11, -16, -15, and -26. Monitoring wells MW-4 and MW-6 had insufficient water for sampling.

The Snap Sampler™ is a groundwater sampling device that employs a double-opening 40 ml VOA vial. The vial seals under the water surface using a remote trigger. The trigger releases an internal, PFA Teflon-coated, stainless steel spring that seals PTFE or PFA Teflon end-caps onto the bottle. The end-caps are designed to seal the water sample within the VOA vial with no headspace vapor. Once the closed vial is retrieved from the well, the bottle is prepared with standard septa screw caps and a label. All critical actions take place submerged in the well, away from weather, surface contamination, and off-gassing loss. The vial can be used directly in standard laboratory auto-sampler equipment. The sample is never exposed to the open air from the well to the gas chromatograph. Analytical results for the Snap Samplers™ are included in Appendix B.

Vials for VOC and TPH analysis were filled first to minimize aeration of groundwater collected in the bailer. The laboratory provided vials containing sufficient HCl preservative to lower the pH to less than 2. The vials were filled directly from the bottom-emptying device. The vial was capped with a cap containing a Teflon septum. A blind duplicate sample for the laboratory was labeled as "MW-1" and was collected from monitoring well MW-11. Equipment blanks were collected every day. EB-1 was collected after purging MW-8. All vials were inverted and tapped to check for bubbles to insure zero headspace.

New nitrile gloves were worn during by sampling personnel for each well to prevent cross-contamination of the samples. A solvent-free label was affixed to each sample container/vial denoting the well identification, date and time of sampling, and an identifying code to distinguish each individual bottle.

6.3 Sample Handling

VOA vials, including laboratory trip blanks, were placed inside of one new Ziplock™ bag per well and stored in a cooler chilled to approximately 4°C with bagged ice. Water samples were logged on the chain-of-custody forms immediately following sampling of each well to insure proper tracking through analysis to the laboratory.

6.4 Waste Management

FP, purged groundwater, and decontamination water were stored in sealed 55-gallon drums for a period not to exceed 90 days. Stored wastes will be profiled for hazardous constituents and characterized as Non-Hazardous, California Hazardous, or RCRA Hazardous, as appropriate. Any transportation of waste will be under appropriate manifest.

7.0 FREE PRODUCT

FP was identified in monitoring wells MW-18, -19, and -21 at thicknesses of 0.01-, 0.05, and 0.01-feet, respectively. Each well that contains or has contained FP is tabulated as follows with the total amount of FP removed since each well was installed.

Well ID	Total FP Removed (liters)
• MW-4	0.04
• MW-6	15.165
• MW-8	26.49
• MW-10	14.751
• MW-16	0.93
• MW-18	208.022
• MW-19	40.923
• MW-21	1.558
TOTAL	**307.879**

Laboratory analysis of FP was performed in October 2001 from MW-6, in June 2002 from MW-6 and MW-8, in December 2003 from MW-16 and MW-19, in March 2004 from MW-10, MW-18 and MW-19, and in September 2004 from MW-8, MW-10, and MW-19. Laboratory

analysis results are presented in Table 2. Based on the results, the FP contained in MW-6 and MW-8 appears to be different from the FP contained in MW-10, MW-16, and MW-19 when comparing TPH-gas concentrations. Furthermore, the VOC analysis results indicate that FP from MW-10 and MW-18 were similar as compared to the FP from MW-19. Note in Table 2 that some high detection limits are due to the presence of other constituents in the sample that occur at very high concentration levels.

The results of historical FP removal from wells MW-1, -4, -6, -8, -10, -16, -18, -19, -21, and -22 are provided in Table 8.

8.0 GROUNDWATER SAMPLE RESULTS

Groundwater samples collected from the first water zone monitoring wells MW-9, -10, -11, and -12 in March 2006 contained dissolved TPH-gas at 1,960; 41,500; and 83 µg/L, respectively. See Table 3 and Figure 9 for dissolved TPH-gas concentrations. Graphs of dissolved contaminant concentrations over time are provided in Appendix B. Note that the previously high dissolved TPH-gas concentration from MW-11 has dropped by over 75%.

Groundwater samples collected from the upper A1 zone monitoring wells MW-13, -14, -15, and -20 in March 2006 contained TPH-gas ranging from 69 µg/L in MW-14 to 234 µg/L in MW-15. See Table 3 and Figure 10 for dissolved TPH-gas concentrations. Generally, contaminant graphs for the A1 zone show a slight increase in dissolved TPH-gas concentrations in most wells during the month of September, except for MW-14 which shows a decrease.

Concentrations of dissolved BTEX in the first water zone ranged from 20.272 µg/L in MW-26 to 44.2 µg/L in MW-9 (See Table 4 and Figure 9 for dissolved BTEX concentrations). Most of the total dissolved BTEX concentrations consist of toluene. Contaminant graphs for benzene and toluene are provided in Appendix B.

Dissolved BTEX in the upper A1 zone ranged between 12.2 µg/L in MW-15 to <5 µg/L in MW-13, -14, and -17 (See Tables 4 and 5 and Figure 10 for dissolved BTEX concentrations). Like the first water zone, the upper A1 zone contains mostly toluene as the total dissolved BTEX concentration. Contaminant graphs for benzene and toluene showed lower concentrations in most wells during the months of June and December. Maximum concentrations are identified in monitoring well MW-15 in June 2005 and MW-14 in September 2005. The lower A1 zone monitoring wells MW-23, -24, and -25 identified no detectable concentrations of dissolved BTEX.

Groundwater sample results from the first water zone identified high VOC concentrations as compared to the relatively low VOC concentrations in the A1 zone (See Tables 4 and 5).

Dissolved PCE was identified in the first water zone at a maximum concentration of 1,970 µg/L from MW-26. Dissolved TCE was identified at a maximum of 2,800 µg/L from MW-26 in the first water zone (See Figure 11). Dissolved contaminant graphs identified relatively consistent dissolved PCE and TCE concentrations from first water wells except for MW-26, where concentrations fluctuate greatly. Maximum concentrations of dissolved PCE and TCE in the upper A1 zone were determined to be 125 µg/L and 92.7 µg/L in MW-13, (See Figure 12).

The lower A1 zone contained maximum concentrations of dissolved PCE (139 µg/L in MW-23) and TCE (50.4 µg/L in MW-24). Wells in the upper and lower A1 zones exhibited a general increase in dissolved PCE and a decrease in dissolved TCE (See Appendix B).

Dissolved concentrations of 1,1,1-TCA in the first water zone were determined to be a maximum of 3,890 µg/L in MW-26 (See Figure 11). Contaminant graphs for the first water showed that in most wells with elevated dissolved 1,1,1-TCA (>100 µg/L), the maximum concentrations were detected during the month of December 2002 and most wells with low level dissolved 1,1,1-TCA (<100 µg/L) the maximum concentrations were detected in June 2003. Dissolved 1,1,1-TCA was not detected or "ND" <4 µg/L in MW-15 and <2 µg/L in any of the other wells sampled) in the A1 zone (See Figure 12). Graphs of dissolved 1,1,1-TCA over time in the A1 zone illustrate that June 2004 was the first date where concentrations were all below 14 µg/L. Only MW-21 and MW-23 have had concentrations above that level in September 2004 and December 2005, respectively.

Groundwater samples were also analyzed for 1,4-Dioxane, a preservative used in 1,1,1-TCA to prolong its shelf life. However, 1,4-Dioxane is more soluble in groundwater than 1,1,1-TCA and will often lead the dissolved 1,1,1-TCA plume. First water zone monitoring wells identified dissolved 1,4-Dioxane concentrations between <10,000 µg/L and <2 µg/L. A1 zone monitoring identified dissolved 1,4-Dioxane concentrations between <2 µg/L and <1 µg/L. Dissolved concentrations in most wells decreased over time until March 2005 when concentrations began increasing in MW-9, -14, and -16 (See Appendix B).

Concentrations of dissolved chlorinated VOC daughter products were relatively elevated compared to their respective parent VOCs identified above and also showed a trend of higher dissolved concentrations in the first water zone compared to the deeper A1 zone.

1,1-DCA is a daughter product from reductive dehalogenation of 1,1,1-TCA and from carbon-carbon double bond reduction of 1,1-DCE, another daughter product. Dissolved 1,1-DCA concentrations were identified between 41,300 µg/L (MW-11) and 1.5 µg/L (MW-12) in the first water zone (See Figure 11). An historic maximum concentration was identified in MW-11 during December 2004 (See Appendix B). Dissolved 1,1-DCA concentrations in the upper A1 zone ranged between 50.3 µg/L (MW-15) and <1 µg/L (MW-17, See Figure 12). Dissolved 1,1-DCA concentrations identified in the lower A1 zone were between 7.2 µg/L (MW-24) and <1 µg/L (MW-23). Most wells in the A1 zone identified a slight increase or stable levels of dissolved 1,1-DCA concentrations since the previous event.

Dissolved 1,1-DCE, a daughter product of the dehydrohalogenation of 1,1,1-TCA and reductive dehalogenation of TCE, was identified at concentrations ranging from 9,050 µg/L (MW-26) to <2 µg/L (MW-20) in the first water zone (See Figure 11). Historically, dissolved concentrations of 1,1-DCE fluctuate with no observable pattern (See Appendix B). Dissolved 1,1-DCE concentrations in the upper A1 zone ranged between 120 µg/L (MW-15) and <2 µg/L (MW-20, See Figure 12). Concentrations of detected dissolved 1,1-DCE were identified at a maximum of 56.6 µg/L (MW-24) in the lower A1 zone from MW-23. The A1 zone showed overall elevated dissolved 1,1-DCE concentrations in March 2006.

Cis-1,2 DCE is also a daughter product of the dehydrohalogenation of 1,1,1-TCA and reductive dehalogenation of TCE. Concentrations of dissolved cis-1,2-DCE were identified between 12,800 µg/L (in MW-11) and <2 µg/L (MW-12) in the first water zone (See Figure 11). Historically, dissolved concentrations of cis-1,2-DCE fluctuate with no observable pattern (See Appendix B). Dissolved cis-1,2-DCE concentrations in the upper A1 zone ranged from 3.4 µg/L (MW-17) to a maximum of 187 µg/L identified from MW-15 (See Figure 12). The lower A1 zone contained dissolved cis-1,2-DCE at a maximum of 16.5 µg/L from MW-24.

Vinyl chloride (VC) is a by-product from the dehydrohalogenation and reductive dehalogenation of the chlorinated VOC daughter products mentioned above. Similar to the other VOCs, concentrations of dissolved VC were at lower concentrations in the lower A1 zone than in the first water zone. Dissolved VC concentrations were identified between 2,270 µg/L (in MW-11) and 1.0 µg/L (MW-12) in the first water zone (See Figure 11). An increase in VC in the first water zone was observed over time in MW-11 through December 2004 (See Appendix B). Dissolved VC concentrations in the upper A1 zone ranged from 23.7 µg/L (MW-15) to <1 µg/L (MW-13, -17, and -20, See Figure 12). Dissolved VC was ND in the lower A1 zone. The A1 zone wells showed fluctuations of dissolved VC concentrations with no discernable pattern.

Dissolved methylene chloride was identified in the first water zone at concentrations between 5,960 µg/L (in MW-26) and <2 µg/L (MW-12, See Figure 11). Methylene chloride was ND (<4 in MW-15 and <2 µg/L in all other wells) in the upper and lower A1 zone monitoring wells sampled (See Figure 12).

Dissolved acetone was identified in first water zone monitoring well MW-26 at a concentration of 6,870 µg/L. Dissolved MEK concentrations ranged from 781 µg/L (in MW-26) to <5 µg/L (MW-12) in first water wells (See Figure 13). No detectable concentrations of acetone or MEK were identified above method detection limit in either the upper or lower A1 zones (See Figure 14). Historically, dissolved concentrations of acetone and MEK fluctuate with no observable pattern (See Appendix B).

Detectable concentrations of dissolved MIBK were identified at 686 µg/L (MW-26) in the first water wells sampled this quarter (See Figure 13). No detectable concentrations were identified in any upper and lower A1 zone monitoring wells sampled (See Figure 14).

All groundwater laboratory analytical reports for this quarterly groundwater monitoring episode are included as Appendix C.

Data pertaining to general minerals has been colleted from First Water and Upper A1 Zone wells since December 2003. These data are presented in Table 6.

9.0 CONCLUSIONS

Based on groundwater elevation data, TLG concludes that seasonal changes affect both the first water and both upper and lower A1 zones. In general, all three groundwater zones show a period of discharge during winter and a period of recharge during summer months.

Based on the recent groundwater sample results, TLG concludes that the site is impacted by LNAPL in the first water and upper A1 zones and dissolved VOCs in the first water and both A1 zones. LNAPL was identified in two first water monitoring wells (MW-18 and MW-19) and as a sheen in upper A1 zone well MW-21. Elevated dissolved phase VOCs were identified in first water monitoring wells MW-8, -9, -10, -11, -16, -22, and -26. Dissolved VOC concentrations, however, were detected at higher concentrations in the first water zone by an order of magnitude as compared to either A1 zone.

TLG also concludes that the recent groundwater sampling data provide preliminary support that the site has potential for intrinsic biodegradation. Dissolved parent VOC (PCE, TCE, and 1,1,1-TCA) concentrations were identified at concentrations less than 500 µg/L, except in MW-10 and MW-26 where concentrations were above 500 µg/L, but were lower than the June 2005 concentrations. Daughter VOC constituents such as 1,1-DCA, 1,1-DCE, cis-1,2-DCE, and VC were detected at dissolved concentrations of up to 34,100 µg/L. The low parent VOC concentration to high daughter VOC concentration ratio is a preliminary indicator of intrinsic biodegradation.

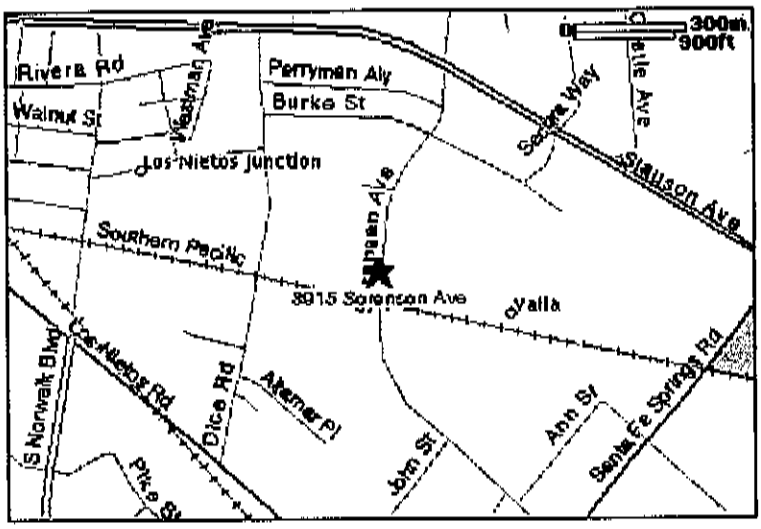
10.0 RECOMMENDATIONS

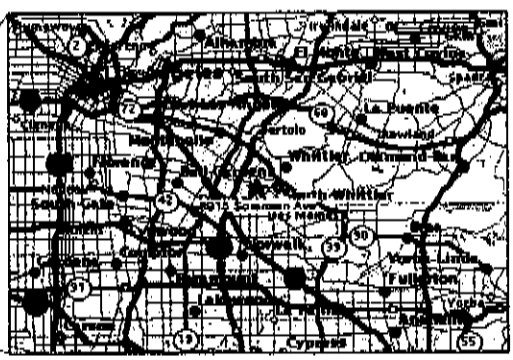
TLG recommends the following:

- Continued quarterly groundwater monitoring for VOCs and TPH-gas
- Continued free product removal on a monthly basis

FIGURES

ANCHEM1691

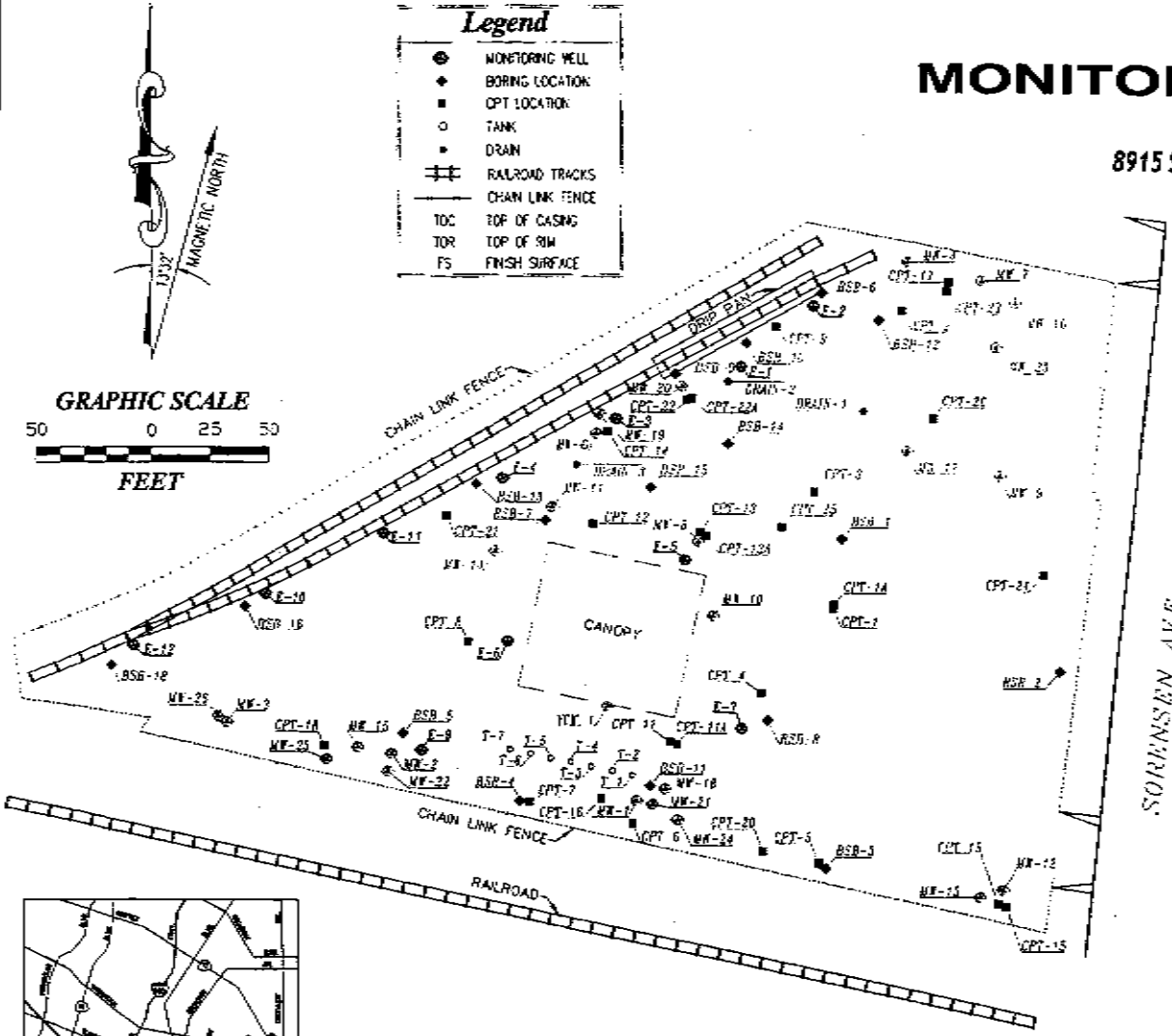




Clean Soil, Inc.	Site Location Map	FIGURE
	Former Angeles Chemical Company 8915 Sorensen Ave., Santa Fe Springs, CA 90670	1

FIGURE 2
MONITORING WELL LOCATIONS

FORMER ANGELES CHEMICAL CO.
8915 SORENSEN AVENUE, SANTA FE SPRINGS, CA 90670



MONITORING WELLS						
WELL	NORTH	EAST	TOC (ELEVATION)	TOR (ELEVATION)	FS (ELEVATION)	MS (ELEVATION)
MW-1	[illegible]	[illegible]	[illegible]	150.25	150.19	
MW-2	[illegible]	[illegible]	[illegible]		150.13	
MW-3	[illegible]	[illegible]	150.42	150.62	150.62	
MW-4	[illegible]	[illegible]	150.79	151.30	151.32	
MW-5	[illegible]	[illegible]	146.37	146.67	149.79	
MW-6	[illegible]	[illegible]	149.39	149.37		149.56
MW-7	[illegible]	[illegible]	149.62	149.94	149.96	
MW-8	[illegible]	[illegible]	149.65	150.00	149.97	
MW-9	[illegible]	[illegible]	149.15	149.42	149.36	
MW-10	[illegible]	[illegible]	149.41	149.97		149.39
MW-11	[illegible]	[illegible]	149.12	149.67		149.41
MW-12	[illegible]	[illegible]	150.48	150.40	150.40	
MW-13	[illegible]	[illegible]	150.22	150.54	150.47	
MW-14	[illegible]	[illegible]	150.08	151.01	150.89	
MW-15	[illegible]	[illegible]	150.00	150.04	150.06	
MW-16	[illegible]	[illegible]	149.32	149.75	149.86	
MW-17	[illegible]	[illegible]	149.05	149.37	149.32	
MW-18	[illegible]	[illegible]	149.63	150.28		150.05
MW-19	[illegible]	[illegible]	149.34	149.61		149.64
MW-20	[illegible]	[illegible]	149.14	149.58	149.22	
MW-21	[illegible]	[illegible]	150.02	150.31	150.25	

NOTE:
MW-: ABANDONED

CPT LOCATION			
CPT	NORTH	EAST	ELEVATION
CPT-1	[illegible]	[illegible]	149.32
CPT-1A	[illegible]	[illegible]	149.32
CPT-2	[illegible]	[illegible]	149.62
CPT-3	[illegible]	[illegible]	149.71
CPT-4	[illegible]	[illegible]	149.52
CPT-5	[illegible]	[illegible]	150.28
CPT-6	[illegible]	[illegible]	150.41
CPT-7	[illegible]	[illegible]	150.40
CPT-8	[illegible]	[illegible]	150.56
CPT-9	[illegible]	[illegible]	149.49
CPT-11	[illegible]	[illegible]	150.04
CPT-11A	[illegible]	[illegible]	150.03
CPT-12	[illegible]	[illegible]	149.63
CPT-13	[illegible]	[illegible]	149.86
CPT-13A	[illegible]	[illegible]	149.88
CPT-14	[illegible]	[illegible]	149.46
CPT-15	[illegible]	[illegible]	150.05
CPT-16	[illegible]	[illegible]	150.36
CPT-17	[illegible]	[illegible]	149.81
CPT-18	[illegible]	[illegible]	150.07
CPT-19	[illegible]	[illegible]	150.05
CPT-20	[illegible]	[illegible]	150.47
CPT-21	[illegible]	[illegible]	150.13
CPT-22	[illegible]	[illegible]	149.29
CPT-22A	[illegible]	[illegible]	149.05
CPT-23	[illegible]	[illegible]	149.81
CPT-24	[illegible]	[illegible]	150.32
CPT-25	[illegible]	[illegible]	149.53
CPT-26	[illegible]	[illegible]	149.81

BORING LOCATION			
BORING	NORTH	EAST	ELEVATION
BSB-1	[illegible]	[illegible]	149.39
BSB-2	[illegible]	[illegible]	149.00
BSB-3	[illegible]	[illegible]	150.47
BSB-4	[illegible]	[illegible]	149.53
BSB-5	[illegible]	[illegible]	150.06
BSB-6	[illegible]	[illegible]	150.04
BSB-7	[illegible]	[illegible]	149.42
BSB-8	[illegible]	[illegible]	149.32
BSB-9	[illegible]	[illegible]	149.72
BSB-10	[illegible]	[illegible]	149.47
BSB-11	[illegible]	[illegible]	150.11
BSB-12	[illegible]	[illegible]	149.75
BSB-13	[illegible]	[illegible]	149.88
BSB-14	[illegible]	[illegible]	149.55
BSB-15	[illegible]	[illegible]	149.54
BSB-16	[illegible]	[illegible]	150.00

TANK LOCATION			
TANK	NORTH	EAST	ELEVATION
T-1	[illegible]	[illegible]	150.27
T-2	[illegible]	[illegible]	150.53
T-3	[illegible]	[illegible]	150.56
T-4	[illegible]	[illegible]	150.40
T-5	[illegible]	[illegible]	150.07
T-6	[illegible]	[illegible]	150.36
T-7	[illegible]	[illegible]	150.05

DRAIN LOCATION			
DRAIN	NORTH	EAST	ELEVATION
DRAIN-1	[illegible]	[illegible]	149.13
DRAIN-2	[illegible]	[illegible]	149.03
DRAIN-3	[illegible]	[illegible]	149.00

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Exp. 6-30-04
STATE OF CALIFORNIA

SURVEYED: MAY 27, 2003

MONITORING WELLS				
WELL	NORTH	EAST	TOC (ELEVATION)	TOR (ELEVATION)
E-1	[illegible]	[illegible]	149.69	149.17
E-2	[illegible]	[illegible]	149.79	149.3
E-3	[illegible]	[illegible]	149.15	149.45
E-4	[illegible]	[illegible]	149.13	149.55
E-5	[illegible]	[illegible]	149.54	149.69
E-6	[illegible]	[illegible]	150.09	150.33
E-7	[illegible]	[illegible]	149.61	149.65
E-8	[illegible]	[illegible]	149.71	150.01
E-9	[illegible]	[illegible]	150.11	150.01
E-10	[illegible]	[illegible]	149.84	149.66
E-11	[illegible]	[illegible]	149.01	149.01
E-12	[illegible]	[illegible]	149.25	150.07

SURVEYED: JULY 25, 2003

MONITORING WELLS					
WELL	NORTH	EAST	TOC (ELEVATION)	TOR (ELEVATION)	FS (ELEVATION)
MW-32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SURVEYED: JULY 25, 2003

BORING LOCATION			
BORING	NORTH	EAST	ELEVATION
BSB-18	[illegible]	[illegible]	[illegible]

DATES OF SURVEY
DECEMBER 18, 2002
MAY 27, 2003
JULY 25, 2003

BENCH MARK
THE ELEVATIONS SHOWN HEREON ARE BASED UPON THE CITY OF LOS ANGELES BENCH MARK No. D70236, ELEVATION = 118.5828 (NAVD88)

COORDINATES
THE COORDINATES SHOWN HEREON ARE BASED UPON THE STATE PLANE COORDINATE SYSTEM (NAD83), CALIFORNIA ZONE V, BASED UPON STATIC GPS OBSERVATION, HOLDING NGS POINT NO. D70236

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BLAKELY ENVIRONMENTAL INVESTIGATIONS
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RANCHO CUCAMONGA, CA 91730
(909) 989-9550 Phone
(909) 989-9554 Fax

NO.	DATE	REVISIONS	BY
0	12-23-02	SUBMITTAL	DG
1	05-30-03	ADD WELLS E-1-E-7,E-9,E-11,E-12 BK	
2	07-25-03	ADD MW-22 THROUGH MW-28 & BSB-18 DG	

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JOB NO. 02-06-A1
SHEET 1 OF 1

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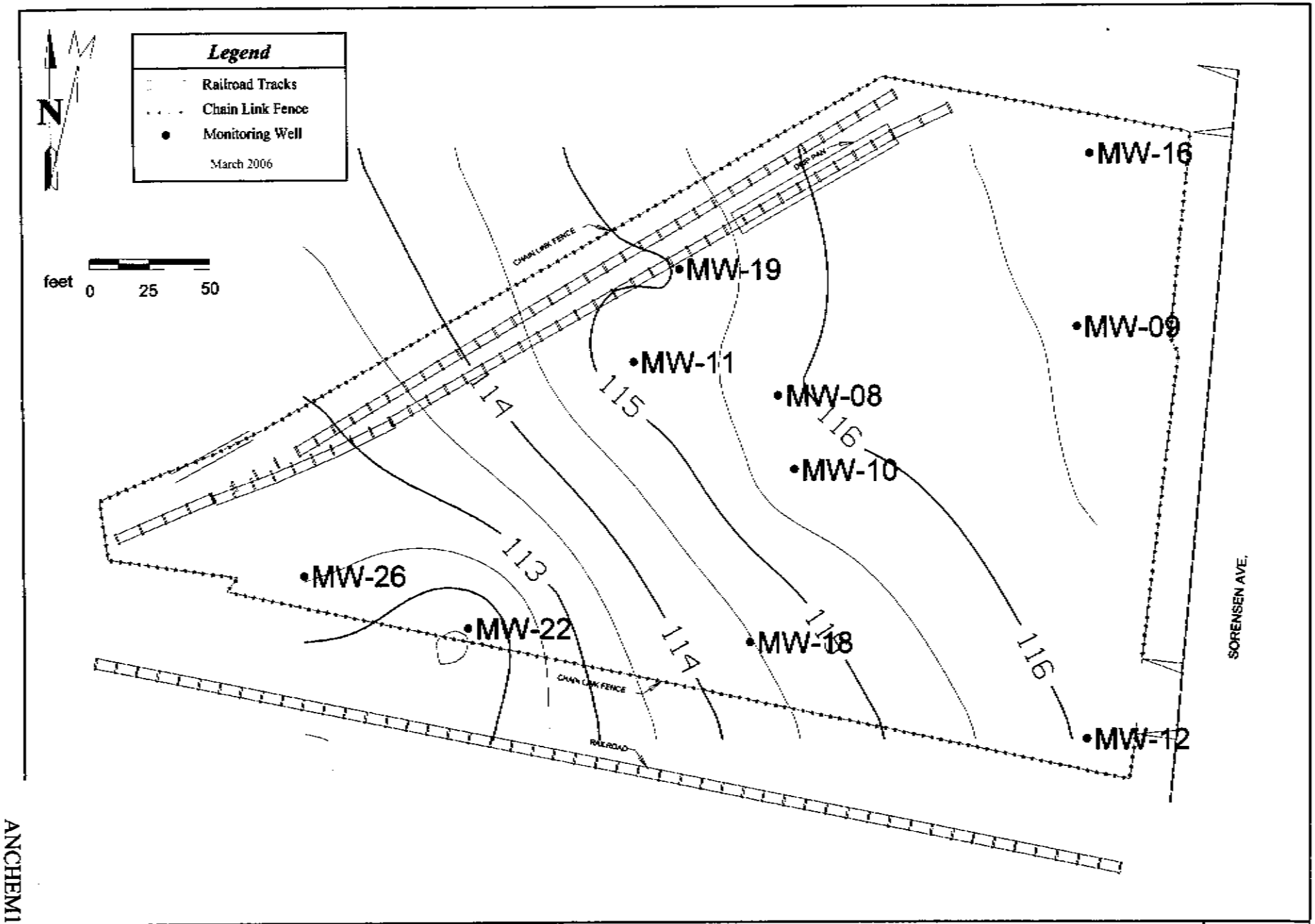
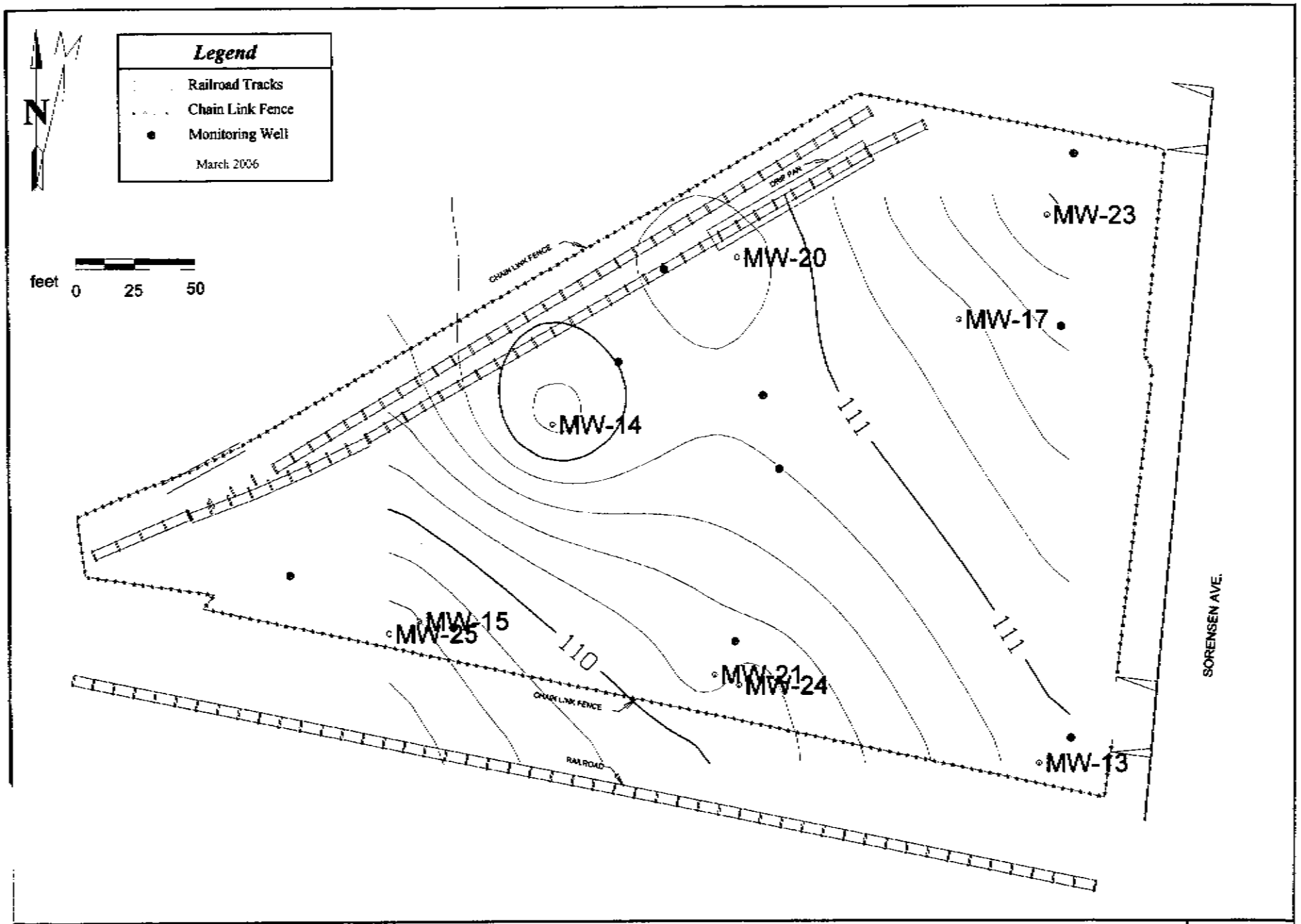


ANCHEM1693

repared by	First Water Potentiometric Gradient	FIGURE
Clean Soil, Inc. 7101 Western Avenue Buena Park, Ca.	Former Angeles Chemical Company, 8915 Sorensen Ave., Santa Fe Springs, CA 90670	3



Prepared by

Clean Soil, Inc.
7101 Western Avenue Buena Park, Ca.

A1 Zone Potentiometric Gradient

Former Angeles Chemical Company, 8915 Sorensen Ave., Santa Fe Springs, CA 90670

FIGURE
4

ANCHEM1694

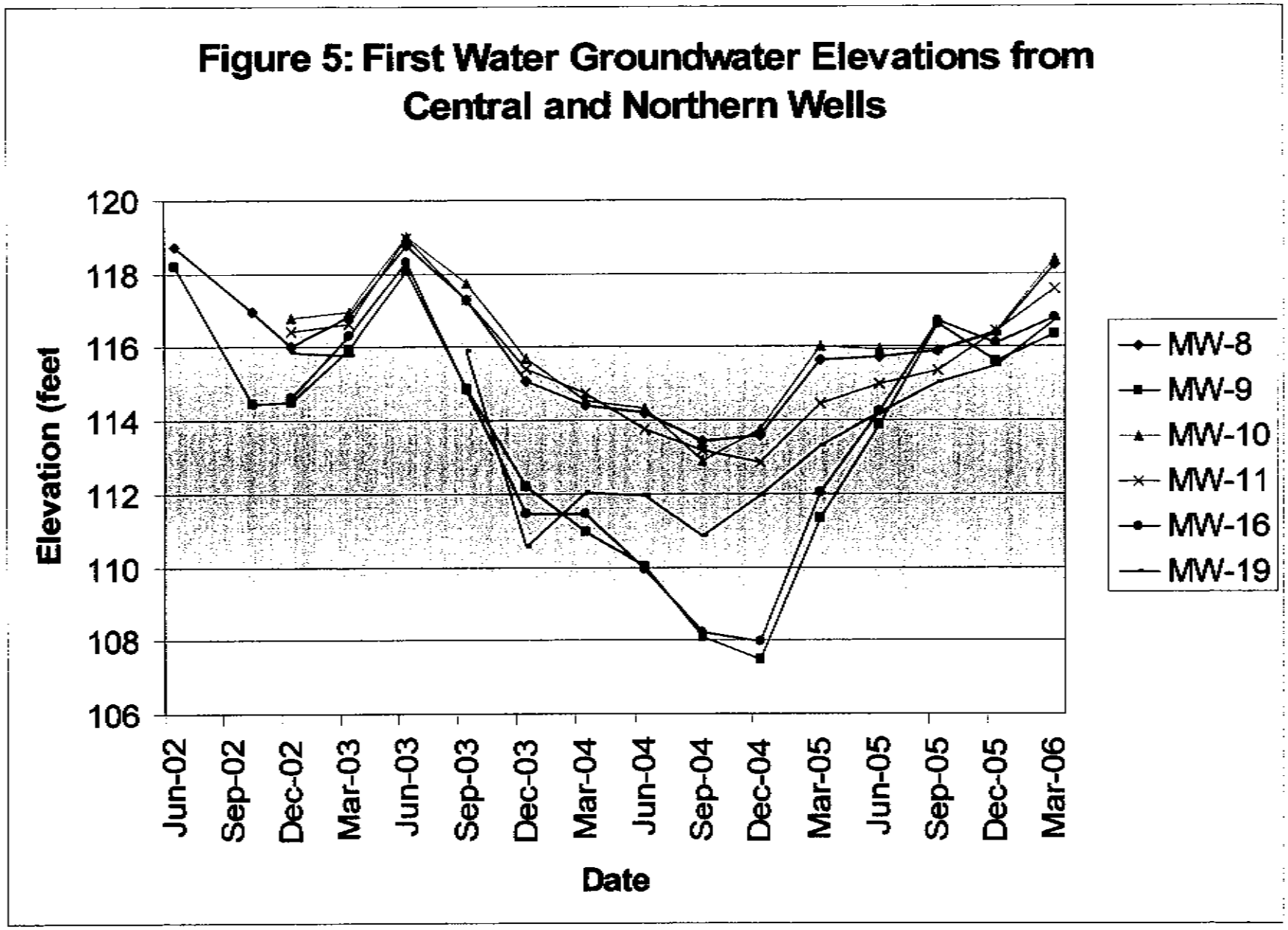


Figure 5: First Water Groundwater Elevations from Central and Northern Wells
Elevation (feet
120
118
116
114
112
110
108
106
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-16
MW-19

ANCHEM1695

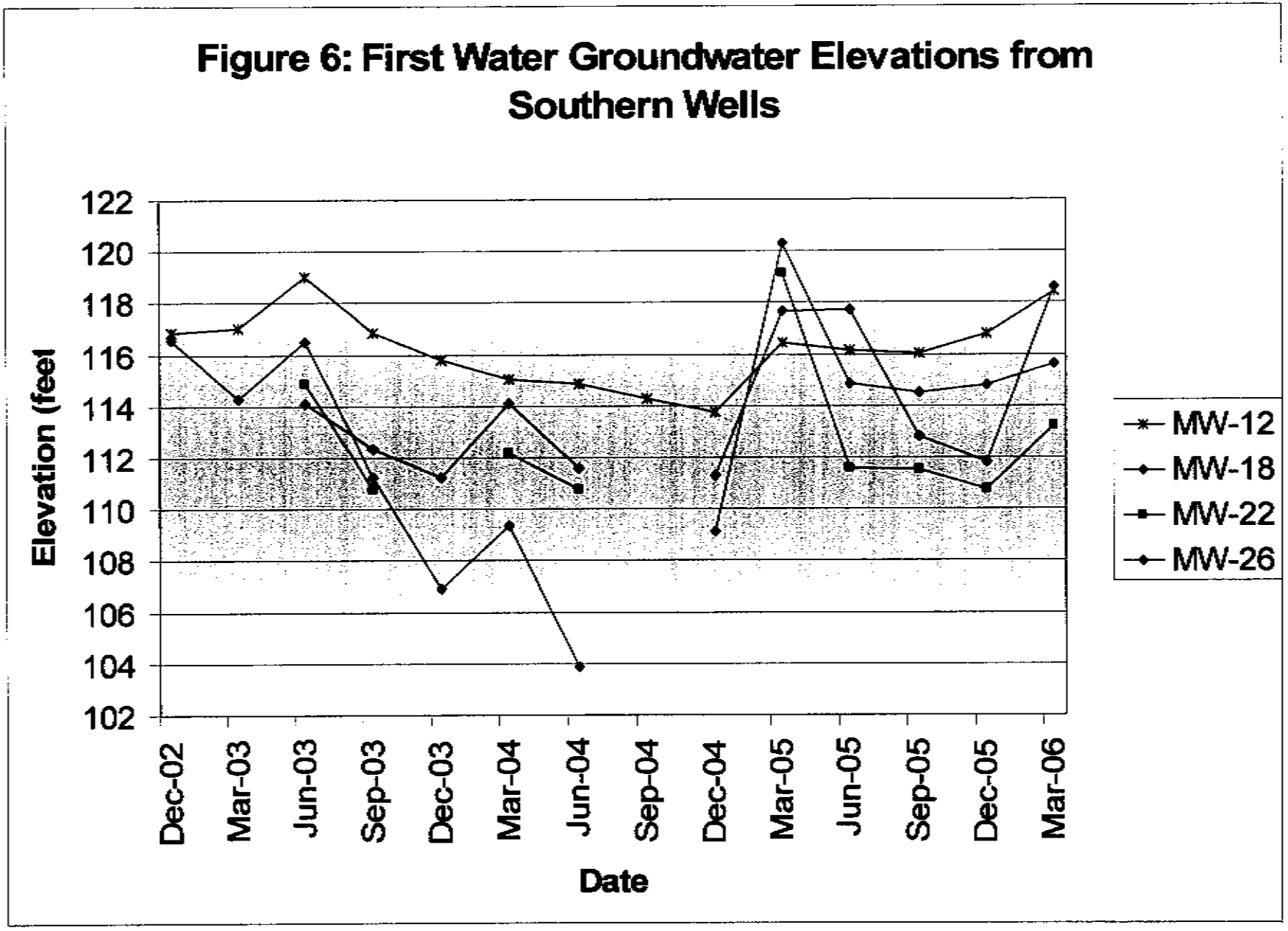


Figure 6: First Water Groundwater Elevations from Southern Wells
Elevation (feet
122
120
118
116
114
112
110
108
106
104
102
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-12
MW-18
MW-22
MW-26

ANCHEM1696

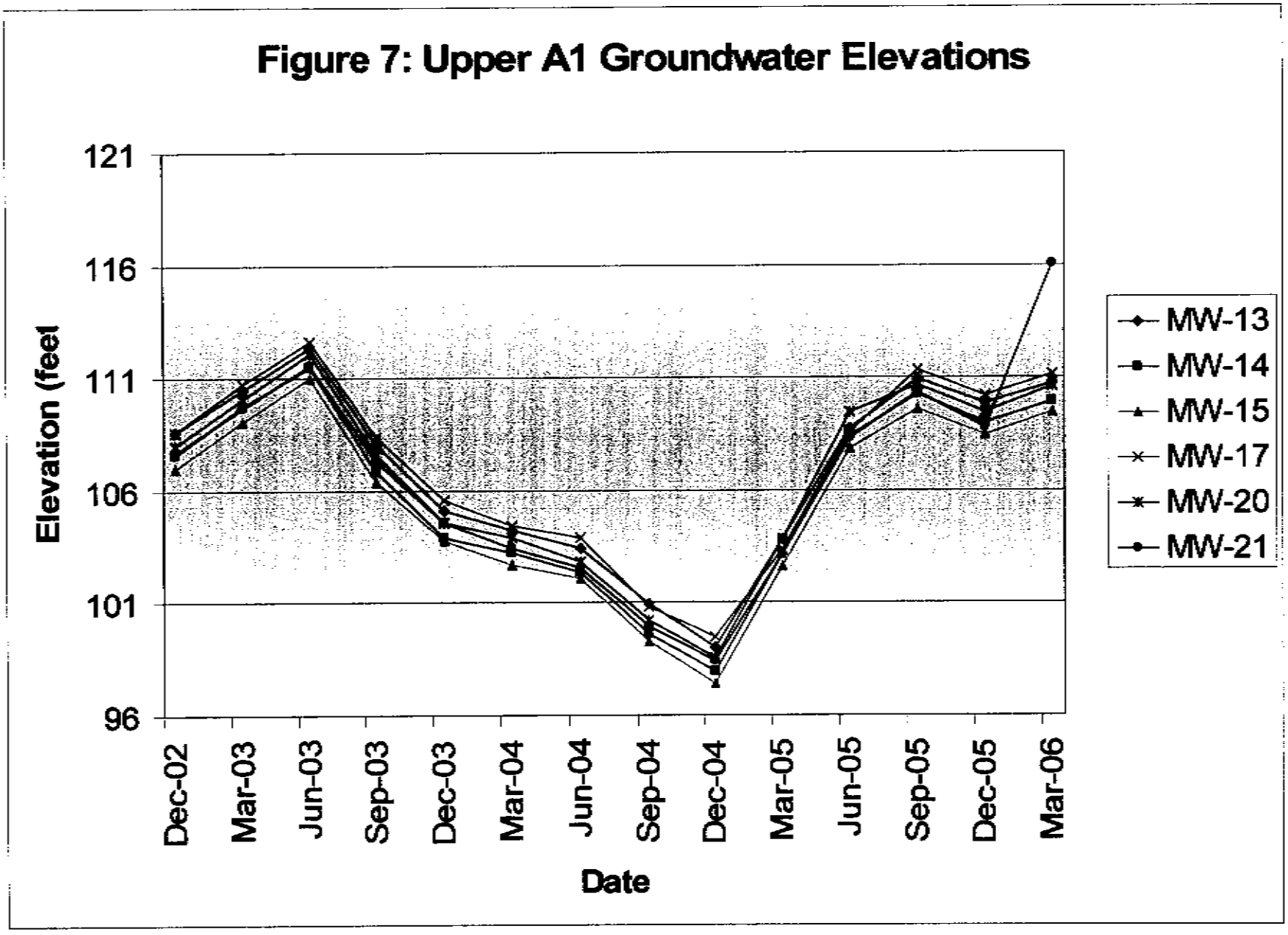


Figure 7: Upper A1 Groundwater Elevations
121
116
111
106
101
96
Elevation (feet
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21

ANCHEM1697

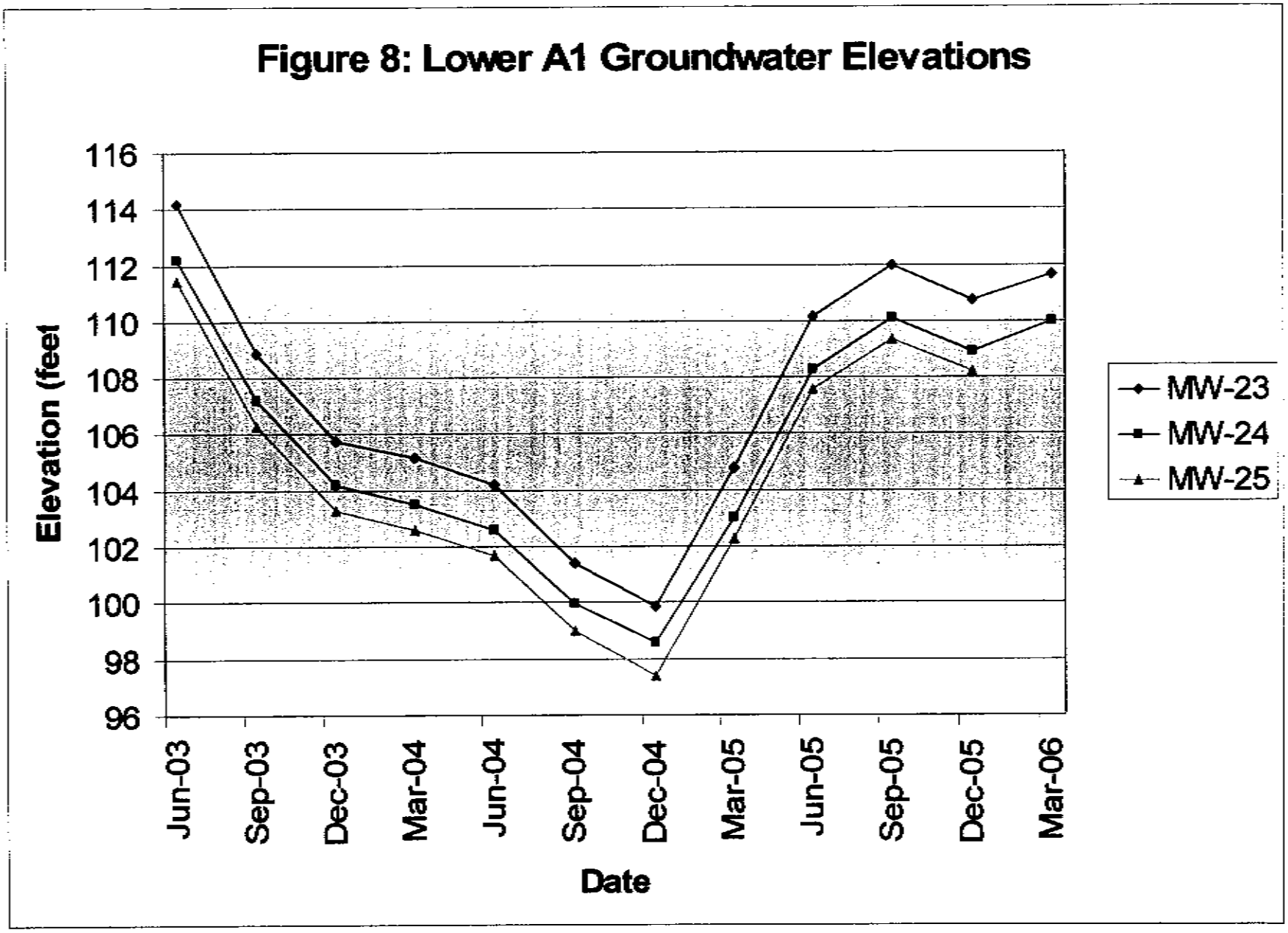
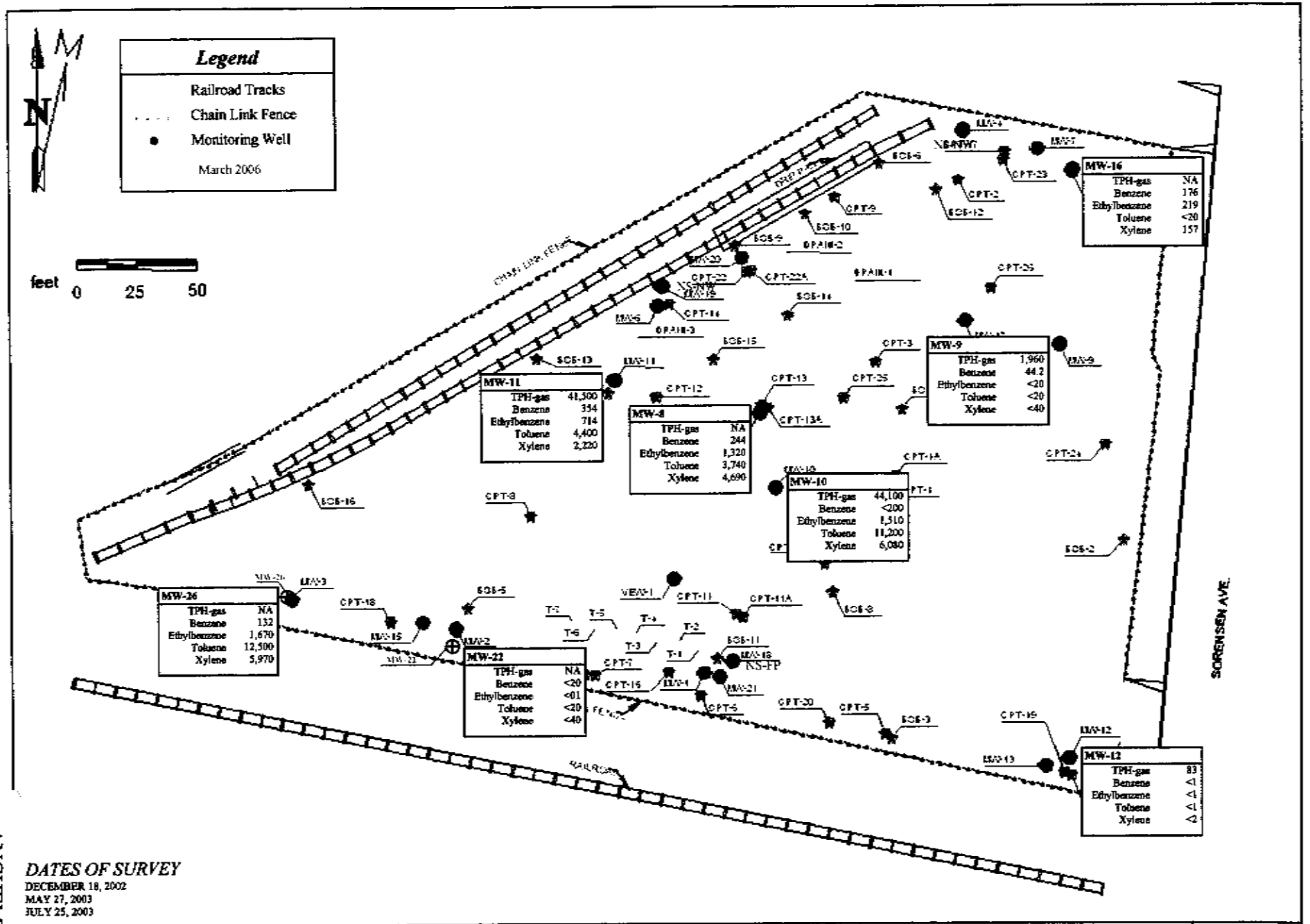


Figure 8: Lower A1 Groundwater Elevations
Elevation (feet
116
114
112
110
108
106
104
102
100
98
96
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-23
MW-24
MW-25

ANCHEM1698



DATES OF SURVEY
DECEMBER 18, 2002
MAY 27, 2003
JULY 25, 2003

Prepared by

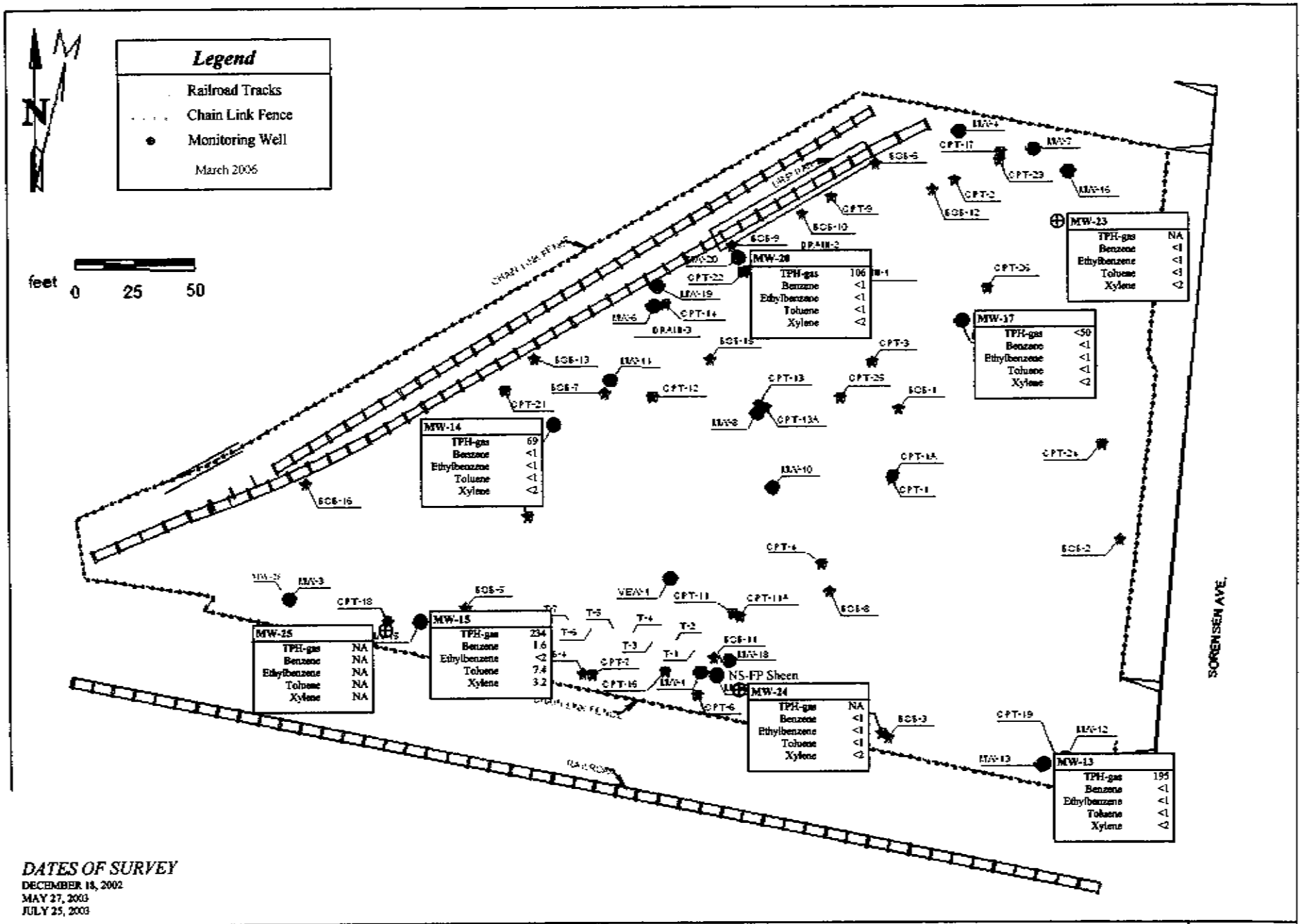
Clean Soil, Inc.
7101 Western Ave. Buena Park, CA

TPH-gas and BTEX Concentrations in First Water (µg/L)

Former Angeles Chemical Company, 8915 Sorensen Ave., Santa Fe Springs, CA 90670

FIGURE 9

ANCHEM1699



DATES OF SURVEY
DECEMBER 18, 2002
MAY 27, 2003
JULY 25, 2003

Prepared by

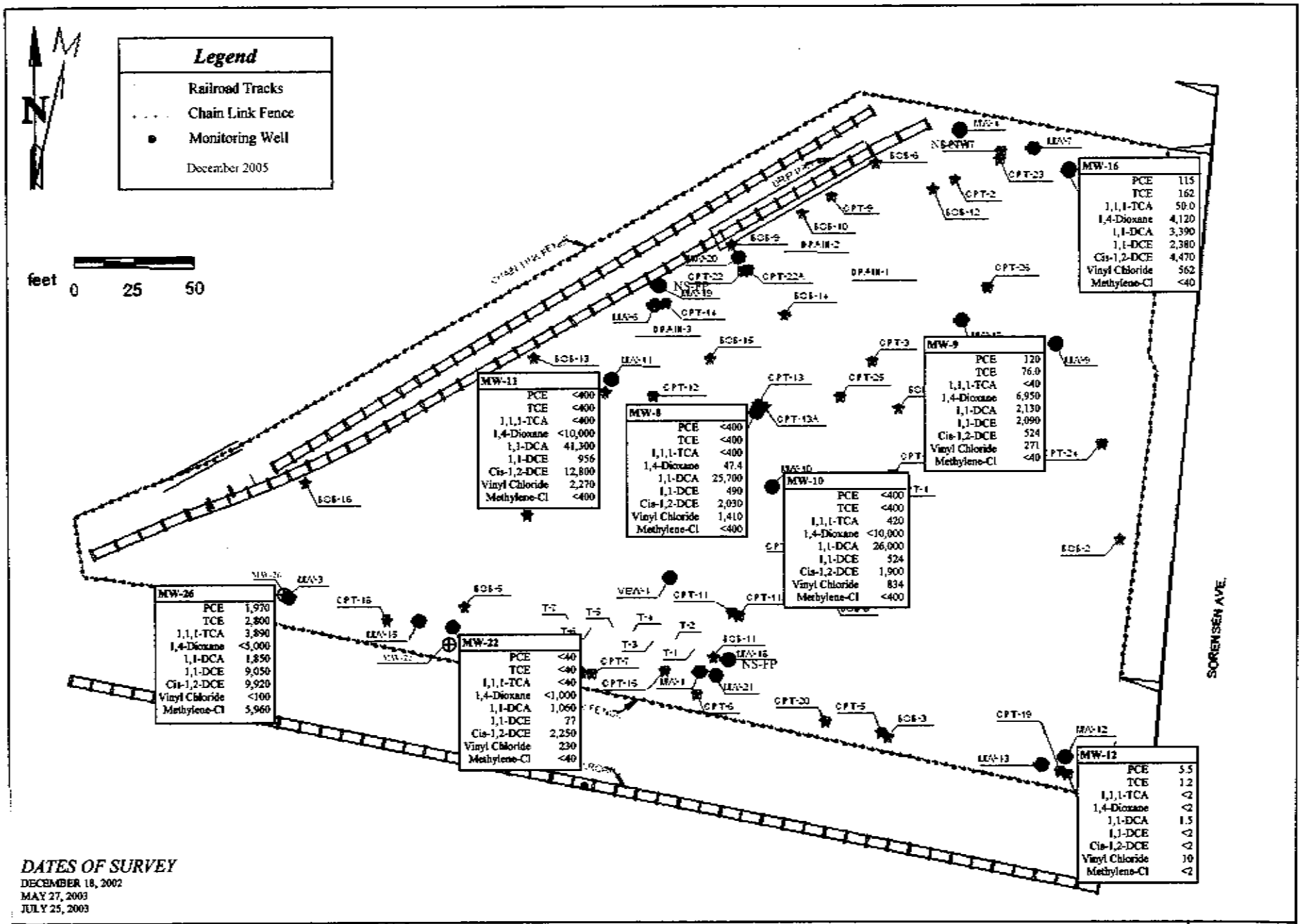
Clean Soil, Inc.
7101 Western Ave. Buena Park, CA

