



2455 South Rd.
Poughkeepsie, NY 12601

March 31, 2003

RECEIVED

MAR 31 2003

Mr. Dale A. Desnoyers
Director, Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7011

Re: Transmittal of 2002 Annual Report
Building 952/982 Site
Inactive Hazardous Waste Disposal Site ID Number 314076

Dear Mr. Desnoyers:

In accordance with Section 3.4 of the proposed Operation and Maintenance (O&M) Plan for the referenced site dated February 24, 1994, IBM is submitting the attached annual report for the 2002 calendar year. This report presents the results of groundwater extraction and treatment operations at this site, as well as ongoing groundwater monitoring.

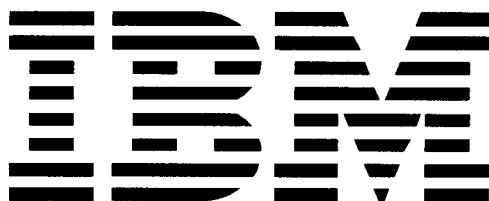
Please note that no confirmed detections of constituents of concern above the New York State Groundwater Quality Standard occurred in any of the perimeter monitoring wells. Therefore, no contingencies have been activated with respect to increased frequency of monitoring at any of these wells, in accordance with section 3.5 of the proposed O&M Plan, as revised.

After you have had an opportunity to review this annual report, should you or your staff have any questions or comments, please call Steve Brannen at (845) 433-1509.

Sincerely,
International Business Machines Corporation


Joseph D. Ferri
Manager, Environmental Programs

JF:db
cc w/ atts: ✓ Jim Schreyer, NYSDEC Region 3
w/o atts: Gerald Rider, NYSDEC Albany
Ronald Lee, NYSDEC Albany
Dan Eaton, NYSDEC Albany



Hudson Valley, New York

**2002 ANNUAL GROUNDWATER MONITORING REPORT
FOR THE GROUNDWATER COLLECTION AND TREATMENT SYSTEM
FORMER IBM BUILDING 952 AND BUILDING 982 LEASED PROPERTY**

Prepared for:

**IBM Hudson Valley
Poughkeepsie, New York**

March 31, 2003

Prepared by:

Groundwater Sciences Corporation

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1 INTRODUCTION

This report has been prepared by Groundwater Sciences Corporation (GSC) for International Business Machines Corporation, Poughkeepsie, New York (IBM). This report satisfies the reporting elements specified in the proposed *Operations and Maintenance Plan for the Groundwater Collection and Treatment System at the IBM Building 952 and 982 Leased Property*, dated February 24, 1994 (O&M manual). Since the transmittal of that plan to New York State Department of Environmental Conservation (NYSDEC), IBM has terminated its lease on the property addressed in that report; however, IBM continues to operate and maintain the groundwater collection and treatment system at the Former IBM Building 952 (B952) and Former IBM Building 982 (B982) site as prescribed in the O&M manual (February 24, 1994).

1.1 Background

As shown on Figure 1-1, the Former B952/982 site is located in the Town of Poughkeepsie, New York, with frontage on both South Road and Neptune Drive. Improvements on the site include primarily the two buildings formerly referred to by IBM as B952 and B982. These two buildings are joined by an enclosed walkway. The remainder of the site is predominantly paved surface with the exception of the portion of the site between the two buildings and the contiguous area north of Former B982. This portion of the site is unpaved, graded fill. Surface drainage in this unpaved area is primarily interior to a line of dry wells located as shown on Figure 1-2.

1.2 Site History

IBM first occupied the Former B952/982 site in the mid-1950s. Historically the site was used primarily for manufacturing and parts cleaning. Prior to IBM vacating this site, operations in these two buildings included salvage from mainframe computers and ancillary equipment.

Historically, various halogenated solvents and Sovasol were used on site as part of the various ongoing operations. It is the use of these organic compounds that is believed to have led to the occurrence of organic compounds in the soil and groundwater beneath this site.

In the early 1980s, IBM began to investigate possible releases to the subsurface at the Former B952/982 site. This investigation led to the installation and sampling of soil borings and groundwater monitoring wells. Based on the results of these soil and groundwater investigations, a remedial action was implemented to remove soil from the area between Former B952 and Former B982. This remedial action complied with soil cleanup criteria specified by NYSDEC. Excavation (supervised by NYSDEC) began in August 1984 and proceeded through November 1984. Results of these activities have been previously submitted to NYSDEC.

Since the 1984 remedial action, IBM has conducted other activities which include: post-remedial monitoring of groundwater both on-site and off-site; resampling of soils beneath Former B952; installation and sampling of four additional monitoring wells; and design and implementation of a groundwater collection and treatment system. The results of these additional activities and investigations have also been previously submitted to NYSDEC.

In accordance with the O&M plan, IBM is currently operating and maintaining an on-site groundwater collection and treatment system. Based on the five year statistical analysis of chemical constituents detected in groundwater and the history of detections at this site, a minor modification to the groundwater sampling and analysis plan presented in the O&M plan was proposed by IBM. Trend analyses indicated chlorinated benzene concentrations were decreasing in the source area and these compounds were not detected in the downgradient wells at concentrations that exceed the New York State Groundwater Quality Standard. With the exception of the groundwater extraction well, which would continue to be monitored at the current monthly frequency, IBM proposed a decreased monitoring frequency of all monitoring wells from quarterly to twice annually. NYSDEC found this proposal acceptable (correspondence from NYSDEC to IBM Corporation, November 17, 1999) and beginning with the year 2000 the new sampling and analysis plan was implemented. This approved groundwater SAP, therefore, includes the collection and analysis of monthly samples from the groundwater extraction well and semiannual samples from each of monitoring wells shown on Figure 1-1.

1.3 Purpose, Scope and Organization

The purpose of this report is to comply with the reporting elements described in Section 3.4 of the O&M manual. These reporting elements will be addressed in subsequent sections of this report and include databases, spreadsheets, tables, figures and graphs necessary to describe the progress of the remedial activity during the 2002 calendar year. This report also includes a discussion of the effectiveness of the groundwater extraction system and the groundwater treatment system.

The remainder of this report is organized into three sections. Section 2 presents the annual report and effectiveness evaluation for groundwater collection and treatment at extraction well 952-30R. Section 3 presents the results of the remedial action monitoring and Section 4 presents recommendations for the current approved monitoring plan.

2 GROUNDWATER COLLECTION AND TREATMENT

The following subsections present various data relating to the groundwater collection and treatment system installed at the site. The first subsection discusses groundwater extraction and chemistry data for the previous calendar year. The second presents an evaluation of the treatment system effectiveness. The last subsection presents an assessment of the effectiveness of the groundwater collection system in removing and controlling the chlorinated benzenes in groundwater beneath the site during calendar year 2002.

2.1 Extraction Well 952-30R Operation Summary

The groundwater extraction system at this site consists of one groundwater extraction well, 952-30R, which began long-term operation on December 1, 1993. Daily operating data for 952-30R for the annual period beginning January 1, 2002 and ending December 31, 2002 is presented in Table A-1 of Appendix A. Table A-1 includes the daily totalizer reading, cumulative discharge volume (gallons), calculated average flow rate expressed in gallons per minute (gpm) and instantaneous flow rate (if measured). This table also includes a record of pressure gauge readings.

Figure 2-1 is a plot of cumulative gallons pumped versus time from long-term startup in December 1993 through the end of December 2002. As shown in this figure, although there are a few inflections in the data, there has been a reasonably steady increase in cumulative gallons pumped from this system since system startup. Generally, the variations in the rate of increase in the cumulative gallons pumped may be related to seasonal and storm related variations in recharge that could be expected in this area. On the basis of the long-term test performed at this well during October 1993, it was anticipated that the conservatively high average yield of this well would be on the order of 4 to 5 gpm. As can be calculated from the data presented in Table A-1 found in Appendix A, the average pumping rate for the duration of pumping is approximately 2.6 gpm.

As indicated in Table A-1 of Appendix A, the operating information shows that occasionally it is necessary to change the suspended solids filters due to a buildup of pressure upstream from these filters. If these filters were not changed there would be a reduction in the pumping rate from the extraction well. As per the O&M manual, the necessary observation and recording of pressure readings from the

various gauges installed in the treatment stream has been performed, and these filters have been changed to prevent a reduction in the flow rate from pressure buildup in the suspended solids filters.

On several occasions (see Table A-1, Appendix A), throughout this annual period, the system was shutdown for various reasons including routine filter replacement. None of these shutdowns were for a duration of more than two days.