TPH-gas and BTEX Concentrations in Upper and Lower A1 Zones (µg/L)

Former Angeles Chemical Company, 8915 Sorensen Ave., Santa Fe Springs, CA 90670

FIGURE
10

ANCHEM1700



DATES OF SURVEY
DECEMBER 18, 2002
MAY 27, 2003
JULY 25, 2003

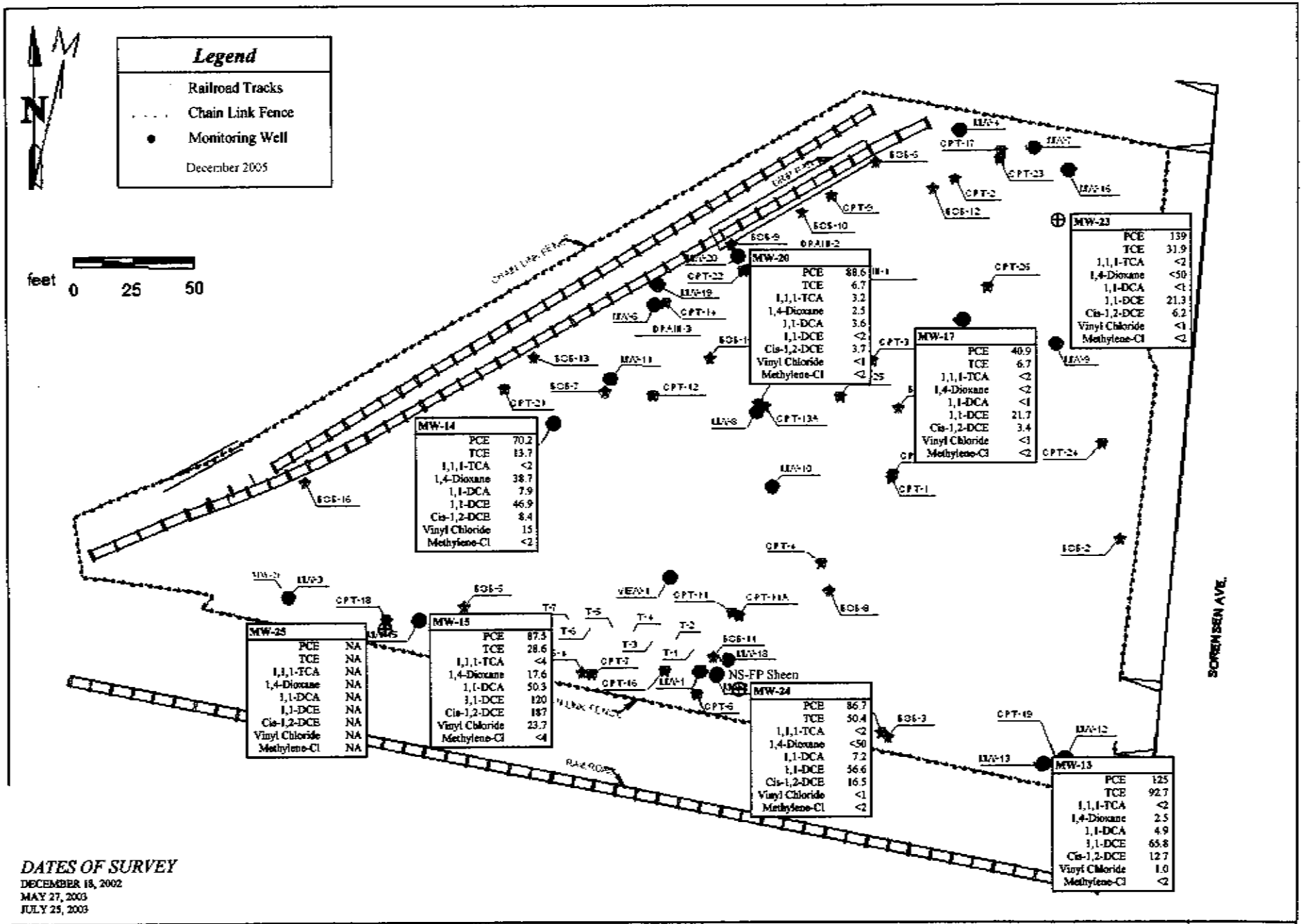
Prepared by
Clean Soil, Inc.
7101 Western Ave. Buena Park, CA

Chlorinated VOC's and 1,4 Dioxane Concentrations in First Water (µg/L)

Former Angeles Chemical Company, 8915 Sorensen Ave., Santa Fe Springs, CA 90670

FIGURE
11

ANCHEM1701



DATES OF SURVEY
DECEMBER 18, 2002
MAY 27, 2003
JULY 25, 2003

Prepared by

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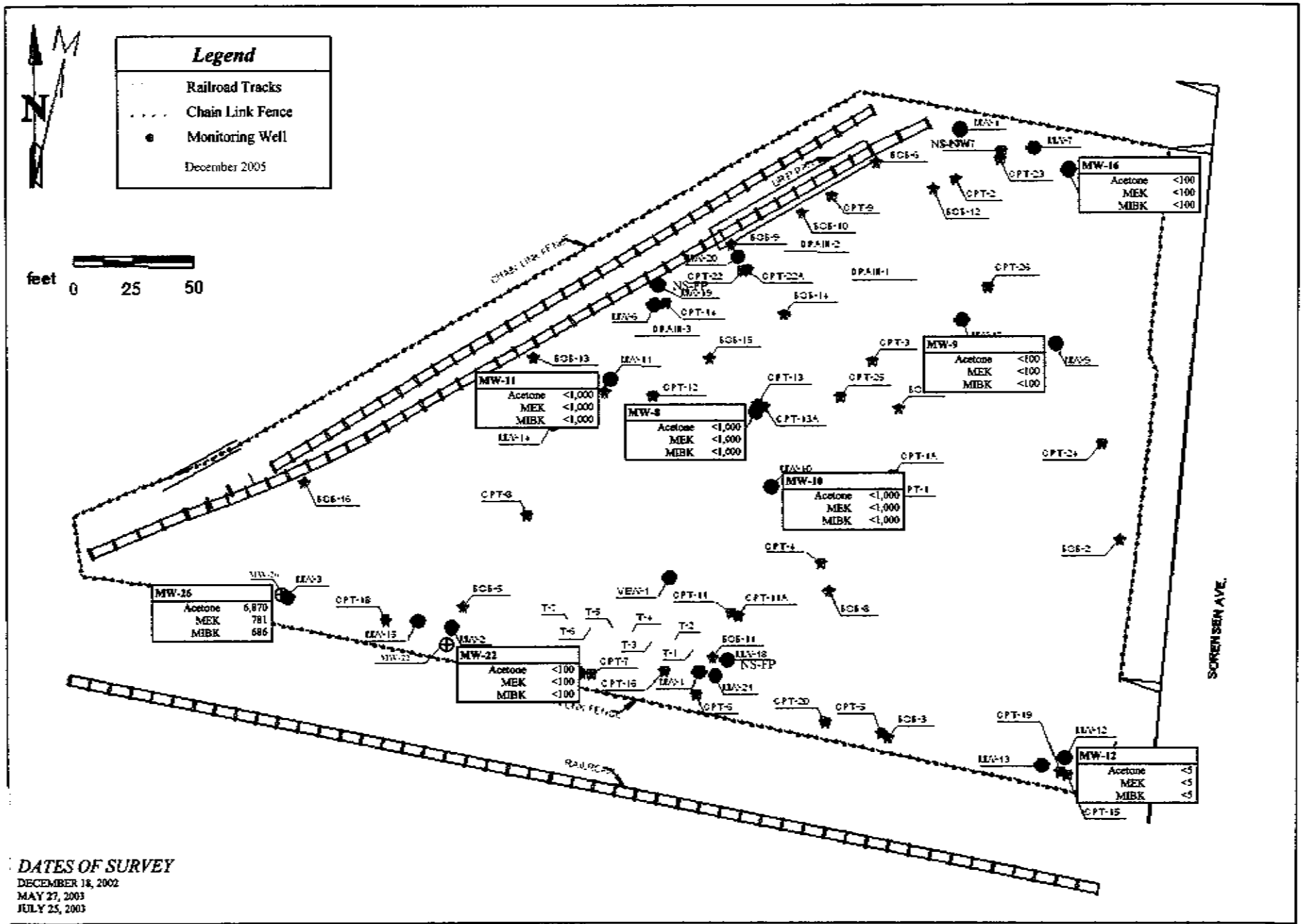
7101 Western Ave. Buena Park, CA

Chlorinated VOC's and 1,4 Dioxane Concentrations in Upper and Lower A1 Zones (µg/L)

Former Angeles Chemical Company, 8915 Sorensen Ave., Santa Fe Springs, CA 90670

FIGURE 12

ANCHEM1702



DATES OF SURVEY
DECEMBER 18, 2002
MAY 27, 2003
JULY 25, 2003

Prepared by

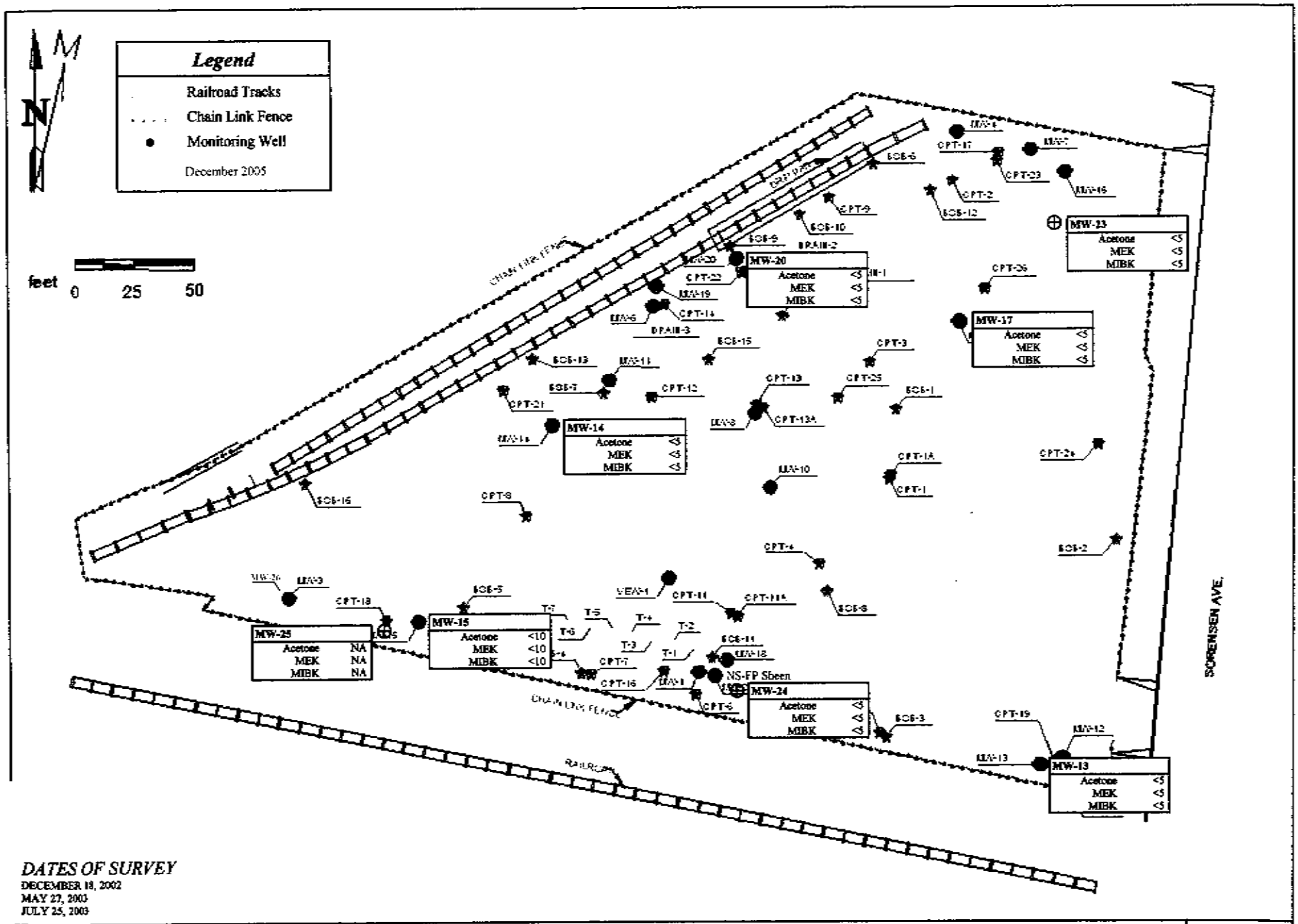
Clean Soil, Inc.
7101 Western Ave. Buena Park, CA

Acetone, MEK and MIBK Concentrations in First Water (µg/L)

Former Angeles Chemical Company, 8915 Sorensen Ave., Santa Fe Springs, CA 90670

FIGURE 13

ANCHEM1703



DATES OF SURVEY
DECEMBER 18, 2002
MAY 27, 2003
JULY 25, 2003

Prepared by

Clean Soil, Inc.
7101 Western Ave. Buena Park CA

Acetone, MEK and MIBK Concentrations in Upper and Lower A1 Zones (µg/L)

Former Angeles Chemical Company, 8915 Sorensen Ave., Santa Fe Springs, CA 90670

FIGURE
14

ANCHEM1704

TABLES

Table 1: Well and Screen Elevations and Groundwater Depths to Water and Elevations (in feet)

Date	*MW-1	*MW-2	*MW-3	MW-4	MW-6	*MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
Well Elevation (TOC)	NA	150.42	150.79	148.27	149.39	148.82	149.63	149.16	149.41	149.12	150.09	150.22	150.66	150.6	148.32	149.03	149.63	149.2	149.14	150.02	150.67	148.42	[illegible]	150.84	150.83
12/22/2004													149.71												
Screened Interval (bg)	40 - 60	30 - 50	28 - 49	17 - 27	20 - 30	34 - 55	30.5-40.5	30.5-45.5	25 - 40	30 - 40	30 - 40	52 - 62	55 - 65	54 - 64	29 - 46	56 - 66	21 - 46	30 - 45	57 - 67	53 - 63	30 - 40	[illegible]	[illegible]	[illegible]	30 - 40
Screen Elevation																									
Top	NA	120.42	121.79	121.27	119.39	114.62	119.13	118.66	124.41	119.12	120.09	98.22	95.66	96.6	119.32	93.03	128.63	119.2	92.14	97.02	120.67	[illegible]	[illegible]	[illegible]	120.83
Bottom	NA	100.42	101.79	101.27	109.39	93.62	109.13	103.66	109.41	109.12	110.09	88.22	85.66	86.6	102.32	83.03	103.63	104.2	82.14	87.02	110.67	87.42	[illegible]	89.64	110.83
Depth to Water (bg)																									
Feb-94	30.05	28.8	29.7	23.35	24.85	24.53																			
Nov-00	35.62	35.25	36.42	26.2	28.52	28.19																			
Oct-01	37.41	37.91	39.19	26.35	NA	28.7																			
Nov-01	NA	NA	NA	26.36	28.85	NA																			
Feb-02	36.2	36.39	37.39	26.44	30.32	29.21																			
Jun-02	37.92	38.75	39.19	26.46	NA	30.07	30.91	30.98																	
Oct-02	42.45	43.66	44.66	26.48	30.28	34.11	32.68	34.7																	
Dec-02	NA	43.19	44.22	26.28	FP only	34.03	33.62	34.67	32.63	32.71	33.26	41.65	43.06	43.63	33.69	40.44	33.06	33.33	41.11	42.34					
Mar-03	NA	41.07	41.35	26.36	FP only	33.18	32.81	33.22	32.44	32.49	33.07	39.77	40.95	41.53	32.01	38.28	35.36	33.42	39.08	40.36					
Jun-03	NA	39.98	39.95	26.35	FP only	30.44	30.85	31.10	30.41	30.15	31.05	37.85	39.20	39.62	29.99	36.41	33.13	38.30	37.05	38.50	35.60	[illegible]	[illegible]	37.22	36.70
Sep-03	NA	NA	NA	26.41	FP only	NA	32.34	34.29	31.68	31.84	33.26	42.16	43.79	44.19	33.48	40.65	38.37	33.29	41.57	42.68	39.87	[illegible]	[illegible]	[illegible]	38.45
Dec-03	NA	NA	NA	26.39	FP only	NA	34.55	36.96	33.71	33.73	34.30	45.12	46.72	46.84	36.85	43.47	42.73	36.65	44.53	45.44	Dry	[illegible]	[illegible]	[illegible]	39.60
Mar-04	NA	NA	NA	26.41	FP only	NA	35.20	36.19	34.85	34.36	35.02	45.96	47.41	47.92	36.88	44.56	40.28	37.15	45.22	46.59	38.51	[illegible]	[illegible]	[illegible]	36.70
Jun-04	NA	NA	NA	26.4	FP only	NA	35.42	39.15	35.08	35.38	35.20	46.81	48.31	48.49	38.36	45.15	45.74	37.23	46.29	47.48	39.92	[illegible]	[illegible]	[illegible]	39.25
Sep-04	NA	NA	NA	26.42	FP only	NA	36.18	41.05	36.53	35.92	35.82	49.27	51.06	51.32	40.10	48.21	FP only	38.34	48.92	50.09	Dry	[illegible]	[illegible]	[illegible]	NA
Dec-04	NA	NA	NA	26.47	29.80	NA	36.02	41.69	35.83	36.28	36.32	51.18	52.71	53.18	40.34	49.57	40.50	37.23	50.59	51.82	Dry	[illegible]	[illegible]	[illegible]	39.52
Mar-05	NA	NA	NA	26.43	29.90	NA	34.00	37.82	33.41	34.66	33.67	46.36	48.50	47.98	36.27	45.68	29.30	35.88	45.33	46.85	31.56	[illegible]	[illegible]	[illegible]	33.17
Jun-05	NA	NA	NA	Dry	29.90	NA	33.89	35.26	33.49	34.12	33.91	41.48	41.27	42.75	34.05	40.45	34.78	34.98	39.67	41.69	39.07	[illegible]	[illegible]	[illegible]	33.07
Sep-05	NA	NA	NA	Dry	29.91	NA	33.73	32.52	33.46	33.75	34.06	39.30	39.43	41.01	31.61	37.70	35.04	34.18	33.47	39.88	39.14	[illegible]	[illegible]	[illegible]	38.04
Dec-05	NA	NA	NA	26.59	29.90	NA	33.26	33.56	33.00	32.71	33.28	40.33	40.72	42.14	32.23	38.83	34.85	33.71	39.68	41.20	39.88	[illegible]	[illegible]	[illegible]	38.98
Mar-06	NA	NA	NA	26.5	29.89	NA	31.39	32.8	31.03	31.56	31.67	39.47	39.76	41.13	31.54	37.91	33.99	32.49	38.56	33.99	37.45	36.76	[illegible]	NA	32.21
Water Elevation																									
Feb-94	NA	121.62	121.09	124.92	124.54	124.09																			
Nov-00	NA	115.17	114.37	122.07	120.87	120.43																			
Oct-01	NA	112.51	111.60	121.92	NA	119.92																			
Nov-01	NA	NA	NA	121.91	120.54	NA																			
Feb-02	NA	114.03	113.40	121.63	119.07	119.41																			
Jun-02	NA	111.67	111.60	121.61	NA	118.55	118.72	118.18																	
Oct-02	NA	108.76	106.13	121.79	119.11	114.51	116.95	114.46																	
Dec-02	NA	107.23	106.57	121.99	NA	114.59	116.01	114.49	116.78	116.41	116.83	108.57	107.60	106.97	114.63	108.59	116.57	115.87	108.03	107.68					
Mar-03	NA	109.35	109.44	121.91	NA	115.44	116.82	115.94	116.97	116.63	117.02	110.45	109.71	109.07	116.31	110.75	114.27	115.78	110.06	109.66					
Jun-03	NA	110.44	110.84	121.92	NA	118.18	118.76	118.06	119.00	118.97	119.04	112.37	111.46	110.98	118.33	112.62	116.50	110.90	112.09	111.52	114.87	[illegible]	[illegible]	[illegible]	114.13
Sep-03	NA	NA	NA	121.96	NA	NA	117.29	114.87	117.73	117.26	116.83	108.06	106.87	106.41	114.84	108.38	111.26	115.91	107.57	107.34	110.80	[illegible]	[illegible]	[illegible]	112.38
Dec-03	NA	NA	NA	121.88	NA	NA	115.08	112.20	115.70	115.39	115.79	105.10	103.94	103.76	111.47	105.56	106.90	110.55	104.61	104.58	Dry	[illegible]	[illegible]	[illegible]	111.23
Mar-04	NA	NA	NA	121.86	NA	NA	114.43	110.97	114.56	114.76	115.07	104.24	103.25	102.68	111.44	104.47	109.35	112.05	103.92	103.43	112.16	[illegible]	[illegible]	[illegible]	114.13
Jun-04	NA	NA	NA	121.87	NA	NA	114.21	110.01	114.33	113.74	114.89	103.41	102.35	102.11	109.96	103.68	103.89	111.97	102.85	102.54	110.75	[illegible]	[illegible]	[illegible]	111.58
Sep-04	NA	NA	NA	121.85	NA	NA	113.45	108.11	112.88	113.20	114.27	100.95	99.60	99.26	108.22	100.82	NA	110.88	100.22	99.93	NA	[illegible]	[illegible]	[illegible]	NA
Dec-04	NA	NA	NA	121.80	119.59	NA	113.61	107.47	113.78	112.86	113.77	99.04	97.95	97.42	107.98	99.46	109.13	111.97	98.55	98.40	NA	[illegible]	[illegible]	[illegible]	111.31
Mar-05	NA	NA	NA	121.84	119.49	NA	115.63	111.34	116.00	114.46	116.42	103.86	103.21	102.62	112.05	103.35	120.33	113.32	103.81	103.17	119.15	[illegible]	[illegible]	[illegible]	117.66
Jun-05	NA	NA	NA	Dry	119.49	NA	115.74	113.90	115.92	115.00	116.18	108.74	108.44	107.85	114.27	106.58	114.85	114.22	109.47	108.33	111.63	[illegible]	[illegible]	[illegible]	117.76
Sep-05	NA	NA	NA	Dry	119.48	NA	115.90	116.64	115.95	115.37	116.03	110.92	110.28	109.59	116.71	111.33	114.59	115.02	115.67	110.34	111.56	[illegible]	[illegible]	[illegible]	112.79
Dec-05	NA	NA	NA	121.68	119.49	NA	116.37	115.60	116.41	116.41	116.81	109.89	108.99	108.46	116.09	110.20	114.78	115.49	109.46	108.82	110.82	[illegible]	[illegible]	[illegible]	111.85
Mar-06	NA	NA	NA	121.77	119.50	NA	118.24	116.38	118.38	117.57	118.42	110.75	109.95	109.47	116.78	111.12	115.64	116.71	110.58	116.03	113.25	111.66	109.89	NA	118.62

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Table 1: Well and Screen Elevations and Groundwater Depths to Water and Elevations (in feet)

	Date	*MW-1	*MW-2	*MW-3	MW-4	MW-5	*MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
Well Elevation (TOC)		NA	150.42	150.79	148.27	149.39	146.62	149.63	149.16	149.41	149.12	150.09	150.22	150.86	150.6	148.32	149.03	149.63	149.2	149.14	150.02	150.67	148.42	149.8	150.84	150.83
Screened Interval (bg)		40 - 60	30 - 50	29 - 49	17 - 27	20 - 30	34 - 55	30.5-40.5	30.5-45.5	25 - 40	30 - 40	30 - 40	52 - 82	149.7 55 - 65	54 - 64	29 - 46	56 - 66	21 - 46	30 - 45	67 - 87	53 - 83	30 - 40	71 - 81	67 - 77	71 - 81	30 - 40
Screen Elevation																										
	Top	NA	120.42	121.79	121.27	119.39	114.62	119.13	118.66	124.41	119.12	120.09	98.22	95.86	96.6	119.32	93.03	128.63	119.2	92.14	97.02	120.67	77.42	82.9	79.84	120.83
	Bottom	NA	100.42	101.79	101.27	109.39	93.62	109.13	103.66	109.41	109.12	110.09	88.22	85.86	86.6	102.32	83.03	103.63	104.2	82.14	87.02	110.67	67.42	72.9	69.84	110.83
			20	20	20	10	21	10	15	15	10	10	10	10	10	17	10	25	15	10	10	10	10	10	10	10
Depth to Water (bg)																										
	Feb-94	30.05'	28.8	29.7	23.35	24.85	24.53																			
	Nov-00	35.62'	35.25	36.42	28.2	28.52	28.19																			
	Oct-01	37.41'	37.91	38.19	26.35	NA	28.7																			
	Nov-01	NA	NA	NA	26.36	28.85	NA																			
	Feb-02	36.2	36.39	37.39	26.44	30.32	29.21																			
	Jun-02	37.92	38.75	39.19	26.46	NA	30.07	30.91	30.98																	
	Oct-02	42.45'	43.66	44.66	26.46	30.28	34.11	32.68	34.7																	
	Dec-02	NA	43.18	44.22	26.26	FP only	34.03	33.62	34.87	32.63	32.71	33.26	41.65	43.06	43.63	33.89	40.44	33.06	33.33	41.11	42.34					
	Mar-03	NA	41.07	41.35	26.36	FP only	33.18	32.61	33.22	32.44	32.49	33.07	39.77	40.95	41.53	32.01	38.28	35.36	33.42	39.08	40.36					
	Jun-03	NA	39.98	39.95	26.35	FP only	30.44	30.85	31.1	30.41	30.15	31.05	37.85	39.2	39.62	29.99	36.41	33.13	36.3	37.05	38.5	35.8	34.23	37.73	39.22	38.7
	Sep-03	NA	NA	NA	26.41	FP only	NA	32.34	34.29	31.86	31.84	33.26	42.16	43.78	44.18	33.48	40.65	38.37	33.29	41.57	42.68	39.87	39.55	42.69	44.35	38.45
	Dec-03	NA	NA	NA	26.39	FP only	NA	34.56	36.96	33.71	33.73	34.3	45.12	46.72	46.84	36.85	43.47	42.73	38.65	44.53	45.44	Dry	42.65	45.69	47.35	39.6
	Mar-04	NA	NA	NA	26.41	FP only	NA	35.2	38.19	34.85	34.36	35.02	46.96	47.41	47.92	36.88	44.56	40.26	37.15	45.22	46.59	38.51	43.25	46.41	48.03	38.7
	Jun-04	NA	NA	NA	26.4	FP only	NA	35.42	39.15	35.06	35.36	35.2	46.81	48.31	48.49	38.36	45.15	45.74	37.23	46.29	47.46	39.92	44.24	47.32	48.95	39.25
	Sep-04	NA	NA	NA	26.42	FP only	NA	38.16	41.05	36.53	35.92	35.82	49.27	51.08	51.32	40.1	48.21	FP only	38.34	46.92	50.09	Dry	46.98	49.93	51.62	NA
	Dec-04	NA	NA	NA	26.47	29.8	NA	36.02	41.69	35.83	36.26	36.32	51.16	52.71	53.18	40.34	49.57	40.5	37.23	50.59	51.62	Dry	48.54	51.35	53.22	38.52
	Mar-05	NA	NA	NA	26.43	29.9	NA	34	37.82	33.41	34.66	33.87	46.36	46.5	47.98	36.27	45.68	29.3	35.86	45.33	46.85	31.55	43.8	46.85	48.39	33.17
	Jun-05	NA	NA	NA	Dry	29.9	NA	33.89	35.26	33.49	34.12	33.91	41.48	41.27	42.75	34.05	40.45	34.78	34.96	39.67	41.69	39.07	38.28	41.83	43.06	33.07
	Sep-05	NA	NA	NA	Dry	29.91	NA	33.73	32.52	33.48	33.75	34.06	38.3	39.43	41.01	31.61	37.7	35.09	34.16	38.47	39.88	39.14	36.45	39.82	41.29	39.04
	Dec-05	NA	NA	NA	26.59	29.90	NA	33.26	33.56	33.00	32.71	33.28	40.33	40.72	42.14	32.23	38.83	34.85	33.71	39.68	41.20	39.68	37.86	40.96	42.44	39.98
	Mar-06	NA	NA	NA	26.5	29.89	NA	31.39	32.8	31.03	31.55	31.87	39.47	39.78	41.13	31.54	37.91	33.99	32.49	38.56	33.99	37.45	36.76	39.91	NA	32.21
		*MW-1	*MW-2	*MW-3	MW-4	MW-5	*MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
Water Elevation																										
	Feb-94	NA	121.62	121.09	124.92	124.54	124.09																			
	Nov-00	NA	115.17	114.37	122.07	120.87	120.43																			
	Oct-01	NA	112.51	111.6	121.92	NA	119.82																			
	Nov-01	NA	NA	NA	121.91	120.54	NA																			
	Feb-02	NA	114.03	113.4	121.83	119.07	119.41																			
	Jun-02	NA	111.67	111.8	121.81	NA	118.55	118.72	118.18																	
	Oct-02	NA	106.76	106.13	121.79	119.11	114.51	116.95	114.46																	
	Dec-02	NA	107.23	106.57	121.99	NA	114.59	116.01	114.49	116.78	116.41	116.83	108.57	107.8	106.97	114.63	106.59	116.57	115.87	106.03	107.88					
	Mar-03	NA	109.35	109.44	121.91	NA	115.44	116.82	115.94	116.97	116.63	117.02	110.45	109.71	109.07	118.31	110.75	114.27	115.78	110.06	109.86					
	Jun-03	NA	110.44	110.84	121.92	NA	116.18	116.78	116.06	119	116.97	119.04	112.37	111.46	110.98	116.33	112.62	116.5		112.09	111.52	114.87	114.19	112.17	111.42	114.13
	Sep-03	NA	NA	NA	121.86	NA		117.29	114.67	117.73	117.28	116.83	108.06	106.67	106.41	114.64	108.38	111.28	115.91	107.57	107.34	110.8	108.87	107.21	106.28	112.36
	Dec-03	NA	NA	NA	121.88	NA		115.08	112.2	115.7	115.39	115.78	105.1	103.94	103.76	111.47	105.56	106.9	110.55	104.61	104.58		105.77	104.21	103.28	111.23
	Mar-04	NA	NA	NA	121.86	NA		114.43	110.97	114.56	114.76	115.07	104.24	103.25	102.68	111.44	104.47	109.35	112.05	103.92	103.43	112.16	105.17	103.48	102.81	114.13
	Jun-04				121.87			114.21	110.01	114.33	113.74	114.89	103.41	102.35	102.11	109.96	103.88	108.89	111.97	102.85	102.54	110.75	104.18	102.58	101.89	111.58
	Sep-04				121.85			113.45	108.11	112.88	113.2	114.27	100.95	99.6	99.26	106.22	100.82		110.86	100.22	99.93		101.44	99.97	99.02	
	Dec-04				121.8	119.59		113.61	107.47	113.78	112.86	113.77	99.04	97.95	97.42	107.98	99.46	109.13	111.97	98.55	98.4		99.88	98.55	97.42	111.31
	Mar-05				121.84	119.49		115.63	111.34	116	114.46	116.42	103.86	103.2	102.62	112.05	103.35	120.33	113.32	103.81	103.17	118.12	104.82	103.02	102.25	117.86
	Jun-05					119.49		115.74	113.90	115.92	115.00	116.18	108.74	108.43	107.85	114.27	106.58	114.85	114.22	109.47	108.33	111.80	110.14	106.27	107.59	117.76
	Sep-05					119.48		115.90	116.64	115.95	115.37	116.03	110.82	110.27	109.59	116.71	111.33	114.54	115.02	110.87	110.34	111.53	111.97	110.08	109.35	112.79
	Dec-05					119.49		116.37	115.80	116.41	116.41	116.81	109.89	108.96	108.46	118.09	110.20	114.78	115.48	109.46	108.82	110.79	110.77	108.92	108.20	111.85
	Mar-06	NA	NA	NA	121.77	119.5	NA	118.24	116.38	116.38	117.57	118.42	110.75	109.95	109.47	118.78	111.12	115.64	116.71	110.58	116.03	113.25	111.66	109.99		118.82

ANCHEM1707

Table 2: TPH-gas and VOCs from Free Prodcut Sample Results using EPA Methods 8015 and 8260 (µg/L)							
	Date	MW-6	MW-8	MW-10	MW-16	MW-18	MW-19
Screened Interval (feet bg)		20-30	30.5-40.5	25-40	29-46	21-46	30-45
TPH-gas	Jun-02	812,000,000	801,000,000	NA	NA	NA	NA
	Dec-03	NA	NA	NA	455,000,000	NA	425,000,000
	Mar-04	NA	NA	446,000	NA	NA	NA
VOCs							
Acetone	Oct-01	<25,000*					
	Mar-04	NA	NA	<1,250,000	NA	<1,250,000	<1,250,000
	Sep-04	NA	<2,500,000	<2,500,000	NA	NA	<2,500,000
Benzene	Oct-01	110,000*					
	Mar-04	NA	NA	<250,000	NA	<250,000	365,000
	Sep-04	NA	<100,000	<100,000	NA	NA	464,000
2-Butanone (MEK)	Oct-01	<25,000*					
	Mar-04	NA	NA	<1,250,000	NA	<1,250,000	<1,250,000
	Sep-04	NA	<2,500,000	<2,500,000	NA	NA	<2,500,000
Chloroethane	Mar-04	NA	NA	<500,000	NA	<500,000	<500,000
	Sep-04	NA	<200,000	<200,000	NA	NA	<200,000
1,1-Dichloroethane	Oct-01	592,000*					
	Mar-04	NA	NA	3,190,000	NA	1,590,000	625,000
	Sep-04	NA	4,040,000	5,740,000	NA	NA	1,326,000
1,2-Dichloroethane	Oct-01	<5,000*					
	Mar-04	NA	NA	<500,000	NA	<500,000	<500,000
	Sep-04	NA	<200,000	<200,000	NA	NA	<200,000
1,1-Dichloroethene	Oct-01	417,000*					
	Mar-04	NA	NA	730,000	NA	928,000	4,840,000
	Sep-04	NA	782,000	710,000	NA	NA	5,860,000
cis 1,2-Dichloroethene	Oct-01	1,060,000*					
	Mar-04	NA	NA	1,530,000	NA	1,620,000	1,630,000
	Sep-04	NA	1,765,000	1,900,000	NA	NA	2,793,000
trans 1,2-Dichloroethene	Oct-01	<5,000*					
	Mar-04	NA	NA	<500,000	NA	<500,000	<500,000
	Sep-04	NA	<200,000	<200,000	NA	NA	<200,000
1,4 Dioxane	Mar-04	NA	NA	<12,500,000	NA	<12,500,000	<12,500,000
	Sep-04	NA	<5,000,000	<5,000,000	NA	NA	<5,000,000
Ethylbenzene	Oct-01	4,320,000*					
	Mar-04	NA	NA	5,330,000	NS-FP	7,080,000	6,960,000
	Sep-04	NA	5,910,000	7,280,000	NA	NA	8,770,000

Table 2: TPH-gas and VOCs from Free Prodcut Sample Results using EPA Methods 8015 and 8260 (µg/L)

VOCs	Date	MW-6	MW-8	MW-10	MW-16	MW-18	MW-19
Methylene Chloride	Oct-01	<5,000*					
	Mar-04	NA	NA	<500,000	NA	<500,000	<500,000
	Sep-04	NA	<200,000	<200,000	NA	NA	<200,000
4-Methyl-2-pentanone	Oct-01	<25,000*					
	Mar-04	NA	NA	<1,250,000	NA	<1,250,000	<1,250,000
	Sep-04	NA	<2,500,000	<2,500,000	NA	NA	<2,500,000
Naphthalene	Oct-01	1,680,000*					
	Mar-04	NA	NA	1,980,000	NA	1,620,000	4,120,000
	Sep-04	NA	3,260,000	2,890,000	NA	NA	6,000,000
n-Propylbenzene	Mar-04	NS-FP	NS-FP	2,820,000	NA	3,230,000	2,980,000
	Sep-04	NA	3,787,000	3,700,000	NA	NA	4,240,000
Tetrachloroethene	Oct-01	531,000*					
	Mar-04	NA	NA	<500,000	NA	543,000	4,820,000
	Sep-04	NA	<200,000	<200,000	NA	NA	2,870,000
1,1,1-Trichloroethane	Oct-01	28,100,000*					
	Mar-04	NA	NA	8,870,000	NA	4,140,000	35,000,000
	Sep-04	NA	5,460,000	7,330,000	NA	NA	45,700,000
Trichloroethene	Oct-01	753,000*					
	Mar-04	NA	NA	<500,000	NA	<500,000	560,000
	Sep-04	NA	<200,000	<200,000	NA	NA	300,000
1,2,4-Trimethylbenzene	Oct-01	22,100,000*					
	Mar-04	NA	NA	31,900,000	NA	30,600,000	45,400,000
	Sep-04	NA	43,400,000	37,000,000	NA	NA	60,100,000
1,3,5-Trimethylbenzene	Oct-01	5,400,000*					
	Mar-04	NA	NA	8,560,000	NA	9,020,000	9,480,000
	Sep-04	NA	11,746,000	10,100,000	NA	NA	13,500,000
Toluene	Oct-01	9,010,000*					
	Mar-04	NA	NA	8,620,000	NA	15,300,000	11,400,000
	Sep-04	NA	9,010,000	15,200,000	NA	NA	16,400,000
Vinyl Chloride	Oct-01	<5,000*					
	Mar-04	NA	NA	<500,000	NA	<500,000	<500,000
	Sep-04	NA	<100,000	<100,000	NA	NA	<100,000
Xylenes	Oct-01	10,370,000*					
	Mar-04	NA	NA	17,600,000	NA	22,500,000	16,000,000
	Sep-04	NA	21,400,000	26,300,000	NA	NA	22,100,000

NA= Not Analyzed.
Blue= Chemicals stored on-site.
Red= Transformation compounds.

Table 3: Conductivity, pH, and TPH-gas Groundwater Sample Results using EPA Method 8015 (µg/L)

	Date	*MW-1	*MW-2	*MW-3	MW-4	MW-6	*MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
Screened Interval (bgl		40-60	30-50	29-49	17-27	20-30	34-55	30.5-40.5	30.5-45.5	25-40	30-40	30-40	52-62	55-65	54-64	29-46	56-66	21-46	30-45	57-67	53-63	30-40	71-81	67-77	71-81	30-40
Conductivity	Dec-02	NA	2011	2065	NA	NA	2710	NA	2331	2671	2656	1572	1374	1896	1821	2106	1885	2515	5977	1907	1746					
	Mar-03	NA	2094	1974	NA	NA	2758	NA	2325	4362	3793	1492	1802	1913	1816	2011	1892	2543	5912	1823	1695					
	Jun-03	NA	1763	1981	NA	NA	2862	NA	2406	4439	3245	1192	1832	1871	1851	1931	1913	2602	6017	1788	1790	2500	1200	1300	1300	3000
	Sep-03	NA	NA	NA	NA	NA	NA	NA	2540	3975	3560	1313	1904	2100	1948	2219	2530	3028	NS-FP	1986	1910	NS-NW	2265	1799	1683	NS-NW
	Dec-03	NA	NA	NA	NA	NA	NA	NA	2585	2850	3070	1387	1953	1984	1927	NS-FP	1981	2674	NS-FP	2192	1868	NS-NW	NA	NA	NA	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	2653	NS-FP	2582	1313	2060	1999	2073	NS-FP	1954	NS-FP	NS-FP	2196	2060	1653	NA	NA	NA	2302
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	2474	NS-FP	2502	1270	1612	1764	1826	NS-FP	1897	NS-FP	NS-FP	1779	1607	NA	1117	1507	1807	2032
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	2558	NS-FP	2374	1171	2014	1819	2032	NS-FP	1761	NS-FP	NS-FP	1997	1906	NA	NA	NA	NA	NS
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	2075	NS-FP	1595	1016	1750	1509	1725	NS-FP	1663	NS-FP	NS-FP	1843	NS-FP	NS-NW	NA	NA	NA	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	3398	4211	NS-FP	3357	1515	1744	2122	2981	1906	2170	NS-FP	NS-FP	1796	NS-FP	2528	NA	NA	NA	3679
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	1575	2476	1595	2359	1226	1700	1965	1812	2118	1961	NS-FP	NS-FP	1888	1747	1505	NA	NA	NA	2280
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	1579	2501	1457	1586	1168	1726	1640	1959	1977	1815	NS-FP	NS-FP	1862	1785	1426	NA	NA	NA	2192
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	1996	2921	1670	1872	1175	1985	2223	2158	2362	2494	NS-FP	NS-FP	2298	NS-FP	NS-NW	NA	NA	NA	1996
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	2040	2561	1433	2226	1222	2012	2207	2044	2179	2271	NS-FP	NS-FP	2176	NS-FP	1921	NA	NA	NA	2419
pH	Dec-02	NA	6.63	6.82	NA	NA	6.75	NA	6.58	6.82	6.87	7.02	6.97	6.83	6.93	6.56	6.93	6.86	7.02	6.99	6.99					
	Mar-03	NA	6.6	6.9	NA	NA	6.7	NA	7	6.7	6.6	7.1	7.5	7	7.8	6.8	7.2	6.6	6.9	7.3	7.6					
	Jun-03	NA	6.9	6.7	NA	NA	6.6	NA	6.7	6.4	6.6	6.4	6.8	6.8	6.7	6.5	6.6	6.3	6.7	6.9	6.6	NA	NA	NA	NA	NA
	Sep-03	NA	NA	NA	NA	NA	NA	NA	6.61	6.55	6.52	6.49	6.93	6.9	6.75	6.7	6.85	6.23	NS-FP	6.79	6.77	NS-NW	6.64	6.74	6.67	NS-NW
	Dec-03	NA	NA	NA	NA	NA	NA	NA	6.9	6.6	6.7	7.4	6.9	7.1	7	NS-FP	7.1	6.4	NS-FP	7	6.8	NS-NW	NA	NA	NA	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	6.7	NA	7	7	6.6	6.8	6.7	NS-FP	6.7	NS-FP	NS-FP	6.7	6.8	6.4	NA	NA	NA	7
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	6.7	NS-FP	6.6	6.9	6.9	6.7	6.7	NS-FP	6.9	NS-FP	NS-FP	6.8	6.7	NA	6.1	4.3	4.6	5.8
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	6.67	NS-FP	6.65	7	6.79	6.74	6.8	NS-FP	6.79	NS-FP	NS-FP	6.26	6.74	NA	NA	NA	NA	NS
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	6.9	NS-FP	6.6	6.9	6.6	6.8	6.6	NS-FP	6.4	NS-FP	NS-FP	6.5	NS-FP	NS-NW	NA	NA	NA	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	6.55	7.4	NS-FP	6.47	6.34	6.67	6.82	7.51	7.15	6.83	NS-FP	NS-FP	7.04	NS-FP	7.24	NA	NA	NA	6.94
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	6.59	6.39	6.39	6.6	6.3	6.42	7.48	6.49	6.52	7.66	NS-FP	NS-FP	6.49	6.8	6.52	NA	NA	NA	6.7
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	7.2	7	6.95	7	6.94	7.05	7.1	7.01	6.9	7	NS-FP	NS-FP	7.1	6.87	7	NA	NA	NA	6.69
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	7.04	6.76	6.93	6.65	6.85	6.92	7.03	6.81	6.75	6.97	NS-FP	NS-FP	7.03	NS-FP	NS-NW	NA	NA	NA	6.52
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	7.4	6.76	7.4	6.63	7.1	7.6	6.85	7.3	6.63	6.85	NS-FP	NS-FP	6.96	NS-FP	6.4	NA	NA	NA	7.1
TPH-gas	Feb-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
	Nov-00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
	Oct-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
	Feb-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
	Jun-02	724,000	14,600	22,500	NS-FP	Table 2	8,530	Table 2	22,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
	Oct-02	52,300	7,370	29,900	NS-FP	NS-FP	5,300	52300	1,730	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
	Dec-02	NA	9,330	11,400	NS-FP	NS-FP	6,250	NS-FP	1,530	68,300	22,600	9,420	38	7,130	326	3,250	77	41,700	197,000	61	405					
	Mar-03	NA	15,600	12,200	NS-FP	NS-FP	3,470	NS-FP	2,500	85,100	24,700	1,730	<50	1,480	270	5,350	<50	83,900	177,000	52	745					
	Jun-03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,630	<50	<50	<50	26,400
	Sep-03	NA	NA	NA	NA	NA	NA	NA	1,260	69,600	30,200	1,300	106	89	226	1,450	<50	44,900	NA	<50	998	NS-NW	<50	<50	<50	58,200
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	1,280	77,200	51,500	5,390	64	521	790	Table 2	<50	40,600	Table 2	1080	2,140	NS-NW	NA	NA	NA	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	1,430	Table 2	43,500	4,410	<50	154	1,680	NS-FP	<50	NS-FP	NS-FP	<50	2,650	3,060	NA	NA	NA	41,600
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	1,350	NS-FP	43,300	1,780	<50	120	172	NS-FP	<50	NS-FP	NS-FP	<50	511	NA	NA	NA	NA	NA
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	1,500	NS-FP	62,400	1,730	224	484	1,040	NS-FP	<50	NS-FP	NS-FP	<50	8,090	NS-NW	NA	NA	NA	NS
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	1,530	NS-FP	95,500	2,290	205	225	319	NS-FP	129	NS-FP	NS-FP	139	NS-FP	NS-NW	140	213	198	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	41,100	2,120	NS-FP	47,600	1,890	239	173	3,060	59,400	145	NS-FP	NS-FP	146	NS-FP	3,440	103	134	181	75,600
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	48,600	1,580	326,000	41,000	1,880	259	433	3,890	73,000	126	NS-FP	NS-FP	79.4	NS-FP	3,360	90.3	177	117	64,300
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	52,000	3,390	144,000	991,000	1,540	155	1,250	293	45,700	97.9	NS-FP	NS-FP	111	NS-FP	2,700	153	150	113	40,300
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	64,600	3,600	87,100	238,000	1,470	92.1	180	885	21,800	104	NS-FP	NS-FP	81.5	NS-FP	NS-NW	288	341	155	158,000
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	NA	1,960	44,100	41,500	83	195	69	234	NA	<50	NS-FP	NS-FP	106	NS-FP	NA	NA	NA	NA	NA

DTW= Depth to Water (below top of well casing).
NA= Not Analyzed.
NS-FP= Not Sampled Free Product present.
NS-NW= Not Sampled Not Enough Water present.
*= Abandoned Well.

ANCHEM1710

Table 4: Detected VOCs from Groundwater Sample Results using EPA Method 8260 (µg/L)

	Date	MW-1[1]	MW-2[2]	MW-3[3]	MW-4	MW-6	MW-7[1]	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
Screened Interval (feet bgs)		40-60	35-50	25-49	17-77	20-30	34-55	30.5-40.5	30.5-45.5	25-40	30-40	30-40	52-62	55-65	54-64	39-46	55-65	21-46	30-45	57-67	53-63	30-40	71-81	67-77	71-81	32-40
Depth to Water (feet) DTW	Feb-94	30.05	28.8	29.7	23.35	24.85	24.53																			
	Nov-00	35.62	35.28	38.42	26.2	28.52	28.19																			
	Oct-01	37.41	37.81	38.19	28.35	NA	29.7																			
	Nov-01	NA	NA	NA	28.36	28.85	NA																			
	Feb-02	36.2	36.39	37.39	28.44	30.32	29.21																			
	Jun-02	37.92	38.75	39.19	28.48	NA	30.07	30.91	30.88																	
	Oct-02	42.45	43.86	44.66	28.48	30.28	34.11	32.88	34.7																	
	Dec-02	NA	43.19	44.22	28.28	FP only	34.03	33.62	34.87	32.83	32.71	33.28	41.85	43.06	43.63	33.88	40.44	33.05	33.33	41.11	42.34					
	Mar-03	NA	41.07	41.35	28.38	FP only	33.16	32.81	33.22	32.44	32.48	33.07	38.77	40.85	41.53	32.01	38.28	35.36	33.42	39.08	40.38					
	Jun-03	NA	38.88	38.95	28.35	FP only	30.44	30.85	31.1	30.41	30.15	31.05	37.85	38.2	39.62	29.89	36.41	33.13	38.3	37.05	38.5	35.8	34.23	37.73	38.22	36.7
	Sep-03	NA	NA	NA	28.41	FP only	NA	32.34	34.29	31.88	31.84	33.26	42.16	43.79	44.19	33.48	40.85	38.37	33.29	41.57	42.88	39.87	39.55	42.89	44.35	38.45
	Dec-03	NA	NA	NA	28.39	FP only	NA	34.55	36.96	33.71	33.73	34.3	45.12	46.72	48.84	36.85	43.47	42.73	38.85	44.53	45.44	Dry	42.85	45.89	47.35	39.6
	Mar-04	NA	NA	NA	28.41	FP only	NA	36.2	36.19	34.85	34.36	35.02	45.98	47.41	47.92	36.88	44.56	40.26	37.15	45.22	46.59	38.51	43.25	46.41	48.03	36.7
	Jun-04	NA	NA	NA	28.4	FP only	NA	35.42	39.15	35.08	35.38	35.2	46.81	48.31	48.49	38.36	45.15	45.74	37.23	46.29	47.48	39.92	44.24	47.32	48.95	38.25
	Sep-04	NA	NA	NA	28.42	FP only	NA	38.18	41.05	36.53	35.82	35.62	48.27	51.06	51.32	40.1	48.21	FP only	38.34	48.82	50.09	Dry	46.88	49.83	51.62	NA
	Dec-04	NA	NA	NA	28.47	29.8	NA	36.02	41.89	35.83	36.26	36.32	51.18	52.71	53.16	40.34	49.57	40.5	37.23	50.59	51.82	Dry	48.54	51.35	53.22	39.52
	Mar-05	NA	NA	NA	28.43	29.9	NA	34	37.82	33.41	34.88	33.87	48.36	48.5	47.96	36.27	45.88	29.3	35.88	45.33	46.85	31.56	43.6	46.88	48.39	33.17
	Jun-05	NA	NA	NA	Dry	29.9	NA	33.89	38.28	33.49	34.12	33.81	41.48	41.27	42.75	34.05	40.45	34.76	34.88	39.87	41.69	39.07	38.28	41.83	43.05	33.07
	Sep-05	NA	NA	NA	Dry	29.81	NA	33.73	45.85	33.46	33.75	34.06	39.3	39.43	41.01	31.81	37.7	35.09	34.18	38.48	39.88	39.14	36.45	39.82	41.29	38.04
	Dec-05	NA	NA	NA	28.39	29.9	NA	33.26	33.56	33	32.71	33.28	40.33	40.72	42.14	32.23	38.83	34.85	33.71	39.88	41.2	39.68	37.65	40.98	42.44	38.98
	Mar-06	NA	NA	NA	28.6	29.89	NA	31.39	32.8	31.03	31.55	31.87	39.47	39.78	41.13	31.54	37.91	33.99	32.49	38.56	33.99	37.45	36.76	39.81	NA	32.21
VOCs																										
Acetone	Oct-01	<1,250	<250	<825	NS-NW	Table 2	1,190																			
	Feb-02	<825	<82.5	3,150	NS-FP	NS-FP	748																			
	Jun-02	<1,250	<2,500	<825	NS-FP	NS-FP	<125	NS-FP	<500																	
	Oct-02	<2,500	<250	<250	NS-FP	NS-FP	<1,250	NS-FP	<125																	
	Dec-02	NA	<1,250	<1,250	NS-FP	NS-FP	<825	NS-FP	<125	28,900	862	<125	<25	<825	<250	<1,250	<25	26,000	70,000	<25	<125					
	Mar-03	NA	<5,000	<2,500	NS-FP	NS-FP	<825	NS-FP	<125	25,800	6,780	<250	<25	<825	<250	<825	<25	38,700	70,200	<25	<125					
	Jun-03	NA	<500	<1,000	NS-FP	NS-FP	<125	NS-FP	<50	48,400	13,900	<125	<25	<25	<62.5	<125	<25	82,700	105,000	<62.5	<5	<250	<25	<25	<25	34,100
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<50	73,000	6,850	<12.5	<5	<5	<10	<125	<5	44,200	NS-FP	<5	<25	NS-NW	<5	<5	<5	24,500
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<5	18,200	2,240	<12.5	<5	<10	<12.5	NS-FP	<5	32,400	NS-FP	<5	<100	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<50	Table 2	33,000	<12.5	<5	<5	<5	NS-FP	<5	Table 2	Table 2	<5	<12.5	<10	Table 5	Table 5	Table 5	10,200
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	888	<10	<5	<5	<5	NS-FP	<5	NS-FP	NS-FP	<5	<10	NS-NW	<5	<5	<5	7,220
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<25	NS-FP	586	<10	<5	<5	<5	NS-FP	<5	NS-FP	NS-FP	<5	<10	NS-NW	<5	<5	<5	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<25	NS-FP	<500	<5	<5	<10	<5	NS-FP	<5	NS-FP	NS-FP	<5	NS-FP	NS-NW	<5 SU	<5 SU	<5 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	<500	<12.5	NS-FP	151,000	<12.5	<5	<5	<5	<125	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	<5 SU	7,170
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	<100	<50	<1,000	6,850	<5	<5	<5	<100	<250	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	<5 SU	64,200
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	1,900	180	2,290	1,130	<5	<5	<5	<100	<250	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	<5 SU	23,800
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	<50	<50	<1,250	<500	<5	<5	42	<5	<100	<5	NS-FP	NS-FP	<5	NS-FP	NS-NW	<5 SU	<5 SU	<5 SU	9,440
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<1000	<100	<1000	<1000	<5	<5	<5	<10	<100	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	NA	6,870
Benzene	Feb-94	184	<100	83	111	785	46																			
	Nov-00	<2,500	61	73	NS-FP	NS-FP	65																			
	Oct-01	125	105	110	NS-NW	Table 2	55																			
	Feb-02	231	204	108	NS-FP	NS-FP	63.2																			
	Jun-02	300	222	125	NS-FP	NS-FP	<5	NS-FP	90.8																	
	Oct-02	245	177	89.2	NS-FP	NS-FP	121	NS-FP	883																	
	Dec-02	NA	180	137	NS-FP	NS-FP	<25	NS-FP	85.2	<500	431	19.5	1	<25	<10	79	<1	610	1,160	<1	7.9					
	Mar-03	NA	172	127	NS-FP	NS-FP	62.6	NS-FP	54	302	874	13.3	<1	<25	<10	82.6	<1	<500	1,100	<1	9					
	Jun-03	NA	<100	<200	NS-FP	NS-FP	61	NS-FP	84.4	250	520	<5	<1	<1	5.7	97.5	<1	392	1,390	<2.5	18	13.5	<1	<1	<1	125
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	75	340	275	5.5	<1	5.6	5.6	72	<1	380	NS-FP	<1	53	NS-NW	<1	<1	<1	270
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	2.1	292	768	9.1	<1	14.6	12.9	NS-FP	<1	415	NS-FP	1.3	64	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	29.3	Table 2	835	7.5	<1	4.5	38.1	NS-FP	<1	Table 2	Table 2	<1	92.7	34	Table 5	Table 5	Table 5	225
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	26.5	NS-FP	718	2.2	<1	1.9	3.4	NS-FP	<1	NS-FP	NS-FP	<1	5	NS-NW	<1	<1	<1	142
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	23.9	NS-FP	709	0.6	<1	3.2	14.6	NS-FP	<1	NS-FP	NS-FP	<1	138	NS-NW	<1	<1	<1	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	17	NS-FP	1,040	<1	<1	<2	1.9	NS-FP	<1	NS-FP	NS-FP	<1	NS-FP	NS-NW	<1 SU	<1 SU	<1 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	254	25	NS-FP	423	<2.5	<1	1.1	22.4	61.3	<1	NS-FP	NS-FP	<1	NS-FP	26.2	<1 SU	<1 SU	<1 SU	174
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	268	30.4	<200	449	<1	<1	4.1	55.2	102	<1	NS-FP	NS-FP	<1	NS-FP	25	<1 SU	<1 SU	<1 SU	170
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	426	41.7	<250	611	<1	<1	53.3	7.1	67.8	<1	NS-FP	NS-FP	<1	NS-FP	27.8	<1 SU	<1 SU	<1 SU	150
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	286	36.4	<250	524	<1	<1	<2	27.5	67.2	<1	NS-FP	NS-FP	<1	NS-FP	NS-NW	<1 SU	<1 SU	<1 SU	257
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	244	44.2	<200	354	<1	<1	<1	1.67	176	<1	NS-FP	NS-FP	<1	NS-FP	<20	<1 SU	<1 SU	NA	132

Table 4 (cont.): Detected VOCs from Groundwater Sample Results using EPA Method 8260 (µg/L)

VOCs	Date	MW-1[1]	MW-2[2]	MW-3[2]	MW-4	MW-6	MW-7[1]	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-18	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
2-Butanone (MEK)	Feb-94	NA	NA	NA	NA	NA	NA																			
	Nov-00	3,100	<10,000	<10,000	NS-FP	NS-FP	1,400																			
	Oct-01	<1,250	<250	500	NS-NW	Table 2	980																			
	Feb-02	<625	<62.5	<500	NS-FP	NS-FP	<50																			
	Jun-02	<1,250	<2,500	<625	NS-FP	NS-FP	<125	NS-FP	<500																	
	Oct-02	<2,500	<250	<250	NS-FP	NS-FP	<1,250	NS-FP	<125																	
	Dec-02	NA	<1,250	<1,250	NS-FP	NS-FP	<625	NS-FP	<125	15,300	1,160	<125	<25	<625	<250	<1,250	<25	9,300	13,500	<25	<125					
	Mar-03	NA	<5,000	<2,500	NS-FP	NS-FP	<625	NS-FP	<125	21,100	15,600	<250	<25	<625	<250	<625	<25	23,900	28,900	<25	<125					
	Jun-03	NA	<500	<1,000	NS-FP	NS-FP	<125	NS-FP	<50	20,200	5,860	<125	<25	<25	<62.5	<125	<25	29,800	43,800	<62.5	<5	<250	<25	<25	<25	11,300
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<50	58,000	5,560	<12.5	<5	<5	<10	<125	<5	32,000	NS-FP	<5	<25	NS-NW	<5	<5	<5	11,000
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<5	4,080	<1,000	<12.5	<5	<10	<12.5	NS-FP	<5	23,700	NS-FP	<5	<100	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<50	Table 2	13,600	<12.5	<5	<5	<5	NS-FP	<5	Table 2	Table 2	<5	<12.5	<10	Table 5	Table 5	Table 5	8,050
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	<250	<10	<5	<5	<5	NS-FP	<5	NS-FP	NS-FP	<5	<10	NS-NW	<5	<5	<5	2,260
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<25	NS-FP	<125	<10	<5	<5	<5	NS-FP	<5	NS-FP	NS-FP	<5	<10	NS-NW	<5	<5	<5	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<25	NS-FP	<500	<5	<5	<10	<5	NS-FP	<5	NS-FP	NS-FP	<5	NS-FP	NS-NW	<5 SU	<5 SU	<5 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	<500	<12.5	NS-FP	18,000	<12.5	<5	<5	<5	<125	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	<5 SU	8,250
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	<100	<50	<1,000	<500	<5	<5	<5	<100	<250	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	<5 SU	10,500
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	<500	<50	<1,250	<500	<5	<5	<10	<5	<100	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	<5 SU	1,800
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	<50	<50	<1,250	<500	<5	<5	<10	<5	<100	<5	NS-FP	NS-FP	<5	NS-FP	NS-NW	<5 SU	<5 SU	<5 SU	4,120
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<1000	<100	<1000	<1000	<5	<5	<5	<10	<100	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	NA	381J
Chloroethane	Feb-02	<125	119	<100	NS-FP	NS-FP	17																			
	Jun-02	<250	<500	<125	NS-FP	NS-FP	<25	NS-FP	<100																	
	Oct-02	<500	<50	<50	NS-FP	NS-FP	<250	NS-FP	<25																	
	Dec-02	NA	<250	<250	NS-FP	NS-FP	<125	NS-FP	<25	<2,500	<125	<25	<5	<125	<50	<250	<5	<500	<2,500	<5	<25					
	Mar-03	NA	<1,000	<500	NS-FP	NS-FP	248	NS-FP	<25	<1,000	869	<50	<5	<125	<50	<125	<5	<2,500	<2,500	<5	<25					
	Jun-03	NA	4,600	19,500	NS-FP	NS-FP	311	NS-FP	<20	5,000	780	<10	<2	<2	<5	<50	<2	1,970	2,680	<5	<2	<20	<2	<2	<2	<100
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<20	940	1,700	<5	<2	<2	<4	<50	<2	460	NS-FP	<2	<10	NS-NW	<2	<2	<2	<100
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<2	826	1,590	<5	<2	<4	<5	NS-FP	<2	<200	NS-FP	<2	<40	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	Table 2	4,870	<5	<2	<2	49.4	NS-FP	<2	Table 2	Table 2	<2	<5	104	Table 5	Table 5	Table 5	2,000
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<4	NS-FP	3,960	<4	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	<4	NS-NW	<2	<2	<2	<40
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	3,080	<4	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	<4	NS-NW	<2	<2	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	3,400	<2	<2	<4	<2	NS-FP	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 SU	<2 SU	<2 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	143	8.8	NS-FP	14,410	<5	<2.5	<2	10.9	126	<2	NS-FP	NS-FP	<2	NS-FP	104	<2 SU	<2 SU	<2 SU	<100
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	48	<20	<400	1,390	7.7	<2	<2	<40	<100	<2	NS-FP	NS-FP	<2	NS-FP	97.8	<2 SU	<2 SU	<2 SU	<100
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	<20	1040	2,700	18.8	<2	<4	8.6	<40	<2	NS-FP	NS-FP	<2	NS-FP	42.8	<2 SU	<2 SU	<2 SU	<100
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	111	<20	588	2,810	<2	<2	<4	30.4	<40	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 SU	<2 SU	<2 SU	<100
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<400	<40	6723	1,350	<2	<2	<2	<4	<40	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	NA	<200
1,1-Dichloroethane (1,1-DCA)	Feb-94	849	1,130	35	1410	2,260	2,130																			
	Nov-00	17,000	1,800	800	NS-FP	NS-FP	2,900																			
	Oct-01	8,190	1,500	1,030	NS-NW	Table 2	2,670																			
	Feb-02	20,600	2,310	1,350	NS-FP	NS-FP	5,490																			
	Jun-02	18,900	2,700	1,340	NS-FP	NS-FP	4,150	NS-FP	1,210																	
	Oct-02	30,400	2,550	1,130	NS-FP	NS-FP	5,880	NS-FP	1,390																	
	Dec-02	NA	1,920	1,190	NS-FP	NS-FP	3,630	NS-FP	1,190	42,400	19,400	3,930	17.3	171	79.8	3,930	13	4,390	5,150	18.2	141					
	Mar-03	NA	2,180	1,710	NS-FP	NS-FP	3,750	NS-FP	1,020	41,900	48,800	1,600	8.4	150	117	3,130	2.5	8,700	5,110	18	278					
	Jun-03	NA	1,140	1,020	NS-FP	NS-FP	3,470	NS-FP	1,460	51,700	37,800	364	11.6	<2	107	3,330	<2	9,820	8,840	47.8	835	1,200	<2	<2	<2	831
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	1,950	47,400	43,000	505	<2	101	88	4,450	<2	7,040	NS-FP	28.5	1,370	NS-NW	3.1	<2	5	1,870
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	50	53,500	49,200	736	2.3	219	262	NS-FP	<2	5,440	NS-FP	123	2,300	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	966	Table 2	52,700	465	2.6	110	872	NS-FP	<1	Table 2	Table 2	89.2	2,240	1,900	Table 5	Table 5	Table 5	3,820
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	910	NS-FP	55,000	300	5.6	45.9	53.6	NS-FP	4.3	NS-FP	NS-FP	12.8	203	NS-NW	<1	<1	<1	1,750
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	628	NS-FP	29,400	150	2.6	154	188	NS-FP	<1	NS-FP	NS-FP	2.5	2,780	NS-NW	2.9	52.1	<1	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	496	NS-FP	85,300	158	17.4	101	101	NS-FP	<1	NS-FP	NS-FP	1.9	NS-FP	NS-NW	<1 SU	<1 SU	<1 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	22,300	1,230	NS-FP	34,800	191	15.5	63.8	693	3,030	<1	NS-FP	NS-FP	7.7	NS-FP	1,380	8.4 SU	2.3 SU	<1 SU	1,670
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	23,000	1,640	44,000	27,900	49.1	11.5	134	961	2,690	<1	NS-FP	NS-FP	7.3	NS-FP	1,620	6.3 SU	1 SU	<1 SU	2,010
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	45,000	2,570	46,600	45,200	63.4	8.9	154	108	4,060	<1	NS-FP	NS-FP	17.4	NS-FP	1,870	4.0 SU	5.4 SU	<1 SU	2,230
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	33,000	2,430	33,100	34,100	20.5	5.5	77.2	262	3,990	<1	NS-FP	NS-FP	27.1	NS-FP	NS-NW	51.5 SU	5.9 SU	<1 SU	2,300
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	25,700	2,130	26,000	41,300	1.5J	4.9J	7.9	50.3	3,390*	<1	NS-FP	NS-FP	3.6J	NS-FP	1,060	<1 SU	7.2 SU	NA	1,850

Table 4 (cont.): Detected VOCs from Groundwater Sample Results using EPA Method 8260 (µg/L)

VOCs	Date	MW-1[1]	MW-2[1]	MW-3[1]	MW-4	MW-5	MW-7[1]	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-28
1,2-Dichloroethane	Feb-94	<100	<100	<50	<100	1140	31																			
	Nov-00	<2,500	<500	<500	NS-FP	NS-FP	<500																			
	Oct-01	<250	<50	<125	NS-NW	Table 2	<25																			
	Feb-02	<125	<12.5	<100	NS-FP	NS-FP	43.4																			
	Jun-02	<250	<500	<125	NS-FP	NS-FP	<25	NS-FP	<100																	
	Oct-02	<500	<50	<50	NS-FP	NS-FP	<250	NS-FP	<25																	
	Dec-02	NA	<250	<250	NS-FP	NS-FP	<125	NS-FP	<25	<2,500	<125	<25	<5	<125	<50	25	<5	<500	<2,500	<5	<25					
	Mar-03	NA	<1,000	<500	NS-FP	NS-FP	<125	NS-FP	11.5	<1,000	228	<50	<5	<125	<50	57.5	<5	<2,500	<2,500	<5	<25					
	Jun-03	NA	<200	<400	NS-FP	NS-FP	<50	NS-FP	<20	<400	<400	<10	<2	<2	<5	<50	<2	<400	<1,000	<5	<2	<20	<2	<2	<2	<100
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<20	<400	103	<5	<2	<2	<4	<50	<2	<200	NS-FP	<2	<10	NS-NW	<2	<2	<2	<100
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<2	<400	<400	<5	<2	9.2	<5	NS-FP	<2	<200	NS-FP	<2	<40	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	Table 2	130	<5	<2	5	2.1	NS-FP	<2	Table 2	Table 2	<2	17.5	11.7	Table 5	Table 5	Table 5	<100
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	4.8	NS-FP	45	<4	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	1.8	NS-NW	<2	<2	<2	<40
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	<50	<4	<2	6	<2	NS-FP	<2	NS-FP	NS-FP	<2	18.3	NS-NW	<2	<2	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	<200	<2	<2	<4	<2	NS-FP	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	8.1 [SU]	13.9 [SU]	2.4 [SU]	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	<5	NS-FP	<200	<5	<2	<2	<2	43	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	<2 [SU]	<100
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	<40	<20	<400	<200	<2	<2	6.4	<40	<100	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	<2 [SU]	<100
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	<20	<500	<200	<2	<2	3.9	<2	<40	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	<2 [SU]	<100
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	<20	<20	<500	<200	<2	<2	<2	<3	42.6	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 [SU]	<2 [SU]	<2 [SU]	<100
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<400	<40	<400	<400	<2	<2	<2	<4	14.0[J]	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	NA	<400
1,1-Dichloroethene (1,1-DCE)	Feb-94	2,210	2,450	2,800	808	1,240	151																			
	Nov-00	3,000	<500	2,900	NS-FP	NS-FP	350																			
	Oct-01	1,200	1,120	4,090	NS-NW	Table 2	385																			
	Feb-02	4,050	1,480	3,900	NS-FP	NS-FP	778																			
	Jun-02	4,900	2,090	2,890	NS-FP	NS-FP	423	NS-FP	1,540																	
	Oct-02	3,600	2,100	178	NS-FP	NS-FP	547	NS-FP	1,820																	
	Dec-02	NA	2,230	195	NS-FP	NS-FP	538	NS-FP	1,480	2,840	3,490	154	38.6	142	52.4	1,530	18.6	6,850	17,700	26.8	207					
	Mar-03	NA	2,490	1,410	NS-FP	NS-FP	213	NS-FP	1,100	2,550	2,940	18.5	18.8	125	60.8	2,470	17.1	5,290	16,600	18.5	280					
	Jun-03	NA	1,490	2,370	NS-FP	NS-FP	384	NS-FP	1,290	3,370	1,480	29.2	44.2	29.8	124	3,500	16	4,610	24,200	248	756	156	2	<2	4.2	2,340
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	1,820	1,780	1,050	14.5	27.2	274	98	2,470	14.2	4,280	NS-FP	45.7	1,800	NS-NW	<2	<2	<2	5,600
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	43.5	2,750	1,810	7.3	10.8	675	234	NS-FP	7.8	4,170	NS-FP	43.8	1,960	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	1,280	Table 2	520	7.3	6.7	264	725	NS-FP	3.8	Table 2	Table 2	21	2,540	440	Table 5	Table 5	Table 5	7,740
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	1,100	NS-FP	435	4.5	30.7	96.9	40.5	NS-FP	24.7	NS-FP	NS-FP	78.1	299	NS-NW	9.7	15.8	7.9	8,150
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	906	NS-FP	434	4.5	13.9	346	198	NS-FP	2.9	NS-FP	NS-FP	10.5	2,730	NS-NW	0.7	1.7	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	731	NS-FP	380	1.8	22.7	185	70.2	NS-FP	5.5	NS-FP	NS-FP	14.8	NS-FP	NS-NW	3.2 [SU]	8.6 [SU]	9.0 [SU]	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	1,890	1,240	NS-FP	338	5.7	34.9	140	945	1,840	10.2	NS-FP	NS-FP	12.1	NS-FP	564	<2 [SU]	17.7 [SU]	17.5 [SU]	8,040
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	12,550	1,260	2,750	418	<2	34.9	396	858	1,370	7.1	NS-FP	NS-FP	18.7	NS-FP	441	<2 [SU]	18.5 [SU]	5.3 [SU]	8,250
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	1,960	2,200	1,530	911	<2	48.7	452	142	3,430	15.2	NS-FP	NS-FP	41.8	NS-FP	528	67.8 [SU]	22.9 [SU]	10.3 [SU]	11,100
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	1,100	2,000	1,170	600	<2	49.8	262	89.1	3,480	11.3	NS-FP	NS-FP	57.4	NS-FP	NS-NW	836 [SU]	50.6 [SU]	8.2 [SU]	9,210
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	490[J]	2,090*	3240	9563	<2	63.8	46.9	120	2,380	21.7	NS-FP	NS-FP	<2	NS-FP	77.0[J]	21.3 [SU]	56.6 [SU]	NA	9,050
cis 1,2-Dichloroethene (cis 1,2-DCE)	Feb-94	NA	NA	NA	NA	NA	NA																			
	Nov-00	20,000	9,500	5,700	NS-FP	NS-FP	210																			
	Oct-01	10,900	8,150	7,000	NS-NW	Table 2	194																			
	Feb-02	29,100	11,100	7,960	NS-FP	NS-FP	268																			
	Jun-02	31,100	14,500	8,860	NS-FP	NS-FP	236	NS-FP	812																	
	Oct-02	20,700	10,400	212	NS-FP	NS-FP	311	NS-FP	735																	
	Dec-02	NA	11,500	595	NS-FP	NS-FP	288	NS-FP	830	23,300	6,700	180	46.5	564	332	978	38	18,100	11,800	9.3	324					
	Mar-03	NA	11,300	3,090	NS-FP	NS-FP	223	NS-FP	483	20,900	10,100	18.6	17.6	383	496	1,150	7.1	21,200	11,100	6.9	543					
	Jun-03	NA	2,270	6,220	NS-FP	NS-FP	214	NS-FP	552	24,600	8,740	24.8	40	5.8	817	1,540	2.2	23,900	13,000	7	1,060	3,860	<2	<2	<2	938
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	848	8,290	6,960	8	25.2	49	438	896	<2	15,900	NS-FP	4.6	2,450	NS-NW	8.7	<2	2.4	2,130
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	21.3	17,200	1,830	5.1	10.8	113	1,570	NS-FP	<2	14,500	NS-FP	26.7	4,400	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	381	Table 2	5,650	3.8	11.2	69.8	2,890	NS-FP	2.2	Table 2	Table 2	18.8	4,090	6,020	Table 5	Table 5	Table 5	5,130
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	370	NS-FP	4,150	<4	35	36.9	102	NS-FP	8.7	NS-FP	NS-FP	4	437	NS-NW	2.8	18.2	1.8	6,550
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	327	NS-FP	3,730	1.6	16.7	110	790	NS-FP	1.5	NS-FP	NS-FP	3.7	5,370	NS-NW	8	4.6	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	315	NS-FP	13,600	2	31.7	79.2	72.2	NS-FP	10.1	NS-FP	NS-FP	5.5	NS-FP	NS-NW	4.5 [SU]	5.8 [SU]	2.2 [SU]	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	5,080	340	NS-FP	3,540	<5	18.3	55.3	3,450	2,260	8.7	NS-FP	NS-FP	7.5	NS-FP	3,040	4.2 [SU]	6.5 [SU]	6.0 [SU]	5,900
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	5,490	413	9,860	4,410	3.4	23.7	108	3,830	1,510	5.2	NS-FP	NS-FP	2.3	NS-FP	3,250	2.3 [SU]	3.2 [SU]	2.6 [SU]	8,950
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	8,740	638	6,800	8,240	3	18	84.3	176	2,800	3.8	NS-FP	NS-FP	7.7	NS-FP	3,250	6.1 [SU]	5.0 [SU]	3.4 [SU]	11,200
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	5,890	594	4,380	5,350	4.4	11.3	56.8	265	4,110	3	NS-FP	NS-FP	7.3	NS-FP	NS-NW	24.9 [SU]	14.5 [SU]	2.7 [SU]	10,600
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	2,030	524	1,900	12,800	<2	12.7	8.4	187	4,470*	3.4[J]	NS-FP	NS-FP	3.75	NS-FP	2,250	8.2 [SU]	16.5 [SU]	NA	9,820

Table 4 (cont.): Detected VOCs from Groundwater Sample Results using EPA Method 8260 (µg/L)

VOCs	Date	MW-1[1]	MW-2[2]	MW-3[1]	MW-4	MW-5	MW-7[2]	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
trans 1,2-Dichloroethene	Feb-94	NA	NA	NA	NA	NA	NA																			
	Nov-00	<2,500	<500	<500	NS-FP	NS-FP	<500																			
	Oct-01	<250	<50	<125	NS-NW	Table 2	<25																			
	Feb-02	<125	<12.5	<100	NS-FP	NS-FP	<10																			
	Jun-02	<250	<500	<125	NS-FP	NS-FP	<25	NS-FP	<100																	
	Oct-02	<500	<50	<50	NS-FP	NS-FP	<250	NS-FP	<25																	
	Dec-02	NA	<250	<250	NS-FP	NS-FP	<125	NS-FP	<25	<2,500	<125	<25	<5	<125	<50	<250	<5	<500	<2,500	<5	<25					
	Mar-03	NA	<1,000	<500	NS-FP	NS-FP	<125	NS-FP	<25	<1,000	<500	<50	<5	<125	<50	<125	<5	<2,500	<2,500	<5	<25					
	Jun-03	NA	<200	<400	NS-FP	NS-FP	<50	NS-FP	<20	<400	<400	<10	<2	<2	<5	<50	<2	<400	<1,000	<5	<2	<20	<2	<2	<2	<100
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<20	<400	<50	<5	<2	<2	<4	<50	<2	<200	NS-FP	<2	12	NS-NW	<2	<2	<2	120
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<2	<400	<400	5	<2	<4	<5	NS-FP	<2	<200	NS-FP	<2	<40	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	Table 2	<100	<5	<2	<2	29.4	NS-FP	<2	Table 2	Table 2	<2	14.5	32.3	Table 5	Table 5	Table 5	<100
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<4	NS-FP	<100	<4	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	2	NS-NW	<2	<2	<2	<40
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	<50	<4	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	24	NS-NW	<2	<2	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	<200	<2	<2	<4	<2	NS-FP	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 BU	<2 BU	<2 BU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	<5	NS-FP	<200	<5	<2	<2	<2	<50	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 BU	<2 BU	<2 BU	<100
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	<40	<20	<400	<200	<2	<2	<2	<40	<100	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 BU	<2 BU	<2 BU	<100
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	<20	<500	<200	<2	<2	<4	<2	<40	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 BU	<2 BU	<2 BU	<100
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	<20	<20	<500	<200	<2	<2	<4	<2	<40	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 BU	<2 BU	<2 BU	<100
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<400	<40	<400	<400	<2	<2	<2	<4	<40	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 BU	<2 BU	NA	<200
1,4-Dioxane	Oct-02				NS-FP	NS-FP		NS-FP																		
	Dec-02	NA	<5,000	<5,000	NS-FP	NS-FP	11,300	NS-FP	8,540	<50,000	<2,500	<500	<100	<2,500	<1,000	16,500	<100	<10,000	<50,000	176	<500					
(* = Analyzed using	Mar-03	NA	<10,000	<5,000	NS-FP	NS-FP	21,900	NS-FP	7,200	<10,000	<5,000	<250	29	<625	<250	6,850	<25	<25,000	<25,000	112	<125					
EPA Method 8270)	Jun-03	NA	<5,000	<10,000	NS-FP	NS-FP	22,300	NS-FP	12,800	<10,000	<10,000	<250	<50	<50	<125	12,000	<50	<10,000	<25,000	<125	<50	<500	<50	<50	<50	<2,500
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	7,150	<10,000	<1,250	<125	<50	<50	<100	<1,250	<50	<5,000	NS-FP	88	<250	NS-NW	<50	<50	<50	<2,500
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<50	<10,000	<10,000	<125	<50	<100	<125	NS-FP	<50	<5,000	NS-FP	<50	<1,000	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<500	Table 2	546*	<125	<50	38.6*	54.4*	NS-FP	<50	Table 2	Table 2	<50	314*	936*	Table 5	Table 5	Table 5	818*
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	4,000*	NS-FP	418*	2.8*	<2*	93*	8.4*	NS-FP	<2*	NS-FP	NS-FP	5.3*	28*	NS-NW	NA	NA	NA	NA
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	1,310*	NS-FP	304*	<2*	<2*	278*	90*	NS-FP	<2*	NS-FP	NS-FP	<2*	678*	NS-NW	<200	<200	<200	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	468*	NS-FP	<2*	<2*	<2*	51*	42*	NS-FP	<2*	NS-FP	NS-FP	<2*	NS-FP	NS-NW	NA	NA	NA	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	101*	2670*	NS-FP	847*	<2*	<2*	63.9*	336*	18.6*	<2*	NS-FP	NS-FP	7.9*	NS-FP	123*	NA	NA	NA	311*
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	190*	3,560*	26	230	<2*	7.9*	472*	333*	1,760*	<2*	NS-FP	NS-FP	8*	NS-FP	NA	NA	NA	NA	385*
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	8,110	28,700	<500	<200	<2*	9*	701	38.7	13,500	2*	NS-FP	NS-FP	40.2*	NS-FP	578	<50	<50	<50	<2500
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	167*	24,100	124*	<200	<2*	<2*	<100	51.1	10,300	<2*	NS-FP	NS-FP	96.5*	NS-FP	NS-NW	<50	<50	<50	<2500
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	47.4*	6,950	<10,000	<10,000	<2*	2.5*	36.7*	17.6*	4,120	<2*	NS-FP	NS-FP	2.5*	NS-FP	<1,000	<50	<50	NA	<5,000
Ethylbenzene	Feb-94	333	1,720	115	1,190	1,910	46																			
	Nov-00	960	120	1,000	NS-FP	NS-FP	82																			
	Oct-01	805	197	1,550	NS-NW	Table 2	107																			
	Feb-02	875	115	1,360	NS-FP	NS-FP	94.4																			
	Jun-02	1,460	147	1,470	NS-FP	NS-FP	124	NS-FP	<1																	
	Oct-02	864	488	945	NS-FP	NS-FP	213	NS-FP	<1																	
	Dec-02	NA	590	1,150	NS-FP	NS-FP	50	NS-FP	<5	1,480	987	270	<1	334	<10	<50	<1	425	1,710	<1	<5					
	Mar-03	NA	614	982	NS-FP	NS-FP	100	NS-FP	<5	1,290	1,650	200	<1	25.3	<10	<25	<1	1,050	2,270	<1	<5					
	Jun-03	NA	<100	722	NS-FP	NS-FP	65.3	NS-FP	<10	1,400	940	11.1	<1	<1	<2.5	<25	<1	1,010	2,480	<2.5	31	<10	<1	<1	<1	1,820
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<10	1,380	1,010	52.5	2	<1	<2	<25	<1	740	NS-FP	<1	5.5	NS-NW	<1	<1	<1	2,900
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<1	1,450	1,140	157	<1	<2	<2.5	NS-FP	<1	690	NS-FP	<1	<1	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	Table 2	1,080	254	<1	<1	8.7	NS-FP	<1	Table 2	Table 2	<1	6.8	<2	Table 5	Table 5	Table 5	3,180
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<2	NS-FP	633	74.4	<1	<1	2.5	NS-FP	<1	NS-FP	NS-FP	<1	<2	NS-NW	<1	<1	<1	2,830
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<5	NS-FP	1,180	180	<1	<1	4.7	NS-FP	<1	NS-FP	NS-FP	<1	9.4	NS-NW	<1	<1	<1	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<5	NS-FP	1,360	84.8	<1	<2	<1	NS-FP	<1	NS-FP	NS-FP	<1	NS-FP	NS-NW	<1 BU	<1 BU	<1 BU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	1,270	<2.5	NS-FP	880	81	<1	<1	2.4	342	<1	NS-FP	NS-FP	<1	NS-FP	<20	<1 BU	<1 BU	<1 BU	3,060
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	1,230	<10	1,890	1,060	42.7	<1	<1	<20	323	<1	NS-FP	NS-FP	<1	NS-FP	<20	<1 BU	<1 BU	<1 BU	3,530
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	1,120	18.5	1,280	1,360	21.2	<1	48.6	1.8	221	<1	NS-FP	NS-FP	<1	NS-FP	<20	<1 BU	<1 BU	<1 BU	1,960
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	1,780	<10	1,820	1,850	10.3	<1	<4	7.2	242	<1	NS-FP	NS-FP	<1	NS-FP	NS-NW	<1 BU	<1 BU	<1 BU	2,070
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	1,320	<20	1,510	714	<1	<1	<1	<2	219	<1	NS-FP	NS-FP	<1	NS-FP	<1	<1 BU	<1 BU	NA	1,670

Table 4 (cont.): Detected VOCs from Groundwater Sample Results using EPA Method 8260 (µg/L)

VOCs	Date	MW-1[1]	MW-2[2]	MW-3[3]	MW-4	MW-6	MW-7[4]	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
Methylene Chloride	Feb-94	1,220	2,880	6,530	4,780	21,400	<50																			
	Nov-00	1,100	180	5,600	NS-FP	NS-FP	180																			
	Oct-01	<1,250	<250	<625	NS-NW	Table 2	<125																			
	Feb-02	<250	18.5	3,860	NS-FP	NS-FP	<20																			
	Jun-02	<250	<500	<125	NS-FP	NS-FP	<25	NS-FP	<100																	
	Oct-02	<500	<50	<50	NS-FP	NS-FP	<250	NS-FP	<25																	
	Dec-02	NA	<250	<250	NS-FP	NS-FP	<125	NS-FP	<25	<2,500	<125	<25	<5	<125	<50	<250	<5	<500	<2,500	<5	<25					
	Mar-03	NA	<1,000	1,630	NS-FP	NS-FP	<125	NS-FP	<25	<1,000	<500	<50	<5	<125	<50	<125	<5	<2,500	12,500	<5	<25					
	Jun-03	NA	<200	<400	NS-FP	NS-FP	<50	NS-FP	<20	<400	<400	<10	<2	<2	<5	<50	<2	<400	12,600	<5	<2	113	<2	<2	<2	10,600
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<20	<400	<50	<5	<2	<2	<4	<50	<2	<200	NS-FP	<2	<10	NS-NW	<2	<2	<2	14,600
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<2	<400	<400	<5	<2	<4	<5	NS-FP	<2	<200	NS-FP	<2	<40	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	Table 2	<100	<5	<2	<2	<2	NS-FP	<2	Table 2	Table 2	<2	<10	6.6	Table 5	Table 5	Table 5	8,300
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<4	NS-FP	<100	<4	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	<4	NS-NW	<2	<2	<2	11,900
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	<50	<4	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	<4	NS-NW	<2	<2	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	<200	<2	<2	<4	<2	NS-FP	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 SU	<2 SU	<2 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	<5	NS-FP	<200	<5	<2	<2	<2	<50	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	4,730
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	<40	<20	<400	<200	<2	<2	<2	<40	<100	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	5,060
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	<20	<500	<200	<2	<2	<4	<2	<40	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	8,500
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	<20	<20	<500	<200	<2	<2	<4	<2	<40	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 SU	<2 SU	<2 SU	10,000
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<400	<40	<400	<400	<2	<2	<2	<4	<40	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	NA	3,960
4-Methyl-2-pentanone (MIBK)	Oct-01	<1,250	<250	4,130	NS-NW	Table 2	625																			
	Feb-02	<625	<62.5	3,470	NS-FP	NS-FP	378																			
	Jun-02	<1,250	<2,500	2,850	NS-FP	NS-FP	388	NS-FP	<500																	
	Oct-02	<2,500	<250	1,410	NS-FP	NS-FP	276	NS-FP	<125																	
	Dec-02	NA	<1,250	<1,250	NS-FP	NS-FP	<625	NS-FP	<125	<12,500	3,540	<125	<25	<625	<250	<1,250	<25	<2,500	<12,500	<25	<125					
	Mar-03	NA	<5,000	<2,500	NS-FP	NS-FP	<625	NS-FP	<125	8,180	3,660	<250	<25	<625	<250	<625	<25	7,400	10,100	<25	<125					
	Jun-03	NA	<500	<1,000	NS-FP	NS-FP	<125	NS-FP	<50	6,020	5,340	<125	<25	<25	<62.5	<125	<25	12,600	14,400	<62.5	<5	<250	<25	<25	<25	8,250
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<50	10,900	1,370	<12.5	<5	<5	<10	<125	<5	4,100	NS-FP	<5	<25	NS-NW	<5	<5	<5	7,350
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<5	3,120	<1,000	<12.5	<5	<10	<12.5	NS-FP	<5	1,330	NS-FP	<5	<100	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<50	Table 2	<250	<12.5	<5	<5	<5	NS-FP	<5	Table 2	Table 2	<5	<12.5	<10	Table 5	Table 5	Table 5	6,800
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	<250	<10	<5	<5	<5	NS-FP	<5	NS-FP	NS-FP	<5	<10	NS-NW	<5	<5	<5	5,320
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<25	NS-FP	<125	<10	<5	<5	<5	NS-FP	<5	NS-FP	NS-FP	<5	<10	NS-NW	<5	<5	<5	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<25	NS-FP	<500	<5	<5	<10	<5	NS-FP	<5	NS-FP	NS-FP	<5	NS-FP	NS-NW	<5 SU	<5 SU	<5 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	<500	<12.5	NS-FP	1,200	<12.5	<5	<5	<5	<125	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	<5 SU	5,550
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	<100	<50	<1,000	<500	<5	<5	<5	<100	<250	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	<5 SU	4,880
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	<500	370	<1,250	<500	<5	<5	<10	<5	<100	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	<5 SU	4,190
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	<50	<50	<1,250	<500	<5	<5	<10	<5	<100	<5	NS-FP	NS-FP	<5	NS-FP	NS-NW	<5 SU	<5 SU	<5 SU	7,120
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<1000	<100	<1000	<1000	<5	<5	<5	<10	<100	<5	NS-FP	NS-FP	<5	NS-FP	<100	<5 SU	<5 SU	NA	686J
Naphthalene	Oct-01	185	76	<125	NS-NW	Table 2	85																			
	Feb-02	185	84	122	NS-FP	NS-FP	74.8																			
	Jun-02	<250	99.4	178	NS-FP	NS-FP	118	NS-FP	<100																	
	Oct-02	<500	62.2	59.2	NS-FP	NS-FP	<250	NS-FP	<25																	
	Dec-02	NA	<250	<250	NS-FP	NS-FP	<125	NS-FP	<25	<2,500	<125	97	<5	<125	<50	<250	<5	<500	<2,500	<5	<25					
	Mar-03	NA	<1,000	208	NS-FP	NS-FP	110	NS-FP	<25	568	222	134	89.4	<125	27.5	55.3	116	1,130	1,610	<5	<25					
	Jun-03	NA	<200	<400	NS-FP	NS-FP	80.3	NS-FP	<20	450	<400	<10	<2	<2	<5	<50	<2	276	3,250	<5	<2	<20	<2	<2	<2	135
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<20	<400	<50	22	<2	<2	<4	<50	<2	<200	NS-FP	<2	<10	NS-NW	<2	<2	<2	125
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	<400	<400	113	<2	<4	<5	NS-FP	<2	<200	NS-FP	<2	20	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	Table 2	<100	183	<2	<2	<2	NS-FP	<2	Table 2	Table 2	<2	53.5	6.6	Table 5	Table 5	Table 5	<100
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<4	NS-FP	<100	128	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	<4	NS-NW	<2	<2	<2	102
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	<50	157	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	70	NS-NW	<2	<2	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	<500	66.8	<2	<4	<2	NS-FP	2.4	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 SU	<2 SU	<2 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	440	<5	NS-FP	<200	44.2	<2	<2	<2	909	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	150
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	390	<20	1,820	<200	41.8	<2	<2	<40	615	<2	NS-FP	NS-FP	<2	NS-FP	<2	<2 SU	<2 SU	<2 SU	194
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	799	<20	1,130	318	27.7	<2	4.7	<2	594	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	<100
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	282	<20	385	172	15.1	<2	<2	<2	349	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 SU	<2 SU	<2 SU	140
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<400	<40	142J	<400	<2	<2	<2	<4	235	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	NA	<200

Table 4 (cont.): Detected VOCs from Groundwater Sample Results using EPA Method 8260 (µg/L)

VOCs	Date	MW-1[1]	MW-2[1]	MW-3[1]	MW-4	MW-6	MW-7[2]	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
n-Propylbenzene	Jun-02	<250	28.5	<125	NS-FP	NS-FP	<25	NS-FP	<100																	
	Oct-02	<500	44.2	<50	NS-FP	NS-FP	<250	NS-FP	<25																	
	Dec-02	NA	<250	<250	NS-FP	NS-FP	<125	NS-FP	<25	<2,500	259	89.5	<5	<125	<50	<250	<5	<500	<2,500	<5	<25					
	Mar-03	NA	<1,000	<500	NS-FP	NS-FP	<125	NS-FP	<25	<1,000	482	191	<5	<125	<50	<125	<5	<2,500	<2,500	<5	<25					
	Jun-03	NA	<200	<400	NS-FP	NS-FP	<50	NS-FP	<20	<400	<400	<10	<2	<2	<5	<50	<2	<400	<1,000	<5	<2	<20	<2	<2	<2	<100
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<20	<400	303	45	<2	<2	<4	<50	<2	<200	NS-FP	<2	10.5	NS-NW	<2	<2	<2	<100
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	<400	<400	123	<2	<4	<5	NS-FP	<2	230	NS-FP	22.9	<40	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	Table 2	355	237	<2	<2	<2	NS-FP	<2	Table 2	Table 2	<2	14.3	<4	Table 5	Table 5	Table 5	<100
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<4	NS-FP	210	142	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	<4	NS-NW	<2	<2	<2	<40
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	230	164	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	13.4	NS-NW	<2	<2	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	327	128	<2	<4	<2	NS-FP	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 SU	<2 SU	<2 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	117	<5	NS-FP	220	122	<2	<2	<2	61	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	<100
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	132	<20	<400	<200	117	<2	<2	<40	<100	<2	NS-FP	NS-FP	<2	NS-FP	<20	<2 SU	<2 SU	<2 SU	<100
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	177	<20	<500	270	139	<2	8.6	<2	48.2	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	<100
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	232	<20	1,590	248	106	<2	<4	<2	30.8	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 SU	<2 SU	<2 SU	170
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<400	<40	<400	598J	5.8	<2	<2	<2	27.8J	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	NA	2613
Tetrachloroethene (PCE)	Feb-94	662	2,150	5,370	3,320	2,130	134																			
	Nov-00	<2,500	<500	130	NS-FP	NS-FP	<500																			
	Oct-01	<100	<20	130	NS-NW	Table 2	100																			
	Feb-02	20	3.3	302	NS-FP	NS-FP	8.2																			
	Jun-02	24.6	<500	133	NS-FP	NS-FP	<25	NS-FP	122																	
	Oct-02	<200	<20	38.3	NS-FP	NS-FP	<100	NS-FP	190																	
	Dec-02	NA	<100	<100	NS-FP	NS-FP	<50	NS-FP	204	<1,000	<50	<10	97.1	<50	<20	288	8.1	534	1,240	9.7	53.1					
	Mar-03	NA	<400	411	NS-FP	NS-FP	<50	NS-FP	138	<400	<200	<20	11	<50	<20	350	25	<1,000	1,480	3.3	17.8					
	Jun-03	NA	258	318	NS-FP	NS-FP	<50	NS-FP	132	<400	<400	<10	161	21.8	29.5	485	35.9	<400	1,460	48.9	<2	<20	4	4.1	12.3	1,820
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	131	<400	<50	12.5	145	28.3	38	273	15.1	<200	NS-FP	18.3	232	NS-NW	4.1	10.7	51	2,830
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	4.5	<400	<400	3.5	38.3	42.4	12.1	NS-FP	18	<200	NS-FP	3.4	133	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	149	Table 2	<100	3.8	51.4	42	63.2	NS-FP	38.2	Table 2	Table 2	9.3	347	4	Table 5	Table 5	Table 5	4,160
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	126	NS-FP	<100	2.5	177	41.8	53.1	NS-FP	37.6	NS-FP	NS-FP	25	228	NS-NW	34.5	120	31.7	1,830
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	123	NS-FP	<50	3	239	40.5	58.5	NS-FP	20.4	NS-FP	NS-FP	33.6	491	NS-NW	1.7	<2	3.6	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	57.9	NS-FP	<200	<2	56.8	19.2	38.2	NS-FP	61.1	NS-FP	NS-FP	27.1	NS-FP	NS-NW	52.1 SU	75.1 SU	86.1 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	98.8	NS-FP	<200	5.4	56.9	23.7	87.6	68.8	117	NS-FP	NS-FP	106	NS-FP	<40	68.1 SU	74.7 SU	48.6 SU	2,840
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	<40	149	<400	<200	6.8	43.7	47.5	45.8	173	72.4	NS-FP	NS-FP	39.8	NS-FP	<40	49.1 SU	47.2 SU	51.8 SU	2,960
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	137	<500	<200	5.9	40.1	64.8	89.6	388	78.8	NS-FP	NS-FP	85.3	NS-FP	<40	124 SU	52.1 SU	83.7 SU	1,070
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	<20	152	<500	<200	4.2	28.4	25.7	28.6	209	38.3	NS-FP	NS-FP	21.3	NS-FP	NS-NW	19.3 SU	88 SU	41 SU	2,160
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<400	120	<400	<400	5.5	125	70.2	87.5	115	40.9	NS-FP	NS-FP	86.6	NS-FP	<40	139 SU	86.7 SU	NA	1,970
1,1,1-Trichloroethane (1,1,1-TCA)	Feb-94	9,370	3,470	444	36,200	114,000	80																			
	Nov-00	<2,500	<500	70	NS-FP	NS-FP	<500																			
	Oct-01	<250	<50	<125	NS-NW	Table 2	<25																			
	Feb-02	<125	<12.5	<100	NS-FP	NS-FP	<10																			
	Jun-02	<250	<500	<125	NS-FP	NS-FP	<25	NS-FP	<100																	
	Oct-02	<500	<50	<50	NS-FP	NS-FP	<250	NS-FP	82																	
	Dec-02	NA	<250	<250	NS-FP	NS-FP	<125	NS-FP	32.3	13,800	52.6	21	<5	230	<50	<250	8	1,150	21,500	<5	<25					
	Mar-03	NA	<1,000	<500	NS-FP	NS-FP	<125	NS-FP	35	12,300	<500	14	1.4	77.5	<50	33.5	9.5	565	37,800	<5	14					
	Jun-03	NA	160	<400	NS-FP	NS-FP	<50	NS-FP	18.5	8,430	<400	19	<2	3.4	10.7	42.5	<2	260	61,200	25	70	<20	<2	<2	<2	1,250
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<20	4,610	<50	8.7	<2	6.9	6.4	<50	8	420	NS-FP	8.6	150	NS-NW	<2	<2	<2	1,790
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<2	7,460	852	10.7	<2	<4	<5	NS-FP	2.2	1,130	NS-FP	81.7	132	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	11.1	Table 2	170	8.3	<2	<2	7.7	NS-FP	<2	Table 2	Table 2	20.9	186	<4	Table 5	Table 5	Table 5	7,350
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	24	NS-FP	250	2.5	<2	<2	4.5	NS-FP	7.4	NS-FP	NS-FP	3.4	13.5	NS-NW	3.4	<2	<2	6,730
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	27.9	NS-FP	485	2.4	<2	<2	5.2	NS-FP	<2	NS-FP	NS-FP	3.2	312	NS-NW	<2	<2	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	27.5	NS-FP	290	<2	<2	<4	2.2	NS-FP	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 SU	<2 SU	<2 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	321	14.4	NS-FP	158	<5	<2	<2	<2	50	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	3,900
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	302	<20	1,410	117	<2	<2	<2	<40	<100	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	8,200
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	527	<20	1,040	<200	<2	2.3	<4	<2	49.2	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	3,960
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	71.1	<20	2,670	<200	<2	<2	<4	<2	83.2	<2	NS-FP	NS-FP	2.2	NS-FP	NS-NW	16.3 SU	5.2 SU	<2 SU	4,710
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<400	<40	420J	<400	<2	<2	<2	<4	50.0J	<2	NS-FP	NS-FP	3.2J	NS-FP	<40	<2 SU	<2 SU	NA	3,890

Table 4 (cont.): Detected VOCs from Groundwater Sample Results using EPA Method 8260 (µg/L)

VOCs	Date	MW-1[1]	MW-2[2]	MW-3[1]	MW-4	MW-6	MW-7[4]	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
Trichloroethene	Feb-94	7,180	3,040	1,730	14,300	1,320	45																			
(TCE)	Nov-00	<2,500	<500	1,500	NS-FP	NS-FP	<500																			
	Oct-01	<100	<20	100	NS-NW	Table 2	<10																			
	Feb-02	20	2.5	280	NS-FP	NS-FP	6.8																			
	Jun-02	<250	<500	134	NS-FP	NS-FP	<25	NS-FP	<100																	
	Oct-02	<200	<20	26	NS-FP	NS-FP	<100	NS-FP	56.8																	
	Dec-02	NA	<100	<100	NS-FP	NS-FP	<50	NS-FP	50.4	<1,000	<50	<10	77.2	<50	<20	274	3	948	1,740	2.9	55.7					
	Mar-03	NA	<400	1,930	NS-FP	NS-FP	<50	NS-FP	39	<400	<200	<20	28.8	<50	134	400	7.4	610	2,360	1.5	31.7					
	Jun-03	NA	162	806	NS-FP	NS-FP	<50	NS-FP	41.8	<400	<400	<10	72.7	4	13.6	438	6.6	178	3,620	10	96	<20	2.3	2.3	20.4	1,330
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	47	<400	<50	7.5	95.2	12.1	16	2,530	3.8	<200	NS-FP	6.2	180	NS-NW	<2	11.6	25	2,100
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	1.7	<400	<400	<5	47	22.6	9.3	NS-FP	7.3	189	NS-FP	4.4	140	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	37.2	Table 2	<100	<5	18.5	18.1	17.8	NS-FP	9.5	Table 2	Table 2	2.6	240	<4	Table 5	Table 5	Table 5	3,000
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	29.6	NS-FP	<100	<4	52.7	<2	21.5	NS-FP	9.1	NS-FP	NS-FP	6.7	108	NS-NW	22.8	65.7	42.9	<40
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	28.3	NS-FP	<50	<4	39.2	18.8	12.1	NS-FP	17.3	NS-FP	NS-FP	12.2	321	NS-NW	<2	<2	3.7	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	21.4	NS-FP	<200	<2	24.3	24.2	47	NS-FP	29.3	NS-FP	NS-FP	14.6	NS-FP	NS-NW	27.7 [SU]	33.9 [SU]	65.2 [SU]	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	31.9	NS-FP	<200	<5	134	9.6	49.7	184	23.8	NS-FP	NS-FP	25	NS-FP	<40	35.3 [SU]	51.9 [SU]	101 [SU]	3,560
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	<40	19	<400	<200	<2	54.9	14.4	<40	107	21.2	NS-FP	NS-FP	6.8	NS-FP	<40	31.2 [SU]	74.0 [SU]	46.9 [SU]	5,050
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	<200	114	<500	<200	2.2	120	23.5	23.5	271	25.8	NS-FP	NS-FP	21.2	NS-FP	<40	50.1 [SU]	100 [SU]	63.6 [SU]	2,540
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	<20	88.1	<500	<200	1.3	28.8	15.3	5.5	180	18.8	NS-FP	NS-FP	12.8	NS-FP	NS-NW	19.3 [SU]	86 [SU]	41 [SU]	2,160
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	<400	76.0	<400	<400	1.23	92.7	13.7	21.6	162	6.7	NS-FP	NS-FP	6.1	NS-FP	<40	31.9 [SU]	50.4 [SU]	NA	2,800
1,2,4-Trimethylbenzene	Oct-01	1,590	18.9	345	NS-NW	Table 2	200																			
	Feb-02	2,800	231	866	NS-FP	NS-FP	234																			
	Jun-02	3,850	<500	818	NS-FP	NS-FP	238	NS-FP	<100																	
	Oct-02	2,120	116	289	NS-FP	NS-FP	327	NS-FP	<25																	
	Dec-02	NA	232	356	NS-FP	NS-FP	<125	NS-FP	<25	<2,500	2,120	1,640	<5	270	<50	<250	<5	1,880	2,600	<5	<25					
	Mar-03	NA	380	441	NS-FP	NS-FP	225	NS-FP	<25	1,590	2,850	703	<5	30	<50	236	238	2,490	4,880	<5	<25					
	Jun-03	NA	<200	378	NS-FP	NS-FP	152	NS-FP	<20	1,740	1,400	20	<2	<2	<5	<50	<2	2,070	8,090	18.5	18.5	<20	<2	<2	<2	<100
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<20	1,430	1,830	110	<2	<2	<4	<50	<2	1,860	NS-FP	<2	20.5	NS-NW	<2	<2	<2	555
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	1,840	1,582	498	<2	<4	<5	NS-FP	<2	1,310	NS-FP	33.1	<40	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	Table 2	2,080	1,200	<2	<2	15	NS-FP	<2	Table 2	Table 2	<2	30	8.8	Table 5	Table 5	Table 5	1,140
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<4	NS-FP	1,410	655	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	2	NS-NW	<2	<2	<2	832
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	925	789	<2	<2	3.1	NS-FP	<2	NS-FP	NS-FP	<2	151	NS-NW	<2	<2	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	2,810	473	<2	<4	<2	NS-FP	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 [SU]	<2 [SU]	<2 [SU]	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	2,420	<5	NS-FP	1,540	211	<2	<2	<2	3,250	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	<2 [SU]	984
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	2,780	<20	6,840	1,720	143	<2	<2	<40	2,210	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	<2 [SU]	1,160
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	2,850	43.4	2,510	2,750	78.8	<2	74.5	<2	2,120	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	<2 [SU]	332
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	4,200	<20	2,880	2,240	48.8	<2	<2	5.7	1,450	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 [SU]	<2 [SU]	<2 [SU]	594
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	2,600	<40	2,140	1,030	32.4	<2	<2	1.2J	968	<2	NS-FP	NS-FP	<2	NS-FP	<100	<2 [SU]	<2 [SU]	NA	492J
1,3,5-Trimethylbenzene	Oct-01	470	82.9	145	NS-NW	Table 2	25																			
	Feb-02	955	57.8	128	NS-FP	NS-FP	45.6																			
	Jun-02	1,170	57.5	<125	NS-FP	NS-FP	<25	NS-FP	<100																	
	Oct-02	574	67.8	57.8	NS-FP	NS-FP	<250	NS-FP	<25																	
	Dec-02	NA	<250	<250	NS-FP	NS-FP	<125	NS-FP	<25	<2,500	675	785	<5	106	<50	<250	<5	528	<2,500	<5	<25					
	Mar-03	NA	<1,000	<500	NS-FP	NS-FP	30	NS-FP	<25	404	903	411	<5	<125	<50	<125	<5	635	645	<5	<25					
	Jun-03	NA	<200	<400	NS-FP	NS-FP	<50	NS-FP	<20	388	440	19	<2	<2	<5	<50	<2	506	1,530	<5	<2	<20	<2	<2	<2	<100
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<20	320	570	92	<2	<2	<4	<50	<2	400	NS-FP	<2	<10	NS-NW	<2	<2	<2	170
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	412	508	294	<2	<4	<5	NS-FP	<2	456	NS-FP	13.8	<40	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<20	Table 2	375	619	<2	<2	3.4	NS-FP	<2	Table 2	Table 2	<2	5.5	<4	Table 5	Table 5	Table 5	300
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<4	NS-FP	455	340	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	<4	NS-NW	<2	<2	<2	139
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	500	410	<2	<2	<2	NS-FP	<2	NS-FP	NS-FP	<2	<4	NS-NW	<2	<2	<2	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	NS-FP	1,440	290	<2	<4	<2	NS-FP	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 [SU]	<2 [SU]	<2 [SU]	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	579	<5	NS-FP	468	175	<2	<2	<2	411	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	<2 [SU]	218
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	700	<20	1,880	522	127	<2	<2	<40	322	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	<2 [SU]	277
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	811	23.8	610	788	35.3	<2	24.1	<2	252	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	<2 [SU]	<100
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	858	<20	660	784	30.6	<2	<4	<2	82	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 [SU]	<2 [SU]	<2 [SU]	614
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	664J	<40	518J	363J	<2	<2	<2	<4	21.8J	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 [SU]	<2 [SU]	NA	<200

ANCHEM1717

Table 4 (cont.): Detected VOCs from Groundwater Sample Results using EPA Method 8260 (µg/L)

VOCs	Date	MW-1[1]	MW-2[1]	MW-3[1]	MW-4	MW-5	MW-7[1]	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
Toluene	Feb-94	560	7,390	578	12,700	15,300	395																			
	Nov-00	4,000	57	3,700	NS-FP	NS-FP	800																			
	Oct-01	2,470	26	5,150	NS-NW	Table 2	975																			
	Feb-02	4,880	26.2	4,520	NS-FP	NS-FP	1,330																			
	Jun-02	8,180	102	4,780	NS-FP	NS-FP	1,280	NS-FP	<20																	
	Oct-02	5,390	39	4,810	NS-FP	NS-FP	2,360	NS-FP	<5																	
	Dec-02	NA	156	5,770	NS-FP	NS-FP	541	NS-FP	<5	19,600	1,230	29.5	1.2	2,840	14.4	<50	<1	1,730	13,500	3.3	6.7					
	Mar-03	NA	<200	2,310	NS-FP	NS-FP	938	NS-FP	<5	12,000	3,830	14.5	<1	230	<10	<25	<1	4,970	11,600	<1	<5					
	Jun-03	NA	<100	2,080	NS-FP	NS-FP	724	NS-FP	<10	10,900	4,620	<5	<1	<1	<2.6	<25	<1	5,510	13,300	7.2	<1	<10	<1	<1	<1	<50
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<10	13,800	4,030	<2.5	<1	<1	2	<25	<1	3,700	NS-FP	<1	10	NS-NW	<1	<1	<1	10,500
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<1	13,300	8,570	9.7	<1	<2	3.2	NS-FP	<1	2,350	NS-FP	14.6	<1	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	Table 2	8,050	<2.5	<1	<1	54.8	NS-FP	<1	Table 2	Table 2	<1	17.5	18.4	Table 5	Table 5	Table 5	15,200
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<2	NS-FP	8,000	3.6	<1	<1	43.3	NS-FP	<1	NS-FP	NS-FP	<1	1.7	NS-NW	<1	<1	<1	14,500
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<5	NS-FP	10,200	1.5	<1	<1	104	NS-FP	<1	NS-FP	NS-FP	<1	94	NS-NW	<1	<1	<1	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<5	NS-FP	18,300	<1	<1	<2	33.6	NS-FP	<1	NS-FP	NS-FP	<1	NS-FP	NS-NW	<1 SU	<1 SU	<1 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	6,170	4.8	NS-FP	8,550	<2.5	<1	<1	42.2	62.5	<1	NS-FP	NS-FP	<1	NS-FP	22.8	<1 SU	<1 SU	<1 SU	18,900
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	4,510	<10	12,800	7,830	<1	<1	<1	180	149	<1	NS-FP	NS-FP	<1	NS-FP	22.8	<1 SU	<1 SU	<1 SU	14,200
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	4,290	40.8	11,900	10,700	<1	<1	204	27.5	28.4	<1	NS-FP	NS-FP	<1	NS-FP	34.2	<1 SU	<1 SU	<1 SU	15,400
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	4,080	<20	16,000	7,400	<1	<1	<2	54.6	<20	<1	NS-FP	NS-FP	1.7	NS-FP	NS-NW	<1 SU	<1 SU	<1 SU	16,400
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	3,740	<20	18,200	4,400	<1	<1	<1	7.4	<20	<1	NS-FP	NS-FP	<1	NS-FP	<20	<1 SU	<1 SU	NA	12,100
Vinyl Chloride	Oct-01	1,350	75	<5	NS-NW	Table 2	188																			
	Feb-02	1,060	197	896	NS-FP	NS-FP	517																			
	Jun-02	<100	<200	<50	NS-FP	NS-FP	<10	NS-FP	<40																	
	Oct-02	2,880	2,710	12,200	NS-FP	NS-FP	884	NS-FP	123																	
	Dec-02	NA	2,720	12,700	NS-FP	NS-FP	423	NS-FP	107	4,100	198	1,100	6.2	<50	93.1	565	<2	<200	<1,000	<2	28.1					
	Mar-03	NA	1,640	7,870	NS-FP	NS-FP	200	NS-FP	92	3,690	1,180	66.6	2.6	<50	77.8	387	<2	<1,000	630	<2	22.6					
	Jun-03	NA	4,500	2,380	NS-FP	NS-FP	380	NS-FP	173	3,410	1,830	36	3.8	<2	49	395	<2	<400	<1,000	<5	<2	88.8	<2	<2	<2	<100
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	296	4,610	1,510	36	<2	5.2	51	588	<2	800	NS-FP	<2	31.5	NS-NW	<2	<2	<2	<100
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	5.2	3,700	1,530	13.1	<2	6.1	134	NS-FP	<2	<200	NS-FP	<2	47.3	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	155	Table 2	1,190	8.5	<1	<1	546	NS-FP	<1	Table 2	Table 2	<1	86	880	Table 5	Table 5	Table 5	450
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	181	NS-FP	3,320	10.4	<1	2	138	NS-FP	<1	NS-FP	NS-FP	<1	13.6	NS-NW	<1	<1	<1	<40
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	115	NS-FP	2,550	10	<1	5.5	272	NS-FP	<1	NS-FP	NS-FP	<1	202	NS-NW	<1	<1	<1	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	32.8	NS-FP	5,410	3.6	<1	<2	34.7	NS-FP	<1	NS-FP	NS-FP	<1	NS-FP	NS-NW	<1 SU	<1 SU	<1 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	1,340	310	NS-FP	1,280	12.6	8.2	4.5	724	1,160	<1	NS-FP	NS-FP	1.2	NS-FP	1,340	<1 SU	<1 SU	1.8 SU	139
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	1,510	278	3,700	2,090	4.1	2.2	7.9	1,320	468	<1	NS-FP	NS-FP	<1	NS-FP	1,060	<1 SU	<1 SU	<1 SU	<60
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	3,780	470	1,470	1,440	6.6	<1	19.6	174	1,060	<1	NS-FP	NS-FP	<1	NS-FP	1,530	<1 SU	<1 SU	<1 SU	<50
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	4,050	340	608	2,160	4.4	<1	22	418	721	<1	NS-FP	NS-FP	<1	NS-FP	NS-NW	<1 SU	<1 SU	<1 SU	<50
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	1,410	231	834	2,270	1.0J	<1	1.5J	237	562	<1	NS-FP	NS-FP	<1	NS-FP	230	<1 SU	<1 SU	NA	<100
Xylenes	Feb-94	2,192	7,790	1,014	4,352	4,710	186																			
	Nov-00	3,400	<500	2,500	NS-FP	NS-FP	247																			
	Oct-01	2,770	<2	3,720	NS-NW	Table 2	301																			
	Feb-02	3,760	14.8	3,070	NS-FP	NS-FP	280																			
	Jun-02	5,240	152	3,890	NS-FP	NS-FP	354	NS-FP	<20																	
	Oct-02	3,570	73	2,570	NS-FP	NS-FP	578	NS-FP	<5																	
	Dec-02	NA	356	2,900	NS-FP	NS-FP	121	NS-FP	<5	4,690	748	242	<1	1,760	<10	<50	<1	2,880	3,940	<1	<5					
	Mar-03	NA	318	2,100	NS-FP	NS-FP	318	NS-FP	<10	2,330	1620	28.1	<2	100	<20	<50	<2	4,200	4,960	<2	8.4					
	Jun-03	NA	170	1,780	NS-FP	NS-FP	238	NS-FP	<10	4,590	1,580	<5	<1	<1	<2.6	<25	<1	3,850	6,040	8.3	<1	<10	<1	<1	<1	1,050
	Sep-03	NA	NA	NA	NS-NW	NS-FP	NA	NS-FP	<10	4,460	1,320	9	<1	<1	<2	<25	<1	2,620	NS-FP	<1	93	NS-NW	<1	<1	<1	6,870
	Dec-03	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<1	4,590	2,020	157	<1	<2	<2.5	NS-FP	<1	2,810	NS-FP	22	81.8	NS-NW	Table 5	Table 5	Table 5	NS-NW
	Mar-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<10	Table 2	2,170	231	<1	<1	27.3	NS-FP	<1	Table 2	Table 2	<1	175	8.8	Table 5	Table 5	Table 5	8,320
	Jun-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<2	NS-FP	1,830	18.9	<1	<1	9.6	NS-FP	<1	NS-FP	NS-FP	<1	5.3	NS-NW	<1	<1	<1	8,320
	Sep-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<5	NS-FP	3,200	150	<1	<1	22.1	NS-FP	<1	NS-FP	NS-FP	<1	200	NS-NW	<1	<1	<1	NA
	Dec-04	NA	NA	NA	NS-FP	NS-FP	NA	NS-FP	<5	NS-FP	4,310	2.5	<1	<2	3.5	NS-FP	<1	NS-FP	NS-FP	<1	NS-FP	NS-NW	<1 SU	<1 SU	<1 SU	NS-NW
	Mar-05	NA	NA	NA	NS-NW	NS-NW	NA	4,590	5.5	NS-FP	2,420	53.2	<1	<1	10	544	<1	NS-FP	NS-FP	<1	NS-FP	<20	<1 SU	<1 SU	<1 SU	8,530
	Jun-05	NA	NA	NA	NS-NW	NS-NW	NA	4,850	<20	7,800	2,890	35.8	<2	<2	24	287	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	11,800
	Sep-05	NA	NA	NA	NS-NW	NS-NW	NA	5,810	45.7	4,290	4,150	17.5	<2	277	5.8	126	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	<2 SU	5,550
	Dec-05	NA	NA	NA	NS-NW	NS-NW	NA	5,890	<20	8,490	4,470	8.4	<2	<4	30.6	90.2	<2	NS-FP	NS-FP	<2	NS-FP	NS-NW	<2 SU	<2 SU	<2 SU	8,070
	Mar-06	NA	NA	NA	NS-NW	NS-NW	NA	4,690	<40	6,080	2,220	<2	<2	<2	3.2J	157	<2	NS-FP	NS-FP	<2	NS-FP	<40	<2 SU	<2 SU	NA	5,970

NA= Not Analyzed. [1] = Abandoned Well. SU = SnapSampler Method used for collection (Dec-04: MW-23, MW-24 and MW-25).

NS-FP= Not Sampled Free Product present. NS-NW= Not Sampled Not Enough Water present.

Blue= Chemicals stored on-site. Red= Transformation compounds.