The chemistry of groundwater extracted from 952-30R is presented as time versus concentration graphs on Figures 2-2 through 2-4. The full chemistry database printout for the extracted groundwater is published in Appendix B. Figure 2-2 shows the time versus concentration graph for the chlorinated benzenes: including the three isomers of dichlorobenzene (1,2-dichlorobenzene (12-DCBZ); 1,3-dichlorobenzene (13-DCBZ) and; 1,4-dichlorobenzene (14-DCBZ)), 1,2,4-trichlorobenzene (124-TCBZ) and chlorobenzene (CBZ), beginning with the initial characterization sampling which occurred during October 1993, through the pumping tests and into long-term operation. As can be seen from this graph, there has been a significant decrease in the concentrations of chlorinated benzenes in extraction well 952-30R.

Figures 2-3 and 2-4 show the time versus concentration graphs for the ethane-series and ethene-series compounds, respectively. As can be seen from these graphs, there is a large variability in the concentrations for these compounds since the collection and treatment system was installed. However, the concentrations of all these constituents are relatively low, with no individual result exceeding 14 µg/l over the time period monitored.

2.2 Treatment System Effectiveness Evaluation

The treatment system was designed to remove suspended solids and also remove organic compounds through a step-wise treatment process. The initial system start-up data suggested that most of the solids removal occurs in the initial bag filter, which removes solids greater than 50 microns and that some additional removal occurs in the 5-micron filter. The start-up data also suggested suspended solids associated with colloidal-size particles less than 5 microns pass through the final bag filter, and even the carbon units.

A summary printout containing treatment system effectiveness evaluation data (both influent and effluent) is presented in Appendix B. On the basis of these results of influent and effluent chemistry, it is apparent that the carbon filters are very effective in removing the organic constituents to levels that are not detectable at 1 ug/l. The effluent results are well within the discharge limits established for the Publicly Owned Treatment Works (POTW) and, therefore, no adjustments or improvements in the organic removal treatment units is required.

2.3 Extraction Well 952-30R Effectiveness Evaluation

The effectiveness of groundwater extraction well 952-30R can be measured in two ways: a) the hydraulic effectiveness of groundwater extraction in containing the area of elevated chemical concentrations in groundwater and; b) the effectiveness of this system in eventually reducing the measured groundwater concentrations in the area of elevated concentrations. The following two subsections address these measures of effectiveness of the groundwater extraction system currently in use at this site.

2.3.1 Hydraulic Effectiveness

The hydraulic effectiveness of this groundwater extraction system was previously demonstrated by the results of the long-term pumping test performed in October 1993. To confirm that this level of effectiveness has not been diminished, static water levels are measured at each monitoring well in the monitoring network each quarter. These static water levels have been converted to groundwater elevation readings. Table C-1 of Appendix C summarizes the quarterly water level data for 2002. Appendix C also contains time versus groundwater elevation graphs for each of the monitoring wells on this site, including the pumping well 952-30R. Figures 2-5 through 2-8 are plan view drawings of the site showing the groundwater elevation readings in the pumping well, 952-30R, and at each of the groundwater monitoring wells on the site for the first through fourth quarters 2002, respectively. Based on the data posted for each of the quarters, it is possible to see that drawdown effects are observed in the monitoring wells 952-10RA and 952-31R, which are also wells where the elevated organic chemical concentrations have been observed. These data suggest that the pumping well exerts a hydraulic control on the area within which elevated concentrations occur, and prevents transport of chlorinated benzenes to the downgradient perimeter.

2.3.2 Long-Term Reduction in Concentrations

Mass removal was calculated for the period of January 1, 2002 through December 31, 2002. Approximately 0.10 pounds of volatile organic compounds were removed by groundwater extraction well 952-30R. During the previous annual period, 1.36 million gallons of water was extracted and treated.

Visual inspection of time versus concentration graphs for monitoring well 952-10RA, a well in which DCBZ concentrations have been the highest and most persistent, shows DCBZ concentrations have declined since pumping began at 952-30R. Figure 2-8 is a time versus concentration plot for chlorinated benzenes detected in this well historically. As can be seen by this figure, prior to pumping, concentrations at this location were higher and since pumping at 952-30R began, peak dichlorobenzene concentrations have been decreasing.

As noted in the previous section, 952-30R exerts hydraulic control on wells within the source area (952-10RA and 952-31R) that have shown the most persistent concentrations.

3 REMEDIAL ACTION MONITORING

The following subsections discuss the results of the semiannual monitoring at the sixteen remedial action monitoring locations at the Former B952/982 site as shown on Figure 1-1.