Table 5: Detected VOCs from Diffusion Bag Groundwater Samples using EPA Method 8260 (µg/L)

	Date	Depth	MW-23	MW-24	MW-25
Screened Interval (bg)			71'-81'	67'-77'	71'-81'
DTW	15-Dec-03		42.65'	45.69'	47.35'
	30-Mar-04				
VOCs					
Acetone	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
Benzene	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
2-Butanone (MEK)	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
Chloroethane	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
1,1-Dichloroethane	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
1,2-Dichloroethane	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
1,1-Dichloroethene	15-Dec-03	1.5'	6.1		
	15-Dec-03	7.5'		14.6	7.4
	30-Mar-04	2.5'	4.4	7.6	7.4
	30-Mar-04	7.5'			
cis 1,2-Dichloroethene	15-Dec-03	1.5'			
	15-Dec-03	7.5'	2.4	8.8	3.4
	30-Mar-04	2.5'		11.7	
	30-Mar-04	7.5'			

Table 5: Detected VOCs from Diffusion Bag Groundwater Samples using EPA Method 8260 (mg/L)

VOCs	Date	Depth	MW-23	MW-24	MW-25
trans 1,2-Dichloroethene	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
1,4 Dioxane	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
Ethylbenzene	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
Methylene Chloride	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
4-Methyl-2-pentanone	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
Naphthalene	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
n-Propylbenzene	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
Tetrachloroethene	15-Dec-03	1.5'			37.2
	15-Dec-03	7.5'	30.6	75.4	
	30-Mar-04	2.5'	38.2		30.3
	30-Mar-04	7.5'		263	

Table 5: Detected VOCs from Diffusion Bag Groundwater Samples using EPA Method 8260 (mg/L)

VOCs	Date	Depth	MW-23	MW-24	MW-25
1,1,1-Trichloroethane	15-Dec-03	1.5'			
	15-Dec-03	7.5'	3.2	2.3	
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
Trichloroethene	15-Dec-03	1.5'			39.4
	15-Dec-03	7.5'	11.3	51.4	
	30-Mar-04	2.5'		74.5	34.9
	30-Mar-04	7.5'	14.7		
1,2,4-Trimethylbenzene	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
1,3,5-Trimethylbenzene	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
Toluene	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
Vinyl Chloride	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			
Xylenes	15-Dec-03	1.5'			
	15-Dec-03	7.5'			
	30-Mar-04	2.5'			
	30-Mar-04	7.5'			

Total VOCs		MW-23	MW-24	MW-25
	15-Dec-03	53.6	152.5	87.4
	30-Mar-04	57.3	356.8	72.6

Table 6. Results for EPA Methods 376.1, 325.3, 310.1, 352.1, 375.4, 7380, 7460, 160.1, Colorimetry and Standard Method 4500 (mg/L)												
		First Water Wells					Upper A1 Zone Wells					
Compound	Date	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-17	MW-20	MW-21
Dissolved	Dec-03		12		100	3	1.6	2.9	2.4	0.9	2.2	3.4
Organic Carbon	Mar-04		8.6		240	3.1	1.3	2.4	5.6	0.6	1	3.3
	Jun-04		7.2		84	3.2	3.1	2.1	2.3	<1	1.5	1.4
	Sep-04		4.3		48	2.1	0.9	2.7	5.9	0.6	3.4	5.1
	Dec-04		4.5		26	2.9	1.5	1.7	2.4	0.9	1.6	NS-FP
	Mar-05		15		545	2.2	1.7	2.1	1	2	2.8	NS-FP
	Jun-05		20		125	3	4	3.4	12	NA	NA	NS-FP
	Dec-05	24	21	14	29	4.4	5	NA	NA	15	8.7	NS-FP
	Mar-06	18	NA	NA	NA	1.4	1	1.2	1.4	1.1	0.9	NS-FP
Total Organic Carbon	Dec-03		13		105	3.7	1.9	3.1	2.6	1.2	2.6	3.7
	Mar-04		9.6		270	3.4	1.5	3.1	6.5	1	1.1	3.7
	Jun-04		7.9		94	3.5	3.4	2.4	2.5	1.2	1.7	1.7
	Sep-04		4.6		50	2.5	1	2.9	6.1	0.9	3.7	5.4
	Dec-04		5.1		34	3.1	1.6	2.4	2.8	1.6	2	NS-FP
	Mar-05		16		595	2.3	1.7	2.3	4.7	2.3	3.4	NS-FP
	Jun-05		21		49	3	4.6	3.8	13	NA	NA	NS-FP
	Dec-05	23	22	17	30	4.1	3.7	NA	NA	17	9.8	NS-FP
	Mar-06	10	NA	NA	NA	1.5	1	1	1	1	0.9	NS-FP
TDS	Jun-03		1,640		2,250	839	1,200	1,450	1,830	1,400	1,280	1,250
	Sep-03		1,600		1,935	735	1,185	1,205	1,195	1,675	1,235	1,296
	Dec-03		1,250		1,690	730	1,160	1,140	1,260	1,170	1,200	1,110
	Mar-04		2,620		1,660	1,570	1,210	855	873	1,310	2,020	1,080
	Jun-04		1,760		1,590	721	1,290	1,280	1,230	1,450	1,250	1,180
	Sep-04		1,700		1,370	578	1,190	1,170	1,240	1,080	1,300	1,180
	Dec-04		1,510		809	479	946	959	1,650	1,850	1,790	NS-FP
	Mar-05		1,650		2,170	551	988	1,140	1,030	1,210	934	NS-FP
	Jun-05		1,620		1,410	696	962	1,180	1,060	1,180	577	NS-FP
	Sep-05		796		825	659	1,060	1,230	1,200	1,200	1,210	NS-FP
	Dec-05	136	1,550	509.4	630	374	513	NA	NA	1,070	1,020	NS-FP
	Mar-06	868	NA	NA	NA	698	1,230	1,320	1,280	1,280	1,240	NS-FP
Total Alkalinity	Jun-03		525		960	290	430	433	455	460	425	472
	Sep-03		545		955	408	473	370	448	475	433	460
	Dec-03		540		912	340	435	350	465	430	479	530
	Mar-04		485		766	498	452	298	458	407	449	542
	Jun-04		430		696	505	435	373	456	433	438	440
	Sep-04		275		650	375	373	288	455	330	415	548
	Dec-04		370		695	455	443	401	445	430	443	NS-FP
	Mar-05		568		885	385	365	395	520	433	353	NS-FP
	Jun-05		610		635	355	401	375	530	420	272	NS-FP
	Sep-05		595		555	335	385	435	475	420	410	NS-FP
	Dec-05	583	595	545	573	318	375	NA	525	420	445	NS-FP
	Mar-06	635	NA	NA	NA	108	395	435	405	450	433	NS-FP
Carbonate/bicarbonate	Jun-03		612		1,152	348	516	519	546	552	510	567
	Sep-03		654		1,176	489	507	444	507	570	519	552
	Dec-03		324		547	204	261	210	279	258	287	318
	Mar-04		582		919	598	542	351	550	488	539	650
	Jun-04		262		424	308	265	228	278	264	267	268
	Sep-04		168		397	229	227	175	278	201	253	334
	Dec-04		171		177	61	116	244	271	262	273	NS-FP
	Mar-05		346		540	235	223	241	317	264	215	NS-FP
	Jun-05		372		387	217	244	229	323	256	166	NS-FP
	Sep-05		357		337	201	231	261	285	252	246	NS-FP
	Dec-05	355	363	332	351	194	229	NA	320	256	271	NS-FP
	Mar-06	387	NA	NA	NA	65.6	241	265	247	275	264	NS-FP

Table 6. (Continued) Results for EPA Methods 376.1, 325.3, 310.1, 352.1, 375.4, 7380, 7460, 160.1, Colorimetry and Standard Method 4500 (mg/L)												
		First Water Wells					Upper A1 Zone Wells					
Compound	Date	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-17	MW-20	MW-21
Chloride	Jun-03		241		425	70.9	101	92.2	95	96.4	87.9	87.9
	Sep-03		241		383	57	99	142	106	170	92	142
	Dec-03		238		344	74.4	106	160	113	106	99.3	135
	Mar-04		221		441	76.2	92.6	92.6	104	95.3	123	158
	Jun-04		198		332	78	119	122	102	106	109	116
	Sep-04		132		334	54.5	123	197	129	102	91.9	129
	Dec-04		152		158	54.5	103	98	113	98	112	NS-FP
	Mar-05		253		384	54.5	92.6	123	169	264	215	NS-FP
	Jun-05		284		287	35.5	115	135	156	121	70.9	NS-FP
	Sep-05		269		99.3	45.4	96.4	128	121	122	106	NS-FP
	Dec-05	125	294	65.3	98	45.6	65.3	NA	144	125	114	NS-FP
	Mar-06	114	NA	NA	NA	54.5	103	117	120	120	123	NS-FP
Sulfide	Jun-03		<0.02		3.68	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Sep-03		<0.05		2.56	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-03		<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-04		<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Jun-04		<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Sep-04		<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
	Dec-04		<0.02		0.16	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	NS-FP
	Mar-05		<0.05		0.96	<0.05	<0.05	<0.05	0.48	<0.05	<0.05	NS-FP
	Jun-05		<0.02		0.64	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	NS-FP
	Sep-05		<0.03		1.12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	NS-FP
	Dec-05	0.48	<0.05	<0.05	0.16	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NS-FP
	Mar-06	<0.05	NA	NA	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NS-FP
Sulfate	Jun-03		264		7.9	108	214	182	279	206	176	182
	Sep-03		250		26	85	230	202	285	215	215	230
	Dec-03		783		16	47	533	399	287	387	501	287
	Mar-04		595		<1	27.6	262	<1	<1	335	250	<1
	Jun-04		707		3.49	42	143	603	735	164	81.4	518
	Sep-04		490		<1	36.5	114	278	95	319	367	192
	Dec-04		454		<1	28.1	162	112	140	120	195	NS-FP
	Mar-05		141		<1	32.2	84.4	121	40.4	110	36.6	NS-FP
	Jun-05		177		<1	68.9	133	170	101	137	83.8	NS-FP
	Sep-05		119		<1	48.7	84.7	83.9	85.8	71.8	69.1	NS-FP
	Dec-05	4.82	224	11.4	<1	76.6	98.8	NA	37	76.2	64.4	NS-FP
	Mar-06	2.2	NA	NA	NA	334	764	439	608	732	546	NS-FP
Nitrate	Jun-03		16.4		8.81	<0.01	27.8	25.1	29.7	27.8	24.2	23.8
	Sep-03		0.138		<0.01	<0.01	0.027	0.012	0.029	<0.01	0.17	0.019
	Dec-03		25.5		3.96	1.16	17.4	20.9	25.2	20.1	21.4	22.8
	Mar-04		22.5		12.7	0.46	19.6	24.1	17.1	18	28.7	20
	Jun-04		29		8.18	1.24	18	27	32	28.7	25.6	24
	Sep-04		30.8		8.78	2.81	27.6	20.3	27	23.2	22.1	8.47
	Dec-04		12.7		5.05	2.97	14.2	21.6	20.4	17.8	16.2	NS-FP
	Mar-05		11.6		9.57	<0.01	11.9	17.7	19.2	11.9	20.6	NS-FP
	Jun-05		7.8		4.9	3.1	16.1	18.6	11.8	15.7	18.5	NS-FP
	Sep-05		5.2		8.96	2.8	21.6	22.2	18.3	14.9	21.8	NS-FP
	Dec-05	10.8	16.3	4.11	8.2	6.7	12.2	NA	6.86	13.9	17.6	NS-FP
	Mar-06	3.56	NA	NA	NA	16	22.5	21.1	25	33.6	36.3	NS-FP

Table 6. (Continued) Results for EPA Methods 376.1, 325.3, 310.1, 352.1, 375.4, 7380, 7460, 160.1, Colorimetry and Standard Method 4500 (mg/L)												
				First Water Wells			Upper A1 Zone Wells					
Compound	Date	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-17	MW-20	MW-21
Total Iron	Jun-03		<0.1		10.7	0.16	0.14	<0.1	0.2	0.43	0.22	<0.1
	Sep-03		<0.05		18.7	0.41	<0.05	<0.05	<0.05	0.26	<0.05	<0.05
	Dec-03		0.36		30.6	3.65	0.19	0.14	0.38	0.36	0.24	1.2
	Mar-04		0.15		10.5	4.14	<0.1	<0.1	<0.1	<0.1	0.62	<0.1
	Jun-04		<0.1		5.6	<0.1	0.12	0.2	0.2	0.15	<0.1	0.2
	Sep-04		0.12		5.1	<0.1	<0.1	<0.1	0.13	<0.1	<0.1	<0.1
	Dec-04		<0.1		1.65	0.36	0.45	0.4	0.25	0.17	0.13	NS-FP
	Mar-05		<0.1		1.87	0.25	<0.1	<0.1	0.11	<0.1	<0.1	NS-FP
	Jun-05		<0.1		0.68	0.17	0.16	<0.1	0.1	<0.1	<0.1	NS-FP
	Sep-05		<0.1		7.5	1.4	<0.1	<0.1	0.3	<0.1	<0.1	NS-FP
	Dec-05	0.11	<0.1	0.59	0.61	<0.1	<0.1	NA	<0.1	<0.1	<0.1	NS-FP
	Mar-06	6.01	NA	NA	NA	1.05	<0.1	<0.1	<0.1	<0.1	<0.1	NS-FP
Ferrous Iron	Jun-03		<0.05		0.49	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-03		<0.05		9.98	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-03		0.15		2.32	0.73	0.16	0.21	0.21	0.22	0.14	0.17
	Mar-04		<0.05		2.62	2.25	<0.05	0.31	0.57	<0.05	0.1	0.86
	Jun-04		<0.05		2.42	0.15	<0.05	0.24	0.17	<0.05	<0.05	0.48
	Sep-04		<0.05		1.46	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-04		<0.05		<0.05	0.11	0.19	0.08	0.23	0.07	<0.05	NS-FP
	Mar-05		<0.05		<0.05	0.25	<0.05	<0.05	0.13	<0.05	<0.05	NS-FP
	Jun-05		<0.05		0.42	<0.05	0.18	<0.05	<0.05	<0.05	<0.05	NS-FP
	Sep-05		<0.05		0.42	0.14	0.1	0.1	0.07	0.07	0.09	NS-FP
	Dec-05	<0.05	<0.05	<0.05	0.1	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NS-FP
	Mar-06	1.1	NA	NA	NA	0.53	<0.05	<0.05	<0.05	<0.05	<0.05	NS-FP
Manganese	Jun-03		<0.1		6.7	1.6	<0.1	<0.1	0.4	<0.1	<0.1	0.43
	Sep-03		0.07		12.5	2.49	0.66	0.42	0.4	<0.05	0.12	0.64
	Dec-03		0.15		13.5	1.47	0.22	1.02	1.14	0.23	0.12	1.96
	Mar-04		0.11		4.71	1.12	0.13	0.15	1.11	0.09	0.14	1.78
	Jun-04		0.2		6.6	0.9	<0.05	0.2	0.4	<0.05	<0.05	0.1
	Sep-04		0.54		9.04	1.12	0.12	0.37	1.49	0.08	0.09	1.79
	Dec-04		0.12		5.19	1.25	<0.05	0.09	0.76	<0.05	<0.05	NS-FP
	Mar-05		0.49		15	2.52	<0.05	<0.05	3.19	<0.05	0.33	NS-FP
	Jun-05		0.35		8.85	2.55	0.1	<0.05	3.32	<0.05	0.16	NS-FP
	Sep-05		0.4		7.94	3.36	0.16	0.37	0.74	0.06	0.3	NS-FP
	Dec-05	2.07	0.23	2.49	6.05	2.62	0.25	NA	0.2	<0.05	0.4	NS-FP
	Mar-06	2.89	NA	NA	NA	2.39	<0.05	0.06	0.44	<0.05	0.05	NS-FP
Ethylene	Mar-04		22.7		1,001	176	<5	255	<5	<5	<5	1,080
	Jun-04		28.5		2,120	174	<5	<5	15.5	<5	<5	<5
	Sep-04		30		4,620	46	<5	<5	<5	<5	<5	49
	Dec-04		10.5		2,580	27	<5	<5	25.5	<5	<5	NS-FP
	Mar-05		32		2,011	5	<5	<5	31.5	<5	<5	NS-FP
	Jun-05		<5		7430	33	<5	<5	313	<5	<5	NS-FP
	Sep-05		<5		916	<5	<5	<5	34	<5	<5	NS-FP
	Dec-05	804	46	193	1,803	<5	<5	NA	<5	<5	<5	NS-FP
	Mar-06	151	NA	NA	NA	<5	<5	<5	<5	<5	<5	NS-FP

Table 7: Dissolved Metal Sample Results (mg/L)

Dissolved Metals	EPA Method	Date	MW-1	MW-2	MW-3	MW-4	MW-6	MW-7	MW-8	MW-9	MCLs
Antimony	7040	Oct-01	<0.5	<0.5	<0.5	NS-FP	NS-FP	<0.5			0.006
		Feb-02	<0.1	<0.1	<0.1	NS-FP	NS-FP	<0.1			
		Jun-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005	NS-FP	<0.005	
		Oct-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005	NS-FP	<0.005	
Arsenic	7060	Oct-01	0.026	0.061	<0.005	NS-FP	NS-FP	0.071			0.05
		Feb-02	0.068	0.044	0.006	NS-FP	NS-FP	0.133			
		Jun-02	0.064	0.046	<0.005	NS-FP	NS-FP	0.145	NS-FP	<0.005	
		Oct-02	0.015	0.038	<0.005	NS-FP	NS-FP	0.078	NS-FP	<0.005	
Barium	7080	Oct-01	<0.5	<0.5	<0.5	NS-FP	NS-FP	<0.5			1
		Feb-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005			
		Jun-02	0.8	0.88	0.51	NS-FP	NS-FP	0.68	NS-FP	0.66	
		Oct-02	0.984	0.962	0.91	NS-FP	NS-FP	0.897	NS-FP	0.683	
Beryllium	7090	Oct-01	<0.05	<0.05	<0.05	NS-FP	NS-FP	<0.05			0.004
		Feb-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005			
		Jun-02	<0.002	<0.002	<0.002	NS-FP	NS-FP	<0.002	NS-FP	<0.002	
		Oct-02	<0.002	<0.002	<0.002	NS-FP	NS-FP	<0.002	NS-FP	<0.002	
Cadmium	7130	Oct-01	<0.05	<0.05	<0.05	NS-FP	NS-FP	<0.05			0.005
		Feb-02	<0.04	<0.04	<0.04	NS-FP	NS-FP	<0.04			
		Jun-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005	NS-FP	<0.005	
		Oct-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005	NS-FP	<0.005	
Chromium	7190	Oct-01	<0.1	<0.1	<0.1	NS-FP	NS-FP	<0.1			0.05
		Feb-02	<0.02	<0.02	<0.02	NS-FP	NS-FP	<0.02			
		Jun-02	0.015	0.016	0.016	NS-FP	NS-FP	0.017	NS-FP	0.019	
		Oct-02	0.0188	0.0185	0.02	NS-FP	NS-FP	0.021	NS-FP	0.024	
Cobalt	7200	Oct-01	<0.1	0.12	<0.1	NS-FP	NS-FP	<0.1			None
		Feb-02	<0.04	<0.04	<0.04	NS-FP	NS-FP	<0.04			
		Jun-02	0.23	0.2	0.18	NS-FP	NS-FP	0.11	NS-FP	0.18	
		Oct-02	<0.1	<0.1	<0.1	NS-FP	NS-FP	<0.1	NS-FP	<0.1	
Copper	7210	Oct-01	<0.05	<0.05	<0.05	NS-FP	NS-FP	<0.05			1.3
		Feb-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005			
		Jun-02	<0.1	<0.1	<0.1	NS-FP	NS-FP	<0.1	NS-FP	<0.1	
		Oct-02	<0.1	<0.1	<0.1	NS-FP	NS-FP	<0.1	NS-FP	<0.1	
Lead	7240	Oct-01	<0.1	<0.1	<0.1	NS-FP	NS-FP	<0.1			0.05
		Feb-02	<0.002	<0.002	<0.002	NS-FP	NS-FP	<0.002			
		Jun-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005	NS-FP	<0.005	
		Oct-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005	NS-FP	<0.005	
Mercury	7471	Oct-01	<0.001	<0.001	<0.001	NS-FP	NS-FP	<0.001			0.002
		Feb-02	<0.001	<0.001	<0.001	NS-FP	NS-FP	<0.001			
		Jun-02	<0.001	<0.001	<0.001	NS-FP	NS-FP	<0.001	NS-FP	<0.001	
		Oct-02	<0.001	<0.001	<0.001	NS-FP	NS-FP	<0.001	NS-FP	<0.001	
Molybdenum	7480	Oct-01	<0.4	<0.4	<0.4	NS-FP	NS-FP	<0.4			0.035*
		Feb-02	<0.1	<0.1	<0.1	NS-FP	NS-FP	<0.1			
		Jun-02	<0.035	<0.035	<0.035	NS-FP	NS-FP	<0.035	NS-FP	<0.035	
		Oct-02	<0.035	<0.035	<0.035	NS-FP	NS-FP	<0.035	NS-FP	<0.035	
Nickel	7520	Oct-01	<0.1	<0.1	<0.1	NS-FP	NS-FP	<0.1			0.1
		Feb-02	<0.04	<0.04	<0.04	NS-FP	NS-FP	<0.04			
		Jun-02	0.14	0.17	0.2	NS-FP	NS-FP	0.21	NS-FP	0.18	
		Oct-02	<0.05	<0.05	<0.05	NS-FP	NS-FP	<0.05	NS-FP	<0.05	
Selenium	7740	Oct-01	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005			0.05
		Feb-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005			
		Jun-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005	NS-FP	<0.005	
		Oct-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005	NS-FP	<0.005	
Silver	7760	Oct-01	<0.05	<0.05	<0.05	NS-FP	NS-FP	<0.05			0.1
		Feb-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005			
		Jun-02	<0.01	<0.01	<0.01	NS-FP	NS-FP	<0.01	NS-FP	<0.01	
		Oct-02	<0.01	<0.01	<0.01	NS-FP	NS-FP	<0.01	NS-FP	<0.01	
Thallium	7840	Oct-01	<0.2	<0.2	<0.2	NS-FP	NS-FP	<0.2			0.002
		Feb-02	<0.005	<0.005	<0.005	NS-FP	NS-FP	<0.005			
		Jun-02	<0.002	<0.002	<0.002	NS-FP	NS-FP	<0.002	NS-FP	<0.002	
		Oct-02	<0.002	<0.002	<0.002	NS-FP	NS-FP	<0.002	NS-FP	<0.002	
Vanadium	7910	Oct-01	<0.5	<0.5	<0.5	NS-FP	NS-FP	<0.5			0.06*
		Feb-02	0.03	0.05	0.16	NS-FP	NS-FP	0.14			
		Jun-02	<0.06	<0.06	<0.06	NS-FP	NS-FP	<0.06	NS-FP	<0.06	
		Oct-02	<0.06	<0.06	<0.06	NS-FP	NS-FP	<0.06	NS-FP	<0.06	
Zinc	7950	Oct-01	<0.05	<0.05	<0.05	NS-FP	NS-FP	<0.05			5
		Feb-02	<0.01	<0.01	<0.01	NS-FP	NS-FP	<0.01			
		Jun-02	0.07	0.04	0.05	NS-FP	NS-FP	0.04	NS-FP	0.23	
		Oct-02	<0.01	<0.01	<0.01	NS-FP	NS-FP	<0.01	NS-FP	<0.01	

NS-FP= Not Sampled Free Product present.
MCLs= Maximum Contaminant Levels.
* = Health Advisories.

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TABLE 8 FACC Free Product Removal Data Summary

Well ID	Date	Product Thickness (feet)	Method of Removal	Volume Removed	Volume Removed (mL)	FP Removed to Date (mL)
MW-1	11/30/2000	Sheen	None	0	0	0
	10/30/2001	Sheen	None	0	0	0
	2/15/2002	0.02	None	0	0	0
	11/13/2002	0.03	None	0	0	0
				Mw-1 Total Liters Removed:		0.000

Well ID	Date	Product Thickness (feet)	Method of Removal	Volume Removed	Volume Removed (mL)	FP Removed to Date (mL)
MW-4	10/30/2001	Sheen	None	0	0	0
	2/15/2002	0.06	None	0	0	0
	10/7/2002	Not measured	None	0	0	0
	6/30/2004	0.2	None	0	0	0
	7/23/2004	0.17	None	0	0	0
	9/16/2004	0.16	Bailer	15 mL	15	15
	9/28/2004	0.14	None	0	0	15
	10/11/2004	0.14	Bailer	15 mL	15	30
	10/22/2004	0.12	None	0	0	30
	11/11/2004	0.12	None	0	0	30
	11/24/2004	0.12	None	0	0	30
	12/21/2004	0.13	Bailer	10 mL	10	40
	1/4/2005	0.12	None	0	0	40
			None	0	0	40
				MW-4 Total Liters Removed:		0.040

Well ID	Date	Product Thickness (feet)	Method of Removal	Volume Removed	Volume Removed (mL)	FP Removed to Date (mL)
MW-6	11/30/2000	Not measured	None	0	0	0
	10/30/2001	0.5	None	0	0	0
	1/18/2002	0.89	Bailer	1.0 gallon	3785	3785
	2/15/2002	0.94	Bailer	0.5 gallon	1892	5677
	6/7/2002	1	Bailer	1.0 gallon	3785	9462
	6/10/2002	0.6	Bailer	0.5 gallon	1892	11354
	8/13/2002	0.34	Bailer	0.5 gallon	1893	13247
	6/14/2002	Not measured	Bailer	0.5 gallon	1893	15140
	10/7/2002	Not measured	None	0	0	15140
	12/2/2002	0.37	None	0	0	15140
	9/16/2004	0.02	None	0	0	15140
	9/28/2004	0.02	None	0	0	15140
	10/11/2004	0.01	None	0	0	15140
	10/22/2004	0.01	None	0	0	15140
	11/11/2004	0.09	None	0	0	15140
	11/24/2004	0.05	None	0	0	15140
	12/21/2004	0.04	Bailer	25 mL	25	15165
	1/4/2005	0.02	None	0	0	15165
			None	0	0	15165
				MW-6 Total Liters Removed:		15.165

TABLE 8 FACC Free Product Removal Data Summary

Well ID	Date	Product Thickness (feet)	Method of Removal	Volume Removed	Volume Removed (mL)	FP Removed to Date (mL)
MW-8	6/7/2002	0.34	Bailer	2 gallons	7570	7570
	7/12/2002	0.11	None	0	0	7570
	[illegible]	0.47	Bailer	1 gallon	3785	11355
	[illegible]	Not Measured	Bailer	3 gallons	11355	22710
	10/7/2002	Not Measured	None	0	0	22710
	10/2/2002	0.44	None	0	0	22710
	12/13/2002	Not Measured	Bailer	1 gallon	3785	26495
	12/16/2002	0.26	Bailer	1 L	1000	23710
	2/8/2004	0.24	Bailer	100 mL	100	23810
	2/10/2004	0.36	Bailer	100 mL	100	23910
	2/11/2004	0.1	None	0	0	23910
	2/13/2004	Not Measured	None	0	0	23910
	2/14/2004	0.15	Bailer	50 mL	50	23960
	2/16/2004	Not Measured	None	0	0	23960
	2/17/2004	0.08	None	0	0	23960
	2/19/2004	0.03	None	0	0	23960
	3/18/2004	0.19	Bailer	150 mL	150	24110
	4/30/2004	0.75	Bailer	250 mL	250	24360
	[illegible]	0.3	Bailer	[illegible] mL	[illegible]	24410
	6/30/2004	0.37	Bailer	50 mL	50	24460
	7/9/2004	0.1	Bailer	10 mL	10	24470
	7/22/2004	0.34	Bailer	20 mL	20	24490
	8/13/2004	0.34	Bailer	50 mL	50	24540
	9/16/2004	0.46	Bailer	250 mL	250	24790
	9/28/2004	0.41	Bailer	300 mL	300	25090
	10/11/2004	0.36	Bailer	350 mL	350	25440
	10/22/2004	0.4	Bailer	400 mL	400	25840
	11/11/2004	0.15	Bailer	75 mL	75	25915
	11/24/2004	0.18	Bailer	50 mL	50	25965
	12/8/2004	0.32	Bailer	250 mL	250	26215
	12/21/2004	0.24	Bailer	150 mL	150	26365
	1/4/2005	0.21	Bailer	125 mL	125	26490
	4/2/2005	0		0	0	
				MW-8 Total Liters Removed:		26.490

TABLE 8 FACC Free Product Removal Data Summary

Well ID	Date	Product Thickness (feet)	Method of Removal	Volume Removed	Volume Removed (mL)	PP Removed to Date (mL)
MW-10	3/19/2004	0.29	Bailer	0.25 gallons	946	946
	4/30/2004	0.4	Bailer	100 mL	100	1046
	5/27/2004	0.82	Bailer	0.5 gallons	1893	2939
	6/30/2004	0.51	Bailer	0.25 gallons	946	3885
	7/9/2004	0.12	Bailer	15 mL	15	3900
	7/23/2004	0.26	Bailer	10 mL	10	3910
	8/13/2004	1.18	Bailer	1 gallon	3785	7695
	9/16/2004	1.43	Bailer	1.25 gallons	4731	12426
	9/28/2004	0.57	Bailer	500 mL	500	12926
	10/11/2004	0.54	Bailer	600 mL	600	13526
	10/22/2004	0.63	Bailer	500 mL	500	14026
	11/11/2004	0.29	Bailer	200 mL	200	14226
	11/24/2004	0.2	Bailer	75 mL	75	14301
	12/8/2004	0.15	Bailer	50 mL	50	14351
	12/21/2004	0.18	Bailer	100 mL	100	14451
	1/4/2005	0.11	Bailer	500 mL	50	14501
	1/20/2005	0.11	Bailer	100 mL	100	14601
	2/1/2005	0.12	Bailer	100 mL	100	14701
	2/16/2005	0.06	Bailer	50 mL	50	14751
	3/11/2005	0.01		0	0	14751
	4/2/2005	0		0	0	
				MW-10 Total Liters Removed:		14.751
MW-16	1/20/2004	0.51	None	0	0	0
	2/9/2004	0.51	Bailer	250 mL	250	250
	2/10/2004	0.37	Bailer	150 mL	150	400
	2/11/2004	0.29	Bailer	100 mL	100	500
	2/13/2004	Not Measured	None	0	0	500
	2/14/2004	Not Measured	None	0	0	500
	2/16/2004	Not Measured	None	0	0	500
	2/17/2004	Not Measured	None	0	0	500
	2/18/2004	Not Measured	None	0	0	500
	3/19/2004	0.19	Bailer	150 mL	150	650
	4/30/2004	0.41	Bailer	100 mL	100	750
	5/27/2004	0.08	Bailer	25 mL	25	775
	6/30/2004	0.04	Bailer	25 mL	25	800
	7/9/2004	0.24	Bailer	10 mL	10	810
	7/23/2004	0.24	Bailer	10 mL	10	820
	8/13/2004	0.28	Bailer	50 mL	50	870
	9/16/2004	0.12	Bailer	20 mL	20	890
	9/28/2004	0.13	Bailer	20 mL	20	910
	10/11/2004	0.06	None	0	0	910
	10/22/2004	0.11	Bailer	15 mL	15	925
	11/11/2004	0.04	None	0	0	925
	11/24/2004	0.02	None	0	0	925
	12/21/2004	0.03	Bailer	5 mL	5	930
				MW-16 Total Liters Removed:		0.930

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TABLE 8 FACC Free Product Removal Data Summary

Well ID	Date	Product Thickness (feet)	Method of Removal	Volume Removed	Volume Removed (mL)	FP Removed to Date (mL)
MW-18	1/29/2004	5.15	?	?	0	0
	2/9/2004	4.96	Bailer	4.5 gallons	17033	17033
	2/10/2004	3.76	Bailer	3 gallons	11355	28388
	2/11/2004	3.92	Pump	3.25 gallons	12301	40689
	2/13/2004	3.86	Pump	3.25 gallons	12301	52990
	2/14/2004	4.3	Pump	4.5 gallons	17033	70023
	2/16/2004	4	Pump	3.75 gallons	14194	84217
	2/17/2004	3.8	Pump	3.5 gallons	13248	97465
	2/18/2004	3.3	Pump	3 gallons	11355	108820
	3/4/2004	Not Measured	Pump	3 gallons	11355	120175
	3/5/2004	Not Measured	Pump	1.5 gallons	5678	125853
	3/8/2004	2.96	Pump	4 gallons	15140	140993
	3/10/2004	Not Measured	Pump	1 gallon	3785	144778
	3/19/2004	2.77	Bailer	3 gallons	11356	156133
	4/30/2004	3.5	Bailer	3.75 gallons	14194	170327
	5/27/2004	4.6	Bailer	2.5 gallons	9463	179790
	6/30/2004	2.09	Bailer	1.5 gallons	5678	185468
	7/9/2004	1.75	Bailer	1.0 gallon	3785	189253
	7/23/2004	2.04	Bailer	1.0 gallon	3785	193038
	8/13/2004	1.65	Bailer	0.75 gallons	2839	195877
	9/16/2004	0.23	Bailer	100 mL	100	195977
	9/28/2004	0.02	None	0	0	195977
	10/11/2004	0.02	None	0	0	195977
	10/22/2004	0.02	None	0	0	195977
	11/11/2004	0.22	Bailer	75 mL	75	196052
	11/24/2004	0.79	Bailer	500 mL	500	196552
	12/8/2004	0.96	Bailer	600 mL	600	197152
	12/21/2004	0.91	Bailer	600 mL	600	197752
	1/4/2005	1.22	Bailer	700 mL	700	198452
	1/20/2005	0.36	Bailer	200 mL	200	198652
	2/1/2005	0.66	Bailer	350 mL	350	199002
	2/16/2005	0.58	Bailer	300 mL	300	199302
	3/11/2005	0.13	Bailer	50 mL	50	199352
	4/2/2005	0.34	Bailer	200 mL	200	199552
	4/5/2005	0.04	Skimmer	380 mL	380	199932
	4/7/2005	0.04	Skimmer	380 mL	380	200312
	4/9/2005	0.04	Skimmer	380 mL	380	200692
	4/11/2005	0.04	Skimmer	380 mL	380	201072
	4/13/2005	0.04	Skimmer	380 mL	380	201452
	4/15/2005	0.04	Skimmer	380 mL	380	201832
	4/19/2005	0.04	Skimmer	380 mL	380	202212
	4/20/2005	0.04	Skimmer	380 mL	380	202592
	4/22/2005	0.04	Skimmer	380 mL	380	202972
	4/25/2005	0.04	Skimmer	380 mL	380	203352
	4/27/2005	0.04	Skimmer	380 mL	380	203732
	4/29/2005	0.04	Skimmer	380 mL	380	204112
	5/4/2005	0.04	Skimmer	380 mL	380	204492
	5/6/2005	0.04	Skimmer	380 mL	380	204872
	5/10/2005	0.03	Skimmer	300 mL	300	205172
	5/12/2005	0.03	Skimmer	300 mL	300	205472
	5/18/2005	0.03	Skimmer	300 mL	300	205772
	5/21/2005	0.03	Skimmer	200 mL	200	205972
	5/23/2005	0.04	Skimmer	200 mL	200	206172
	6/3/2005	0.04	Skimmer	100 mL	100	206272
	6/11/2005	0.03	Skimmer	100 mL	100	206372
	6/13/2005	0.04	Skimmer	100 mL	100	206472
	6/15/2005	0.04	Skimmer	100 mL	100	206572
	7/1/2005	0.03	Skimmer	100 mL	100	206672
	7/12/2005	0.03	Skimmer	100 mL	100	206772
	7/15/2005	0.03	Skimmer	100 mL	100	206872
	7/16/2005	0.03	Skimmer	100 mL	100	206972
	7/19/2005	0.03	Skimmer	100 mL	100	207072
	7/30/2005	0.03	Skimmer	100 mL	100	207172
	8/8/2005	0.03	Skimmer	100 mL	100	207272
	8/13/2005	0.03	Skimmer	100 mL	100	207372
	8/20/2005	0.03	Skimmer	100 mL	100	207472
	8/27/2005	0.03	Skimmer	100 mL	100	207572
	9/3/2005	0.03	Skimmer	100 mL	100	207672
	9/10/2005	0.02	Skimmer	50 mL	50	207722
	9/13/2005	0.03	Skimmer	50 mL	50	207772
	9/17/2005	0.03	Skimmer	50 mL	50	207822
	9/[illegible]/2005	0.02	Skimmer	50 mL	50	207872
	10/15/2005	0.02	Skimmer	50 mL	50	207922
	10/24/2005	0.02	Skimmer	50 mL	50	207972
	10/31/2005	0.02	Skimmer	50 mL	50	208022
	11/12/2005	Sheen	Skimmer	0 mL	0	208022
	3/11/2006	Sheen	Skimmer	25mL	25	208047
	9/18/2006	Sheen	Skimmer	0	0	208047
				MW-18 Total Liters Removed:		208.022

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TABLE 8 FACC Free Product Removal Data Summary

Well ID	Date	Product Thickness (feet)	Method of Removal	Volume Removed	Volume Removed (mL)	fP Removed to Date (mL)
MW-19	1/29/2004	1.75	?	?	0	0
	2/8/2004	0.43	Bailer	200 mL	200	200
	2/10/2004	0.7	Bailer	300 mL	300	500
	2/11/2004	0.27	Pump	100 mL	100	600
	2/13/2004	Not Measured	None	0	0	600
	2/14/2004	0.6	Pump	250 mL	250	850
	2/16/2004	0.3	Pump	100 mL	100	950
	2/17/2004	0.25	Pump	100 mL	100	1050
	2/18/2004	0.23	Pump	100 mL	100	1150
	3/19/2004	1.51	Bailer	0.75 gallons	2839	3989
	4/30/2004	2.05	Bailer	1.25 gallons	4731	8720
	5/27/2004	2.2	Bailer	1.25 gallons	4731	13451
	6/30/2004	2.04	Bailer	1 gallon	3785	17236
	7/9/2004	1.1	Bailer	0.5 gallons	1893	19129
	7/23/2004	0.77	Bailer	0.4 gallons	1514	20643
	8/13/2004	1.07	Bailer	0.5 gallons	1893	22535
	9/16/2004	1.38	Bailer	0.5 gallons	1893	24428
	9/28/2004	0.94	Bailer	400 mL	400	24828
	10/11/2004	0.75	Bailer	450 mL	450	25278
	10/22/2004	0.53	Bailer	250 mL	250	25528
	11/11/2004	0.66	Bailer	450 mL	450	25978
	11/24/2004	0.78	Bailer	500 mL	500	26478
	12/8/2004	0.88	Bailer	500 mL	500	26978
	12/21/2004	1	Bailer	600 mL	600	27578
	1/4/2005	1.05	Bailer	600 mL	600	28178
	1/20/2005	0.95	Bailer	500 mL	500	28678
	2/1/2005	0.65	Bailer	375 mL	375	29053
	2/16/2005	0.5	Bailer	300 mL	300	29353
	3/11/2005	0.35	Bailer	100 mL	100	29453
	3/27/2005	0.42	Bailer	250 mL	250	29703
	4/5/2005	0.04	Skimmer	380 mL	380	30083
	4/7/2005	0.04	Skimmer	380 mL	380	30463
	4/9/2005	0.04	Skimmer	380 mL	380	30843
	4/11/2005	0.04	Skimmer	380 mL	380	31223
	4/13/2005	0.04	Skimmer	380 mL	380	31603
	4/15/2005	0.04	Skimmer	380 mL	380	31983
	4/18/2005	0.04	Skimmer	380 mL	380	32363
	4/20/2005	0.04	Skimmer	380 mL	380	32743
	4/22/2005	0.04	Skimmer	380 mL	380	33123
	4/25/2005	0.04	Skimmer	380 mL	380	33503
	4/27/2005	0.04	Skimmer	380 mL	380	33883
	4/29/2005	0.04	Skimmer	380 mL	380	34263
	5/4/2005	0.04	Skimmer	380 mL	380	34643
	5/6/2005	0.04	Skimmer	380 mL	380	35023
	5/10/2005	0.03	Skimmer	300 mL	300	35323
	5/13/2005	0.03	Skimmer	300 mL	300	35623
	5/18/2005	0.03	Skimmer	300 mL	300	35923
	5/21/2005	0.03	Skimmer	200 mL	200	36123
	5/27/2005	0.03	Skimmer	200 mL	200	36323
	[illegible]	0.04	Skimmer	300 mL	300	36623
	[illegible]	0.04	Skimmer	200 mL	200	36823
	[illegible]	0.04	Skimmer	200 mL	200	37023
	[illegible]	0.04	Skimmer	200 mL	200	37223
	[illegible]	0.03	Skimmer	200 mL	200	37423
	7/9/2005	0.03	Skimmer	200 mL	200	37623
	[illegible]	0.03	Skimmer	200 mL	200	37823
	[illegible]	[illegible]	Skimmer	200 mL	200	38023
	[illegible]	[illegible]	Skimmer	[illegible]	200	38223
	7/30/2005	0.03	Skimmer	200 mL	200	38423
	8/8/2005	0.03	Skimmer	200 mL	200	38623
	8/13/2005	0.03	Skimmer	200 mL	200	38823
	8/20/2005	0.03	Skimmer	200 mL	200	39023
	8/27/2005	0.02	Skimmer	150 mL	150	39173
	8/[illegible]/2005	0.02	Skimmer	150 mL	150	39323
	9/10/2005	0.02	Skimmer	150 mL	150	39473
	9/19/2005	0.03	Skimmer	150 mL	150	39623
	[illegible]	0.03	Skimmer	150 mL	150	39773
	[illegible]	0.02	Skimmer	100 mL	100	39873
	10/17/2005	0.02	Skimmer	100 mL	100	39973
	10/24/2005	0.02	Skimmer	100 mL	100	40073
	[illegible]	0.02	Skimmer	100 mL	100	40173
	[illegible]	0.02	Skimmer	250 mL	250	40423
	[illegible]	[illegible]	Skimmer	250 mL	250	40673
	1/12/2006	0.01	Skimmer	150 mL	150	40773
	2/11/2006	0.01	Skimmer	150 mL	150	40923
	3/11/2006	0.01	Skimmer	125 mL	125	41048
	4/22/2006	Sheen	Skimmer	100ml	100	41148
	5/20/2006	Sheen	Skimmer	100 ml	100	41248
	6/16/2006	Sheen	Skimmer	60 ml	60	41308
						41308
				MW-19 Total Liters Removed:		41,308
MW-21	12/8/2004	2.08	Bailer	1500 mL	1500	1500
	12/13/2004	0.22	Bailer	50 mL	50	1550
	12/21/2004	0.04	Bailer	5 mL	5	1555
	1/4/2005	0.04	None	0	0	1555
	2/1/2005	0.002	Bailer	3 mL	3	1558
	4/2/2005	0		0	0	
				MW-21 Total Liters Removed:		1,558
MW-22	2/10/2004	0.04	None	0	0	0
				MW-22 Total Liters Removed:		0.000

ANCHEM1729

APPENDIX A

ANCHEM1730

WELL GAUGING DATA

Project # 060324-ESL Date 3/24/06 Client Clean Soil

Site 8915 Sorensen Ave Santa Fe Springs, Ca

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-4	4					26.50	26.53	TOC	
MW-6	4					29.89	30.21		
MW-8	4					31.39	40.61		
MW-9	4					32.80	45.92		
MW-10	4					31.03	40.46		
MW-11	2					31.55	39.78		Transducer
MW-12	2					31.67	45.90		Transducer
MW-13	2					39.47	62.27		
MW-14	2					39.76	62.96		
MW-15	2					41.13	64.36		
MW-16	2					31.54	45.25		
MW-17	2					37.91	66.08		
MW-20	2					38.56	66.90		Transducer
MW-21	2		33.98	0.01		33.99	—		
MW-22	2					37.45	40.00		
MW-23	4					36.76	80.04		Transducer
MW-24	4					39.91	76.65		

WELL GAUGING DATA

Project # 060324-ES1 Date 3/24/06 Client Clean Soil

Site 8915 Sorenson Ave. Santa Fe Springs, Ca.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-25	[illegible]	unable	to access well			~~37.45~~ ES	~~40.00~~ ES	TOC	
MW-26	2					32.21	40.00		
MW-18	2		33.98	0.01		33.99	—		skimmer in well
MW-19	2		32.44	0.05		32.49	—		skimmer in well

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 26.53	Depth to Water (DTW): 26.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type —
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Rediflo pump, Extraction Pump, Other ___

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ___

Flow Rate= ___

___ (Gals.) X ___ = ___ Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
— insufficient H2O to sample —								
—	—	—	No	Samples	Taken		—	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory:

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 30.21	Depth to Water (DTW): 29.89
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type ___
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: ___	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Peristaltic pump, Extraction Pump, Other ___

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ___

Flow Rate= ___

___ (Gals.) X ___ = ___ Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
—	—	In	sufficient	+ H2O	to	Sample	—	
—	—	—	No	Samples	Taken		—	

Did well dewater?	Yes	No	Gallons actually evacuated:
Sampling Date:		Sampling Time:	Depth to Water:
Sample I.D.:		Laboratory:	
Analyzed for:			Other:
EB I.D. (if applicable):	@ Time	Duplicate I.D. (if applicable):	
FB I.D. (if applicable):	@ Time	Analyzed for:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

WELL MONITORING DATA SHEET

Project #: 060326E5-1	Site: Angeles Chemical Co.
Sampler: BK	Date: 3/24/06
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 40.61	Depth to Water (DTW): 31.39
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type YSI-556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.23	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" (Rediflo pump), Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, ~~Dedicated Tubing~~, Other: _____

Flow Rate= 2 LPM

6 (Gals.) X 3 = 18.0 Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (~~°F~~ C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1132	27.59	7.4	2050	19	0.23	-352.1	6	ODOR
1134	27.16	7.4	2168	10	0.27	-352.9	12	↓
1137	26.64	7.4	2040	8	0.25	-358.8	18	well Dewatered @ 18 gals

Did well dewater? Yes (No) Gallons actually evacuated: 18.0

Sampling Date: 3/24/06 Sampling Time: 1139 Depth to Water: 33.23

Sample I.D.: MW-8 Laboratory: Alpha Scientific

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 45.92	Depth to Water (DTW): 32.80
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type YSI 556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 35.42	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Rediflo (Pump), Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated (Tubing), Other: _____

Flow Rate= 2 G.P.M

8.6 (Gals.) X 3 = 25.8 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1115 - Start purge —								
1120	22.91	6.78	2550	22	0.72	-128.1	9	
1124	22.97	6.75	2544	7	0.35	-111.4	18	
1128	22.98	6.76	2561	4	0.27	-106.2	26	

Did well dewater? Yes (No) Gallons actually evacuated: 26

Sampling Date: 3/24/06 Sampling Time: 1133 Depth to Water: 35.42

Sample I.D.: MW-9 Laboratory: Alpha

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 0603246-1	Site: Angeles Chemical Co.
Sampler: BL	Date: 3/29/06
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 40.46	Depth to Water (DTW): 31.03
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type YSI-556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.91	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, (2" Redillo pump), Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, (Dedicated Tubing), Other: _____

Flow Rate= 2GPM

6.1 (Gals.) X 3 = 18.3 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1307	27.56	7.4	1502	17	0.19	-312.4	6.5	odor
1311	27.08	7.4	1455	7	0.23	-332.7	13.0	↓
1314	26.16	7.4	1433	5	0.22	-350.6	18.5	Dewatered & purged

Did well dewater? Yes (No) Gallons actually evacuated: 18.5

Sampling Date: 3/29/06 Sampling Time: 1316 Depth to Water: 34.48

Sample I.D.: MW-10 Laboratory: Alpha Scientific

Analyzed for: Other:

EB I.D. (if applicable): EB#2 @ 1045 Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-11	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 39.73	Depth to Water (DTW): ~~45.90~~ 31.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type YSI 556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.19	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Redi-flo pump, Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

Flow Rate= ~~0.25~~ 0.5 G.P.M

1.4 (Gals.) X 3 = 4.2 Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1322 - start purge								
1327	26.46	6.71	1998	22	0.25	-198.6	1.5	
1330	27.49	6.67	2304	8	0.17	-215.9	3.0	
1333	27.11	6.63	2226	3	0.14	-205.6	4.5	

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 3/24/06 Sampling Time: 1343 Depth to Water: 31.65

Sample I.D.: MW-11 Laboratory: Alpha

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable): MW-1

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324ES-1	Site: Angeles Chemical Co.
Sampler: BK	Date: 3/24/06
Well I.D.: MW-12	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 45.90	Depth to Water (DTW): 31.67
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type 451-556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.51	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Rediflo pump, Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

Flow Rate= 0.15 GPM

2.1 (Gals.) X 3 = 6.3 Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1241	23.33	7.2	1139	365	1.42	-262.7	2.5	
1246	23.37	7.1	1280	43	2.48	-263.2	5	
1249	23.45	7.1	1222	27	2.41	-270.7	6.5	

Did well dewater? Yes No Gallons actually evacuated: 6.5

Sampling Date: 3/24/06 Sampling Time: 1251 Depth to Water: 31.69

Sample I.D.: MW-12 Laboratory: Alpha Scientific

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 4603245	Site: Angeles Chemical Co.
Sampler: Bz	Date: 3/24/00
Well I.D.: MW-13	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 62.27	Depth to Water (DTW): 34.47
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type YSI-556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 44.03	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, (2" Rediflo pump), Extraction Pump, Other ____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, (Dedicated Tubing), Other: ____

Flow Rate= 1 GPM

3.6 (Gals.) X 3 = 11.0 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1015	22.95	7.6	2026	96	4.69	-200.9	4	
1019	22.48	7.6	2016	49	4.73	-200.4	8	
1022	22.95	7.6	2012	31	4.72	-201.0	11.0	

Did well dewater? Yes (No) Gallons actually evacuated: 11.0

Sampling Date: 3/24/00 Sampling Time: 1024 Depth to Water: 44.01

Sample I.D.: MW-13 Laboratory: Alpha Scientific

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-14	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 62.96	Depth to Water (DTW): 39.76
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type _____
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 44.40	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / 2" Rediflo pump (circled) / Extraction Pump / Other_____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing (circled) / Other: _____

Flow Rate= 1 G.P.M.

3.8 (Gals.) X 3 = 11.4 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS) (µS circled)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1249 — start purge								
1253	22.55	6.87	2193	146	3.38	52.0	4	
1257	22.89	6.88	2208	64	3.32	50.9	8	
1301	22.87	6.88	2207	31	3.32	51.7	12	

Did well dewater? Yes (No circled) Gallons actually evacuated: 12

Sampling Date: 3/24/06 Sampling Time: 1310 ~~1245~~ Depth to Water: 40.36

Sample I.D.: MW-14 Laboratory: Alpha

Analyzed for: Other:

EB I.D. (if applicable): EB #1 @ 1245 Time Duplicate I.D. (if applicable): [redacted] ES

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 0031YE87	Site: Angeles Chemical Co.
Sampler: [illegible]	Date: 3/24/06
Well I.D.: MW-15	Well Diameter: (2) 3 ~~4~~ 6 8 ____
Total Well Depth (TD): 64.36	Depth to Water (DTW): 41.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 45.77	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, (2" Rediflo pump), Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, ~~Dedicated Tubing~~, Other: _____

Flow Rate= 1 Gpm

~~15~~ 4 (Gals.) X 3 = ~~45~~ 12.0 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1415	22.95	7.1	2018	30	0.18	-99.7	~~45~~ 4	
1419	22.96	7.4	2030	21	0.21	-336.6	8	
1423	22.93	7.3	2044	34	0.19	-320.2	~~45~~ 12.0	

Did well dewater? Yes (No)		Gallons actually evacuated: ~~45~~ 12.0	
Sampling Date: 3/24/06	Sampling Time: 1430	Depth to Water: 45.77	
Sample I.D.: MW-15		Laboratory: Alpha Scientific	
Analyzed for:		Other:	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
FB I.D. (if applicable): @ Time		Analyzed for:	
D.O. (if req'd):	Pre-purge: mg/L	Post-purge: mg/L	
O.R.P. (if req'd):	Pre-purge: mV	Post-purge: mV	

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-16	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 45.25	Depth to Water (DTW): 31.54
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type YSI 556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.28	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, (2" Rediflo pump), Extraction Pump, Other _____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

Flow Rate= 1GPM

2.2 (Gals.) X 3 = 6.6 Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1412 — start purge								
1414	23.59	6.64	2105	>1000	0.17	-121.9	2.5	
1416	23.73	6.64	2142	>1000	0.22	-145.5	4.5	
1418	23.76	6.63	2179	~~>1000~~ 323	0.13	-151.3	7.0	

Did well dewater? Yes (No) Gallons actually evacuated: 7.0

Sampling Date: 3/24/06 Sampling Time: 1425 Depth to Water: 35.45

Sample I.D.: MW-16 Laboratory: Alpha

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-17	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 66.08	Depth to Water (DTW): 37.91
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type YSI 556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 43.54	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / 2" Redi-flo pump (circled) / Extraction Pump / Other ____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing (circled) / Other: ____

Flow Rate= 1.G.P.M.

4.6 (Gals.) X 3 = 13.8 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
0941 – start purge	—							
1046	22.88	6.87	2222	54	3.21	35.3	5	
1051	22.84	6.86	2259	31	3.28	55.6	10	
1056	22.86	6.85	2272	15	3.38	82.6	14	
1059	22.86	6.85	2271	10	3.36	86.6	18	

Did well dewater? Yes (No) Gallons actually evacuated: 19

Sampling Date: 3/24/06 Sampling Time: 1100 Depth to Water: 43.15

Sample I.D.: MW-17 Laboratory: Alpha

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-18	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): 33.99
Depth to Free Product: 33.98	Thickness of Free Product (feet): 0.01
Referenced to: (PVC) Grade	Flow Cell Type —
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Rediflo pump, Extraction Pump, Other _____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

Flow Rate=_____

_____(Gals.) X _____ = _____Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
—	—	0.01	*product detected w/ interface probe					—
—	—		No samples		Taken		—	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory:

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-19	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): 32.49
Depth to Free Product: 32.44	Thickness of Free Product (feet): 0.05
Referenced to: (PVC) Grade	Flow Cell Type —
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Rediflo pump, Extraction Pump, Other ___

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ___

Flow Rate= ___

___ (Gals.) X ___ = ___ Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
—	—	0.05' product detected w/ interface probe						—
—	—	No Samples Taken					—	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory:

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-20	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 66.90	Depth to Water (DTW): 38.56
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type YSI 556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 44.22	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Rediflo pump, Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

Flow Rate= 1 G.P.M.

4.6 (Gals.) X 3 = 13.8 Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1007	— Start purge —							
1012	23.01	6.98	2172	79	2.92	-45.6	5	
1017	23.06	6.97	2177	55	3.14	-19.3	10	
1022	23.04	6.96	2176	10	3.23	-9.7	14	

Did well dewater? Yes (No) Gallons actually evacuated: 14

Sampling Date: 3/24/06 Sampling Time: 1026 Depth to Water: 43.11

Sample I.D.: MW-20 Laboratory: Alpha

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324-ES1	Site: Angeles Chemical Co.
Sampler: ES	Date: 3/24/06
Well I.D.: MW-21	Well Diameter: 2 3 4 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): 33.99
Depth to Free Product: 33.98	Thickness of Free Product (feet): 0.01
Referenced to: PVC Grade	Flow Cell Type —
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Rediflo pump, Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

Flow Rate=_____

_____(Gals.) X _____ = _____ Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
—	0.01'	Product	detected	w/interface	probe	—		
—	—	No	Samples		Taken		—	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory:

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324ES-1	Site: Angeles Chemical Co.
Sampler: BL	Date: 5/24/06
Well I.D.: MW-22	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 40.00	Depth to Water (DTW): 39.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type YSI-556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / 2" Rediflo pump / Extraction Pump / Other_____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other: _____

Flow Rate= _____

_____(Gals.) X _____ = _____ Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
	—	No	Purge due to insufficient H_2O					
0945	75.4	6.4	1922	200	0.15	-187.5		

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 5/24/06 Sampling Time: 0945 Depth to Water: 37.45

Sample I.D.: MW-22 Laboratory: Alpha Scientific

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 060324ES-1	Site: Angeles Chemical Co.
Sampler: BK	Date: 3/24/06
Well I.D.: MW-26	Well Diameter: 2 3 4 6 8 ____
Total Well Depth (TD): 40.00	Depth to Water (DTW): 32.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type YSI-556
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.76	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Rediflo pump, Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

Flow Rate= 2 GPM

5 (Gals.) X 3 = 15 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1344	23.71	7.1	2357	35	6.42	-315.3	5	
~~1344~~	- well dewatered			@	5.0 gal.		~~10~~	
~~1344~~							~~15~~	
1440	25.11	7.1	2419	15	1.80	-255.0		

Did well dewater? Yes No Gallons actually evacuated: 5.0

Sampling Date: 3/24/06 Sampling Time: 1440 Depth to Water: 33.42

Sample I.D.: MW-26 Laboratory: Alpha Scientific

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 060324-ES1				PROJECT NUMBER Clean Soils @ Angeles Chem Co.			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
Flow cell	#6	3/24/06 0700	pH: 7 10 4	7.04 9.92 3.94	7.00 10.00 3.99	16.85 °C	ES
↓	↓	↓	cond 3900 ORP	3342 279.2	3900 246.0	15.74 °C	ES
↓	↓	↓	D.O.%	98.3%	99.8%	15.0°C	ES

ANCHEM1751

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME				PROJECT NUMBER			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI-556 Flow cell	#4	3/24 0653	4 7 10	3.52 7.24 9.52	4 7 10	16.11°	BK
↓	↓	0654	Cond	3793	3900	16.13°	BK
		0655	DO	9.92	9.99	15.43°	BK
		0656	ORP	241.9	244	16.12	BK

ANCHEM1752

ALPHA SCIENTIFIC CORPORATION
CHAIN OF CUSTODY RECORD

Lab Job Number 8L603113

ANCHEM1753

Client: Clean Soil
Address: PO Box 1180, Lomita, CA 90717
Report Attention: Mark
Phone: 310 753-5770
Fax: 310-853-3349
Sampled by: Blaine / Mark
Project Name/No.: Angeles
Project Site: 8915 Sorensen Ave, Santa Fe Springs

T.A.T. Requested: ☐ Rush 8 12 24 hrs ☐ 2-3 days ☒ Normal

Sample Condition: ☒ Chilled ☒ Intact ☐ Sample seals

Client Sample ID	Lab Sample ID	Sample Collect Date	Sample Collect Time	Matrix Type	Sample Preserv	No.,type* & size of container	8015M (Gasoline)	8015M (Diesel)	8260B(BTEX, Oxygenates)	8260B (VOCs)	8270C(SVOCs)	CAM Metals	DOC, TDC, TDS	Cations, Anions, Sulfide, Nitrate, Alkalinity	Ferrous Iron, Total Fe	Carbonates, Bicarb	Acetone, Ethanol	Remark
MW-4	NO Sample - Dry			H_2O		2V				X								If ND for 1,4-dioxane on MW-8, 14 or 15, please run 8270C for 1,4 dioxane
MW-6	NO Sample - Dry					2V				X								
MW-8	8L603113-1	3/24/06	1139			3V4P16				X			X	X	X	X	X	
MW-9	2	3/24/06	1133			3V4P	X			X								
MW-10	3	3/24/06	1316			3V4P	X			X								
MW-11	4	3/24/06	1343			3V4P	X			X								
MW-12	5	3/24/06	1251			3V4P16	X			X	X		X	X	X	X	X	
MW-13	6	3/24/06	1024			3V4P16	X			X	X		X	X	X	X	X	
MW-14	7	3/24/06	1310			3V4P16	X			X			X	X	X	X	X	
MW-15	8	3/24/06	14:30			3V4P16	X			X			X	X	X	X	X	
MW-16	9	3/24/06	14:25			3V4P				X								
MW-17	10	3/24/06	11:00			3V4P16	X			X	X		X	X	X	X	X	
MW-18	NO Sample - Free Product					—				X								
MW-19	NO Sample - Free Product					—				X								
MW-20	11	3/24/06	1026	H_2O		3V4P16	X			X	X		X	X	X	X	X	
MW-21	NO Sample - Free Product					—				X								

Relinquished by	Company	Date	Time	Received by	Company	Date	Time
[signature]	Clean Soil	3/24/06	1603	[signature]	ASC	3/24/06	16:03
Relinquished by	Company	Date	Time	Received by	Company	Date	Time

Container types: M=Metal Tube, A=Air Bag, G=Glass bottle, P=Plastic bottle, V=VOA vial

Alpha Scientific Corporation
16760 Gridley Road
Cerritos, CA 90703
Tel: (562) 809-8880
Fax: (562) 809-8801

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.
Distribution: WHITE with report, PINK to courier.

ALPHA SCIENTIFIC CORPORATION

CHAIN OF CUSTODY RECORD

Lab Job Number BL603113

Client: Clean Soil

Address: P.O. Box 1180, Lomita, CA, 90717

Report Attention: Mark | Phone: 310-791-5770 | Fax: 310-833-3349 | Sampled by: Blaine/Mark

Project Name/No.: Angeles | Project Site: 8915 Sorensen Ave, Santa Fe Springs

T.A.T. Requested: ☐ Rush 8 12 24 hrs ☐ 2-3 days ☒ Normal

Sample Condition: ☒ Chilled ☒ Intact ☐ Sample seals

ANCHEM1754

Client Sample ID	Lab Sample ID	Sample Collect Date	Sample Collect Time	Matrix Type	Sample Preserv	No.,type* & size of container	8015M (Gasoline)	8015M(Diesel)	8260B(BTEX, Oxygenates)	8260B (VOCs)	8270C(SVOCs)	CAM Metals	DOC, TDC, TDS	Chloride, Sulfate, Sulfide, Nitrate, Nitrite	Ferrous Iron, Total Iron	Carbonate, Bicarbonate	Manganese, Ethane	Remark
MW-22	BL603113-12	3/24/06	0945	H_2O	HCL	2V				X								
MW-23	-13	3/24/06	1200	↓	—	2V				X								Small Bubbles
MW-24	-14	3/24/06	1108	↓	—	2V				X								
MW-25		NO SAMPLE - Not Accessible								X								
MW-26	-15	3/24/06	1440	H_2O	HCL	2V				X								
Trip Blank (EB-1)	-16	3/24/06	12:45	2V	HCL	2V				X								
Duplicate Blank (MW-1)	-17	3/24/06	13:45	2V	2V	2V				X								
Equip. Blank (TOL)	-18	3/24/06	07:00	2V	2V	2V				X								
Equip. Blank (EB-2)	-19	3/24/06	12:45	2V	2V	2V												

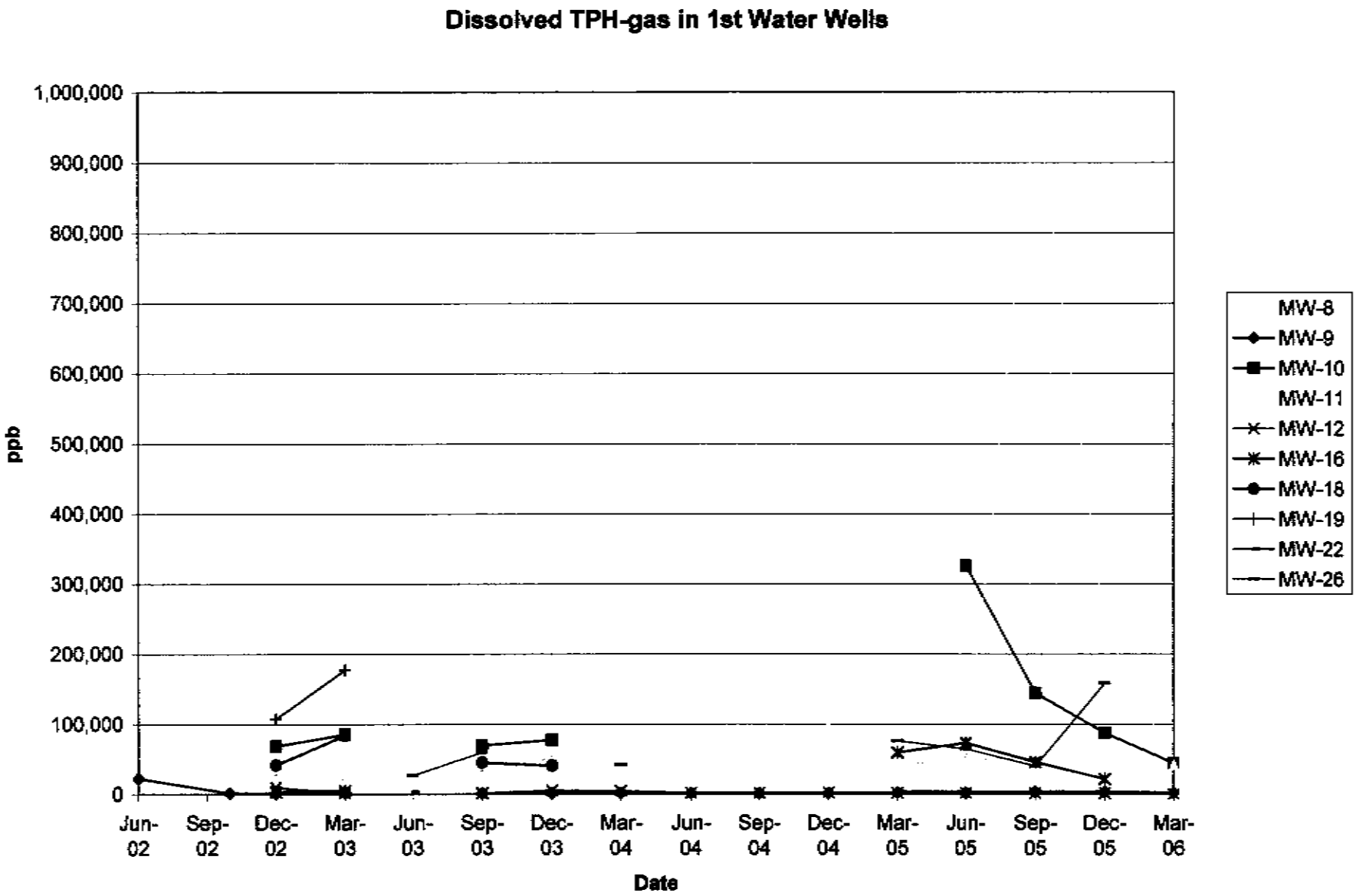
Relinquished by	Company	Date	Time	Received by	Company	Date	Time
[signature]	Clean Soil	3/24/06	16:03	[signature]	ASC	3/24/06	16:03
Relinquished by	Company	Date	Time	Received by	Company	Date	Time

Container types: M=Metal Tube, A=Air Bag, P=Plastic bottle, G=Glass bottle, V=VOA vial

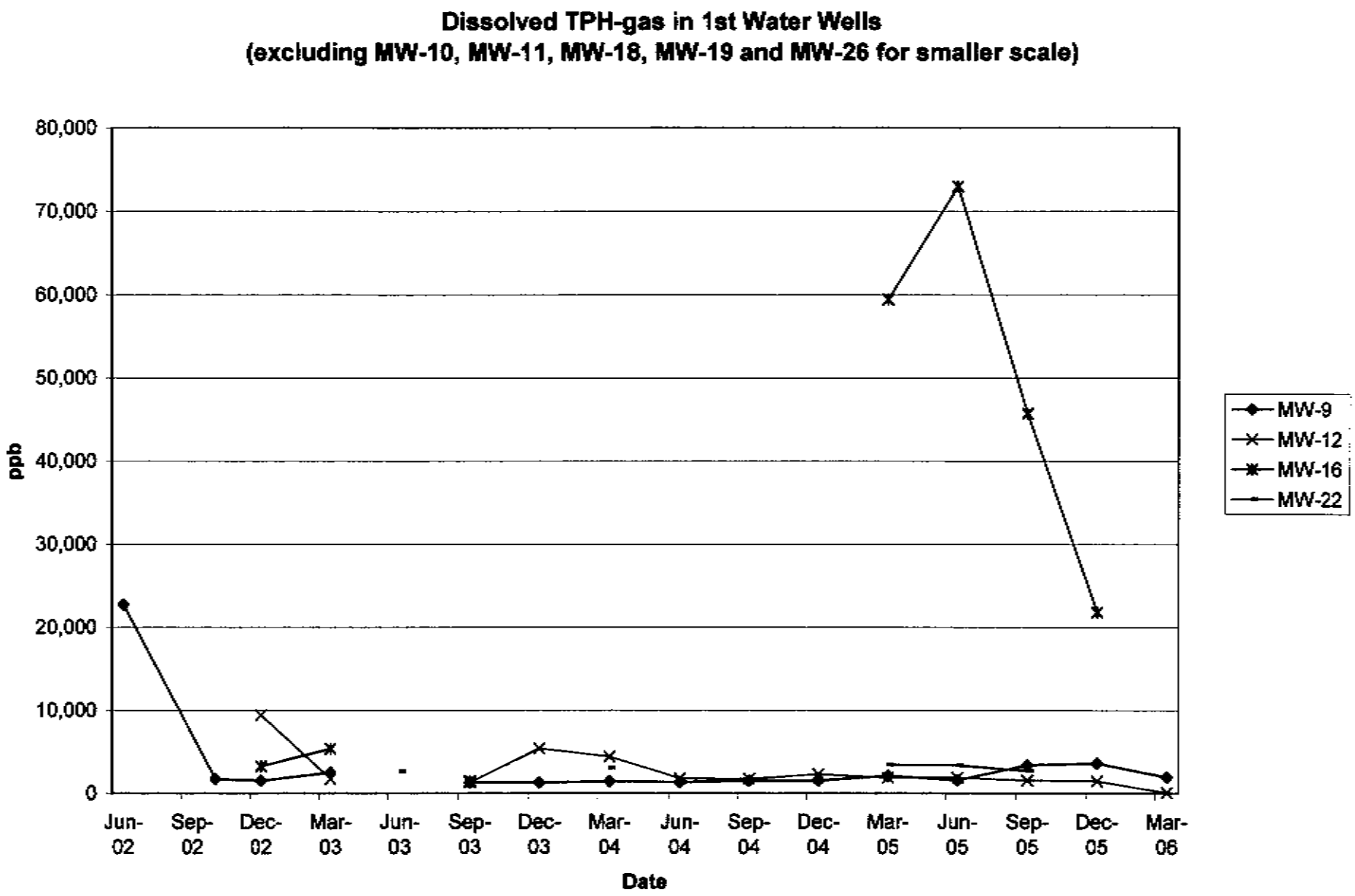
Alpha Scientific Corporation
16760 Gridley Road
Cerritos, CA 90703
Tel: (562) 809-8880
Fax: (562) 809-8801

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.
Distribution: WHITE with report, PINK to courier.

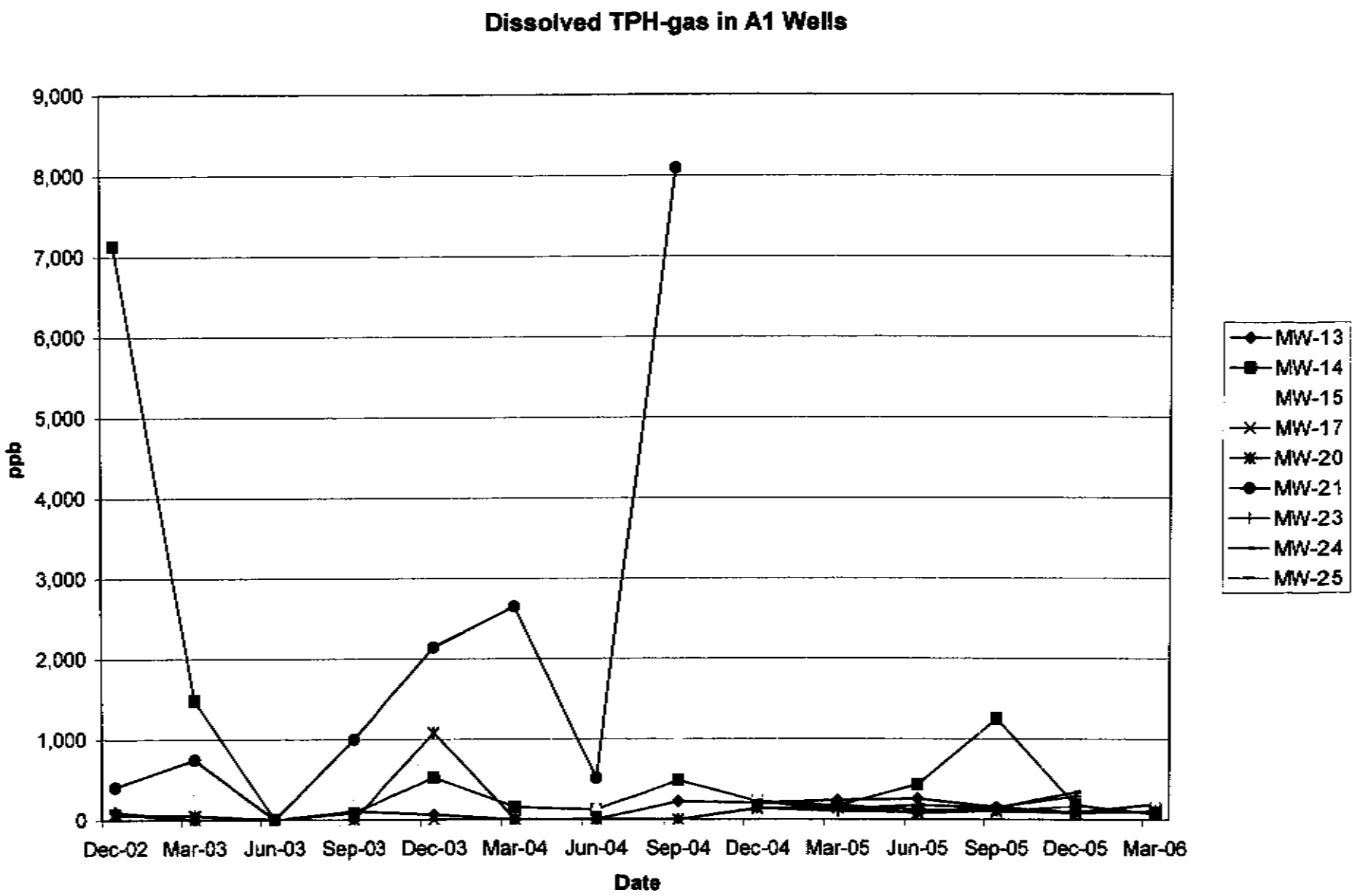
APPENDIX B


Dissolved TPH-gas in 1st Water Wells
1,000,000
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

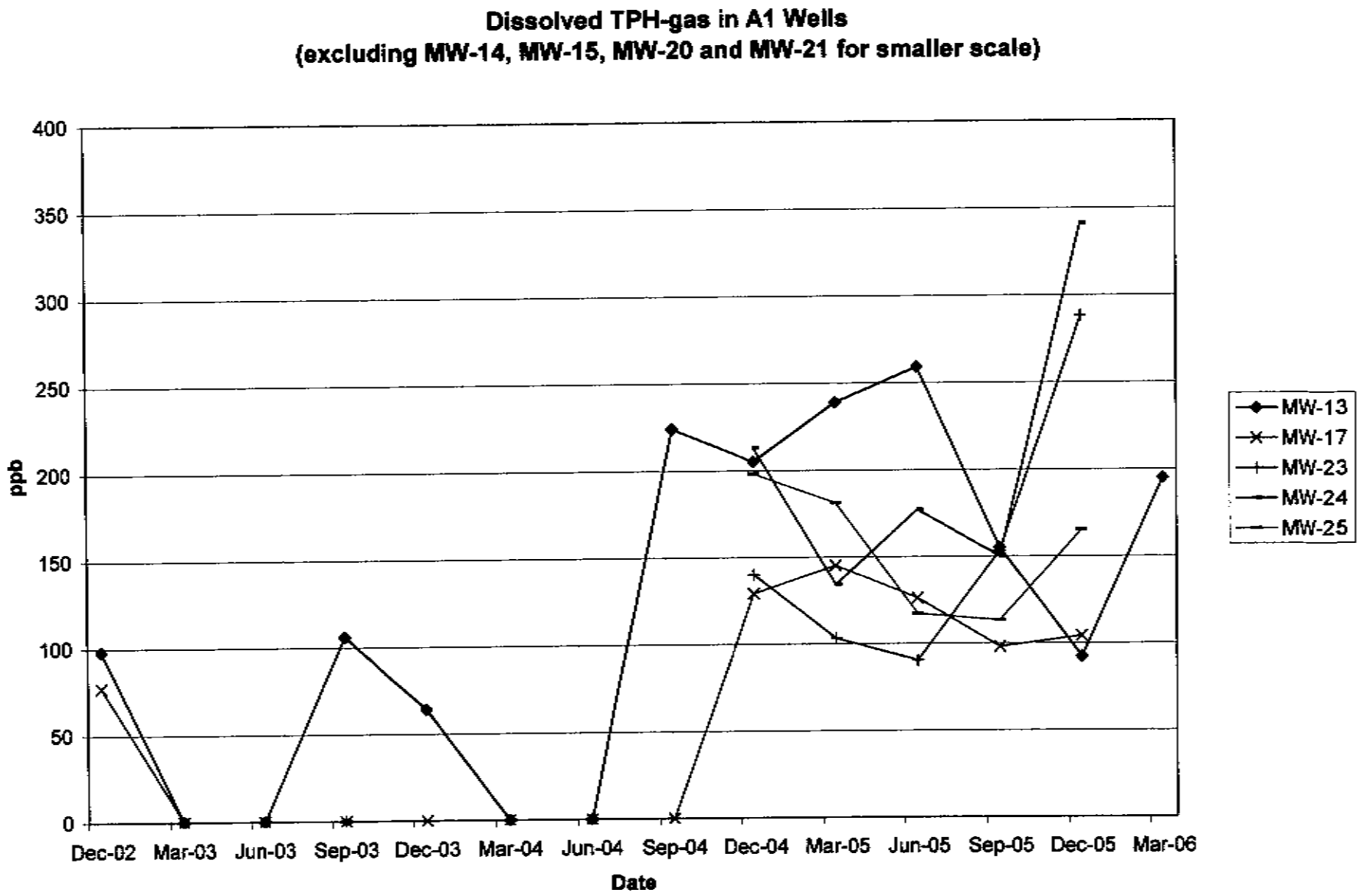
ANCHEM1756


Dissolved TPH-gas in 1st Water Wells
(excluding MW-10, MW-11, MW-18, MW-19 and MW-26 for smaller scale)
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-9
MW-12
MW-16
MW-22

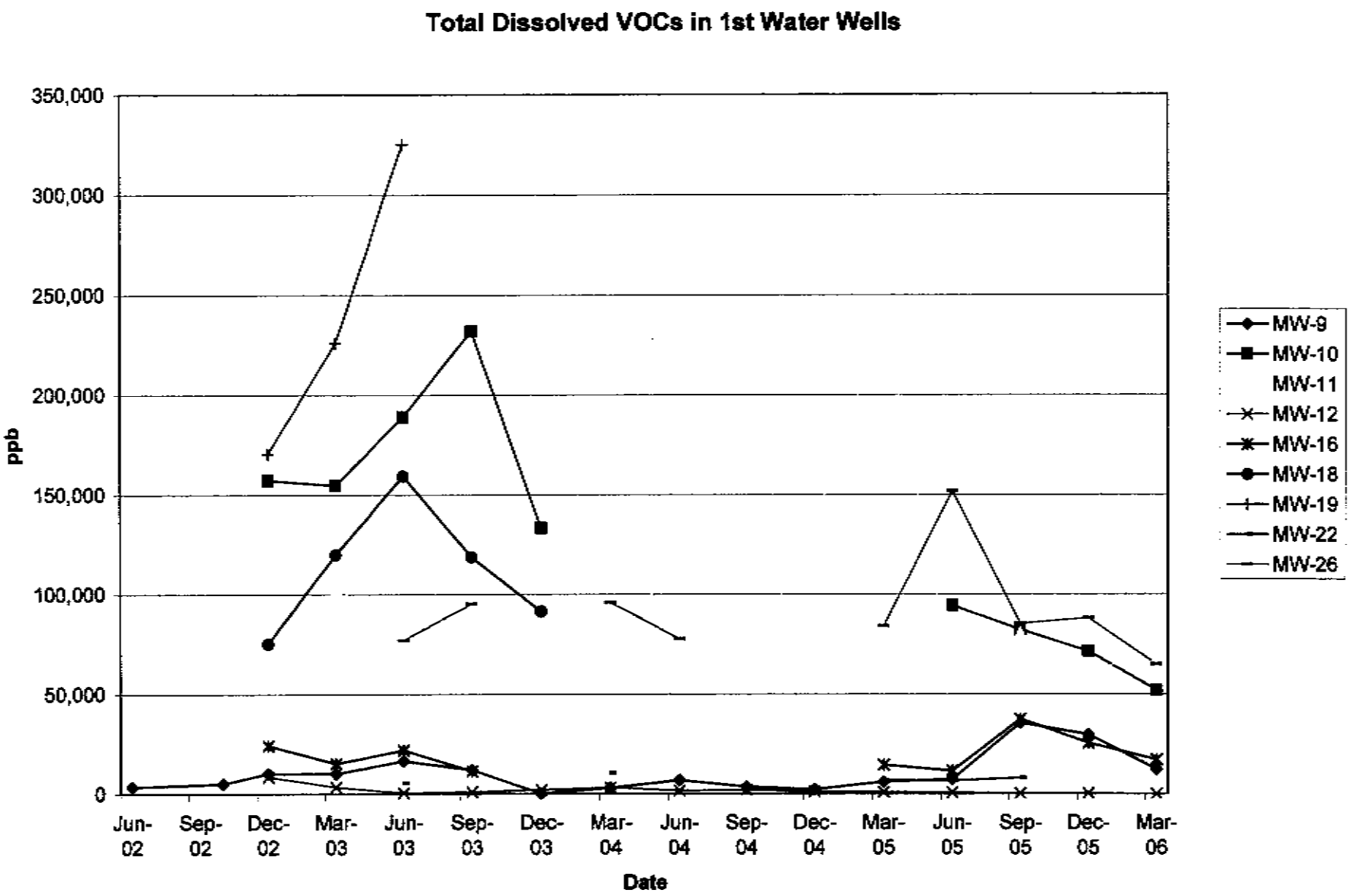
ANCHEM1757


Dissolved TPH-gas in A1 Wells
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

ANCHEM1758

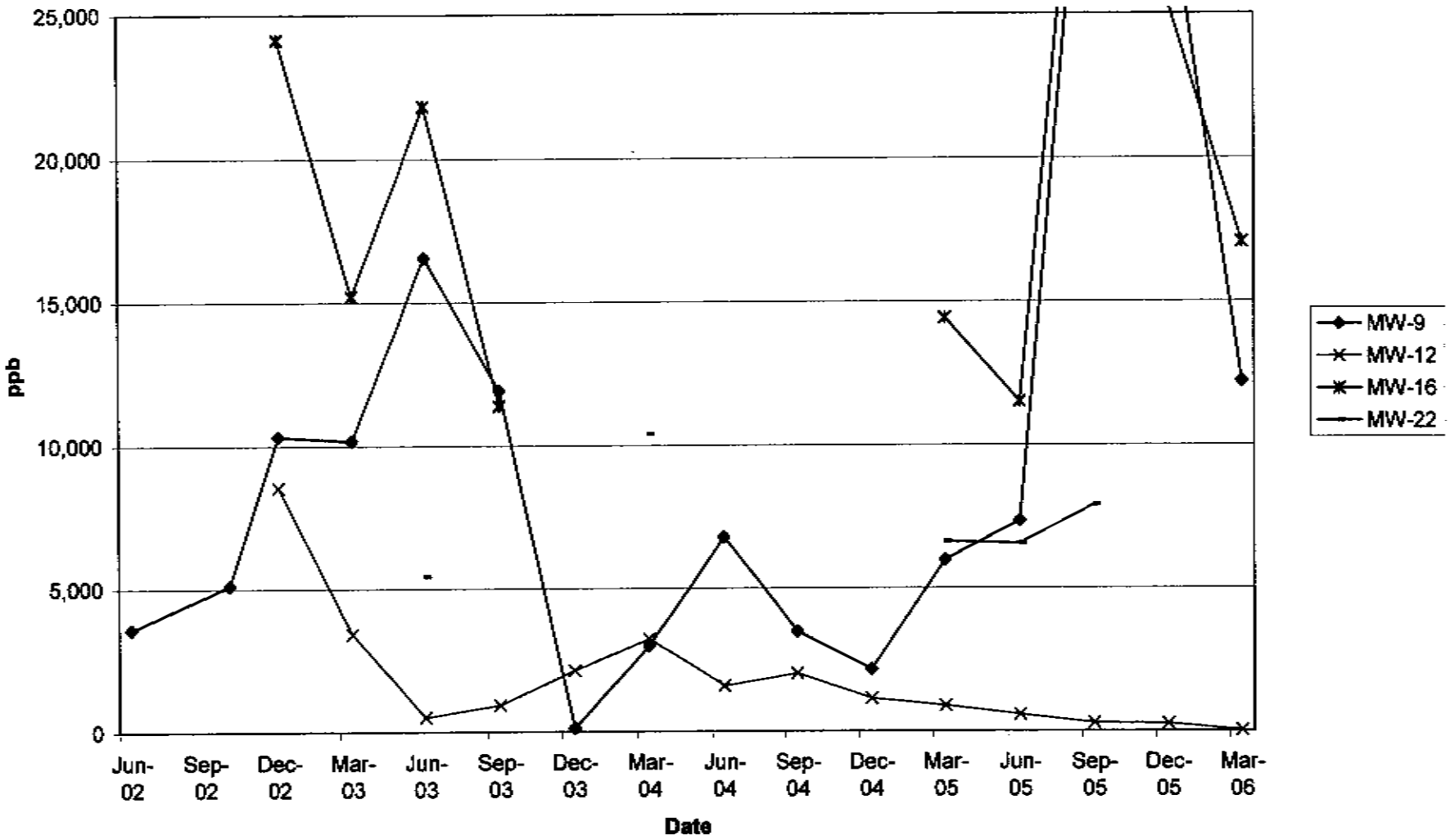

Dissolved TPH-gas in A1 Wells
(excluding MW-14, MW-15, MW-20 and MW-21 for smaller scale)
ppb
400
350
300
250
200
150
100
50
0
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-17
MW-23
MW-24
MW-25

ANCHEM1759

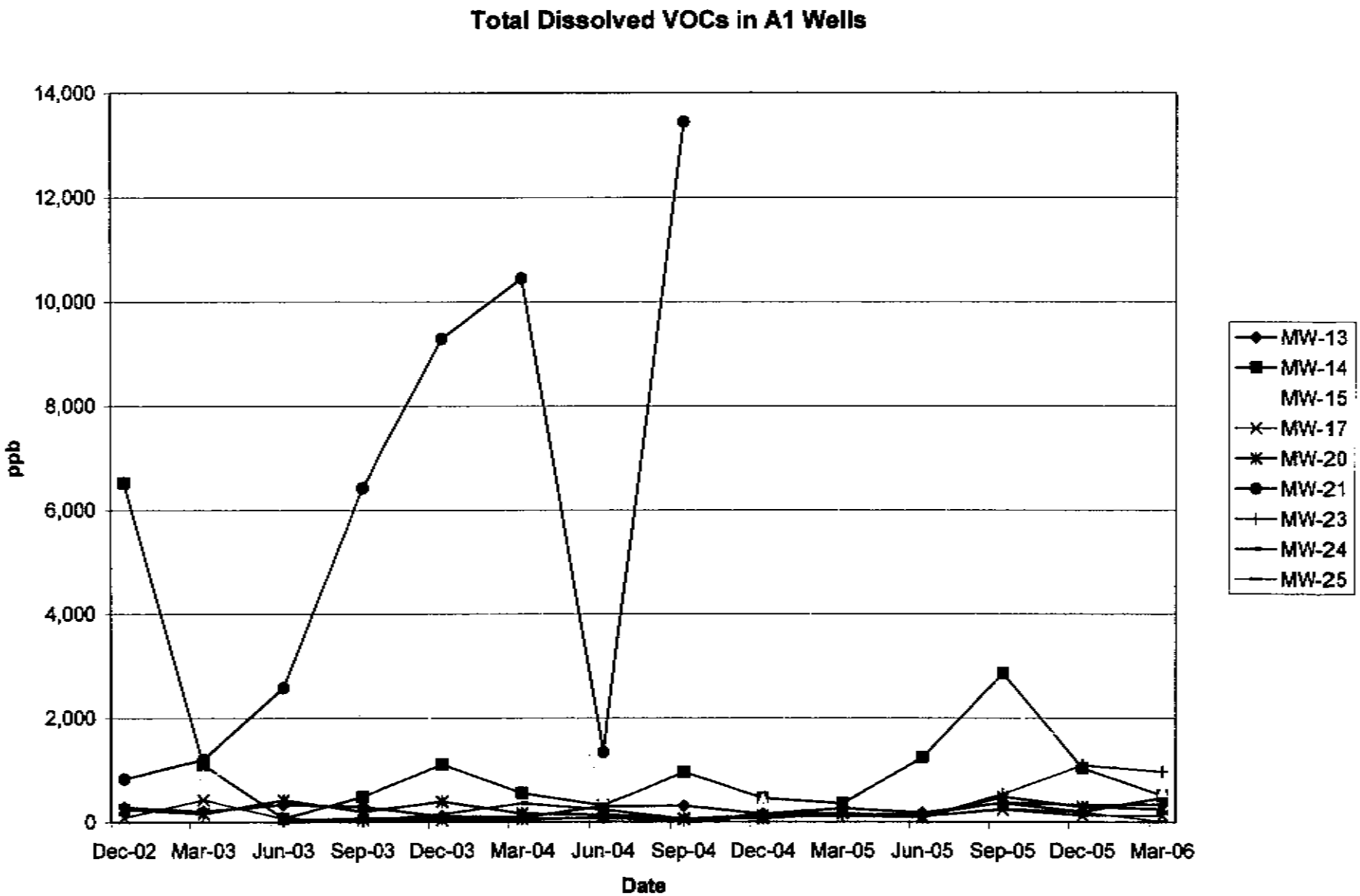

Total Dissolved VOCs in 1st Water Wells
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

ANCHEM1760

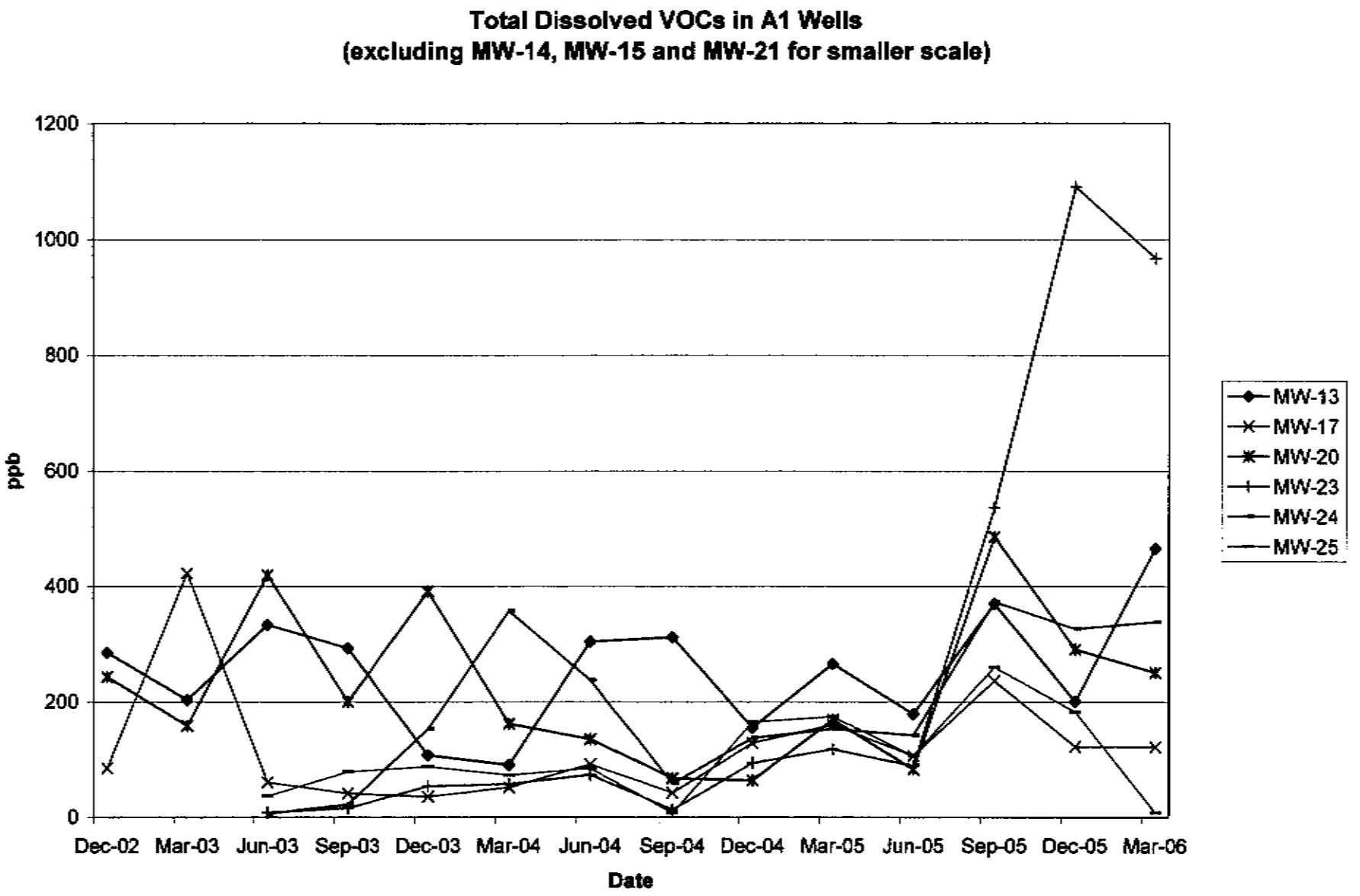
Total Dissolved VOCs in 1st Water Wells
(excluding MW-10, MW-11, MW-18, MW-19 and MW-26)



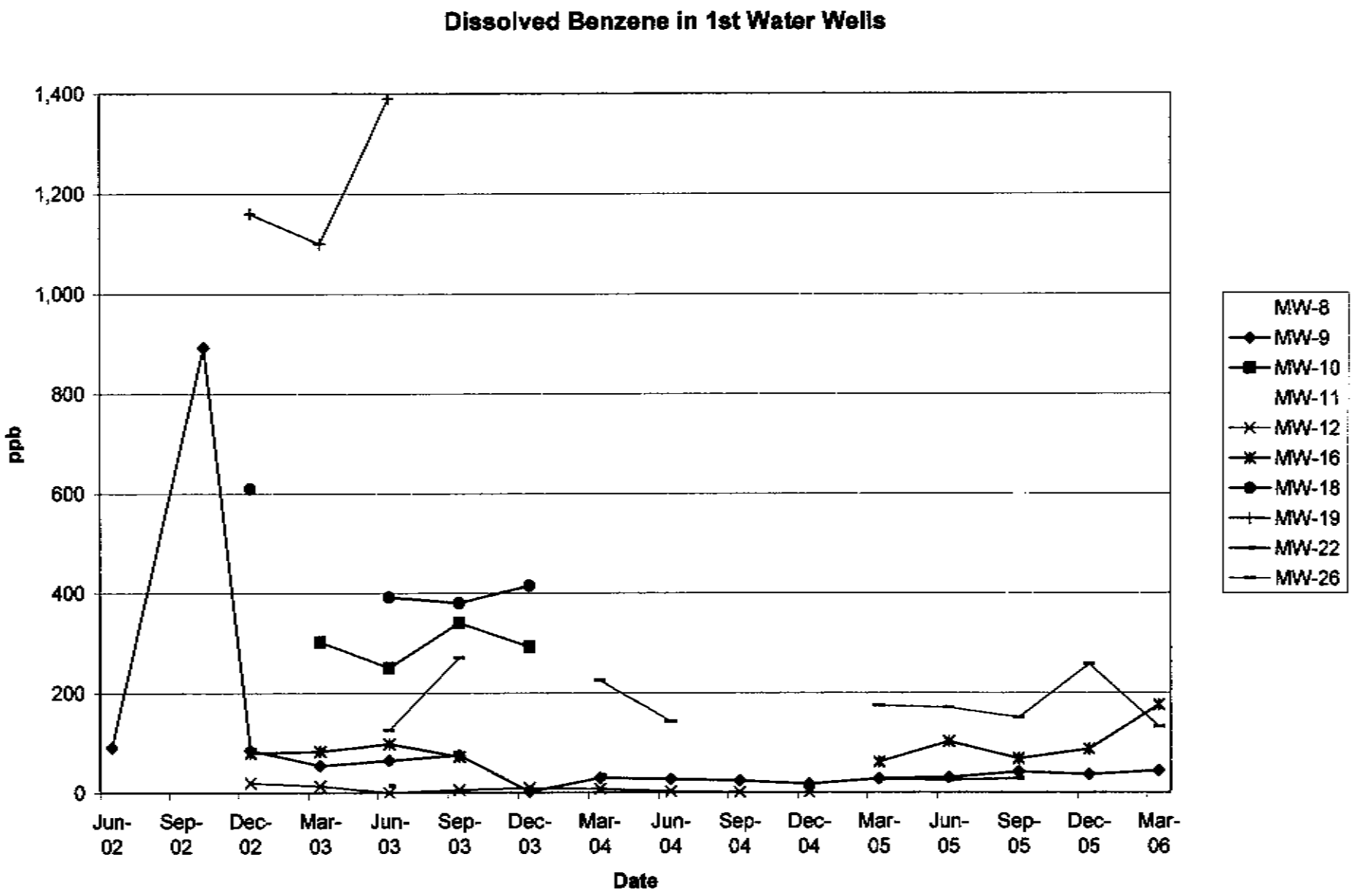
ANCHEM1761


Total Dissolved VOCs in A1 Wells
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

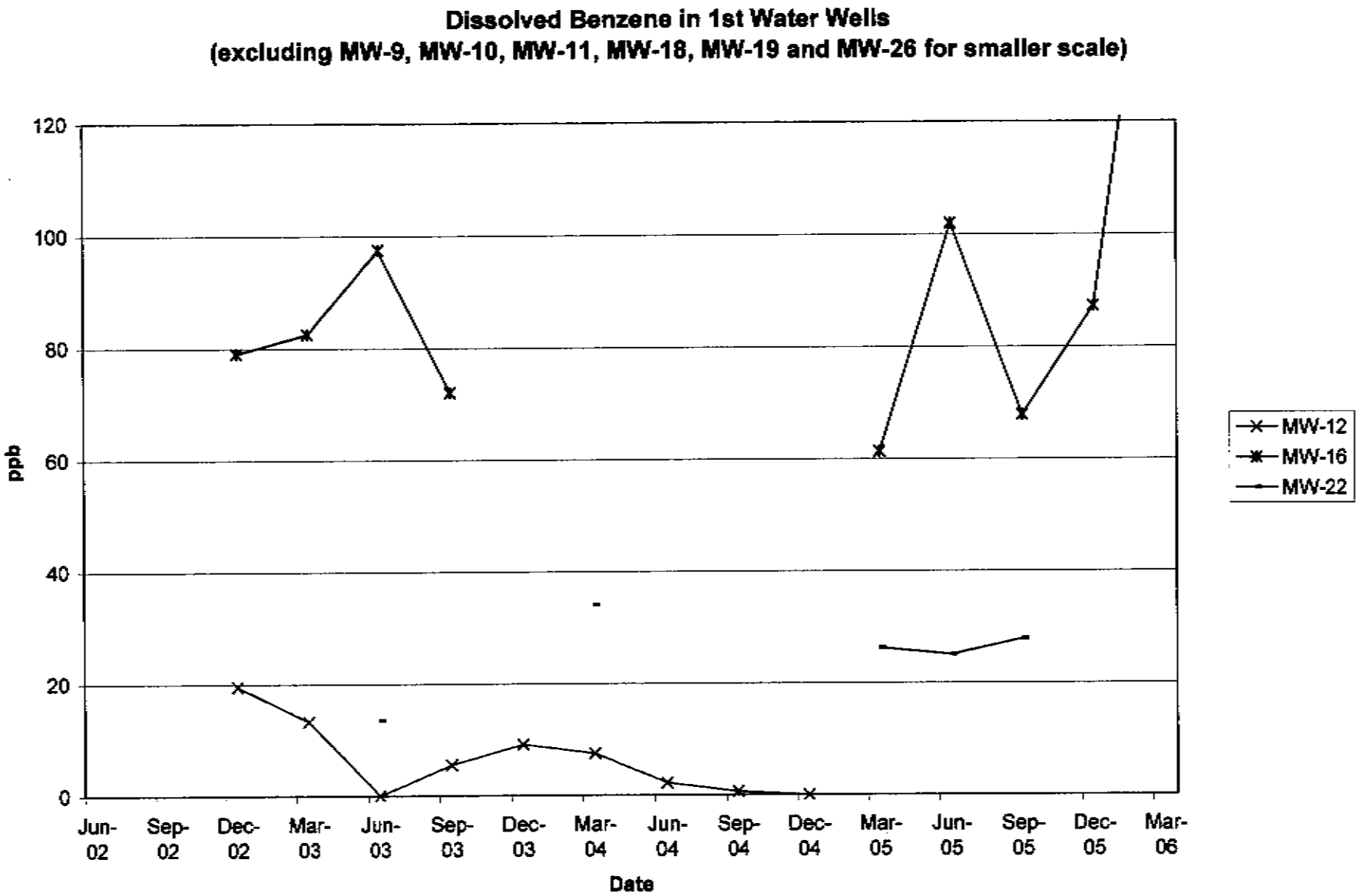
ANCHEM1762


Total Dissolved VOCs in A1 Wells
(excluding MW-14, MW-15 and MW-21 for smaller scale)
ppb
1200
1000
800
600
400
200
0
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-17
MW-20
MW-23
MW-24
MW-25

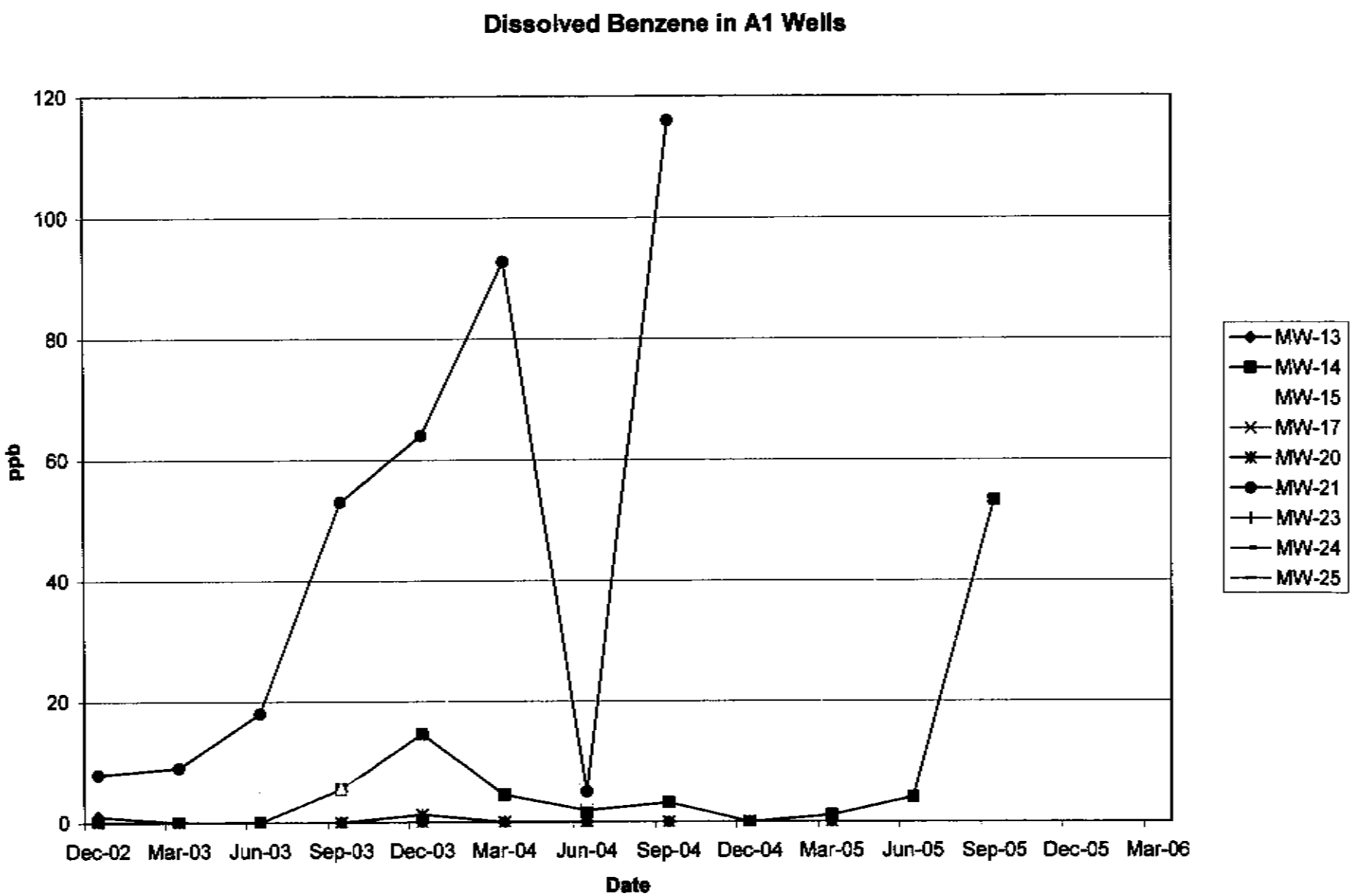
ANCHEM1763


Dissolved Benzene in 1st Water Wells
1,400
1,200
1,000
800
600
400
200
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

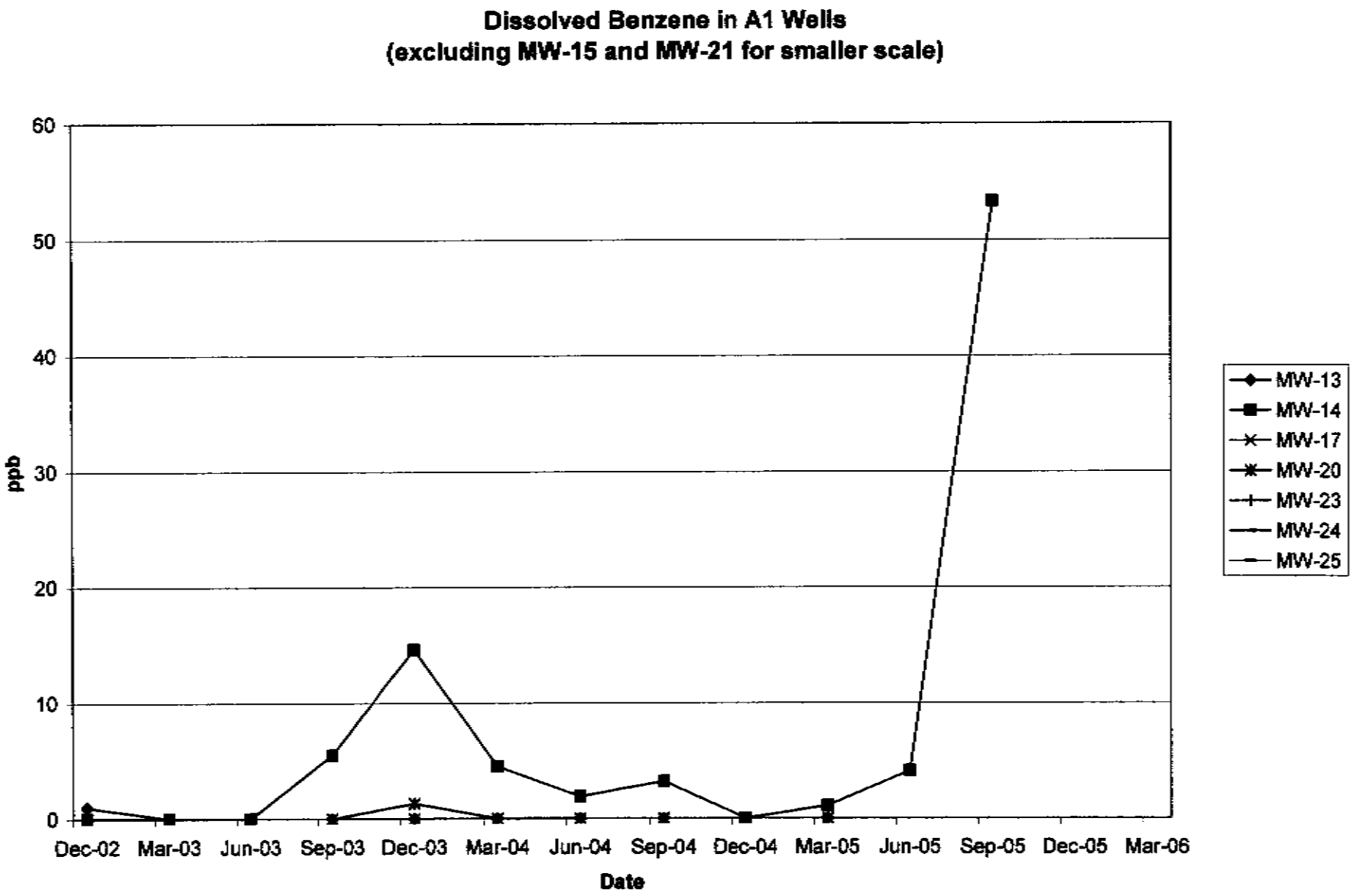
ANCHEM1764


Dissolved Benzene in 1st Water Wells
(excluding MW-9, MW-10, MW-11, MW-18, MW-19 and MW-26 for smaller scale)
ppb
120
100
80
60
40
20
0
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-12
MW-16
MW-22

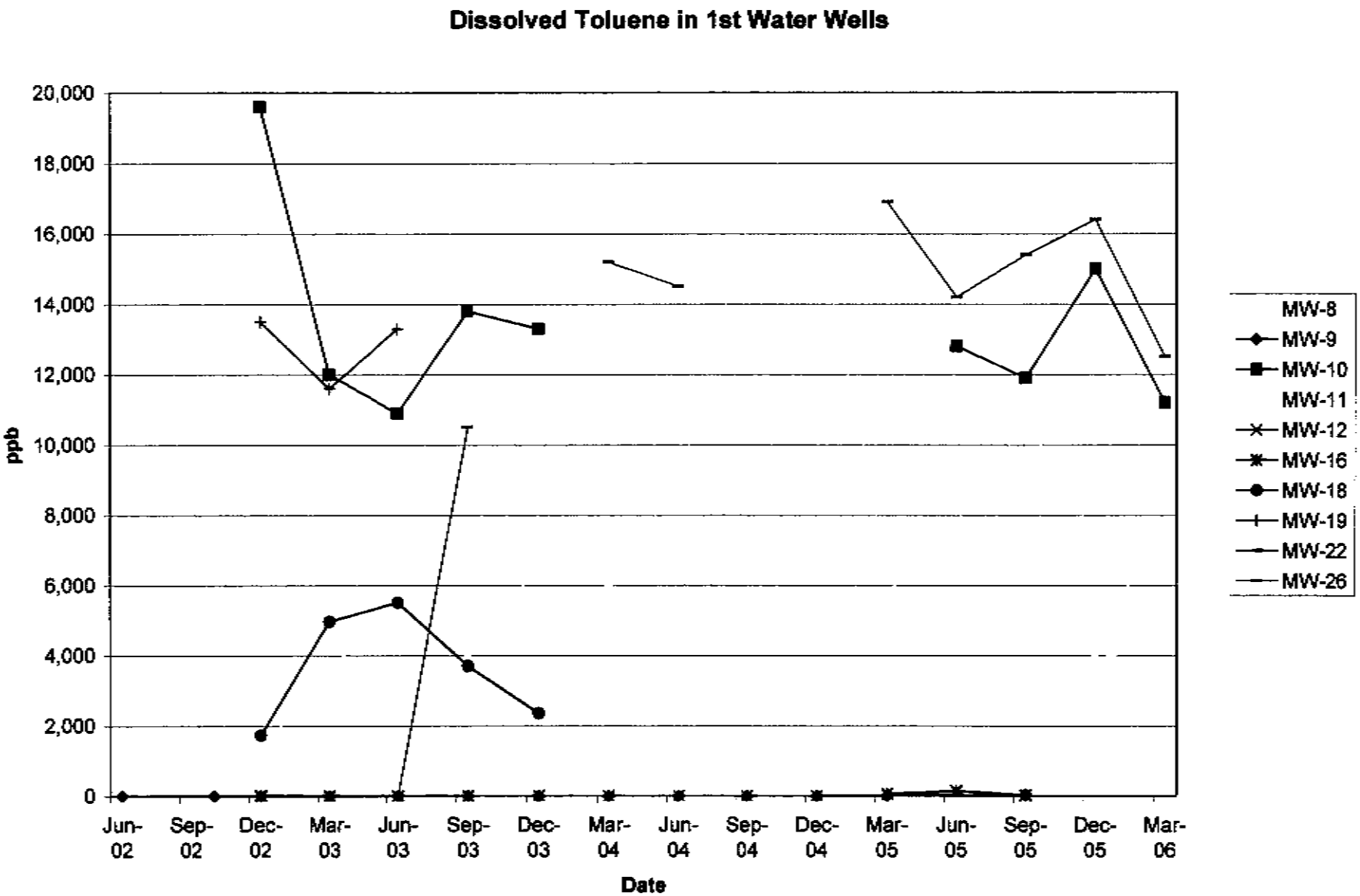
ANCHEM1765


Dissolved Benzene in A1 Wells
120
100
80
60
40
20
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

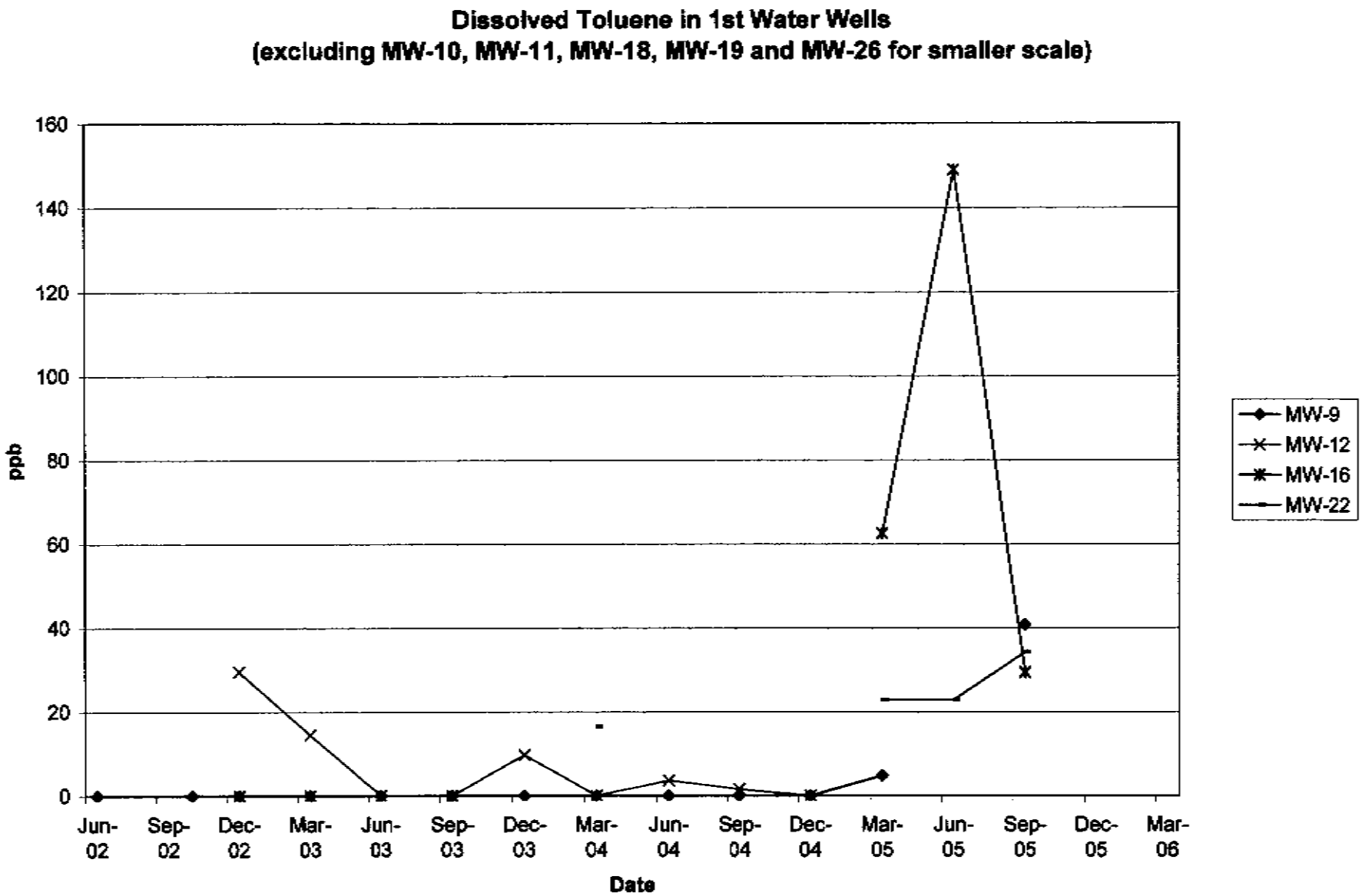
ANCHEM1766


Dissolved Benzene in A1 Wells
(excluding MW-15 and MW-21 for smaller scale)
ppb
60
50
40
30
20
10
0
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-17
MW-20
MW-23
MW-24
MW-25

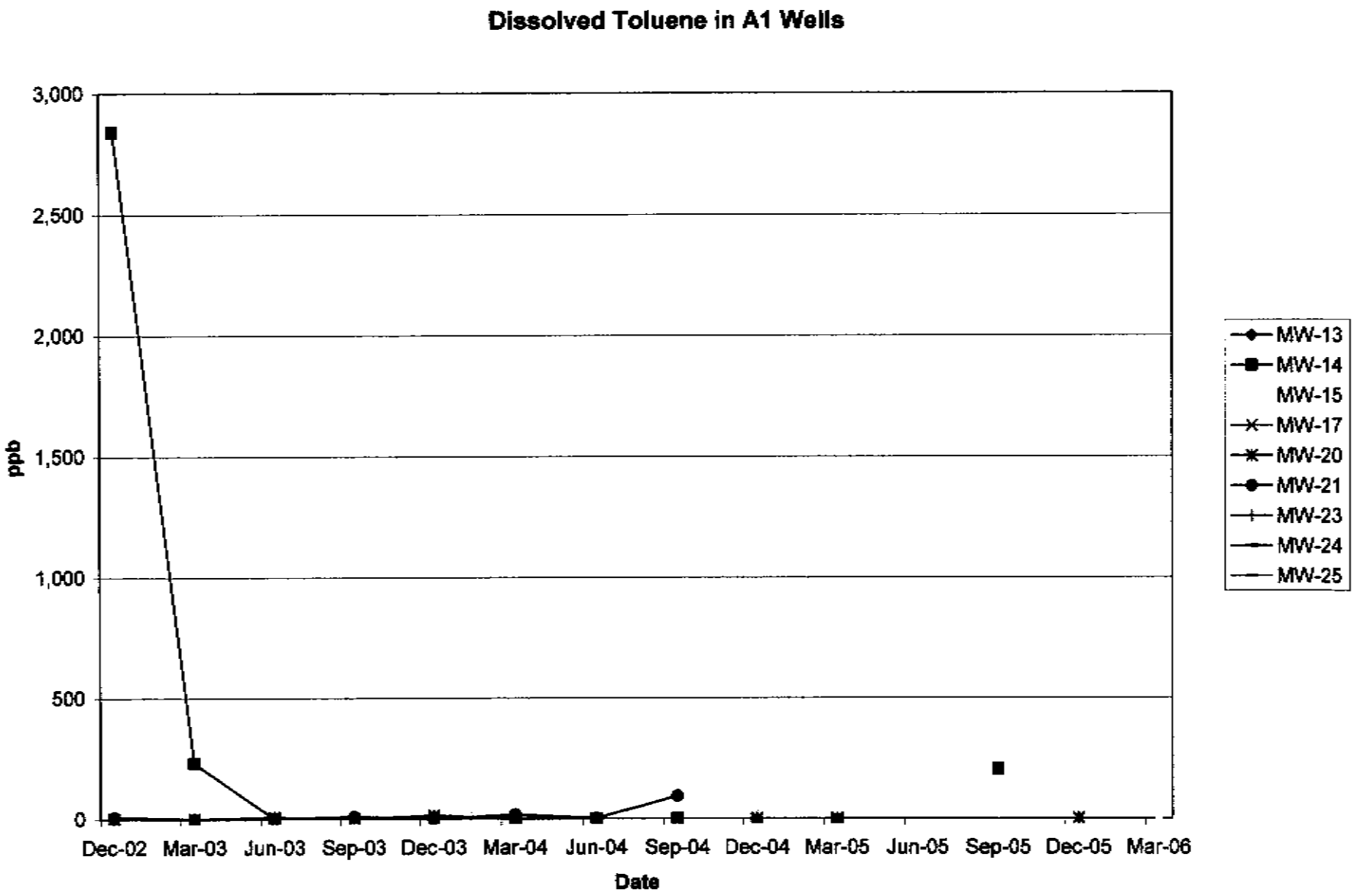
ANCHEM1767


Dissolved Toluene in 1st Water Wells
20,000
18,000
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

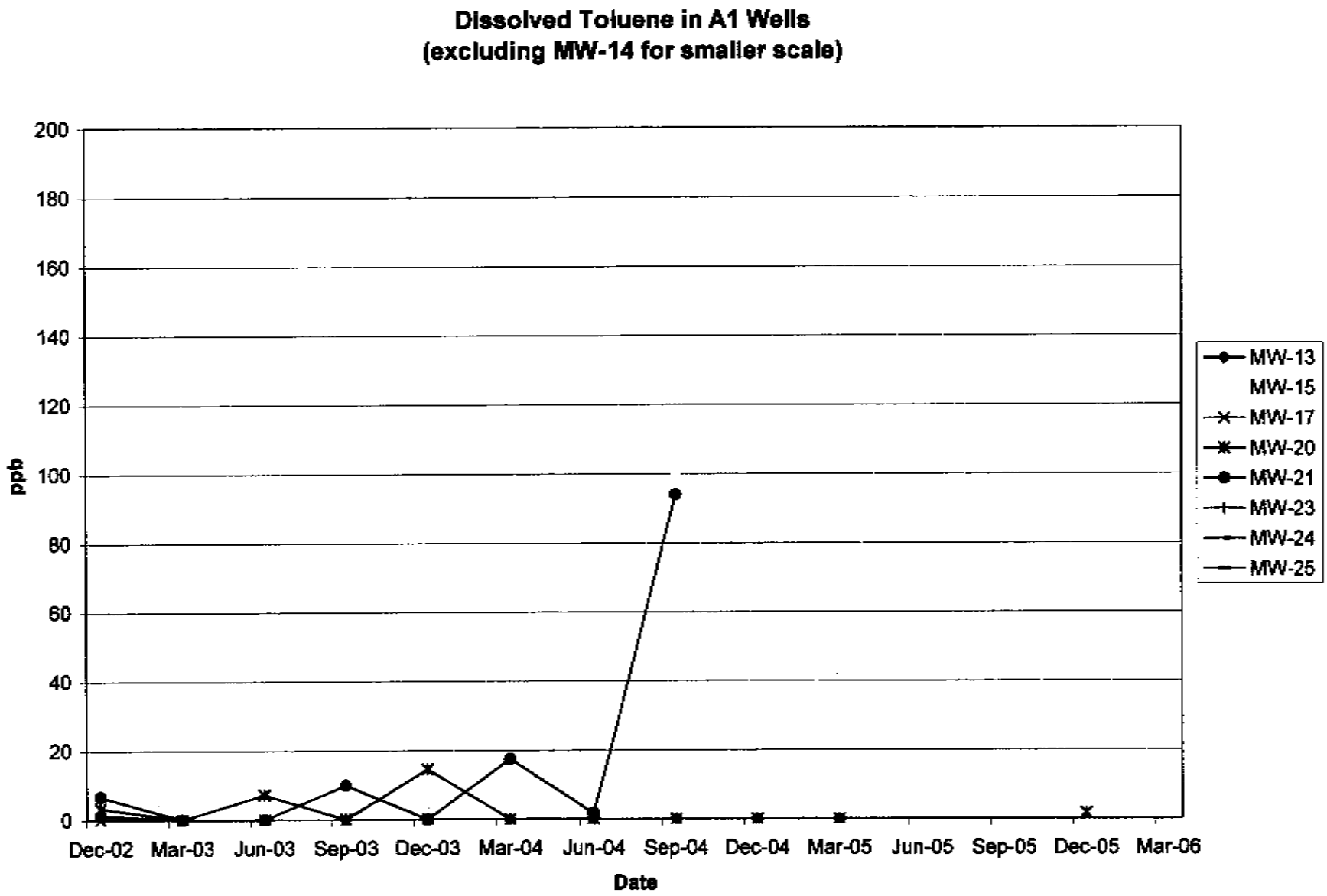
ANCHEM1768


Dissolved Toluene in 1st Water Wells
(excluding MW-10, MW-11, MW-18, MW-19 and MW-26 for smaller scale)
ppb
160
140
120
100
80
60
40
20
0
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-9
MW-12
MW-16
MW-22

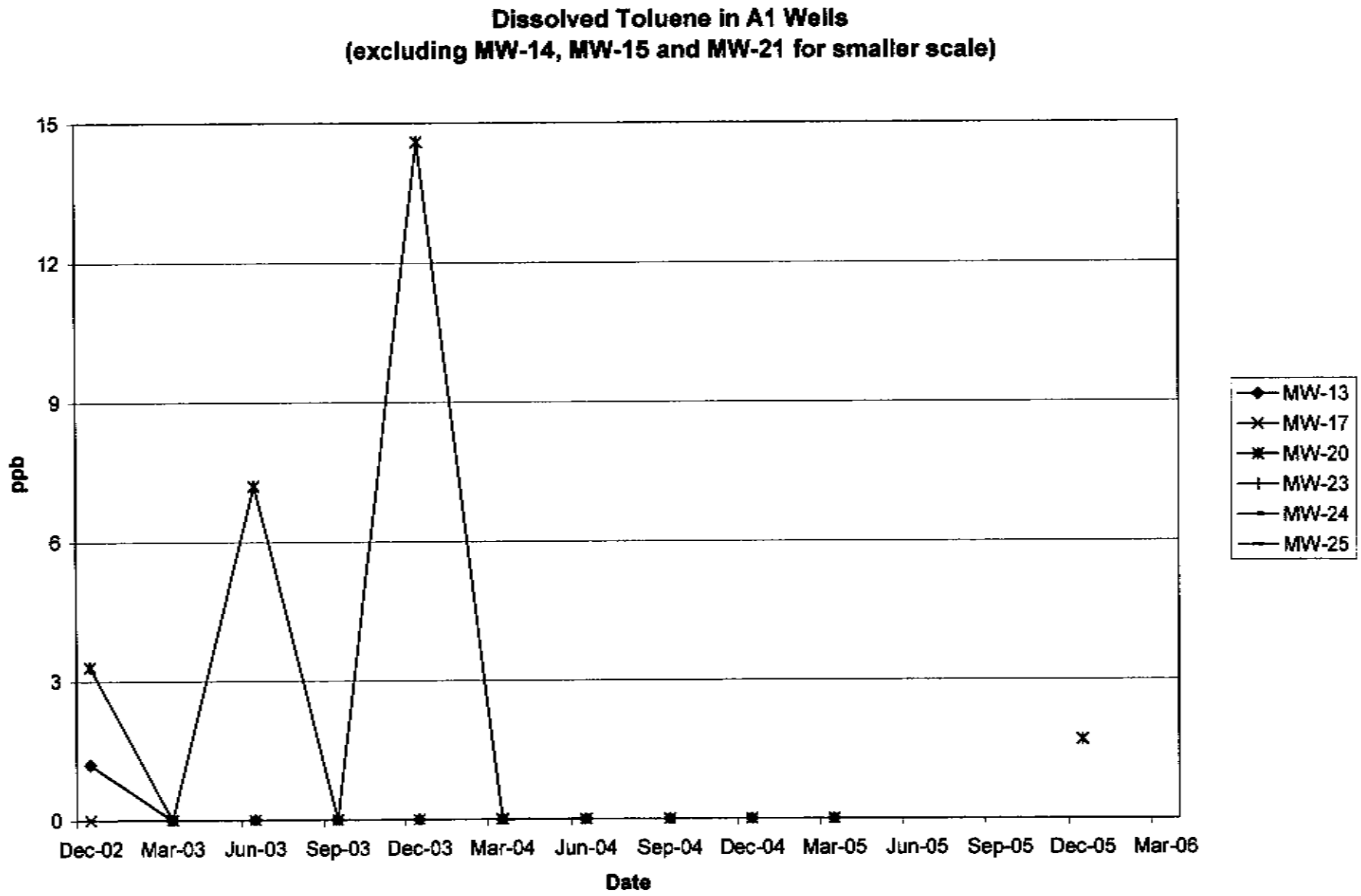
ANCHEM1769


Dissolved Toluene in A1 Wells
3,000
2,500
2,000
1,500
1,000
500
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

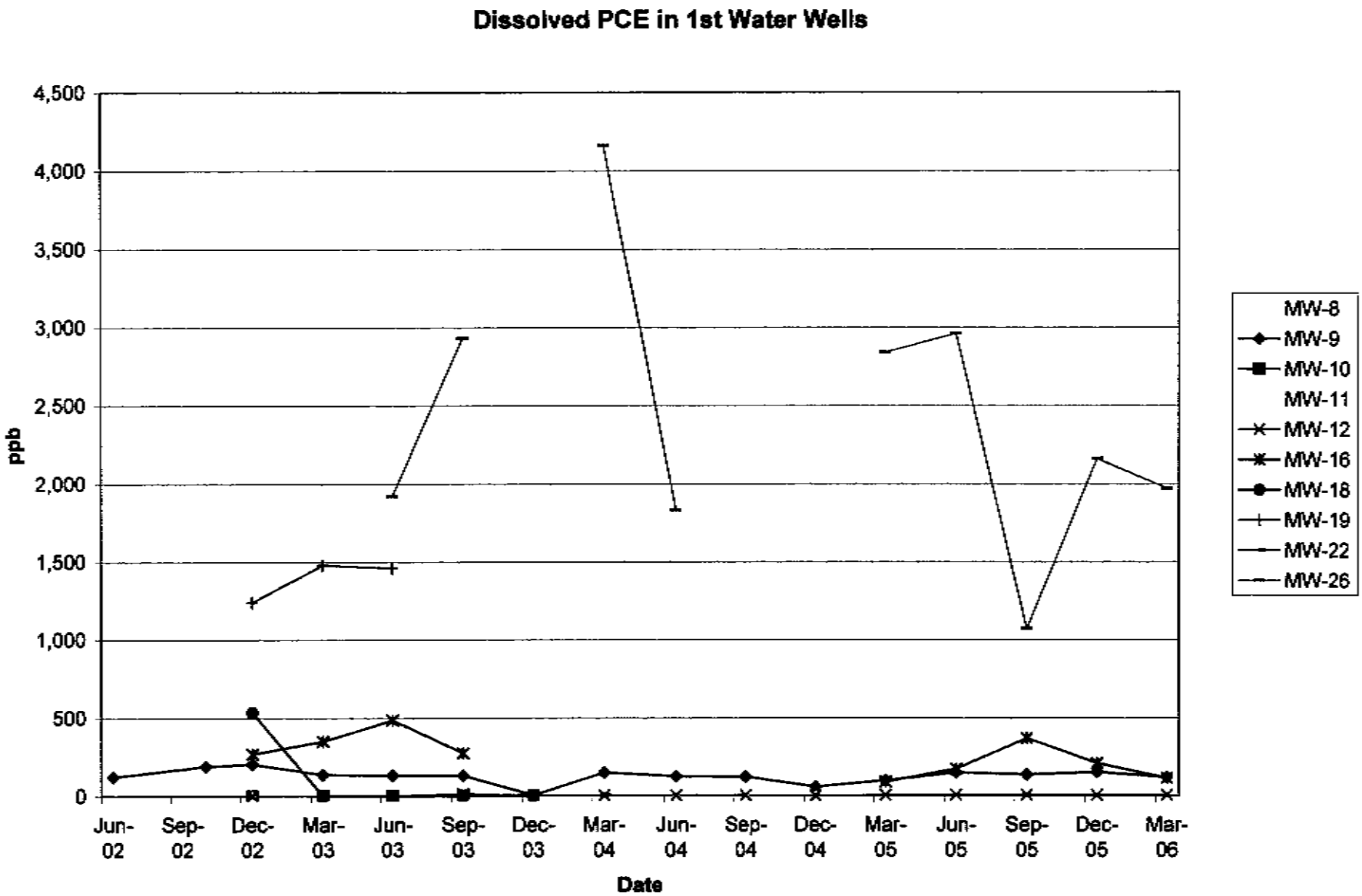
ANCHEM1770


Dissolved Toluene in A1 Wells
(excluding MW-14 for smaller scale)
ppb
200
180
160
140
120
100
80
60
40
20
0
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

ANCHEM1771

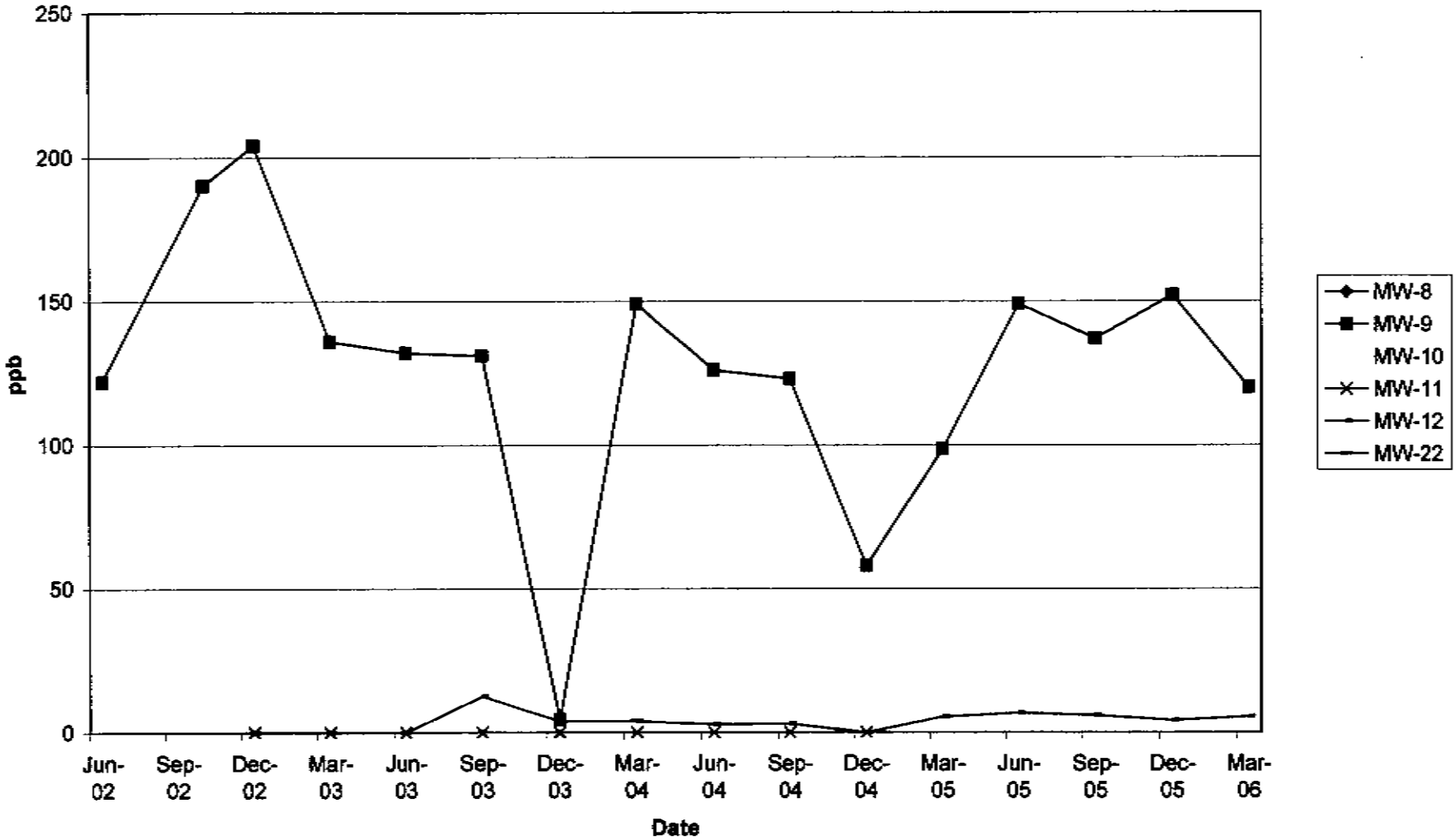

Dissolved Toluene in A1 Wells
(excluding MW-14, MW-15 and MW-21 for smaller scale)
15
12
9
6
3
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-17
MW-20
MW-23
MW-24
MW-25

ANCHEM1772

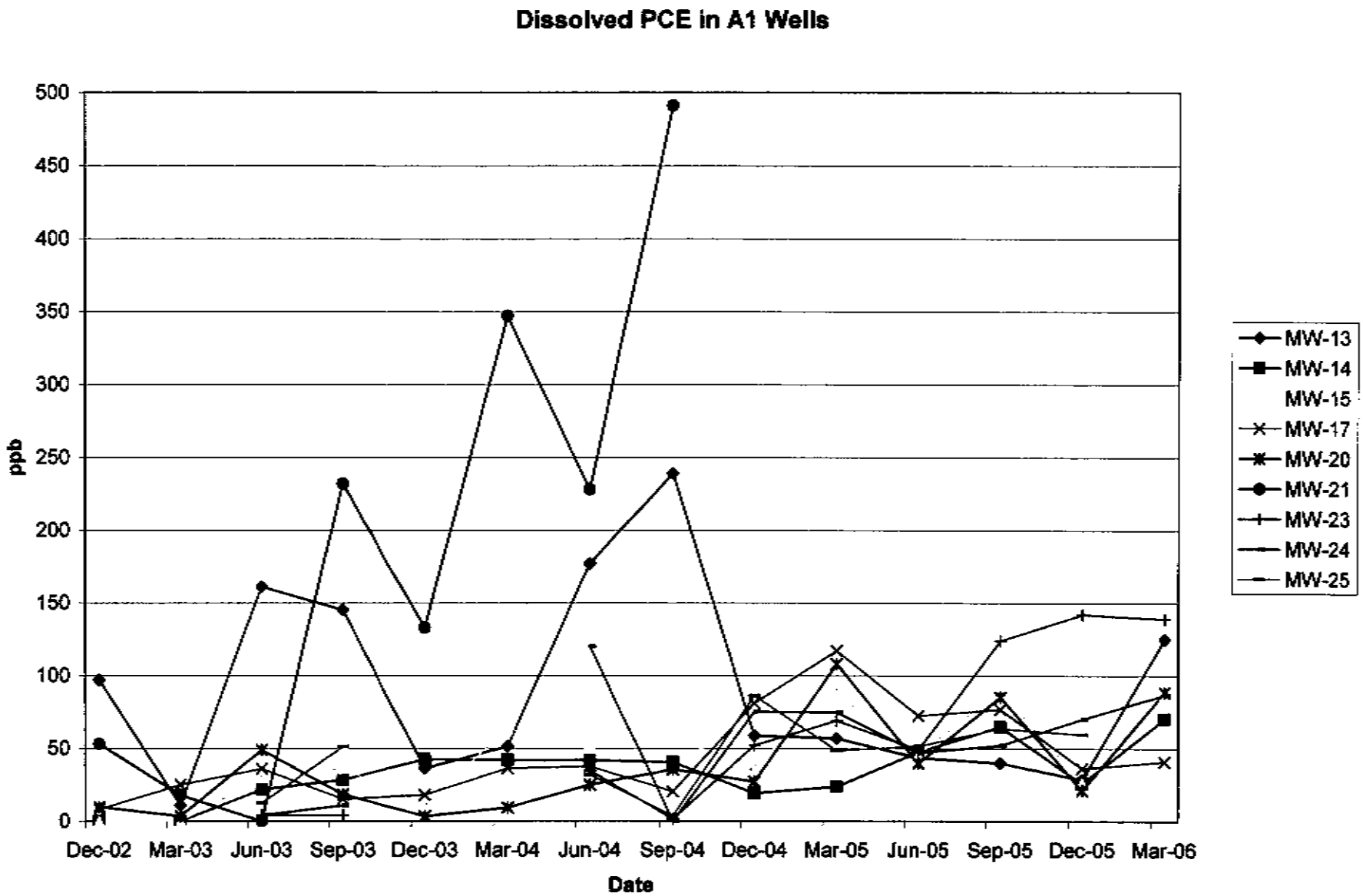

Dissolved PCE in 1st Water Wells
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

ANCHEM1773

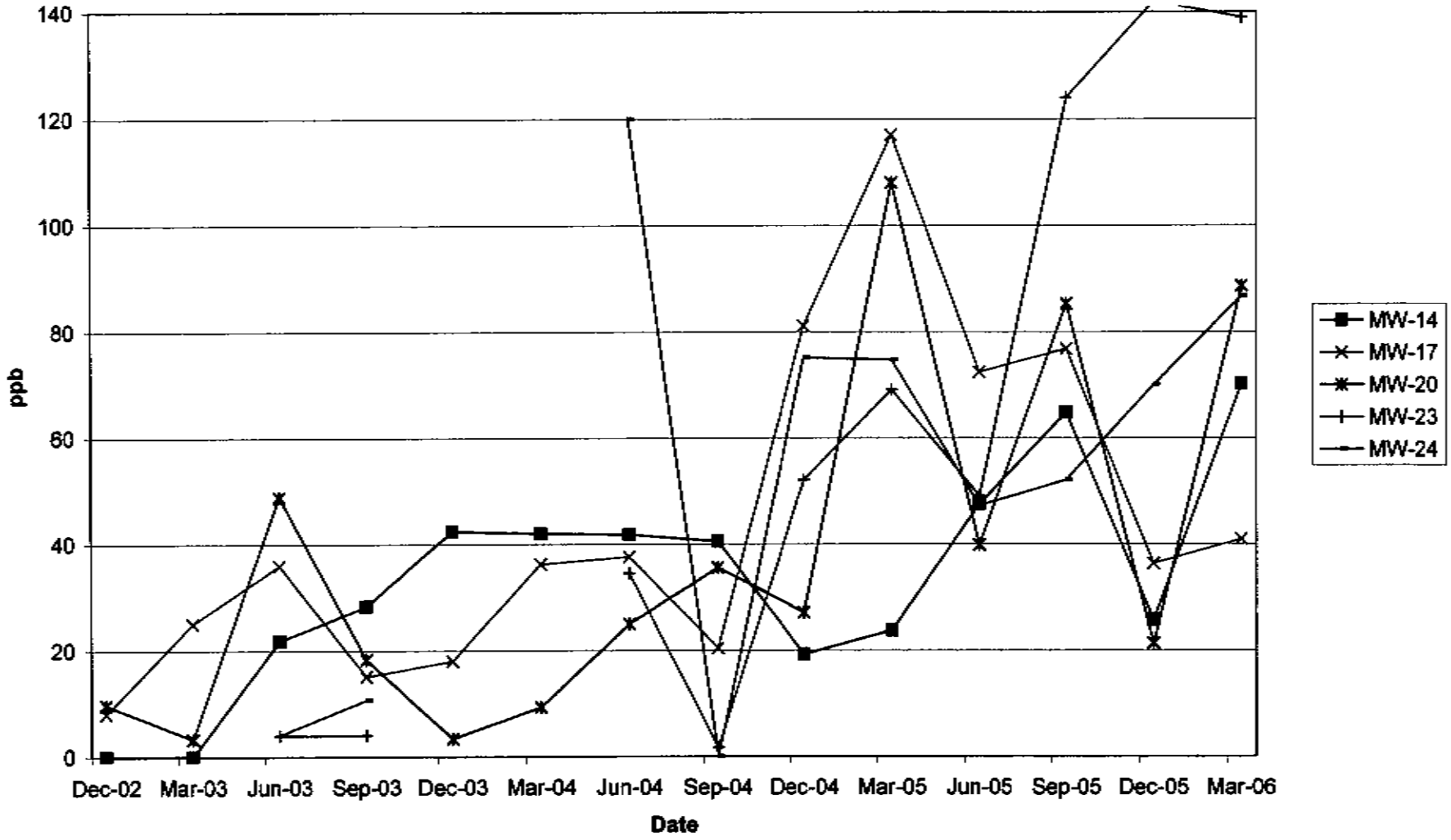
Dissolved PCE in 1st Water Wells
(excluding MW-16, MW-18, MW-19 and MW-26 for smaller scale)



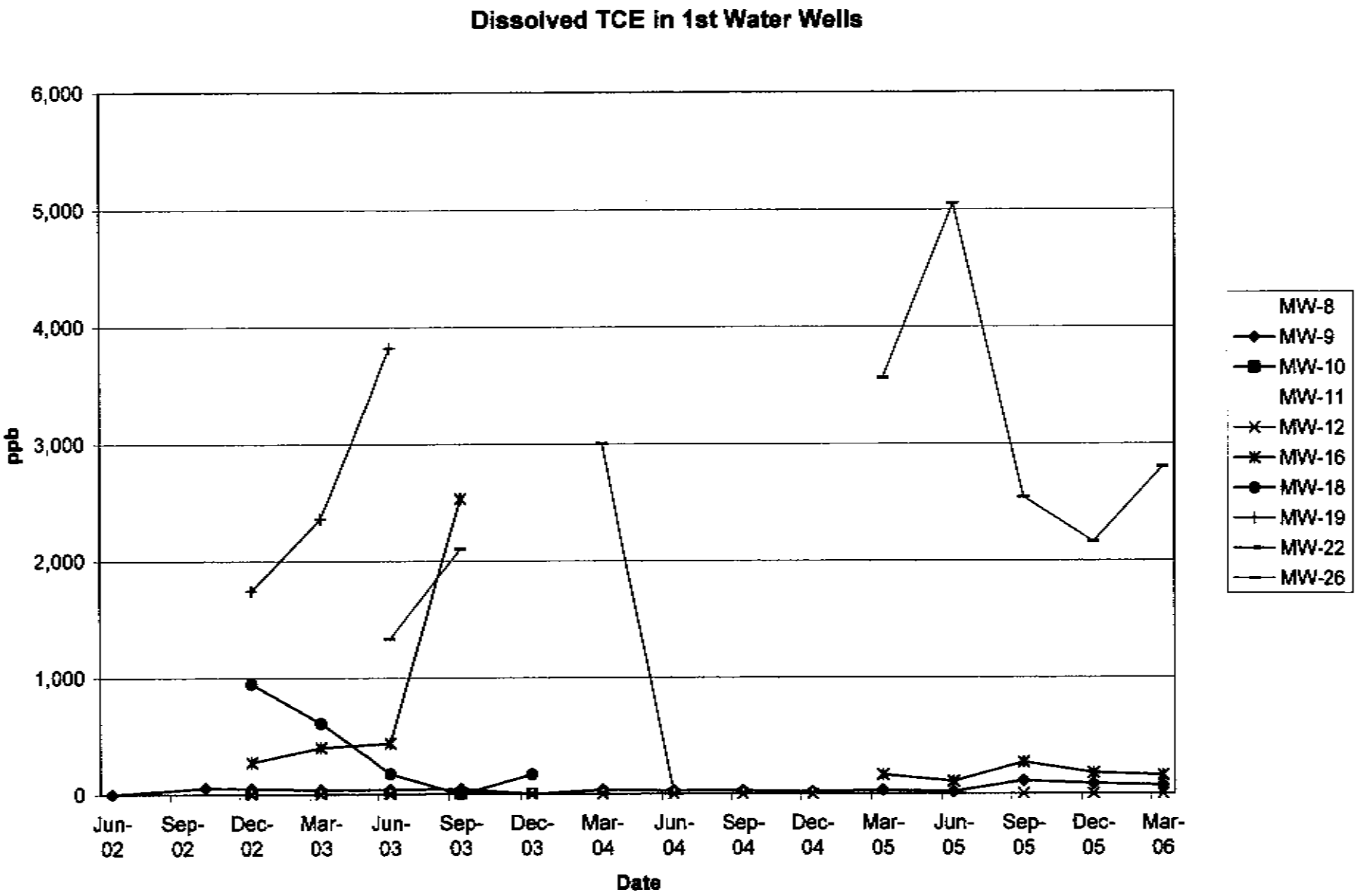
ANCHEM1774


Dissolved PCE in A1 Wells
500
450
400
350
300
250
200
150
100
50
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

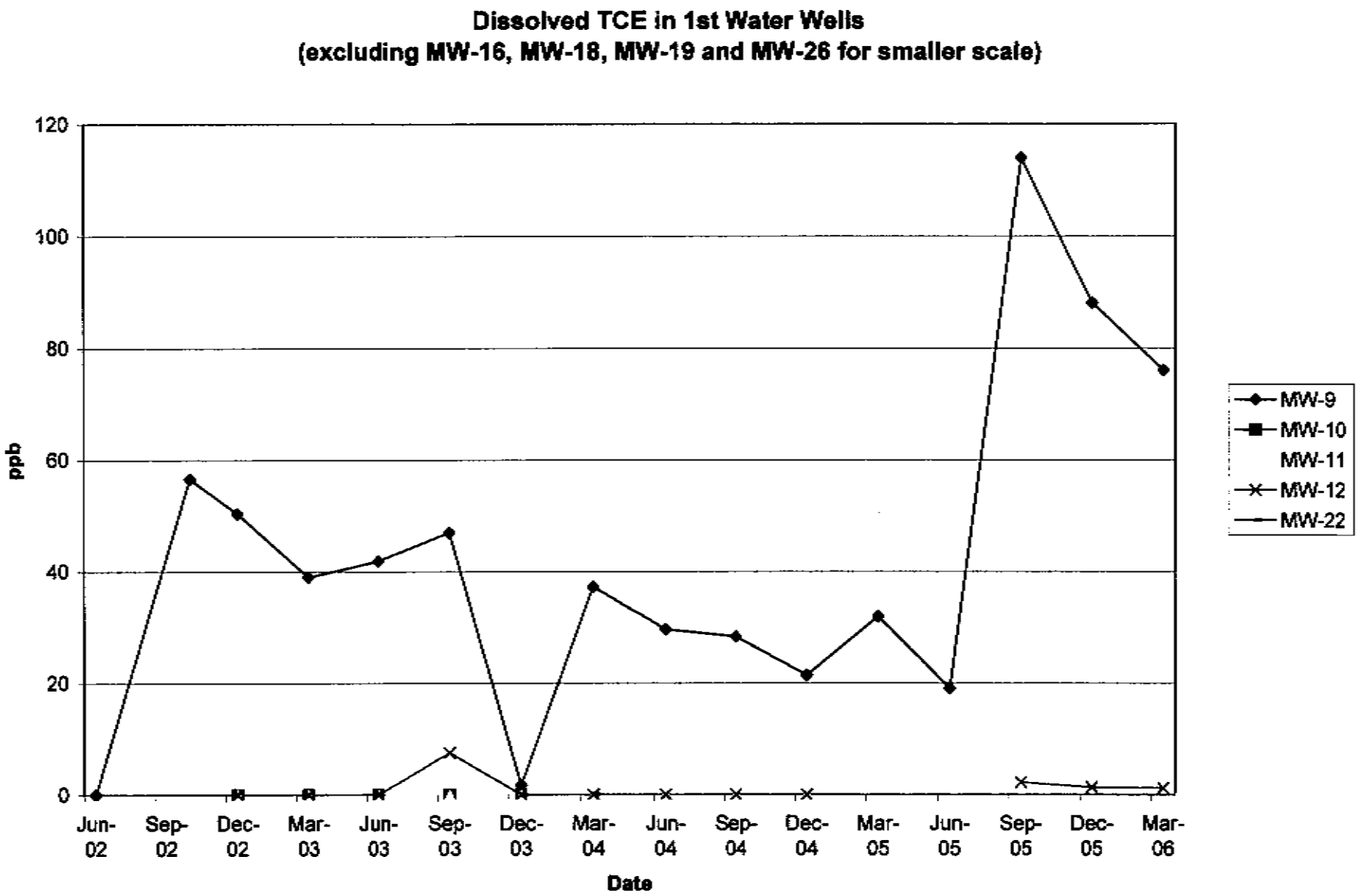
Dissolved PCE in A1 Wells
(excluding MW-13, MW-15, MW-21 and MW-25 for smaller scale)



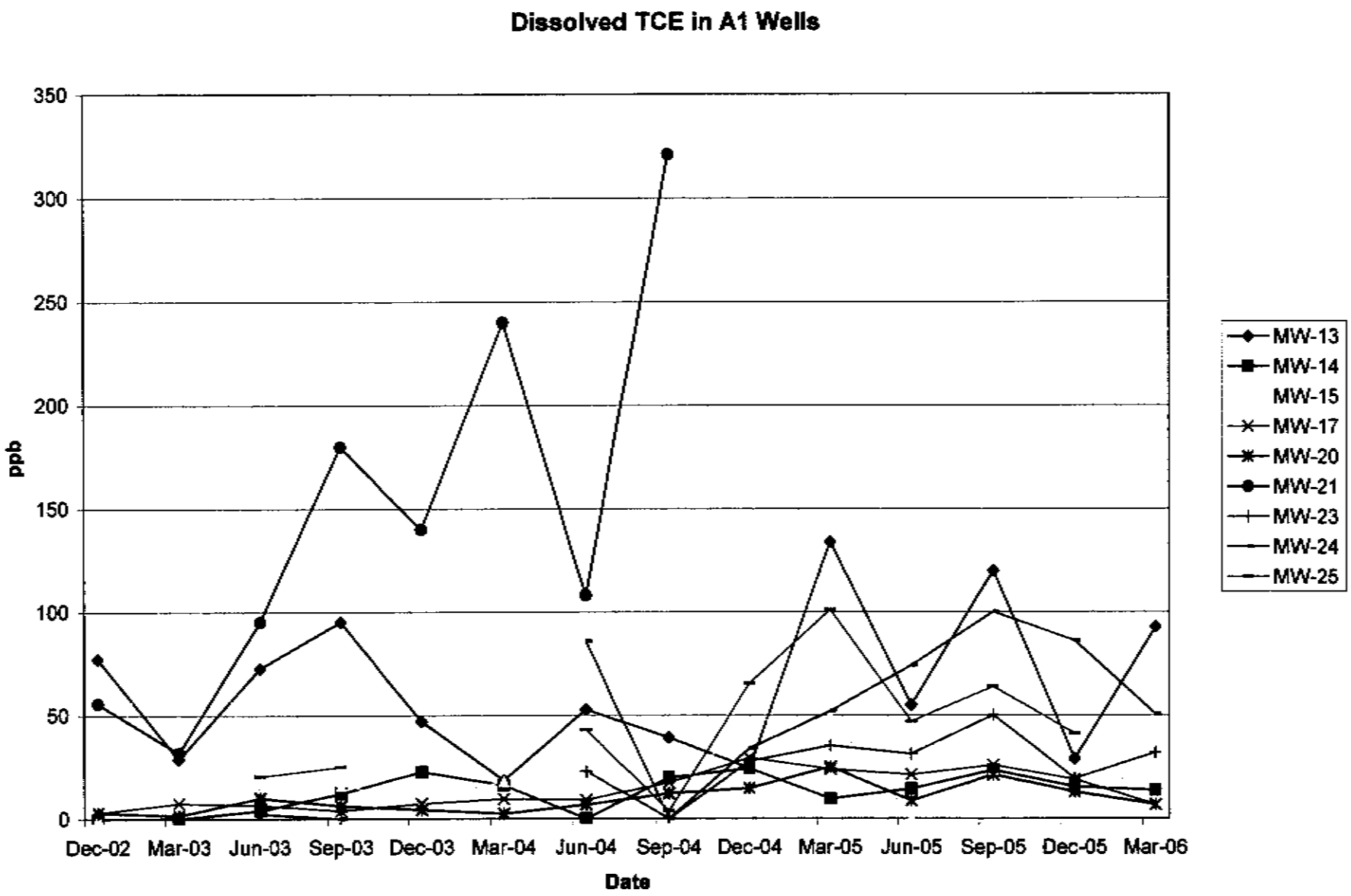
ANCHEM1776


Dissolved TCE in 1st Water Wells
6,000
5,000
4,000
3,000
2,000
1,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

ANCHEM1777

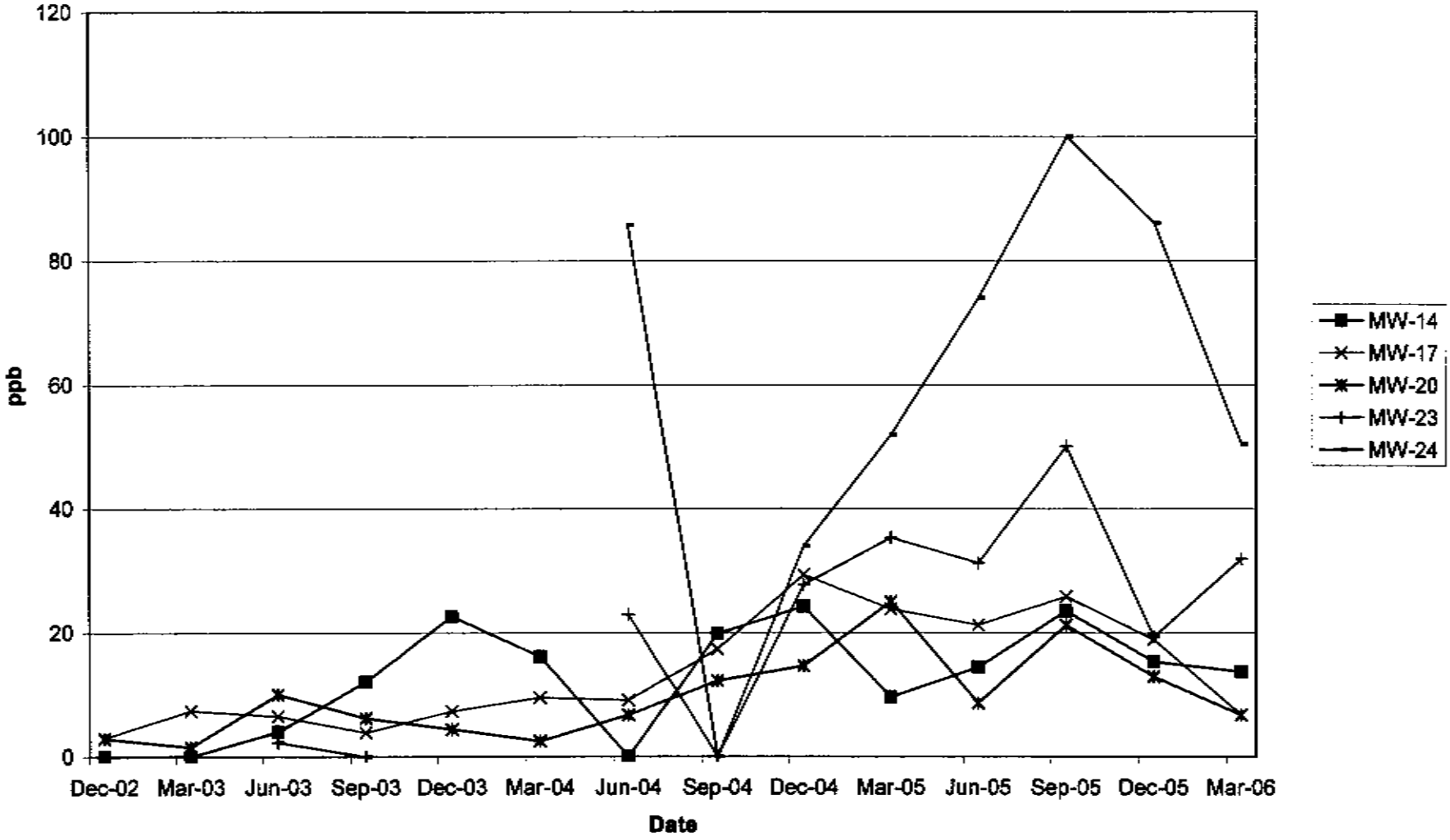

Dissolved TCE in 1st Water Wells
(excluding MW-16, MW-18, MW-19 and MW-26 for smaller scale)
120
100
80
60
40
20
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-9
MW-10
MW-11
MW-12
MW-22

ANCHEM1778

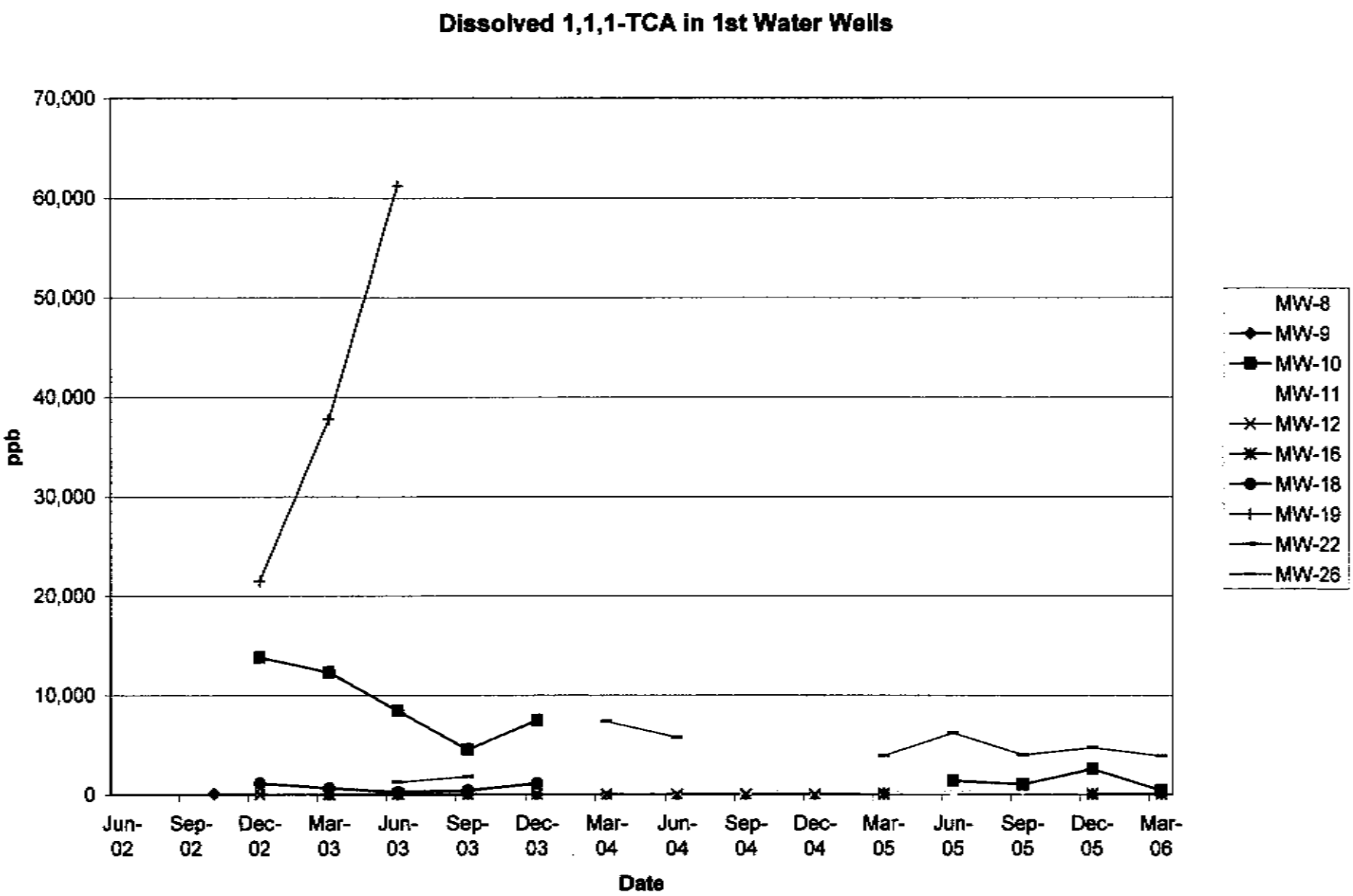

Dissolved TCE in A1 Wells
350
300
250
200
150
100
50
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

ANCHEM1779

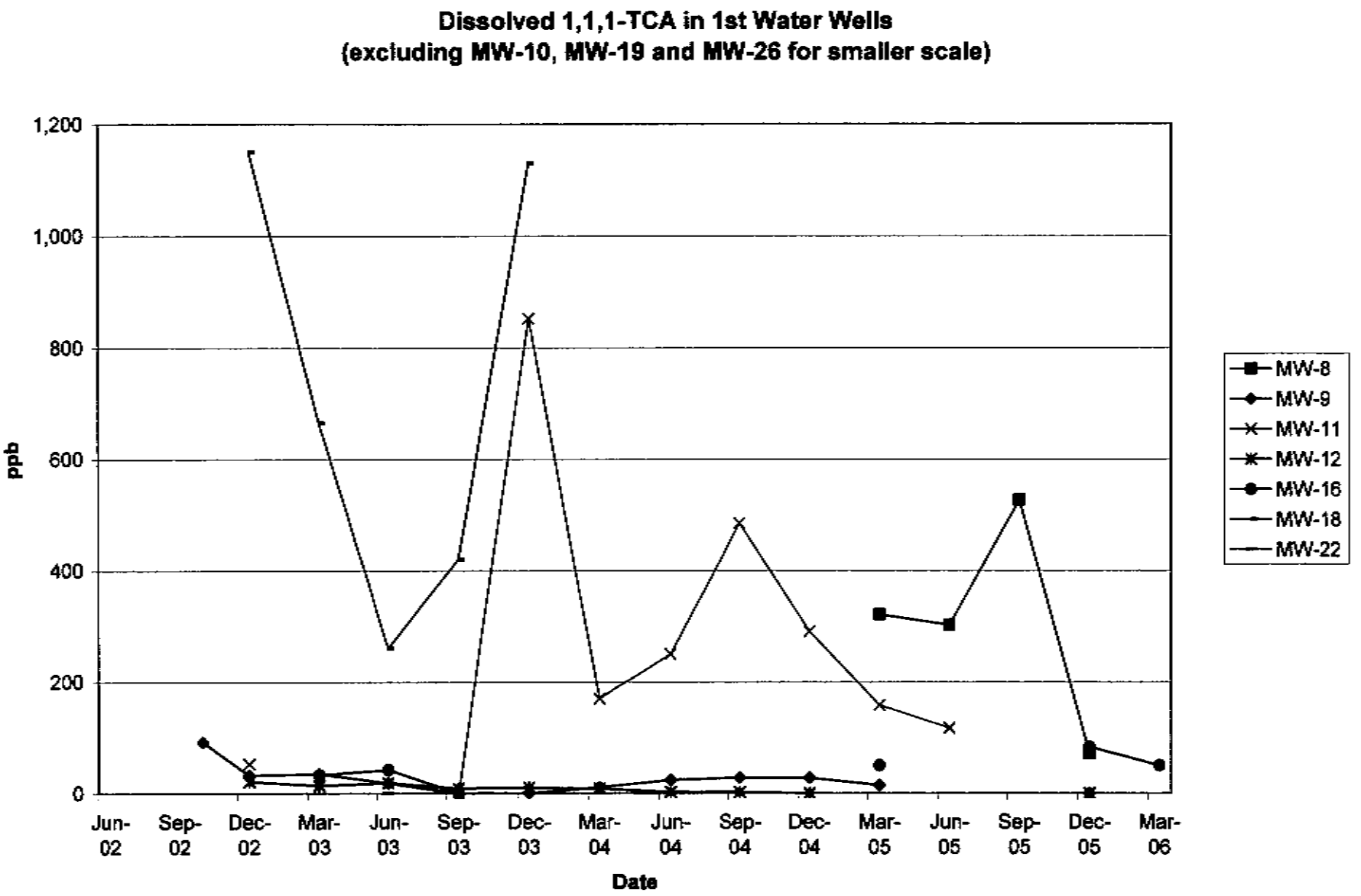
Dissolved TCE in A1 Wells
(excluding MW-13, MW-15, MW-21 and MW-25 for smaller scale)



ANCHEM1780

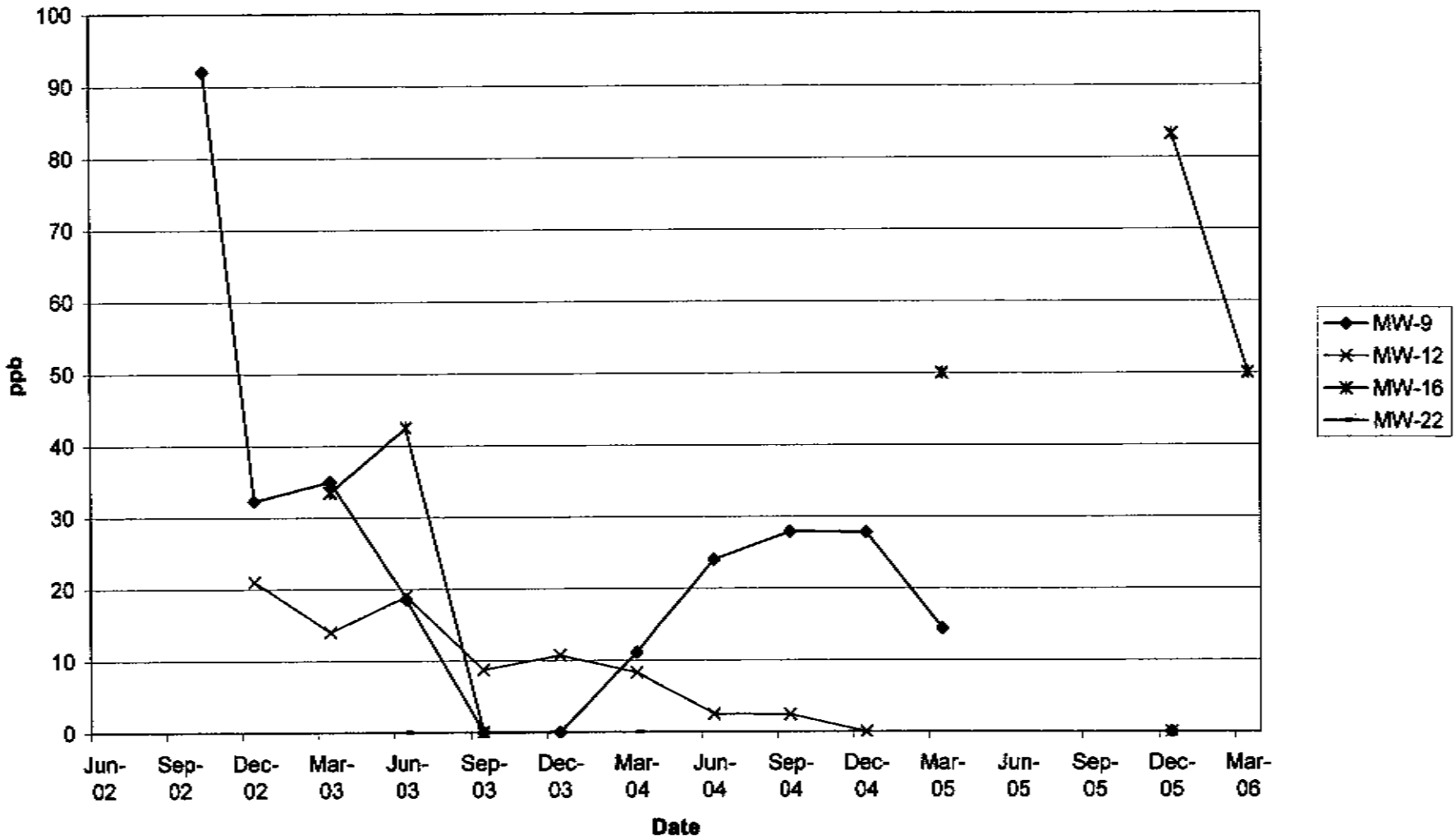

Dissolved 1,1,1-TCA in 1st Water Wells
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

ANCHEM1781

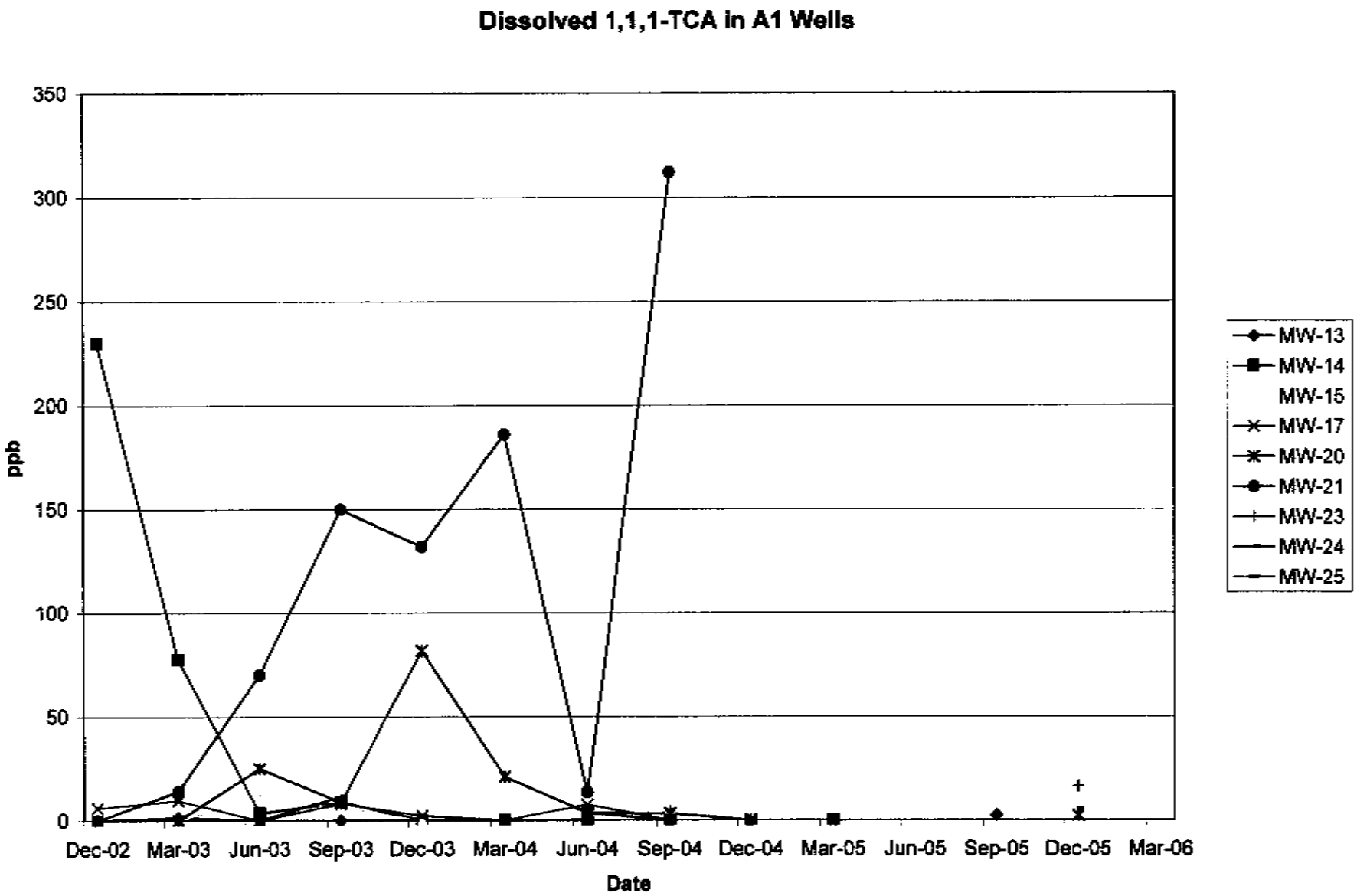

Dissolved 1,1,1-TCA in 1st Water Wells
(excluding MW-10, MW-19 and MW-26 for smaller scale)
1,200
1,000
800
600
400
200
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-11
MW-12
MW-16
MW-18
MW-22

ANCHEM1782

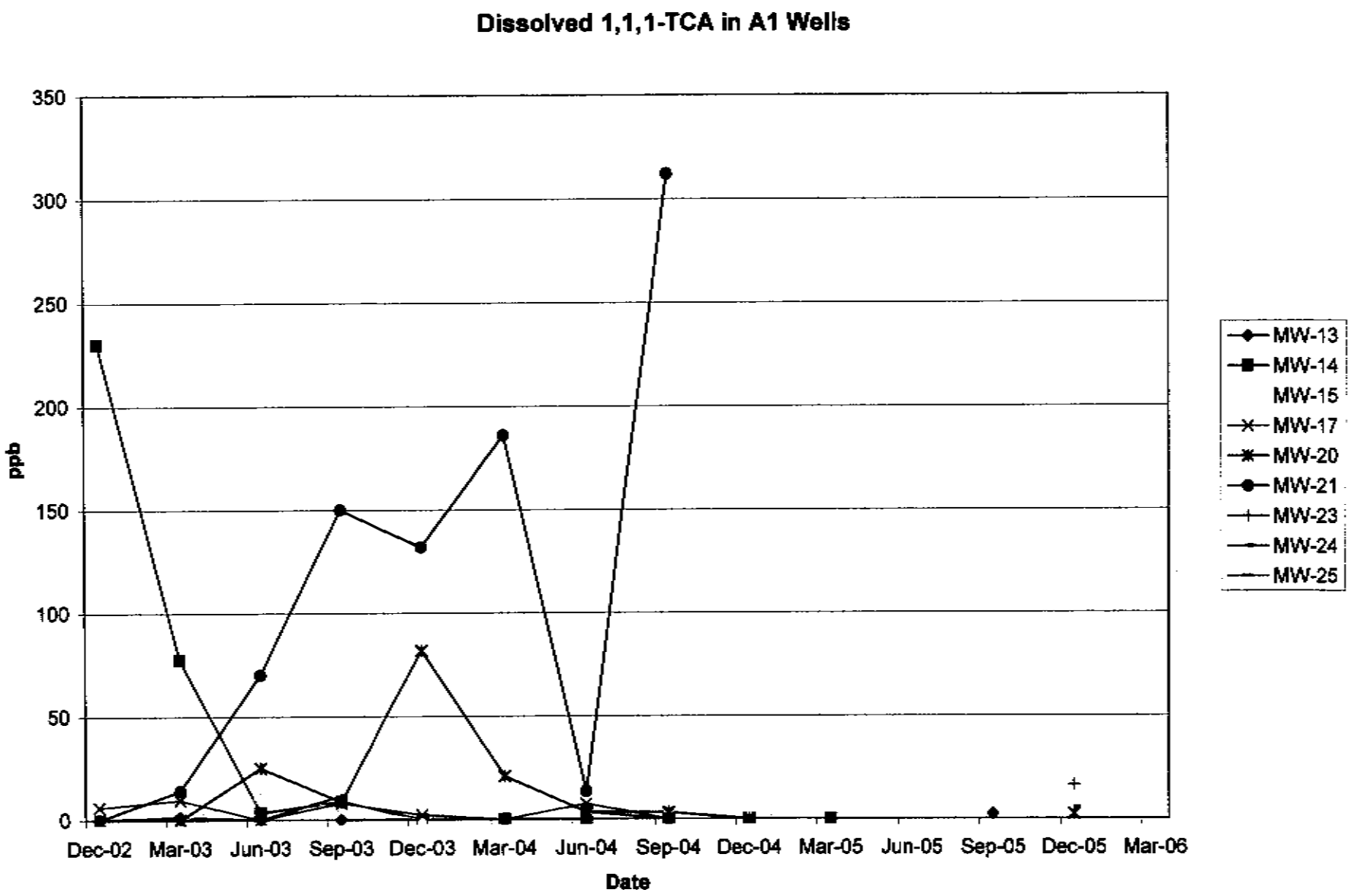
Dissolved 1,1,1-TCA in 1st Water Wells
(excluding MW-10, MW-11, MW-18, MW-19 and MW-26 for smaller scale)

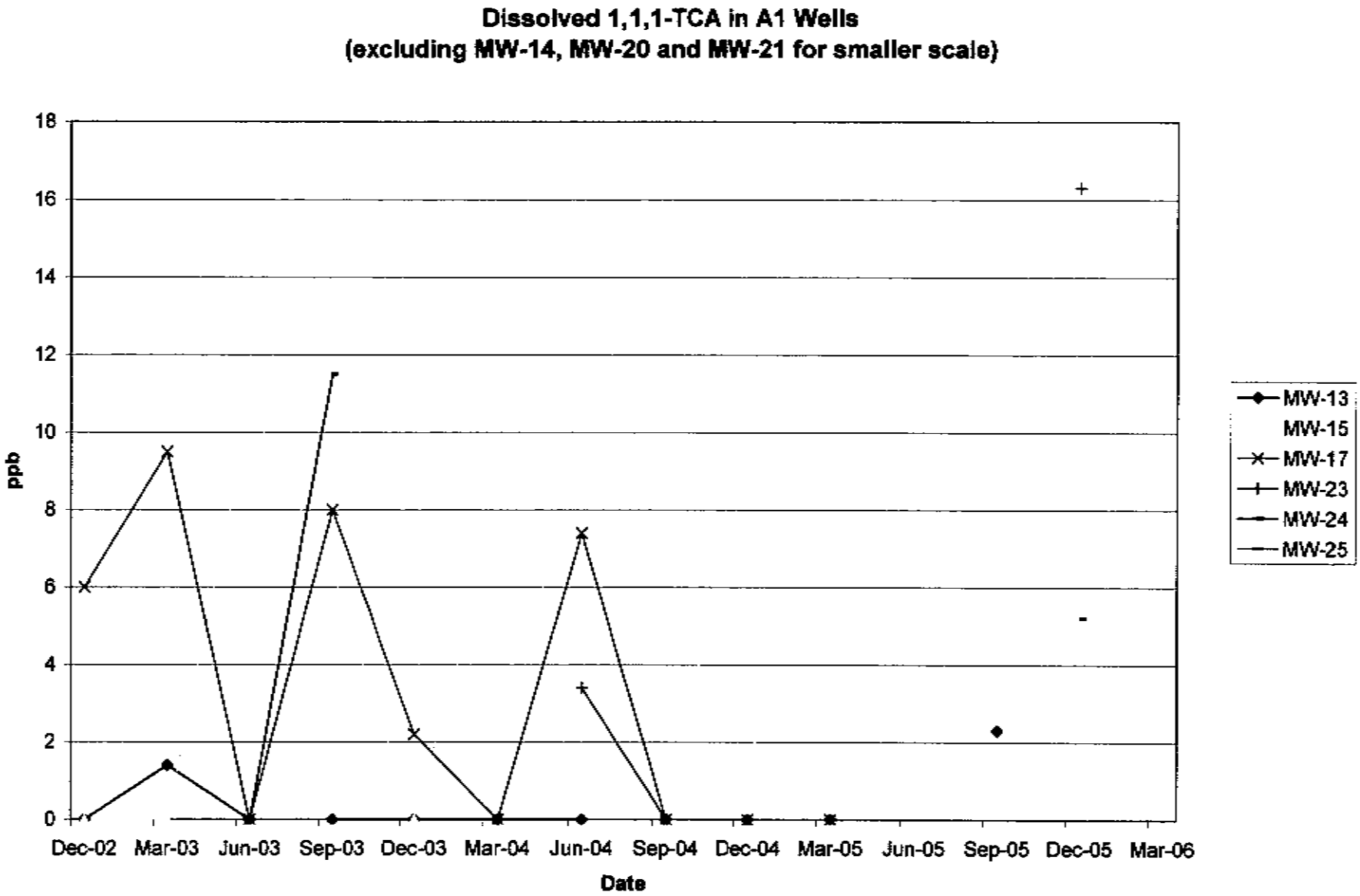


ANCHEM1783

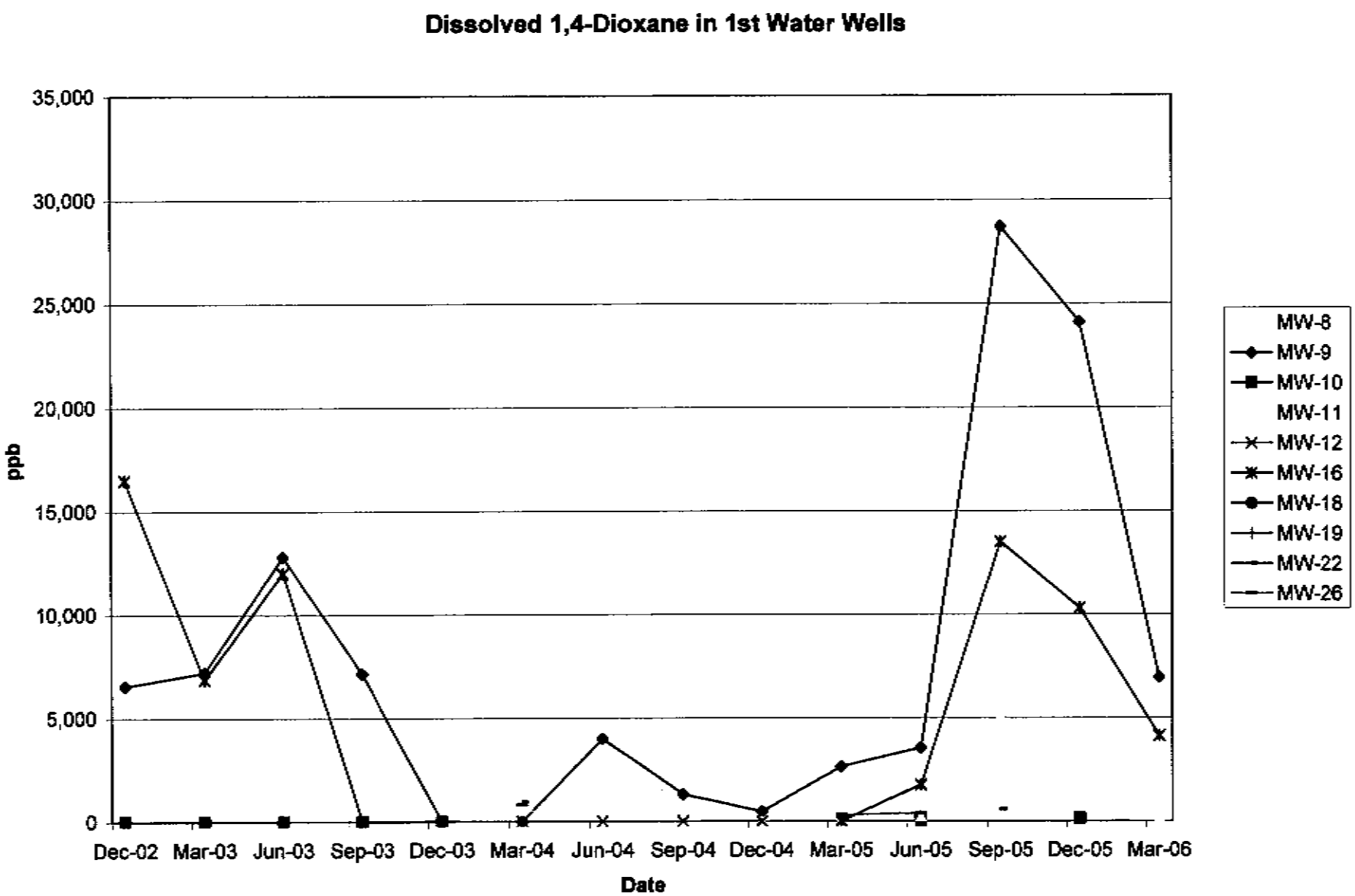

Dissolved 1,1,1-TCA in A1 Wells
350
300
250
200
150
100
50
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

ANCHEM1784

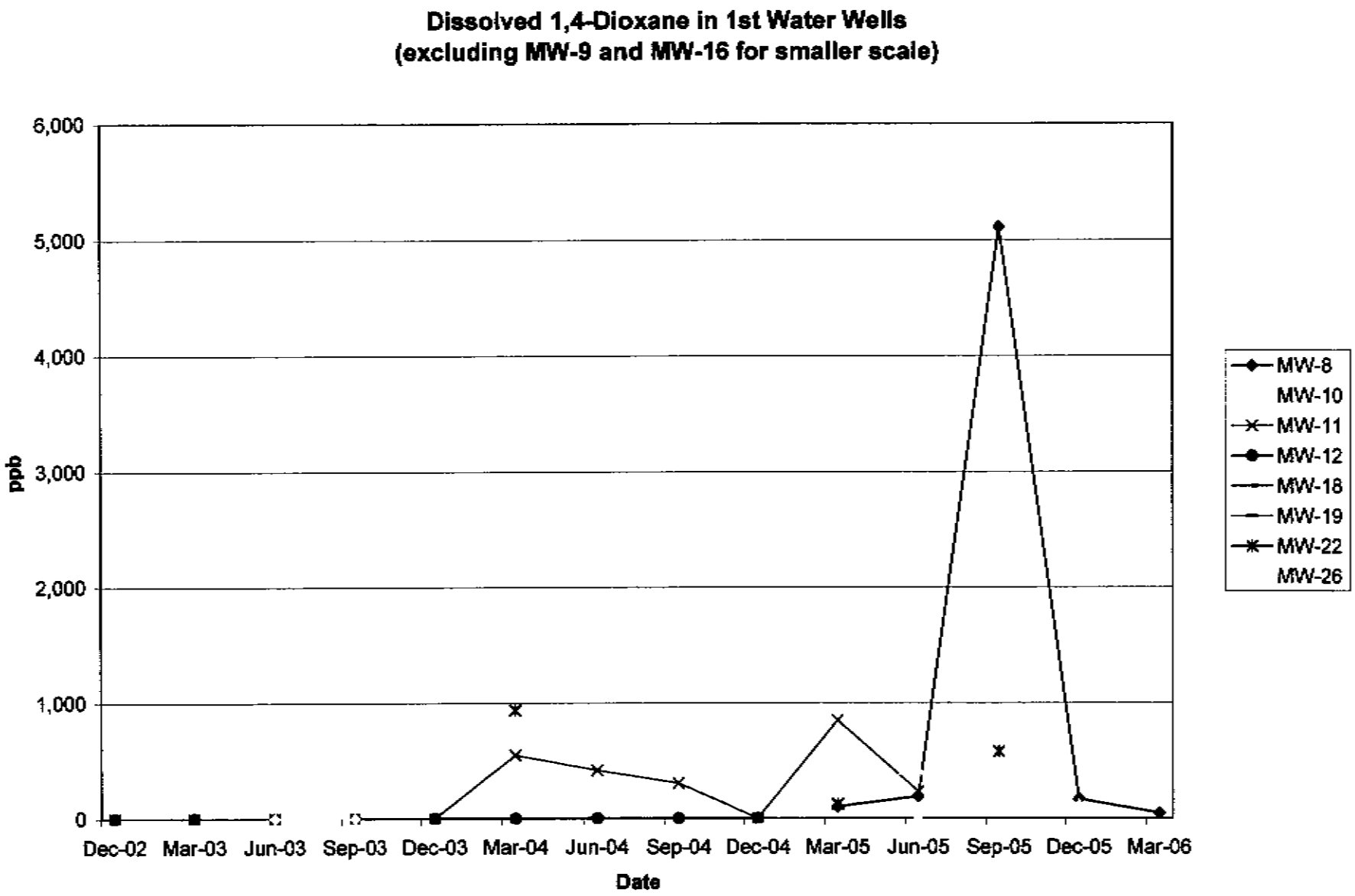

Dissolved 1,1,1-TCA in A1 Wells
350
300
250
200
150
100
50
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25


Dissolved 1,1,1-TCA in A1 Wells
(excluding MW-14, MW-20 and MW-21 for smaller scale)
ppb
18
16
14
12
10
8
6
4
2
0
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-15
MW-17
MW-23
MW-24
MW-25

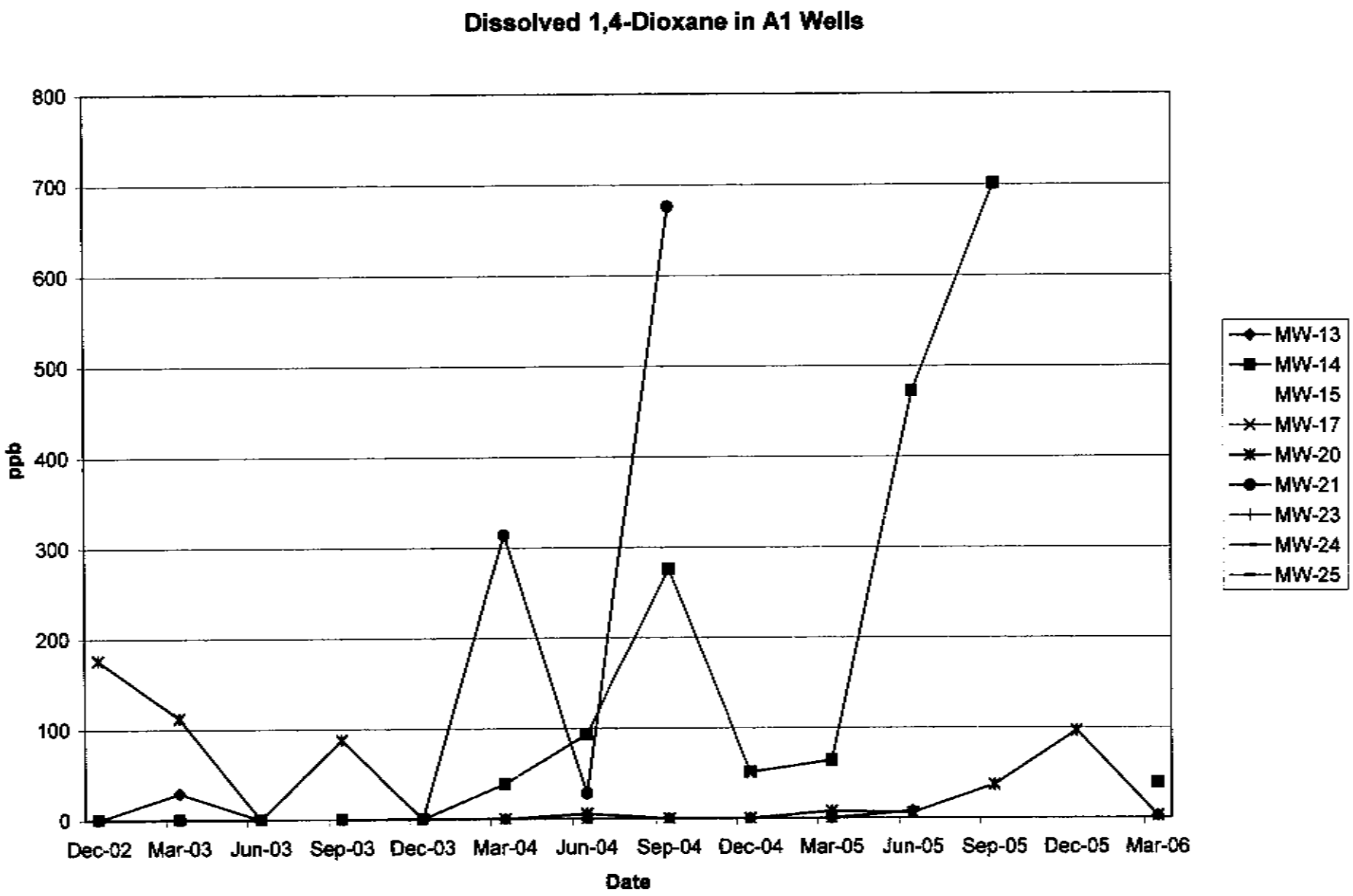
ANCHEM1786


Dissolved 1,4-Dioxane in 1st Water Wells
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

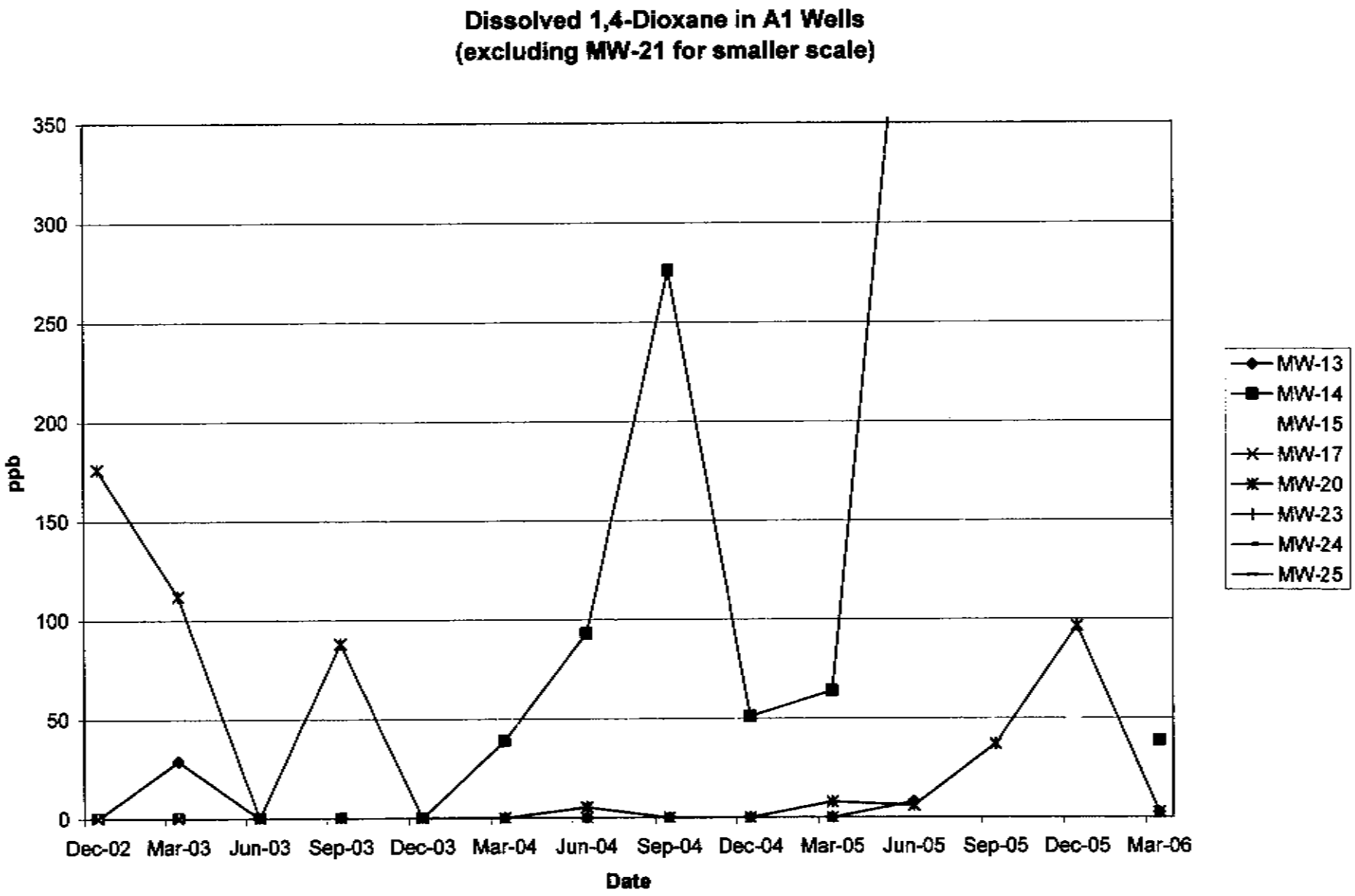
ANCHEM1787


Dissolved 1,4-Dioxane in 1st Water Wells
(excluding MW-9 and MW-16 for smaller scale)
6,000
5,000
4,000
3,000
2,000
1,000
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-10
MW-11
MW-12
MW-18
MW-19
MW-22
MW-26

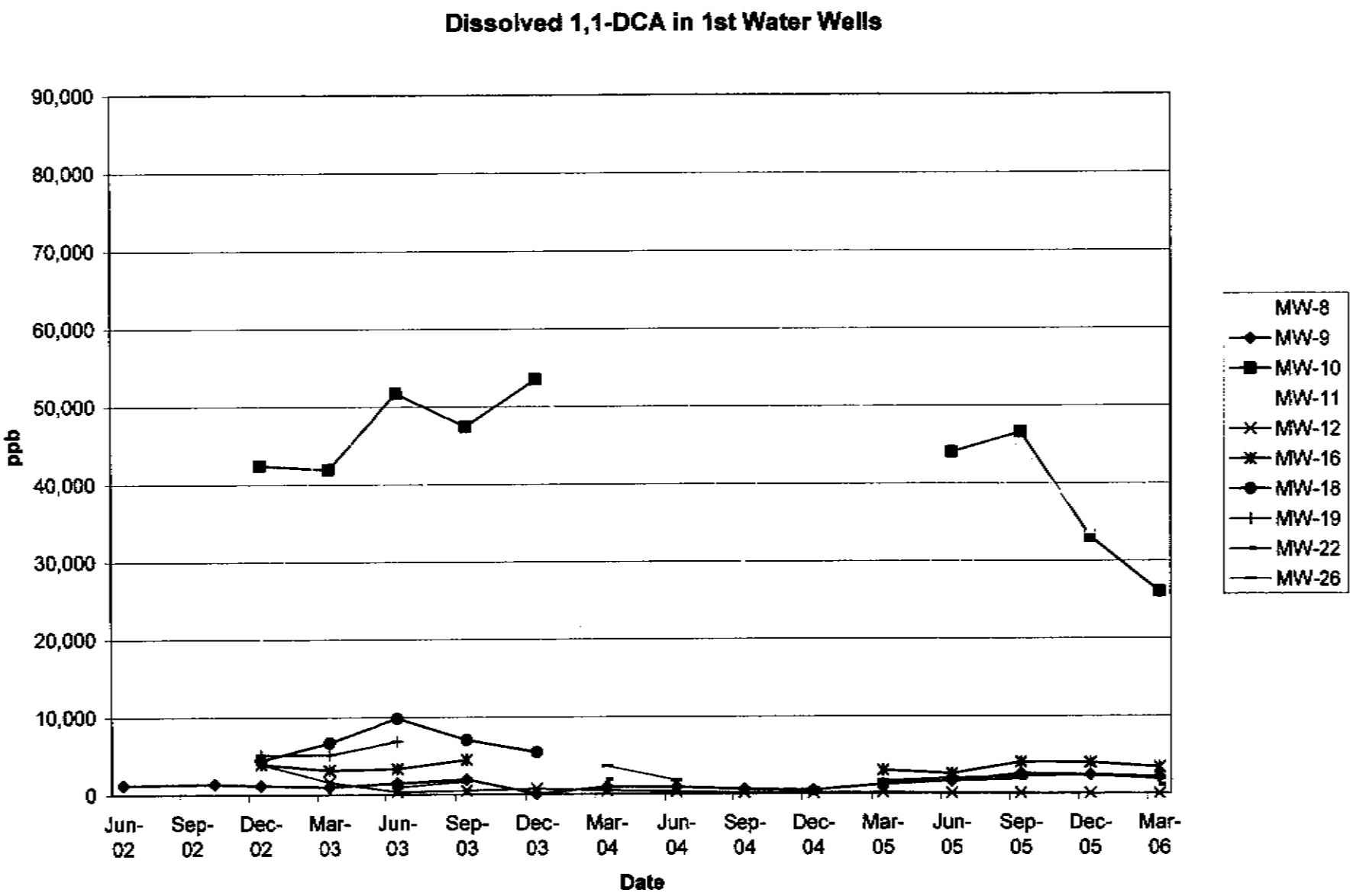
ANCHEM1788


Dissolved 1,4-Dioxane in A1 Wells
800
700
600
500
400
300
200
100
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

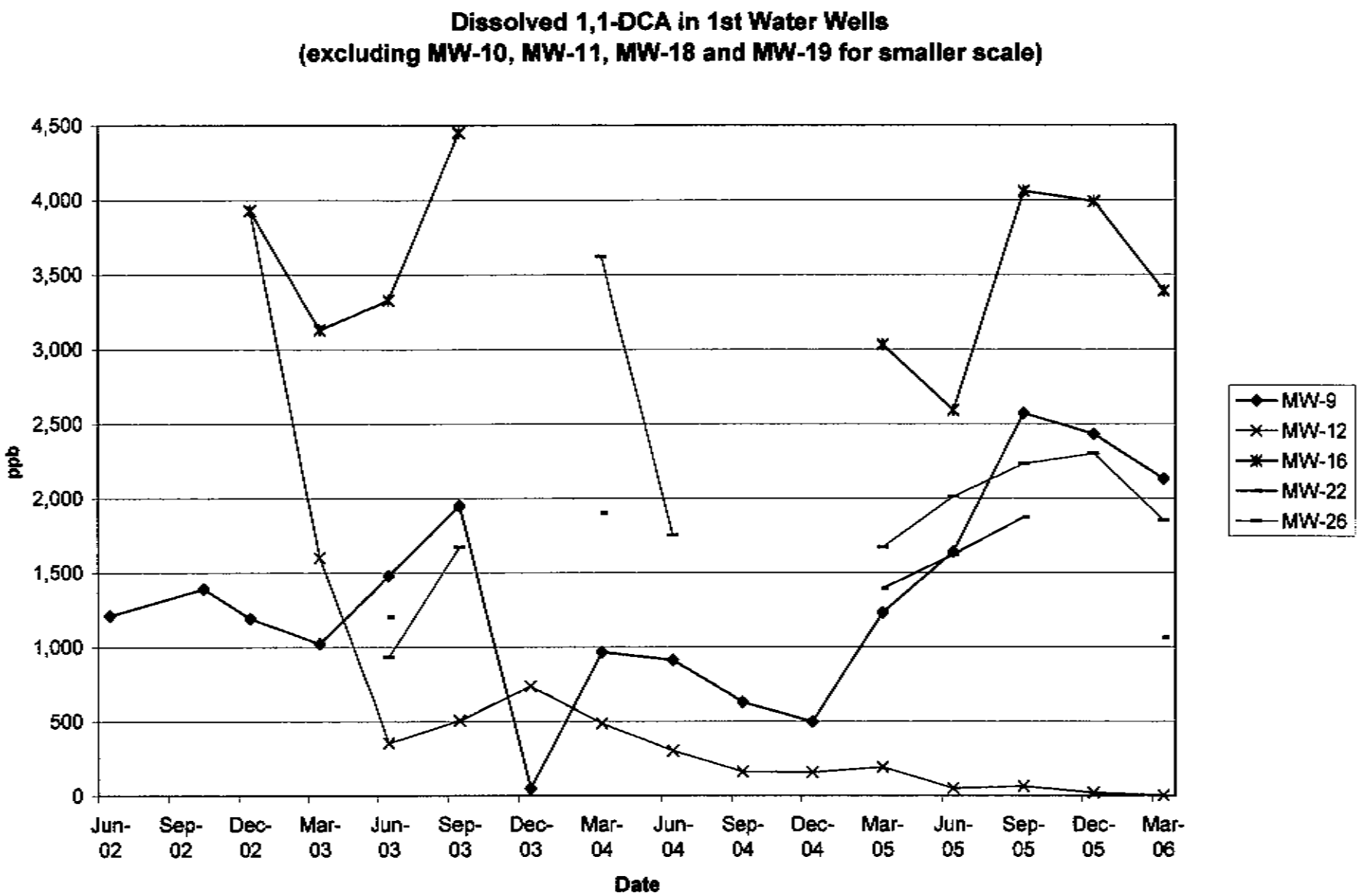
ANCHEM1789


Dissolved 1,4-Dioxane in A1 Wells
(excluding MW-21 for smaller scale)
350
300
250
200
150
100
50
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-23
MW-24
MW-25

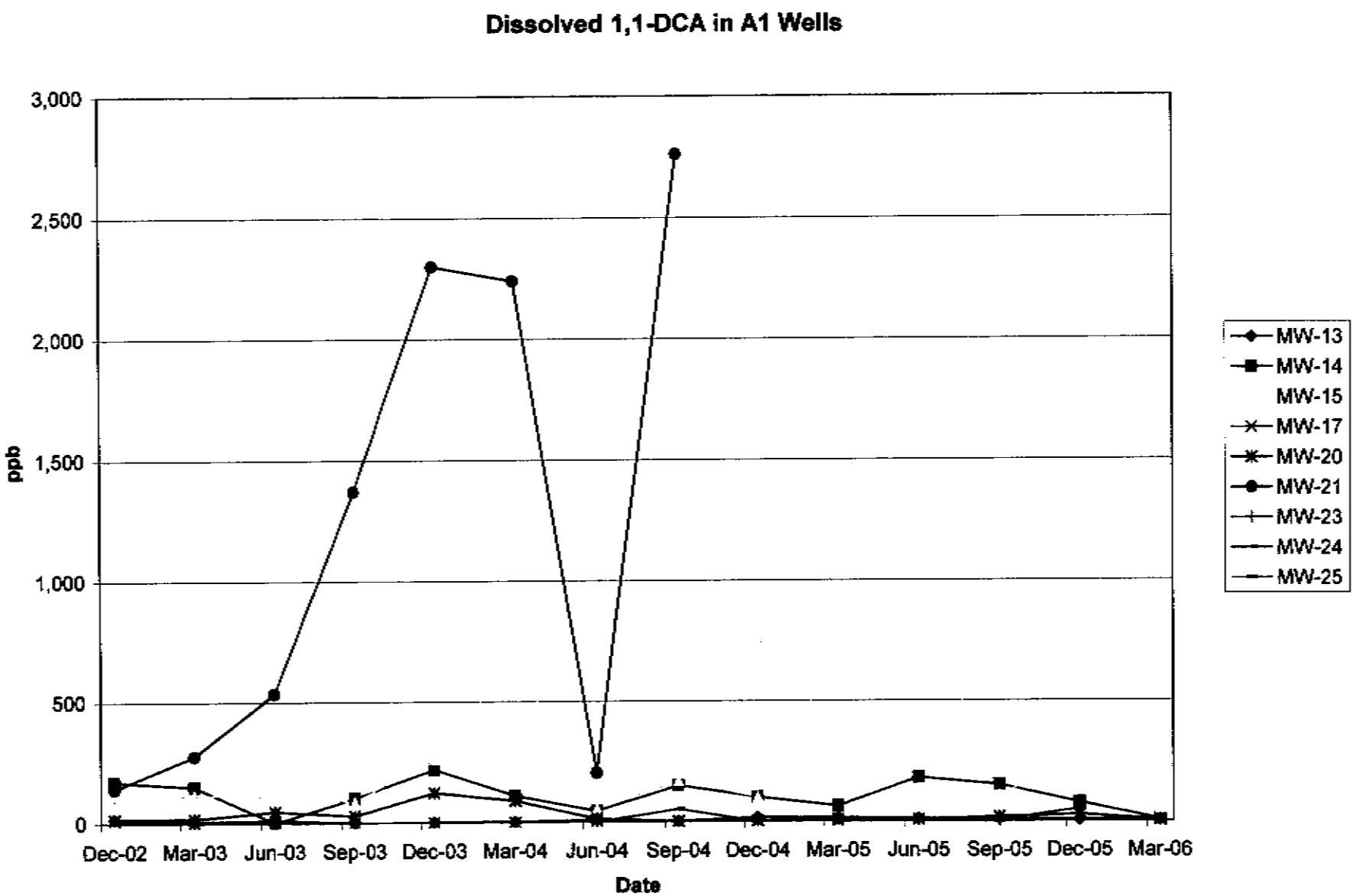
ANCHEM1790


Dissolved 1,1-DCA in 1st Water Wells
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

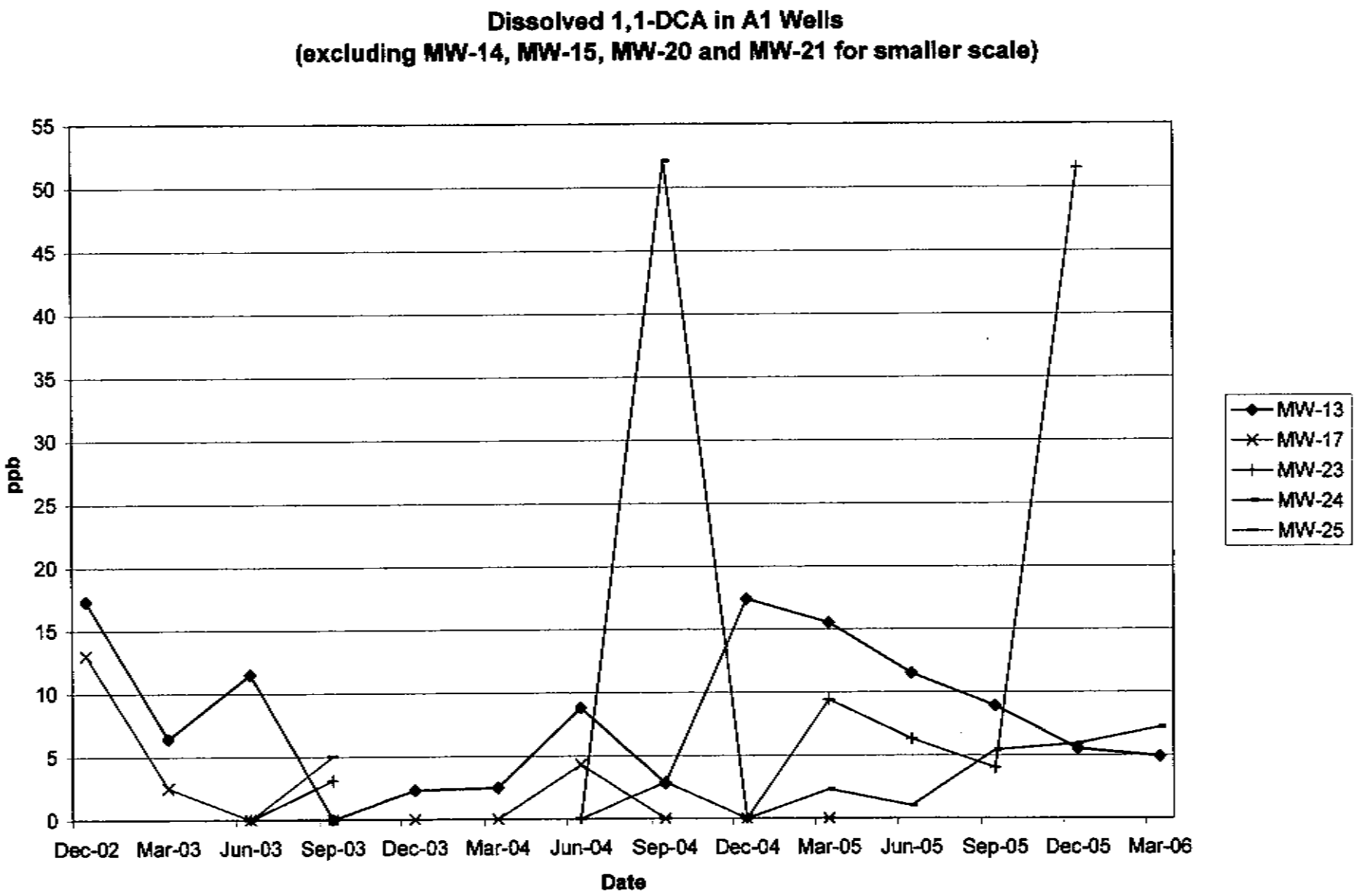
ANCHEM1791


Dissolved 1,1-DCA in 1st Water Wells
(excluding MW-10, MW-11, MW-18 and MW-19 for smaller scale)
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-9
MW-12
MW-16
MW-22
MW-26

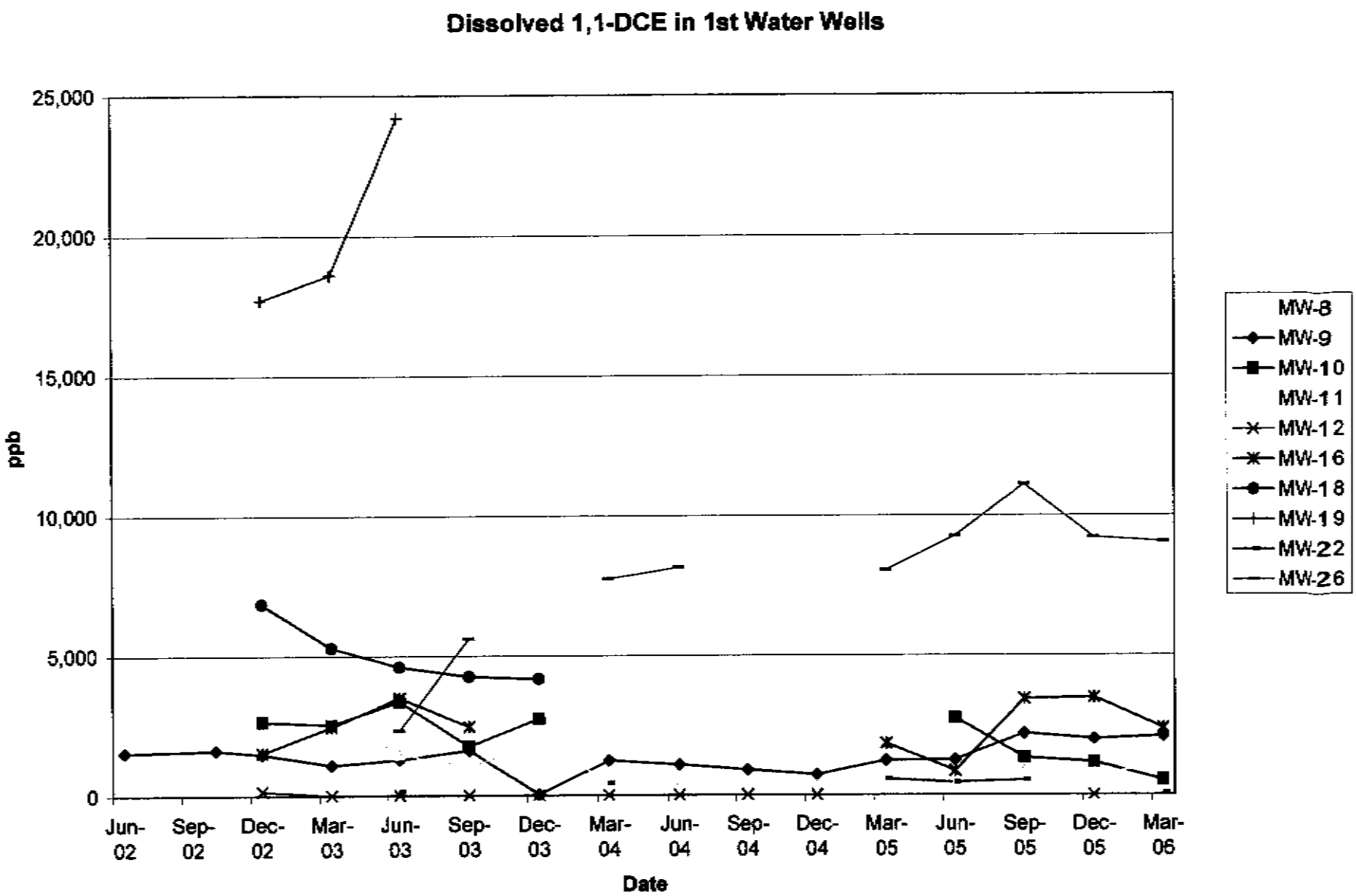
ANCHEM1792


Dissolved 1,1-DCA in A1 Wells
3,000
2,500
2,000
1,500
1,000
500
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

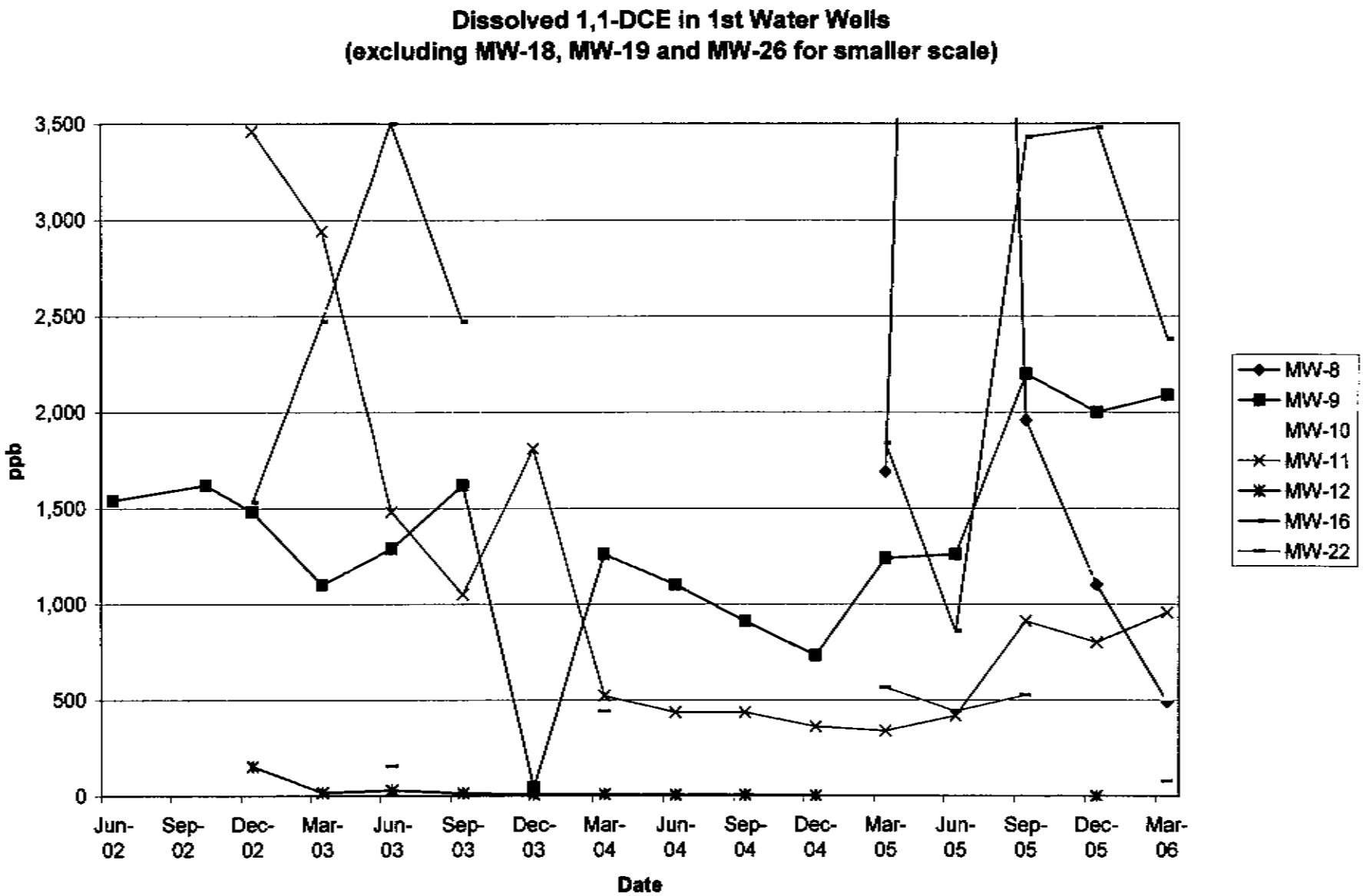
ANCHEM1793


Dissolved 1,1-DCA in A1 Wells
(excluding MW-14, MW-15, MW-20 and MW-21 for smaller scale)
ppb
55
50
45
40
35
30
25
20
15
10
5
0
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-17
MW-23
MW-24
MW-25

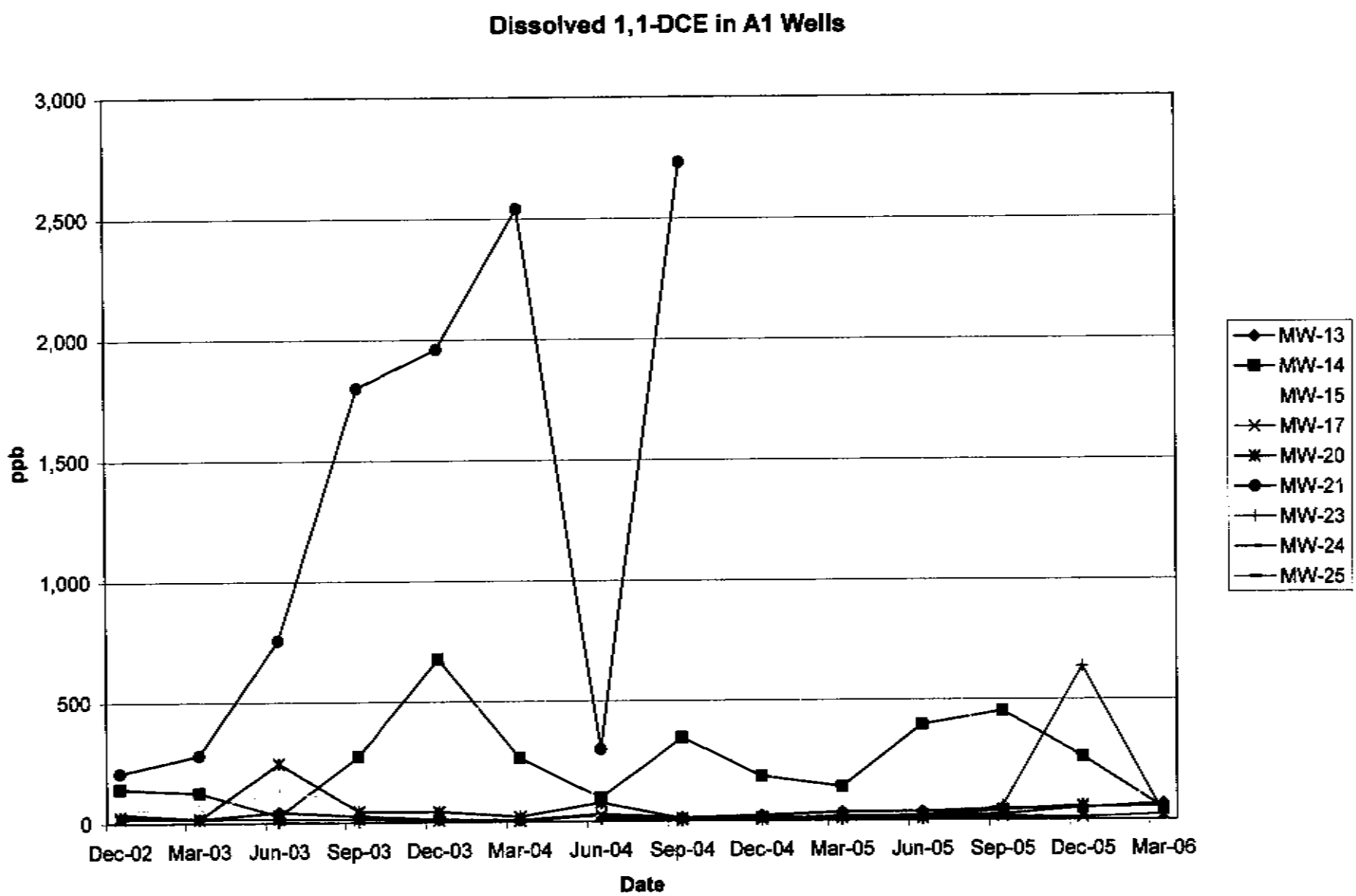
ANCHEM1794

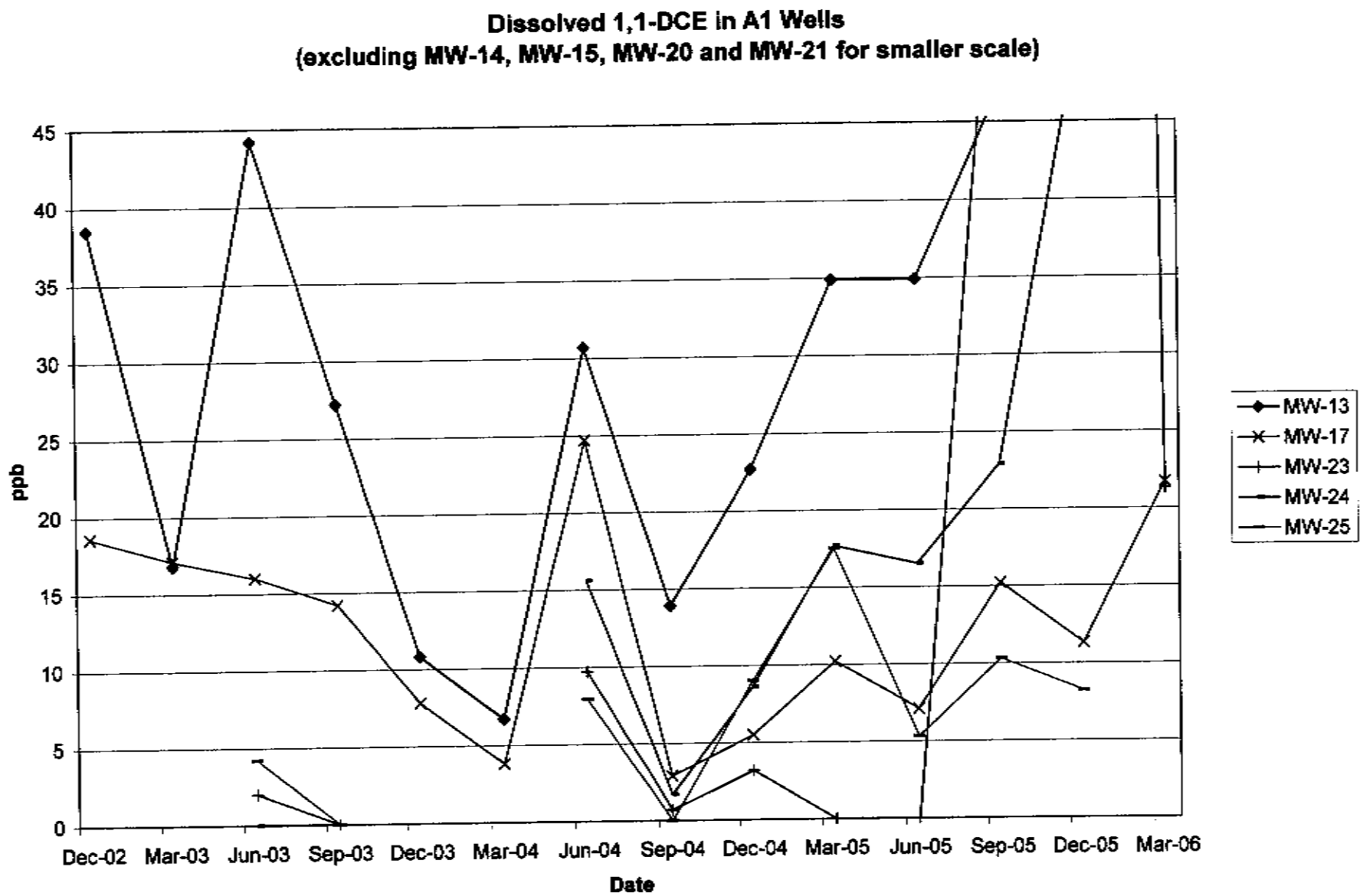

Dissolved 1,1-DCE in 1st Water Wells
25,000
20,000
15,000
10,000
5,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

ANCHEM1795

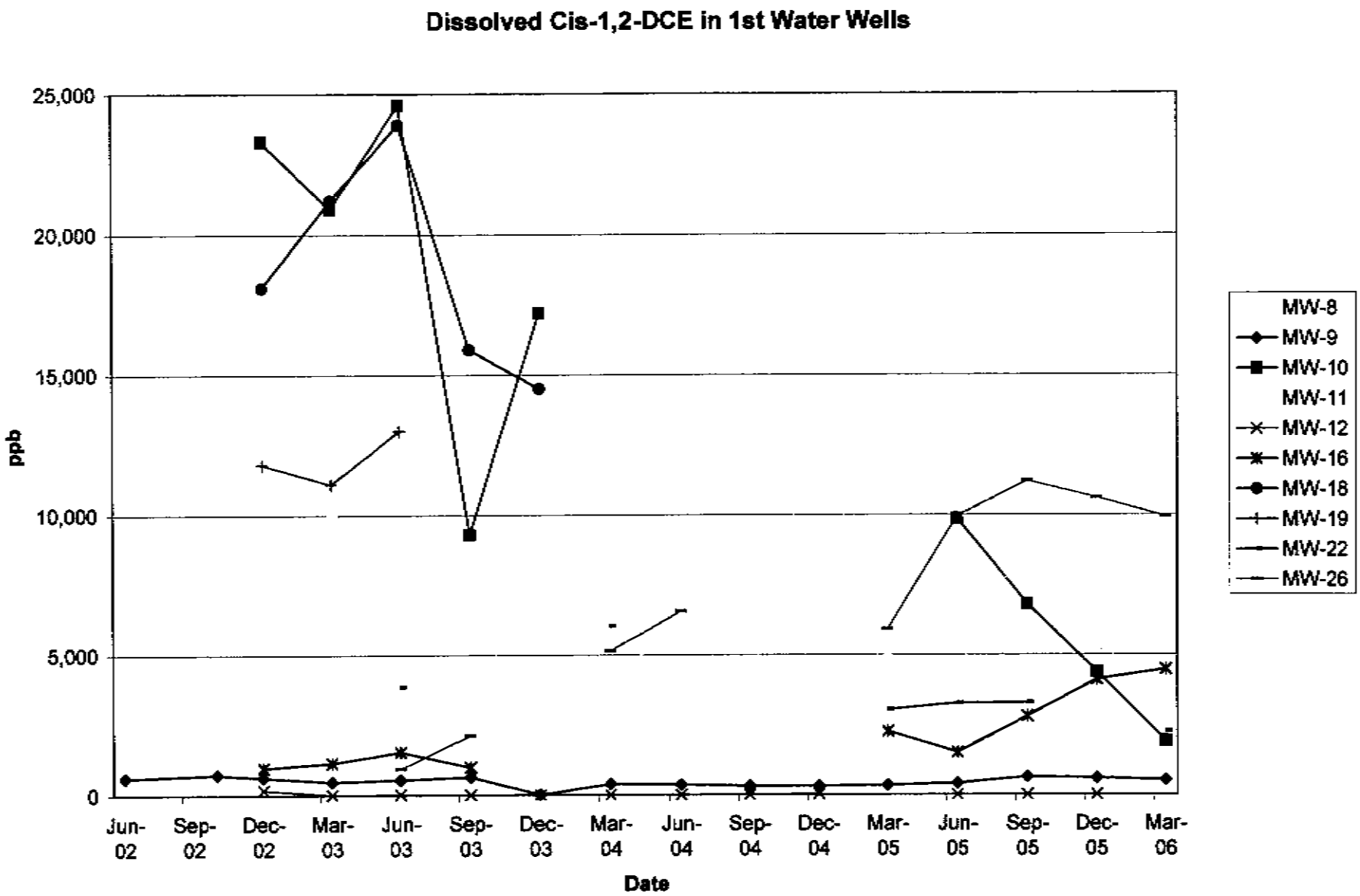

Dissolved 1,1-DCE in 1st Water Wells
(excluding MW-18, MW-19 and MW-26 for smaller scale)
ppb
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-22

ANCHEM1796


Dissolved 1,1-DCE in A1 Wells
3,000
2,500
2,000
1,500
1,000
500
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

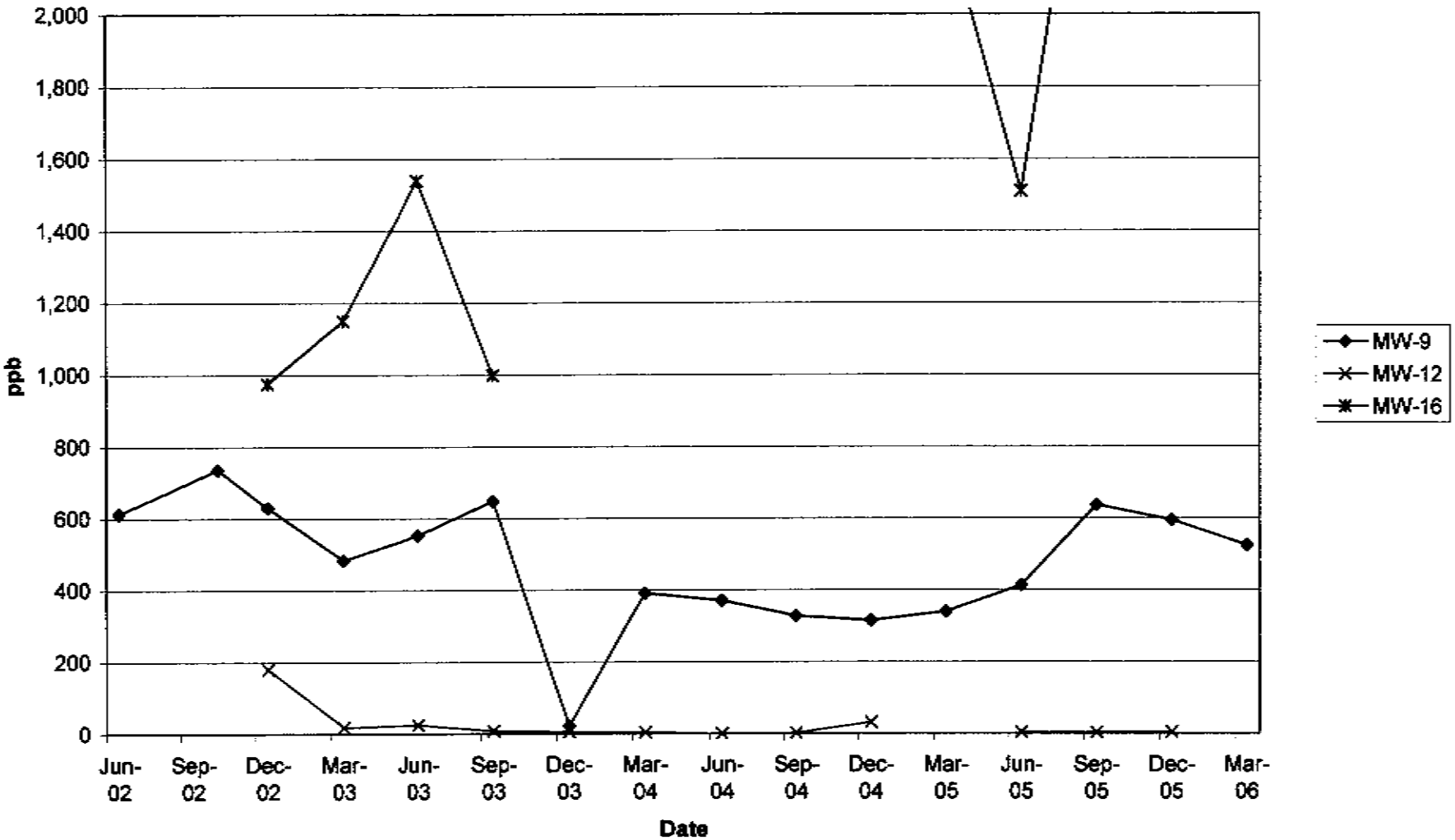

Dissolved 1,1-DCE in A1 Wells
(excluding MW-14, MW-15, MW-20 and MW-21 for smaller scale)
ppb
45
40
35
30
25
20
15
10
5
0
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-17
MW-23
MW-24
MW-25

ANCHEM1798

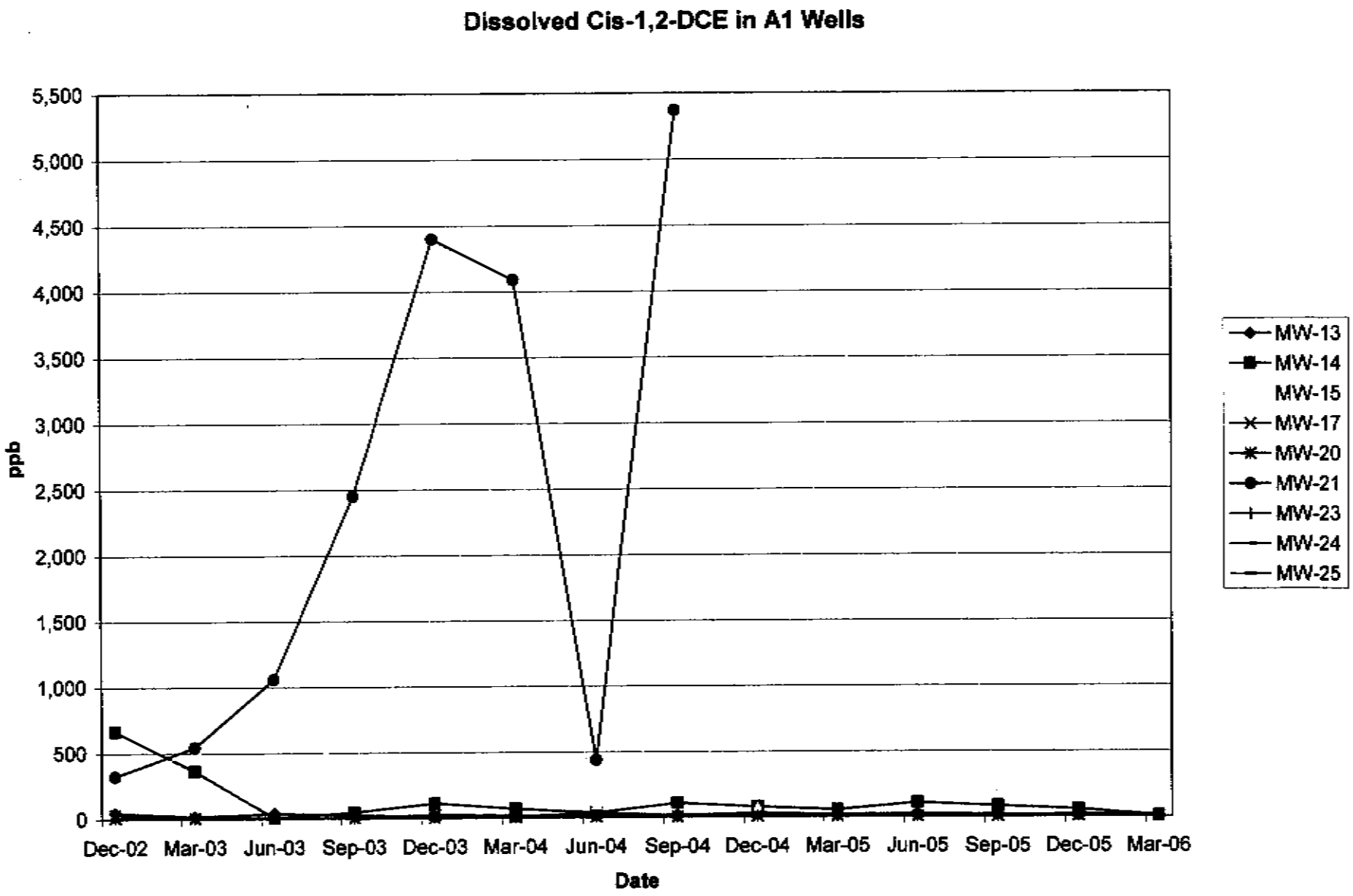

Dissolved Cis-1,2-DCE in 1st Water Wells
25,000
20,000
15,000
10,000
5,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

ANCHEM1799

Dissolved Cis-1,2-DCE in 1st Water Wells
(excluding MW-10, MW-11, MW-18, MW-19, MW-22 and MW-26 for smaller scale)

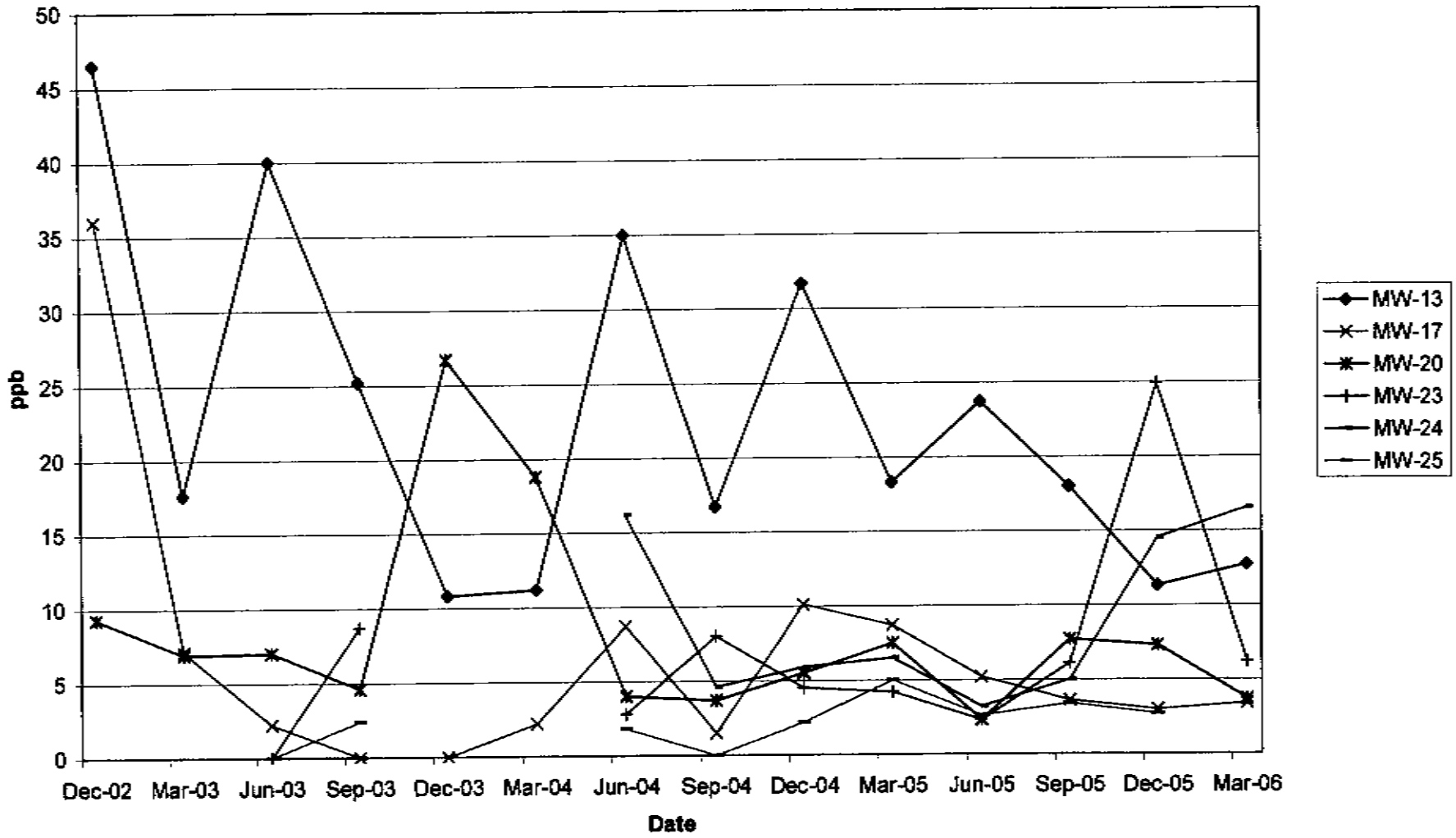


ANCHEM1800

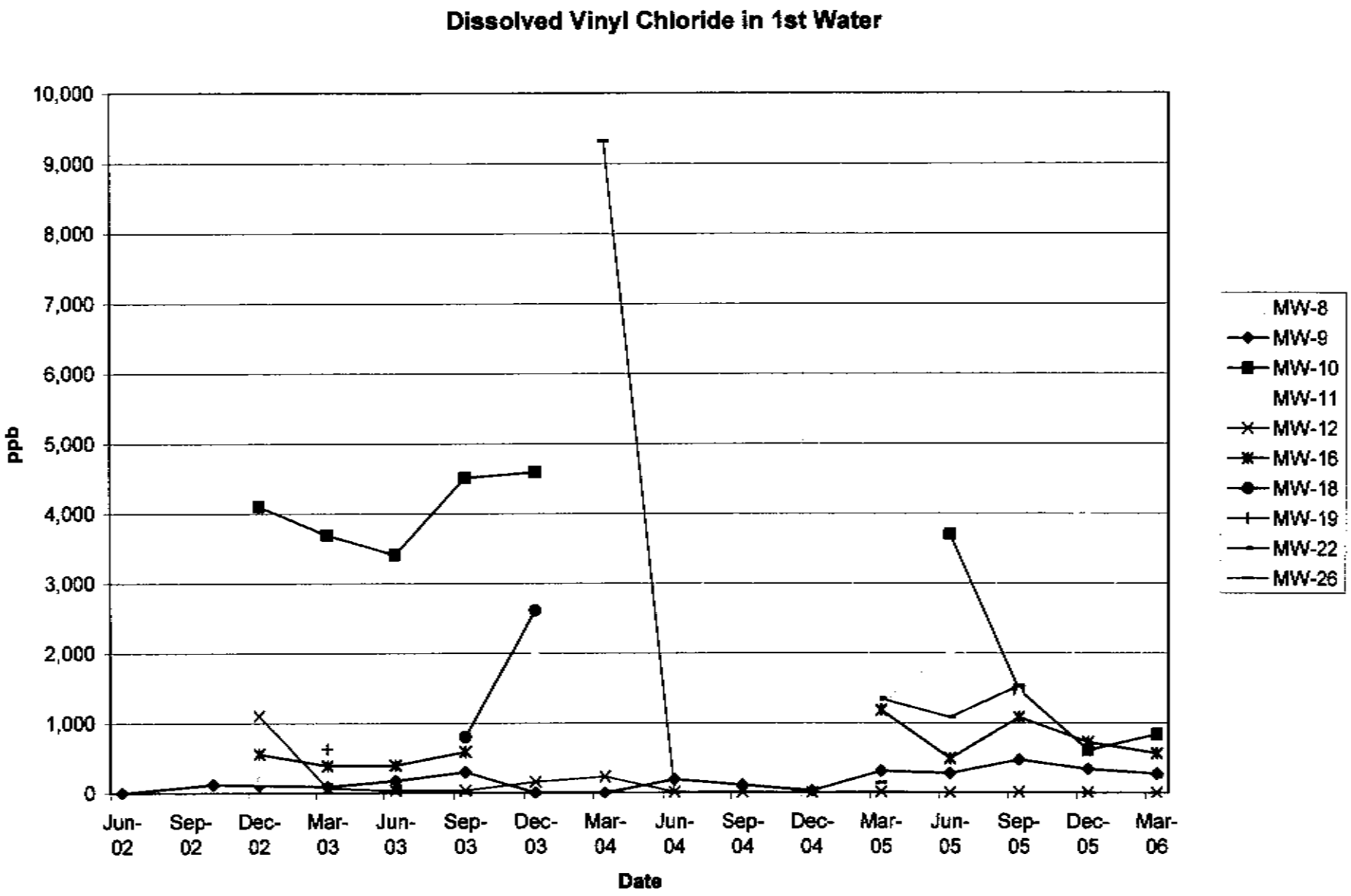

Dissolved Cis-1,2-DCE in A1 Wells
ppb
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

ANCHEM1801

Dissolved Cis-1,2-DCE in A1 Wells
(excluding MW-14, MW-15 and MW-21 for smaller scale)

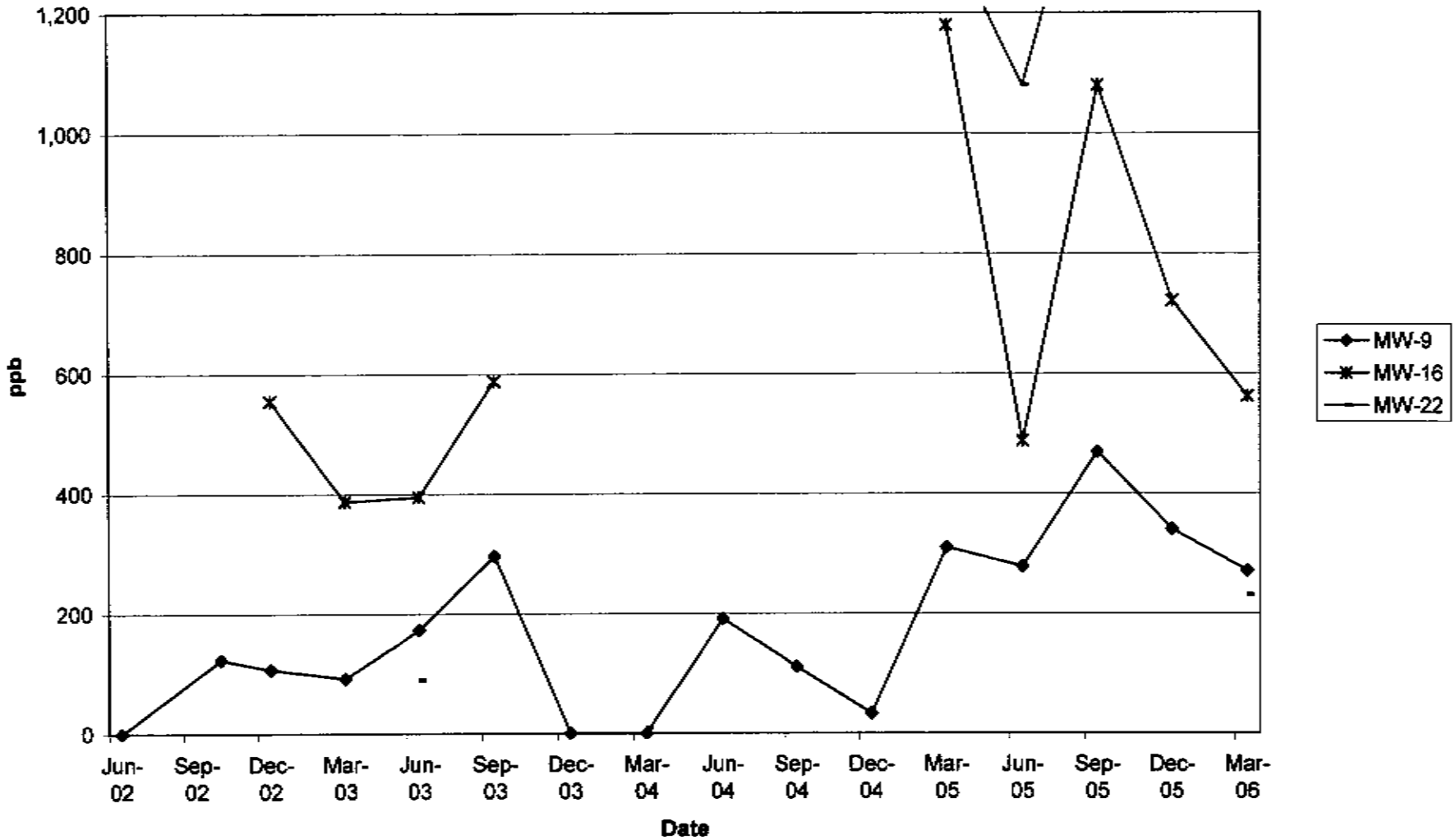


ANCHEM1802

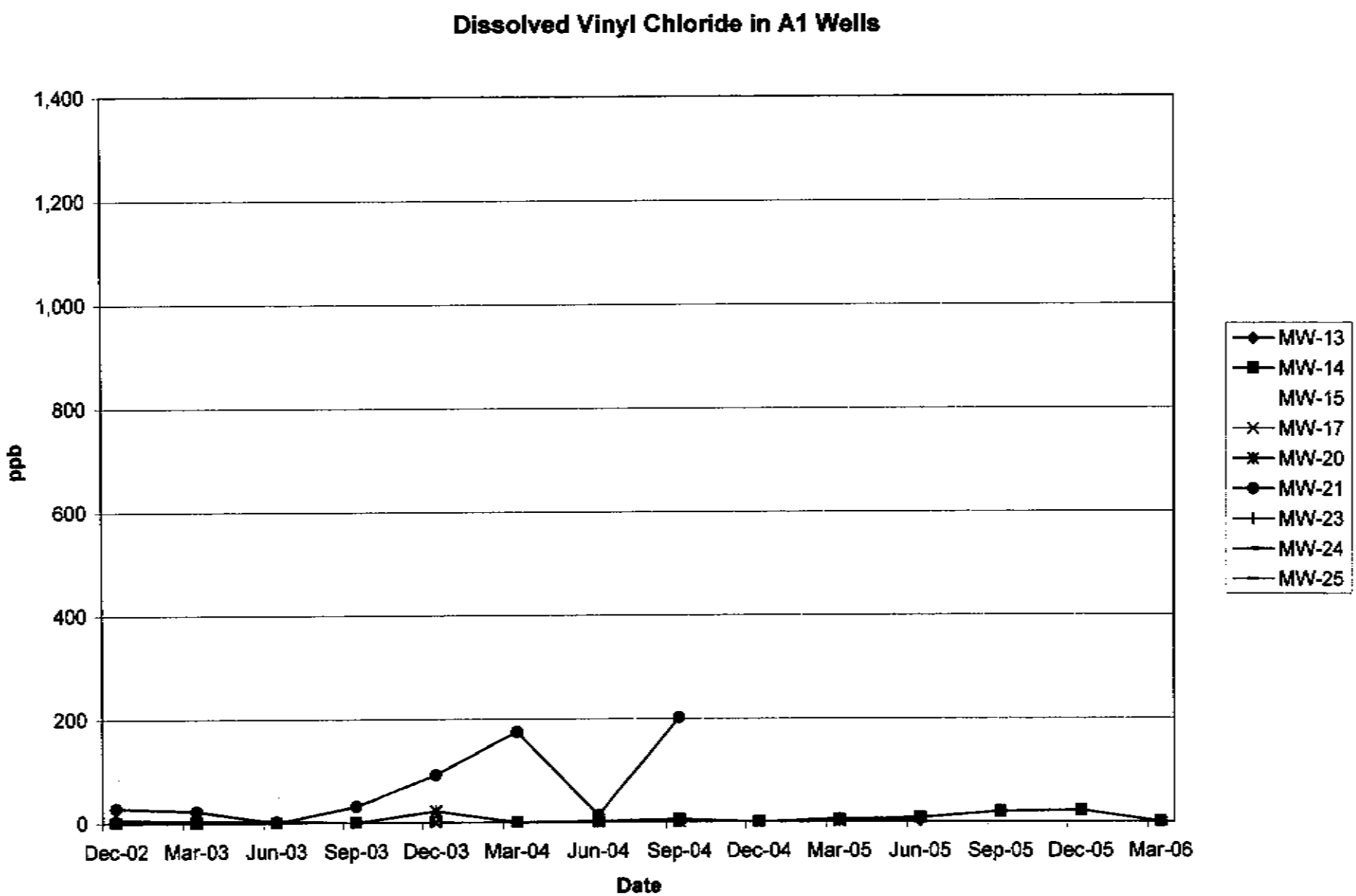

Dissolved Vinyl Chloride in 1st Water
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

ANCHEM1803

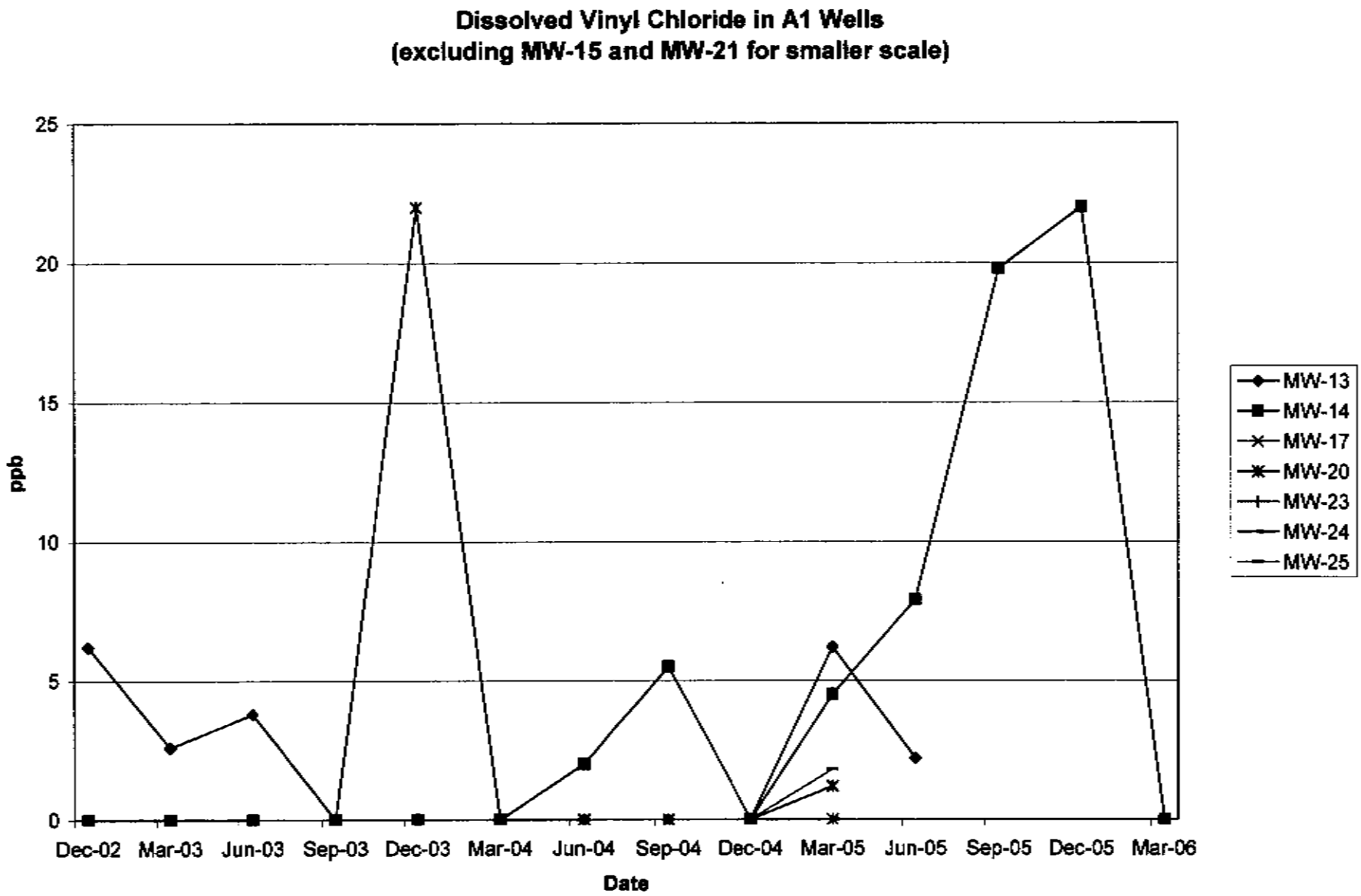
Dissolved Vinyl Chloride in 1st Water
(excluding MW-10, MW-11, MW-12, MW-18, MW-19 and MW-26 for smaller scale)



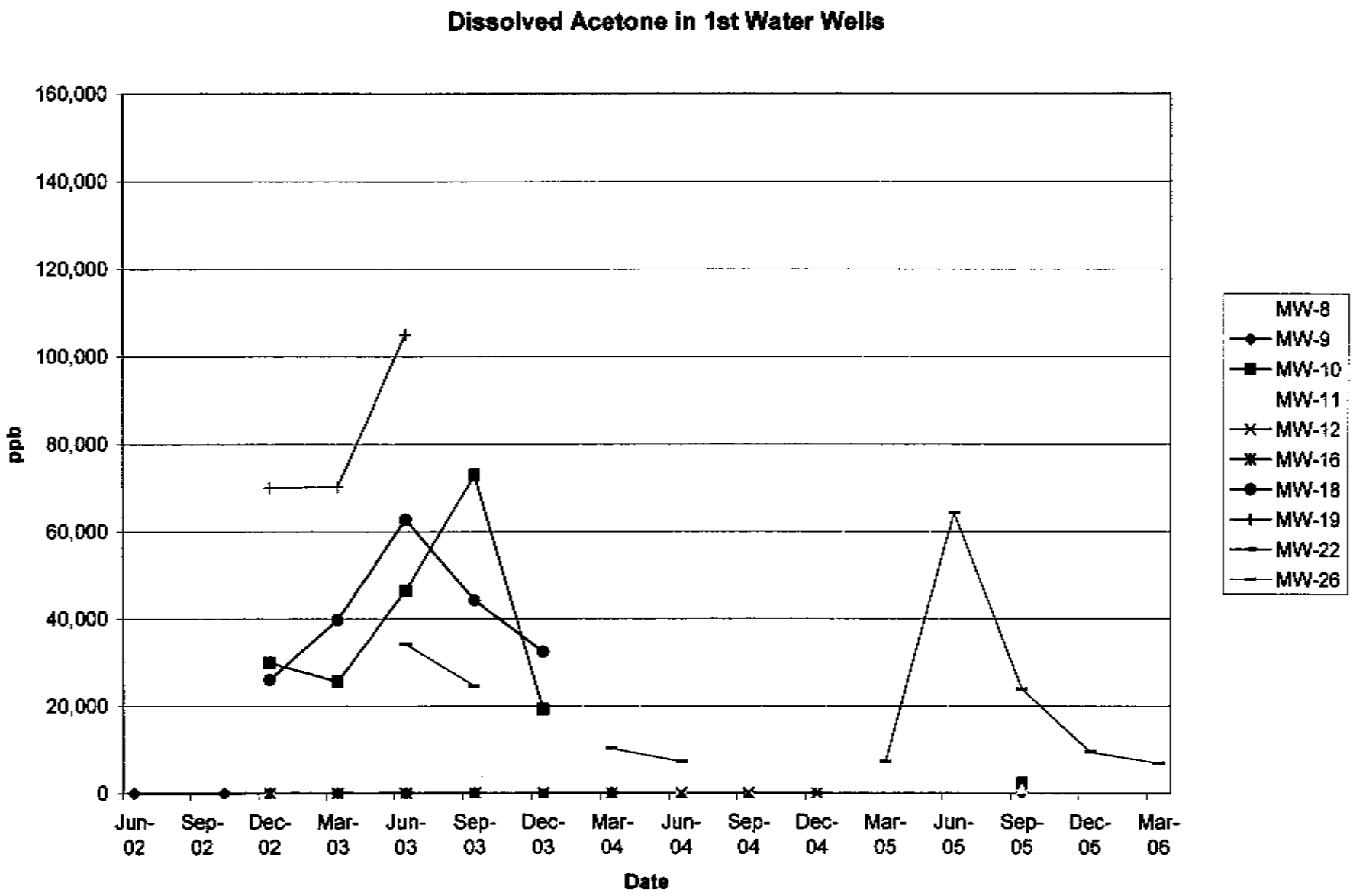
ANCHEM1804


Dissolved Vinyl Chloride in A1 Wells
1,400
1,200
1,000
800
600
400
200
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

ANCHEM1805

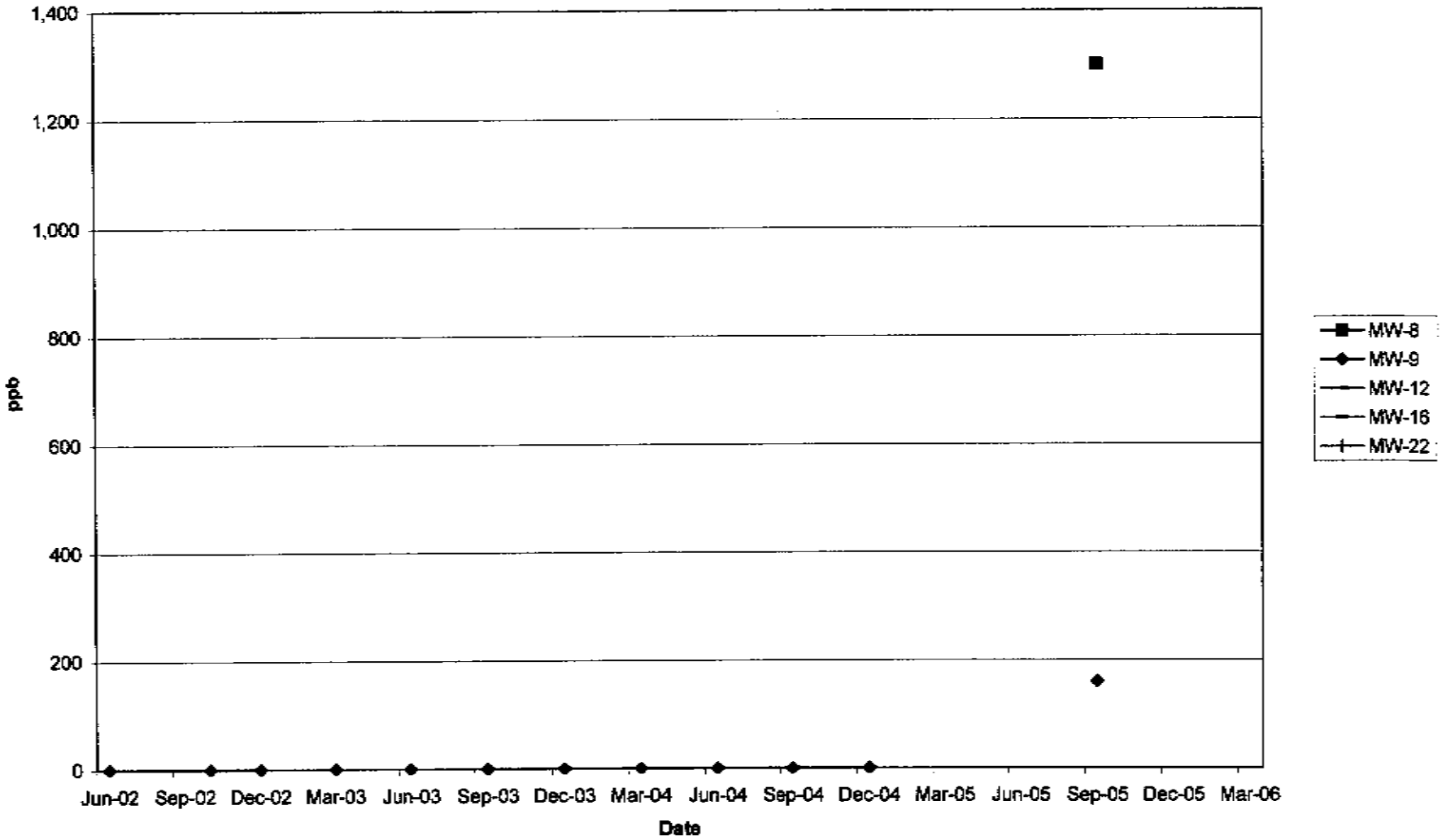

Dissolved Vinyl Chloride in A1 Wells
(excluding MW-15 and MW-21 for smaller scale)
ppb
25
20
15
10
5
0
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-17
MW-20
MW-23
MW-24
MW-25

ANCHEM1806

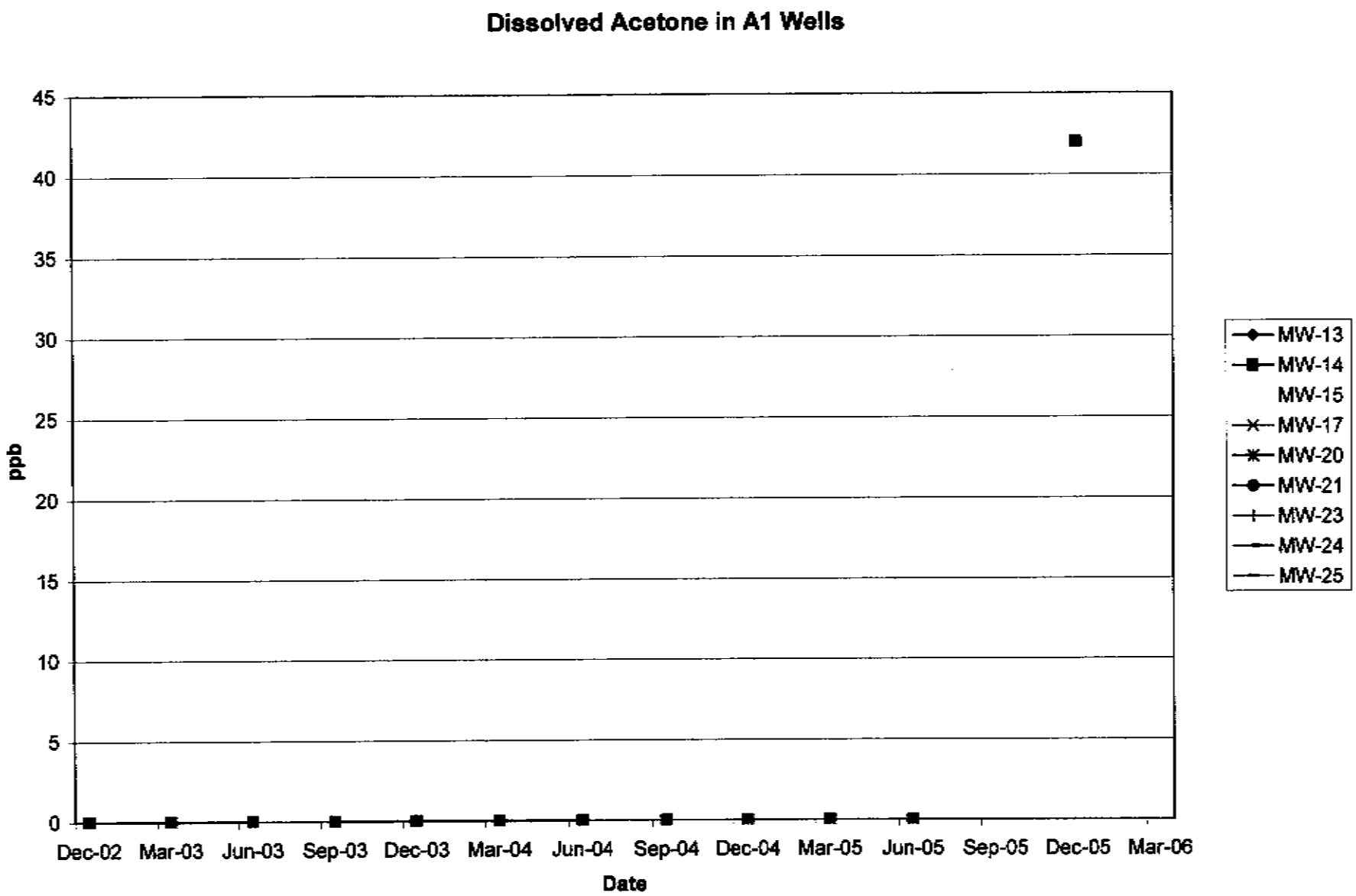

Dissolved Acetone in 1st Water Wells
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

ANCHEM1807

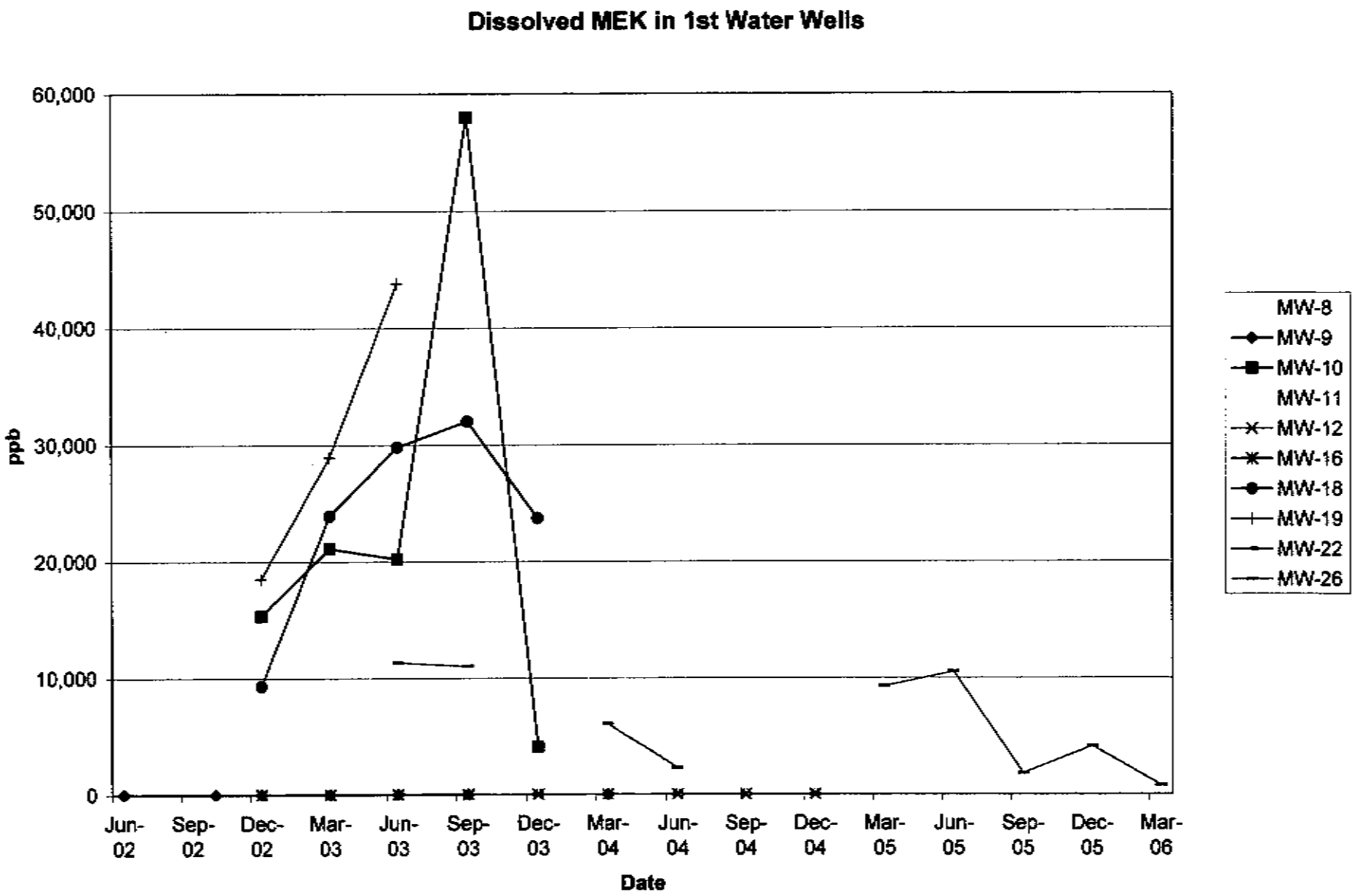
Dissolved Acetone in 1st Water Wells
(excluding MW-10, MW-11, MW-18, MW-19 and MW-26 for smaller scale)



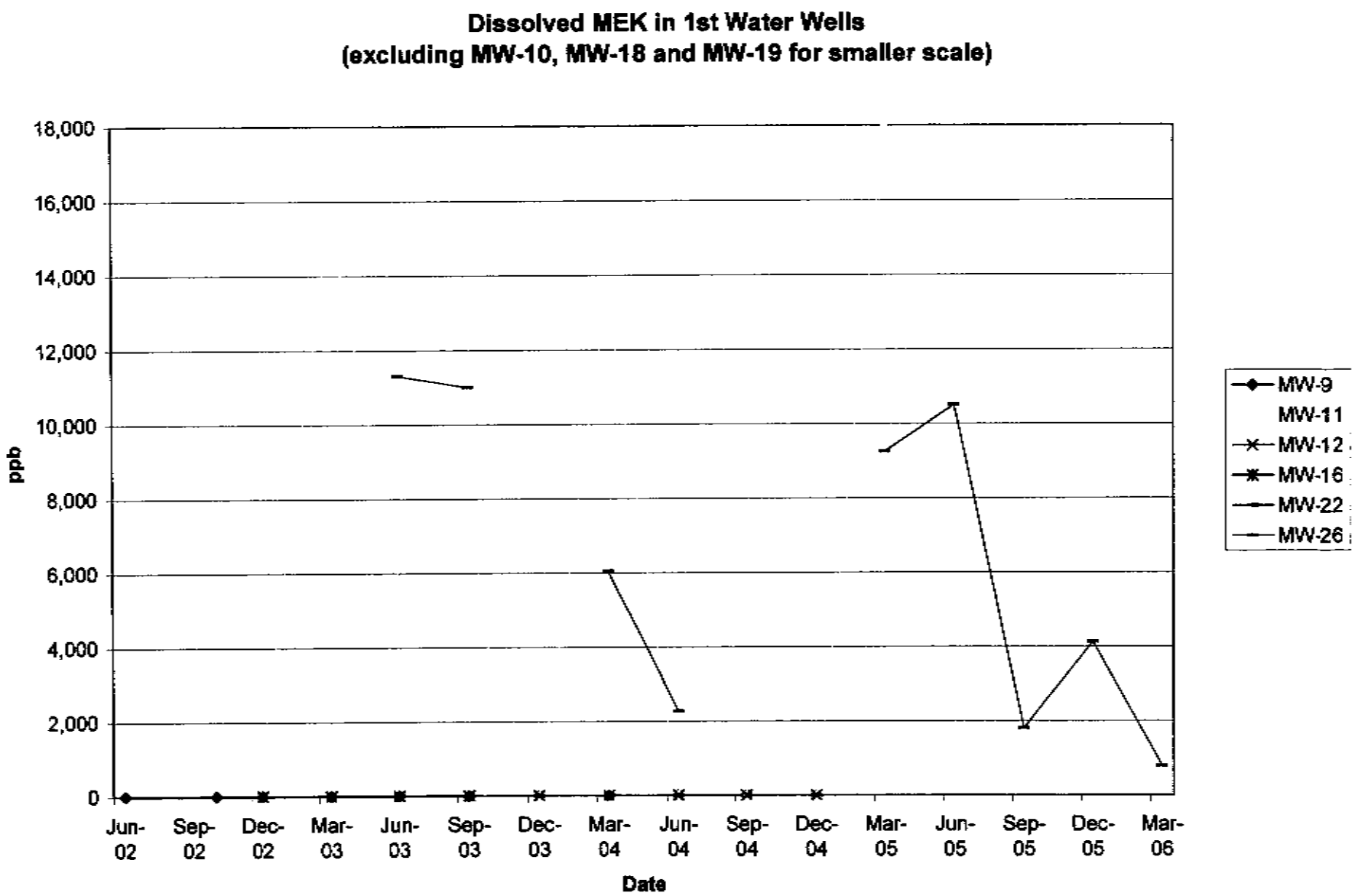
ANCHEM1808


Dissolved Acetone in A1 Wells
45
40
35
30
25
20
15
10
5
0
ppb
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

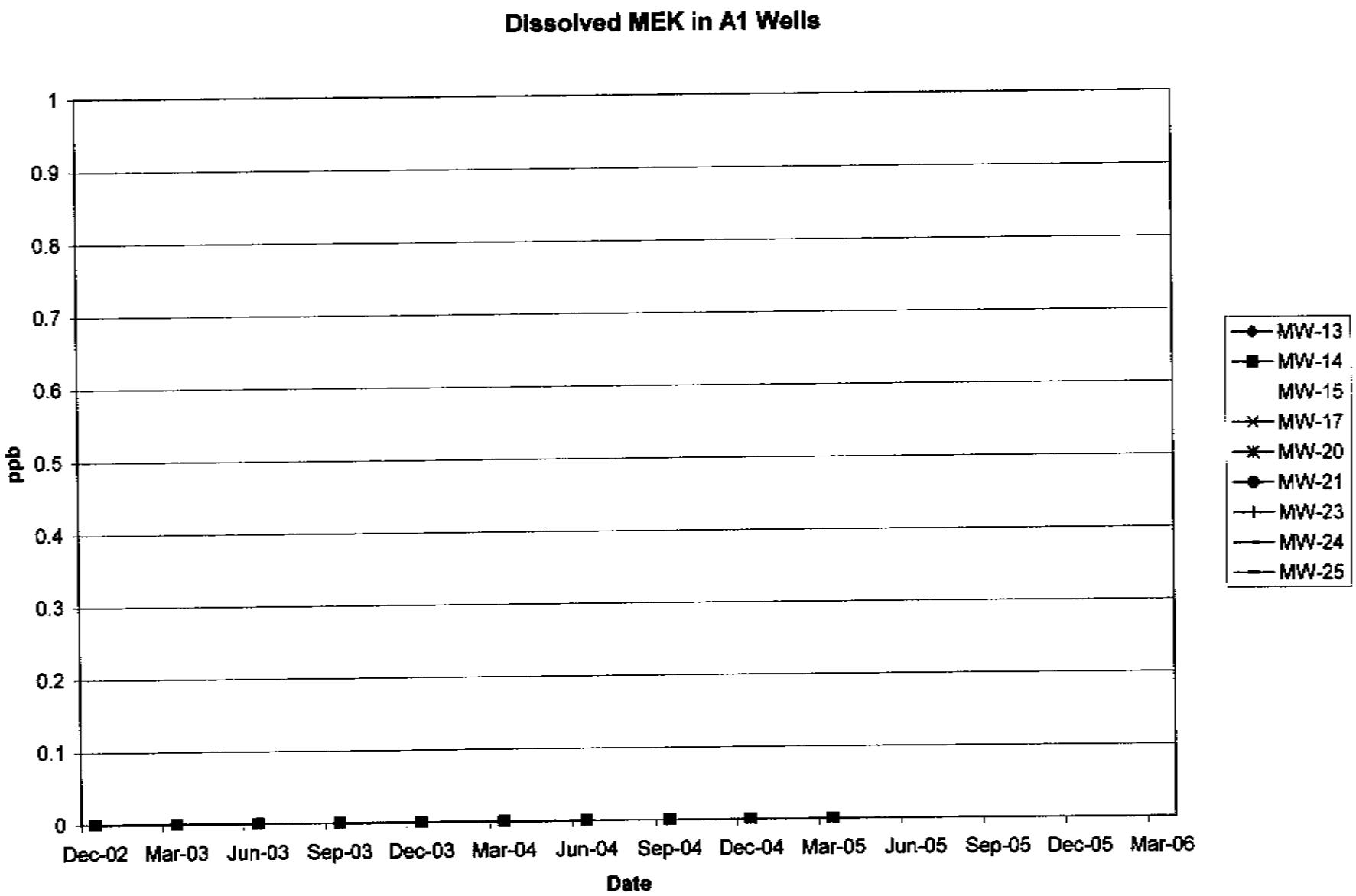
ANCHEM1809


Dissolved MEK in 1st Water Wells
60,000
50,000
40,000
30,000
20,000
10,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-8
MW-9
MW-10
MW-11
MW-12
MW-16
MW-18
MW-19
MW-22
MW-26

ANCHEM1810


Dissolved MEK in 1st Water Wells
(excluding MW-10, MW-18 and MW-19 for smaller scale)
18,000
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
ppb
Jun-02
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-9
MW-11
MW-12
MW-16
MW-22
MW-26

ANCHEM1811


Dissolved MEK in A1 Wells
ppb
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Date
MW-13
MW-14
MW-15
MW-17
MW-20
MW-21
MW-23
MW-24
MW-25

ANCHEM1812

APPENDIX C

04-05-2006

Mr. Joseph Kennedy
Clean Soils Inc.
PO Box 1180
Lomita, CA 90717

Project: Angeles Chemical Co.
Project Site: 8915 Sorensen Ave., Santa Fe Springs, CA
Sample Date: 03-24-2006
Lab Job No.: BL603113

Dear Mr. Kennedy:

Enclosed please find the analytical report for the sample(s) received by Alpha Scientific Corporation on 03-24-2006 and analyzed for the following parameters:

EPA 8015M (Gasoline)
EPA 8260B (VOCs by GC/MS)
EPA 160.1 (Total Dissolved Solids)
EPA 352.1 (Nitrate)
EPA 325.3 (Chloride)
EPA 375.4 (Sulfate)
EPA 376.1 (Sulfide)
EPA 6010B (Total Iron) and Ferrous Iron
Ethylene
EPA 6010B (Manganese)
EPA 310.1 (Alkalinity)
Standard Method 4500 (Carbonate & Bicarbonate)
EPA 415.1 (Total Organic Carbon, Dissolved Organic Carbon)
Modified EPA 8270C (1,4-Dioxane by GC/MS)

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

Chloride, sulfide, Alkalinity, Carbonate & Bicarbonate analyses were subcontracted to Americhem Testing Laboratory. TOC & DOC analyses were subcontracted to Associated Laboratories. Their original reports are attached.

Alpha Scientific Corporation is certified by CA DHS (Certificate Number 2633). Thank you for giving us the opportunity to serve you. Please feel free to call me at (562) 809-8880 if our Laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.

04-05-2006

Client: Clean Soils Inc.
Project: Angeles Chemical Co.
Project Site: 8915 Sorensen Ave., Santa Fe Springs, CA
Matrix: Water
Batch No.: BMC27-GW1

Lab Job No.: BL603113
Date Sampled: 03-24-2006
Date Received: 03-24-2006
Date Analyzed: 03-27-2006

EPA 8015M (Gasoline)
Reporting Units: µg/L (ppb)

Sample ID	Lab ID	C4-C12 (Gasoline Range)	Method Detection Limit	PQL
Method Blank		ND	50	50
MW-9	BL603113-2	1,960	50	50
MW-10	BL603113-3	44,100	50	50
MW-11	BL603113-4	41,500	50	50
MW-12	BL603113-5	83.3	50	50
MW-13	BL603113-6	195	50	50
MW-14	BL603113-7	68.8	50	50
MW-15	BL603113-8	234	50	50
MW-17	BL603113-10	ND	50	50
MW-20	BL603113-11	106	50	50

PQL: Practical Quantitation Limit.

04-05-2006

Client: Clean Soils Inc.
Project: Angeles Chemical Co.
Project Site: 8915 Sorensen Ave., Santa Fe Springs, CA
Matrix: Water

Lab Job No.: BL603113
Date Sampled: 03-24-2006
Date Received: 03-27-2006

Analytical Test Results

Analyte	EPA Method	Date Analyzed	Unit	MW-8	MW-12	MW-13	MW-14	MW-15	Reporting Limit
				BL603113-1	BL603113-5	BL603113-6	BL603113-7	BL603113-8	
Ethylene	GC/FID	03-27-06	ug/L	151	ND	ND	ND	ND	5
TDS	160.1	03-31-06	mg/L	868	698	1,230	1,320	1,280	2
Nitrate	352.1	03-29-06	mg/L	3.56	16.0	22.5	21.1	25.0	0.01
Sulfate	375.4	03-29-06	mg/L	2.2	334	764	439	608	1.0

Analyte	EPA Method	Date Analyzed	Unit	MW-17	MW-20				Reporting Limit
				BL603113-10	BL603113-11				
Ethylene	GC/FID	03-27-06	ug/L	ND	ND				5
TDS	160.1	03-31-06	mg/L	1,280	1,240				2
Nitrate	352.1	03-29-06	mg/L	33.6	36.3				0.01
Sulfate	375.4	03-29-06	mg/L	732	546				1.0

ND: Not Detected (at the specified limit).

04-05-2006

Client:	Clean Soils Inc.	Lab Job No.:	BL603113
Project:	Angeles Chemical Co.		
Project Site:	8915 Sorensen Ave., Santa Fe Springs, CA	Date Sampled:	03-24-2006
Matrix: Water		Date Received:	03-24-2006
Batch No.:	0331-BNA	Date Analyzed:	04-04-2006

Modified EPA 8270C (1,4-Dioxane by GC/MS)
Reporting Units: µg/L (ppb)

Sample ID	Lab ID	1,4-Dioxane	Method Detection Limit	PQL
Method Blank		ND	2	3.0
MW-8	BL603113-1	47.4	2	3.0
MW-12	BL603113-5	ND	2	3.0
MW-13	BL603113-6	2.5	2	3.0
MW-14	BL603113-7	38.7	2	3.0
MW-15	BL603113-8	17.6	2	3.0
MW-17	BL603113-10	ND	2	3.0
MW-20	BL603113-11	2.5	2	3.0

ND: Not Detected (at the specified limit)

Client: Clean Soils Inc.
Date Reported: 04-05-2006
Project:Angeles Chemical Co.

Lab Job No.: BL603113
Date Sampled: 03-24-2006
Matrix: Water

EPA 8260B (VOCs by GC/MS, Page 1 of 2)

Reporting Unit: ppb

DATE ANALYZED			03-27	03-27-06	03-27-06			03-27-06	03-27-06
DILUTION FACTOR				200	20	200	200	1	1
LAB SAMPLE I.D.				BL603113-1	BL603113-2	BL603113-3	BL603113-4	BL603113-5	BL603113-6
CLIENT SAMPLE I.D.				MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
COMPOUND	**MDL**	**PQL**	**MB**						
Dichlorodifluoromethane	2	5	ND	ND	ND	ND	ND	ND	ND
Chloromethane	2	5	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1	2	ND	1,410	271	834	2,270	1.0J	ND
Bromomethane	2	5	ND	ND	ND	ND	ND	ND	ND
Chloroethane	2	5	ND	ND	ND	672J	1,350	ND	ND
Trichlorofluoromethane	2	5	ND	ND	ND	ND	ND	ND	13.8
1,1-Dichloroethene	2	5	ND	490J	2,090*	524J	956J	ND	65.8
Iodomethane	2	5	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	2	5	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	2	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1	2	ND	25,700	2,130	26,000	41,300	1.5J	4.9J
2,2-Dichloropropane	2	5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	2	5	ND	2,030	524	1,900	12,800	ND	12.7
Bromochloromethane	2	5	ND	ND	ND	ND	ND	ND	ND
Chloroform	2	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	2	5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	2	5	ND	ND	ND	420J	ND	ND	ND
Carbon tetrachloride	2	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	2	5	ND	ND	ND	ND	ND	ND	ND
Benzene	1	1	ND	244	44.2	ND	354	ND	ND
Trichloroethene	2	2	ND	ND	76.0J	ND	ND	1.2J	92.7
1,2-Dichloropropane	2	5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	2	5	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	2	5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	2	5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	2	5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	2	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	2	5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	2	5	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	2	5	ND	ND	ND	ND	ND	ND	ND
Bromoform	2	5	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	2	5	ND	ND	ND	ND	ND	2.6	ND
Bromobenzene	2	5	ND	ND	ND	ND	ND	ND	ND

Client: Clean Soils Inc.
Date Reported: 04-05-2006
Project: Angeles Chemical Co.

Lab Job No.: BL603113
Date Sampled: 03-24-2006
Matrix: Water

EPA 8260B (VOCs by GC/MS, Page 2 of 2)

Reporting Unit: (ppb)

COMPOUND	MDL	PQL	MB	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
Toluene	1	1	ND	3,740	ND	11,200	4,400	ND	ND
Tetrachloroethene	2	2	ND	ND	120	ND	ND	5.5	125
1,2-Dibromoethane(EDB)	2	5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	2	5	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	1	ND	1,320	ND	1,510	714	ND	ND
Total Xylenes	2	2	ND	4,690	ND	6,080	2,220	ND	ND
Styrene	2	5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	2	5	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	2	5	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	2	5	ND	ND	ND	ND	598J	5.8	ND
2-Chlorotoluene	2	5	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	2	5	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2	5	ND	664J	ND	518J	368J	ND	ND
Tert-Butylbenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	2	5	ND	2,600	ND	2,140	1,030	12.4	ND
Sec-Butylbenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	2	5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	2	5	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	2	5	ND	ND	ND	ND	ND	ND	ND
Naphthalene	2	5	ND	ND	ND	142J	ND	ND	ND
1,2,3-Trichlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
Acetone	5	25	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	5	25	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	5	25	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	5	25	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	5	25	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	5	25	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	50	100	ND	ND	6,950	ND	ND	ND	ND
MTBE	2	2	ND	ND	ND	ND	ND	ND	ND
ETBE	2	2	ND	ND	ND	ND	ND	ND	ND
DIPE	2	2	ND	ND	ND	ND	ND	ND	ND
TAME	2	2	ND	ND	ND	ND	ND	ND	ND
T-Butyl Alcohol	10	10	ND	ND	ND	ND	ND	ND	ND

* Obtained from a higher dilution analysis.

MDL= Method Detection Limit; PQL= Practical Quantitation Limit; MB= Method Blank; ND= Not Detected (below DF × MDL), i= trace concentration.

Client: Clean Soils Inc.
Date Reported: 04-05-2006
Project: Angeles Chemical Co.

Lab Job No.: BL603113
Date Sampled: 03-24-2006
Matrix: Water

EPA 8260B (VOCs by GC/MS, Page 1 of 2)
Reporting Unit: ppb

DATE ANALYZED			03-27	03-27-06	03-27-06	03-27-06	03-27-06
DILUTION FACTOR			1	2	20	1	1
LAB SAMPLE I.D.			BL603113-7	BL603113-8	BL603113-9	BL603113-10	BL603113-11
CLIENT SAMPLE I.D.			MW-14	MW-15	MW-16	MW-17	MW-20
COMPOUND	**MDL**	PQL					
Dichlorodifluoromethane	2	5	ND	ND	ND	ND	ND
Chloromethane	2	5	ND	ND	ND	ND	ND
Vinyl Chloride	1	2	1.5J	23.7	562	ND	ND
Bromomethane	2	5	ND	ND	ND	ND	ND
Chloroethane	2	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	2	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	2	5	46.9	120	2,380	21.7	62.2
Iodomethane	2	5	ND	ND	ND	ND	ND
Methylene Chloride	2	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	2	5	ND	ND	ND	ND	ND
1,1-Dichloroethane	1	2	7.9	50.3	3,390*	ND	3.6J
2,2-Dichloropropane	2	5	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	2	5	8.4	137	4,470*	3.4J	3.7J
Bromochloromethane	2	5	ND	ND	ND	ND	ND
Chloroform	2	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	2	5	ND	ND	14.0J	ND	ND
1,1,1-Trichloroethane	2	5	ND	ND	50.0J	ND	3.2J
Carbon tetrachloride	2	5	ND	ND	ND	ND	ND
1,1-Dichloropropene	2	5	ND	ND	ND	ND	ND
Benzene	1	1	ND	1.6J	176	ND	ND
Trichloroethene	2	2	13.7	28.6	162	6.7	13.8
1,2-Dichloropropane	2	5	ND	ND	ND	ND	ND
Bromodichloromethane	2	5	ND	ND	ND	ND	ND
Dibromomethane	2	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	2	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	2	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	2	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	2	5	ND	ND	ND	ND	ND
Dibromochloromethane	2	5	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	2	5	ND	ND	ND	ND	ND
Bromoform	2	5	ND	ND	ND	ND	ND
Isopropylbenzene	2	5	ND	ND	ND	ND	ND
Bromobenzene	2	5	ND	ND	ND	ND	ND

Client: Clean Soils Inc.
Date Reported: 04-05-2006
Project: Angeles Chemical Co.

Lab Job No.: BL603113
Date Sampled: 03-24-2006
Matrix: Water

EPA 8260B (VOCs by GC/MS, Page 2 of 2)

Reporting Unit: (ppb)

COMPOUND	MDL	PQL	MW-14	MW-15	MW-16	MW-17	MW-20
Toluene	1	1	ND	7.4	ND	ND	ND
Tetrachloroethene	2	2	70.2	87.5	115	40.9	88.6
1,2-Dibromoethane(EDB)	2	5	ND	ND	ND	ND	ND
Chlorobenzene	2	5	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	2	5	ND	ND	ND	ND	ND
Ethylbenzene	1	1	ND	ND	219	ND	ND
Total Xylenes	2	2	ND	3.2J	157	ND	ND
Styrene	2	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	2	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	2	5	ND	ND	ND	ND	ND
n-Propylbenzene	2	5	ND	ND	27.8J	ND	ND
2-Chlorotoluene	2	5	ND	ND	ND	ND	ND
4-Chlorotoluene	2	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2	5	ND	ND	21.8J	ND	ND
tert-Butylbenzene	2	5	ND	ND	32.0J	ND	ND
1,2,4-Trimethylbenzene	2	5	ND	1.2J	968	ND	ND
Sec-Butylbenzene	2	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	2	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	5	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	2	5	ND	ND	ND	ND	ND
n-Butylbenzene	2	5	ND	ND	50.8J	ND	ND
1,2,4-Trichlorobenzene	2	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	2	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	2	5	ND	ND	ND	ND	ND
Naphthalene	2	5	ND	ND	226	ND	ND
1,2,3-Trichlorobenzene	2	5	ND	ND	ND	ND	ND
Acetone	5	25	ND	ND	ND	ND	ND
2-Butanone (MEK)	5	25	ND	ND	ND	ND	ND
Carbon disulfide	5	25	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	5	25	ND	ND	ND	ND	ND
2-Hexanone	5	25	ND	ND	ND	ND	ND
Vinyl Acetate	5	25	ND	ND	ND	ND	ND
1,4-Dioxane	50	100	ND	ND	4,120	ND	ND
MTBE	2	2	ND	ND	ND	ND	ND
ETBE	2	2	ND	ND	ND	ND	ND
DIPE	2	2	ND	ND	ND	ND	ND
TAME	2	2	ND	ND	ND	ND	ND
T-Butyl Alcohol	10	10	ND	ND	ND	ND	ND

MDL= Method Detection Limit; PQL= Practical Quantitation Limit; MB= Method Blank; ND= Not Detected (below DF * MDL), j= trace concentration.

Client: Clean Soils Inc.
Date Reported: 04-05-2006
Project: Angeles Chemical Co.

Lab Job No.: BL603113
Date Sampled: 03-24-2006
Matrix: Water

EPA 8260B (VOCs by GC/MS, Page 1 of 2)

Reporting Unit: ppb

DATE ANALYZED			03-27	03-27-06	03-27-06	03-27-06	03-27-06	03-27-06	
DILUTION FACTOR			20	1	1	100	1	200	1
LAB SAMPLE I.D.			BL603113-12	BL603113-13	BL603113-14	BL603113-15	BL603113-16	BL603113-17	BL603113-18
CLIENT SAMPLE I.D.			MW-22	MW-23	MW-24	MW-26	EB-1	DB-1	TB-1
COMPOUND	**MDL**	**PQL**							
Dichlorodifluoromethane	2	5	ND	ND	ND	ND	ND	ND	ND
Chloromethane	2	5	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1	2	230	ND	ND	ND	ND	2,170	ND
Bromomethane	2	5	ND	ND	ND	ND	ND	ND	ND
Chloroethane	2	5	ND	ND	ND	ND	ND	1,340	ND
Trichlorofluoromethane	2	5	ND	ND	7.3	119J	ND	ND	ND
1,1-Dichloroethene	2	5	77.0J	21.3	56.6	9,050	ND	922	ND
Iodomethane	2	5	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	2	5	ND	ND	ND	5,960	ND	ND	ND
trans-1,2-Dichloroethene	2	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1	2	1,060	ND	7.2	1,850	ND	40,500	ND
2,2-Dichloropropane	2	5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	2	5	2,250	6.2	16.5	9,920	ND	12,900	ND
Bromochloromethane	2	5	ND	ND	ND	ND	ND	ND	ND
Chloroform	2	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	2	5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	2	5	ND	ND	ND	3,890	ND	ND	ND
Carbon tetrachloride	2	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	2	5	ND	ND	ND	ND	ND	ND	ND
Benzene	1	1	ND	ND	ND	132	ND	292	ND
Trichloroethene	2	2	ND	31.9	50.4	2,800	ND	ND	ND
1,2-Dichloropropane	2	5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	2	5	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	2	5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	2	5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	2	5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	2	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	2	5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	2	5	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	2	5	ND	ND	ND	ND	ND	ND	ND
Bromoform	2	5	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	2	5	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	2	5	ND	ND	ND	ND	ND	ND	ND

Client: Clean Soils Inc.
Date Reported: 04-05-2006
Project: Angeles Chemical Co.

Lab Job No.: BL603113
Date Sampled: 03-24-2006
Matrix: Water

EPA 8260B (VOCs by GC/MS, Page 2 of 2)

Reporting Unit: (ppb)

COMPOUND	MDL	PQL	MW-22	MW-23	MW-24	MW-26	EB-1	DB-1	TB-1
Toluene	1	1	ND	ND	ND	12,500	ND	4,220	ND
Tetrachloroethene	2	2	ND	139	86.7	1,970	ND	ND	ND
1,2-Dibromoethane(EDB)	2	5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	2	5	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	1	ND	ND	ND	1,670	ND	774	ND
Total Xylenes	2	2	ND	ND	ND	5,970	ND	2,150	ND
Styrene	2	5	ND	ND	ND	4,230	ND	ND	ND
1,1,2,2-Tetrachloroethane	2	5	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	2	5	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	2	5	ND	ND	ND	261J	ND	ND	ND
2-Chlorotoluene	2	5	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	2	5	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2	5	ND	ND	ND	ND	ND	302J	ND
tert-Butylbenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	2	5	ND	ND	ND	492J	ND	974J	ND
Sec-Butylbenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	2	5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	2	5	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	2	5	ND	ND	ND	ND	ND	ND	ND
Naphthalene	2	5	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	2	5	ND	ND	ND	ND	ND	ND	ND
Acetone	5	25	ND	ND	ND	6,870	ND	ND	ND
2-Butanone (MEK)	5	25	ND	ND	ND	781J	ND	ND	ND
Carbon disulfide	5	25	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	5	25	ND	ND	ND	686J	ND	ND	ND
2-Hexanone	5	25	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	5	25	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	50	100	ND	ND	ND	ND	ND	ND	ND
MTBE	2	2	ND	ND	ND	ND	ND	ND	ND
ETBE	2	2	ND	ND	ND	ND	ND	ND	ND
DIPE	2	2	ND	ND	ND	ND	ND	ND	ND
TAME	2	2	ND	ND	ND	ND	ND	ND	ND
T-Butyl Alcohol	10	10	ND	ND	ND	ND	ND	ND	ND

MDL= Method Detection Limit; PQL= Practical Quantitation Limit; MB= Method Blank; ND= Not Detected (below DF × MDL), j= trace concentration.

Client: Clean Soils Inc.
Date Reported: 04-05-2006
Project: Angeles Chemical Co.

Lab Job No.: BL603113
Date Sampled: 03-24-2006
Matrix: Water

EPA 8260B (VOCs by GC/MS, Page 1 of 2)

Reporting Unit: ppb

DATE ANALYZED			03-27-06						
DILUTION FACTOR			1						
LAB SAMPLE I.D.			BL603113 -19						
CLIENT SAMPLE I.D.			EB-2						
COMPOUND	**MDL**	PQL							
Dichlorodifluoromethane	2	5	ND						
Chloromethane	2	5	ND						
Vinyl Chloride	1	2	ND						
Bromomethane	2	5	ND						
Chloroethane	2	5	ND						
Trichlorofluoromethane	2	5	ND						
1,1-Dichloroethene	2	5	ND						
Iodomethane	2	5	ND						
Methylene Chloride	2	5	ND						
trans-1,2-Dichloroethene	2	5	ND						
1,1-Dichloroethane	1	2	ND						
2,2-Dichloropropane	2	5	ND						
cis-1,2-Dichloroethene	2	5	ND						
Bromochloromethane	2	5	ND						
Chloroform	2	5	ND						
1,2-Dichloroethane	2	5	ND						
1,1,1-Trichloroethane	2	5	ND						
Carbon tetrachloride	2	5	ND						
1,1-Dichloropropene	2	5	ND						
Benzene	1	1	ND						
Trichloroethene	2	2	ND						
1,2-Dichloropropane	2	5	ND						
Bromodichloromethane	2	5	ND						
Dibromomethane	2	5	ND						
trans-1,3-Dichloropropene	2	5	ND						
cis-1,3-Dichloropropene	2	5	ND						
1,1,2-Trichloroethane	2	5	ND						
1,3-Dichloropropane	2	5	ND						
Dibromochloromethane	2	5	ND						
2-Chloroethylvinyl ether	2	5	ND						
Bromoform	2	5	ND						
Isopropylbenzene	2	5	ND						
Bromobenzene	2	5	ND						

Client: Clean Soils Inc.
Date Reported: 04-05-2006
Project: Angeles Chemical Co.

Lab Job No.: BL603113
Date Sampled: 03-24-2006
Matrix: Water

EPA 8260B (VOCs by GC/MS, Page 2 of 2)

Reporting Unit: (ppb)

COMPOUND	MDL	PQL	EB-2						
Toluene	1	1	ND						
Tetrachloroethene	2	2	ND						
1,2-Dibromoethane(EDB)	2	5	ND						
Chlorobenzene	2	5	ND						
1,1,1,2-Tetrachloroethane	2	5	ND						
Ethylbenzene	1	1	ND						
Total Xylenes	2	2	ND						
Styrene	2	5	ND						
1,1,2,2-Tetrachloroethane	2	5	ND						
1,2,3-Trichloropropane	2	5	ND						
n-Propylbenzene	2	5	ND						
2-Chlorotoluene	2	5	ND						
4-Chlorotoluene	2	5	ND						
1,3,5-Trimethylbenzene	2	5	ND						
tert-Butylbenzene	2	5	ND						
1,2,4-Trimethylbenzene	2	5	ND						
Sec-Butylbenzene	2	5	ND						
1,3-Dichlorobenzene	2	5	ND						
p-Isopropyltoluene	2	5	ND						
1,4-Dichlorobenzene	2	5	ND						
1,2-Dichlorobenzene	2	5	ND						
n-Butylbenzene	2	5	ND						
1,2,4-Trichlorobenzene	2	5	ND						
1,2-Dibromo-3-Chloropropane	2	5	ND						
Hexachlorobutadiene	2	5	ND						
Naphthalene	2	5	ND						
1,2,3-Trichlorobenzene	2	5	ND						
Acetone	5	25	ND						
2-Butanone (MEK)	5	25	ND						
Carbon disulfide	5	25	ND						
4-Methyl-2-pentanone	5	25	ND						
2-Hexanone	5	25	ND						
Vinyl Acetate	5	25	ND						
1,4-Dioxane	50	100	ND						
MTBE	2	2	ND						
ETBE	2	2	ND						
DIPE	2	2	ND						
TAME	2	2	ND						
T-Butyl Alcohol	10	10	ND						

MDL= Method Detection Limit; PQL= Practical Quantitation Limit; MB= Method Blank; ND= Not Detected (below DF × MDL), j= trace concentration.

04-05-2006

EPA 8015M

Batch QA/QC Report

Client: Clean Soils Inc.
Project: Angeles Chemical Co.
Matrix: Water
Batch No: BMC27-GW1

Lab Job No.: BL603113

Lab Sample ID: AI603107-1
Date Analyzed: 03-27-2006

I. MS/MSD Report

Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-g	ND	1,000	1,040	1,020	104.0	102.0	1.9	30	70-130

II. LCS Result

Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	Accept. Limit
TPH-g	873	1,000	87.3	80-120

ND: Not Detected (at the specified limit)

04-05-2006

Modified EPA 8270C (1,4-Dioxane by GC/MS)

Batch QA/QC Report

Client:	Clean Soils Inc.	Lab Job No.:	BL603113
Project:	Angeles Chemical Co.		
Matrix:	Water	Lab Sample ID:	SS0331-1
Batch No.:	0331-BNA	Date Analyzed:	04-04-2006

LCS/LCSD Result

Unit: ppb

Analyte	Sample Conc.	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,4-Dioxane	ND	10.0	9.4	7.0	94.0	70.0	29.3	30	70-130

ND:Not Detected

04-05-2006

EPA 8260B

Batch QA/QC Report

Client: Clean Soils Inc.
Project: Angeles Chemical Co.
Matrix: Water
Batch No: 0327-VOBW1

Lab Job No.: BL603113
Lab Sample ID: AI603107-1
Date Analyzed: 03-27-2006

I. MS/MSD Report

Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	18.2	17.8	91.0	89.0	2.2	30	70-130
Benzene	ND	20	17.3	15.9	86.5	79.5	8.4	30	70-130
Trichloro-ethene	ND	20	17.2	17.5	86.0	87.5	1.7	30	70-130
Toluene	ND	20	19.4	18.8	97.0	94.0	3.1	30	70-130
Chlorobenzene	ND	20	16.3	17.6	81.5	88.0	7.7	30	70-130

II. LCS Result

Unit: ppb

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
1,1-Dichloroethene	42.2	50.0	84.4	80-120
Benzene	40.8	50.0	81.6	80-120
Trichloro-ethene	44.2	50.0	88.4	80-120
Toluene	45.3	50.0	90.6	80-120
Chlorobenzene	40.7	50.0	81.4	80-120

ND: Not Detected (at the specified limit)

04-05-2006

Ethylene by GC/FID
Batch QA/QC Report

Client:	Clean Soils Inc.	Lab Job No.:	BL603113
Project:	Angeles Chemical Co.		
Matrix:	Water	Lab Sample ID:	BL603113-1
Batch No.:	FC27E	Date Analyzed: 03-27-2006	

I. Sample/Sample Dup Report

Reporting Units: µg/L

Analyte	MB	Sample Conc.	Sample Duplicate	% RPD	%RPD Accept. Limit
Ethylene	ND	151	176	15.3	30

II. LCS Result

Reporting Units: µg/L

Analyte	LCS Report Value	True Value	Rec.%	Accept. Limi
Ethylene	4.810	4.170	115.4	80-120

ND: Not Detected.

04-10-2006

Client:	Clean Soils Inc.	Lab Job No.:	BL603113
Project:	Angeles Chemical Co.		
Project Site:	8915 Sorensen Ave., Santa Fe Springs, CA	Date Sampled:	03-24-2006
Matrix:	Water	Date Received:	03-27-2006
		Date Reported:	04-10-2006

Analytical Test Results

Analyte	EPA Method	Date Analyzed	Unit	MW-8	MW-12	MW-13	MW-14	MW-15	Reporting Limit
				BL603113-1	BL603113-5	BL603113-6	BL603113-7	BL603113-8	
Total Iron	6010B	04-10-06	mg/L	6.01	1.05	ND	ND	ND	0.1
Manganese	6010B	04-10-06	mg/L	2.89	2.39	ND	0.06	0.44	0.05
Ferrous Iron	Colori-metry	03-29-06	mg/L	1.10	0.53	ND	ND	ND	0.05

Analyte	EPA Method	Date Analyzed	Unit	MW-17	MW-20				Reporting Limit
				BL603113-10	BL603113-11				
Total Iron	6010B	04-10-06	mg/L	ND	ND				0.1
Manganese	6010B	04-10-06	mg/L	ND	0.05				0.05
Ferrous Iron	Colori-metry	03-29-06	mg/L	ND	ND				0.05

ND: Not Detected (at the specified limit).

04-10-2006

EPA 6010B for Metals

Batch QA/QC Report

Client: Clean Soils Inc.
Project: Angeles Chemical Co.
Project Site: 8915 Sorensen Ave., Santa Fe Springs, CA
Batch No.: 0410-MS1

Lab Job No.: BL603113
Lab Sample ID: LCS
Date Analyzed: 04-10-2006

LCS/LCSD Report

Analyte	MB Conc.	LCS %Rec.	LCSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Total Iron	ND	11.0	10.9	0.9	30	70-130
Manganese	ND	9.9	10.2	3.0	30	70-130

ND: Not Detected