3.1 Chemical Constituents in Groundwater

The principal constituents identified in groundwater at this site include the three isomers of dichlorobenzene: 12-DCBZ; 13-DCBZ and; 14-DCBZ. In addition to these three principal constituents, 124-TCBZ, several purgeable halogens and a few aromatic compounds have also been detected in groundwater at this site. The full chemistry database printout for the remedial action groundwater monitoring program together with its associated field quality assurance and quality control data is presented in Appendix D.

3.1.1 Spatial Variations

In order to easily examine the spatial distribution of the principal constituents in groundwater at this site, the average quarterly results for the indicator compound 12-DCBZ have been posted on Figure 3-1. Where there were multiple results within a particular day, one value was calculated for that date. Likewise, in the instance where there was more than one sample collected during a quarter, one value was calculated for the quarter. As can be seen from this figure, the wells in which elevated concentrations are observed include 952-10RA, 952-30R (groundwater extraction well) and 952-31R, in the area of the suspected release. It should be noted that no perimeter location detected 12-DCBZ (Figure 3-1) during the 2002 monitoring period.

3.1.2 Temporal Variations

In order to examine temporal variations in the concentrations of various constituents detected in groundwater at this site, time versus concentration plots were prepared and are presented in Appendix E. In the case where there were multiple results within a particular quarter due to duplicate and/or duplicate split-sample collection, or, if there were multiple sampling events, one value for the quarter was calculated. Duplicate and duplicate split-sample results were averaged to obtain one value for each sample round. In the case where a result is non-detect at some level (ex., not detect at 1), then

that result was assumed to be equal to zero for statistical purposes. Concentrations of chlorinated benzenes, TCE-series and TCA-series series compounds in wells on the perimeter are either not detectable or present at levels that do not exceed the NYSGQS.

Long-term trends of chlorinated benzenes detected in groundwater for the extraction well 952-30R and the two other wells within the source area (952-10RA and 952-31R) were determined for the previous 9-year monitoring period. These time versus concentration plots for the chlorinated benzenes were examined for increasing or decreasing trends that were visually apparent for these three wells. The results of more rigorous statistical trend analysis for these wells/constituents are summarized in Table 3-1. All trends analyses were performed on data collected for the period from January 1, 1994 through December 31, 2002. In analyzing these trends, only a confidence level of 90 percent or greater was assumed to confirm the presence of a trend. In addition, trend analyses were performed only on those parameters that exceed the NYSGQS.

In the source area both groundwater extraction well 952-30R and monitoring well 952-10RA show decreasing trends in concentrations for 12-DCBZ, 13-DCBZ and 14-DCBZ. In addition, 952-30R shows a decreasing trend in 124-TCBZ concentrations for the same period. Although samples collected from groundwater monitoring well 952-31R indicate increasing concentrations for 13-DCBZ over the full period of monitoring since pumping began, a review of the time versus concentration plot indicates that initially concentrations dropped two orders of magnitude, and through time has shown some periodicity to the data.

Well	Parameter	Trend	Since	Confidence	Z-Stat
952-30R	1,2-Dichlorobenzene	Decreasing	1Q94	95%	-5.59
	1,3-Dichlorobenzene	Decreasing	1Q94	95%	-4.92
	1,4-Dichlorobenzene	Decreasing	1Q94	95%	-5.85
	1,2,4-Trichlorobenzene	Decreasing	1Q94	95%	-2.81
952-10RA	1,2-Dichlorobenzene	Decreasing	1Q94	95%	-2.30
	1,3-Dichlorobenzene	Decreasing	1Q94	95%	-2.99
	1,4-Dichlorobenzene	Decreasing	1Q94	95%	-2.33
952-31R	1,2-Dichlorobenzene	Increasing	1Q94	Not Significant	
	1,3-Dichlorobenzene	Increasing	1Q94	Not Significant	
	1,4-Dichlorobenzene	Increasing	1Q94	Not Significant	

3.2 Comparison to Action Levels

As specified in the O&M manual, groundwater monitoring results for downgradient monitoring wells were compared with the NYSGQS for the following constituents: 12-DCBZ; 13-DCBZ; 14-DCBZ; CBZ; 124-TCBZ; bis-2 ethylhexyl phthalate; total phenols; 1,1-dichloroethane; 1,1-dichloroethene; 1,1,1-trichloroethane; total 1,2-dichloroethylene; tetrachloroethene; trichloroethene and chloroform (TCM). None of these compounds were detected above the NYSGQS during 2002 sampling.

4 CONCLUSIONS AND RECOMMENDATIONS

The following sections present conclusions and recommendations for the operation and maintenance of the groundwater collection and treatment system in use at the Former IBM Buildings 952 and 982 site.

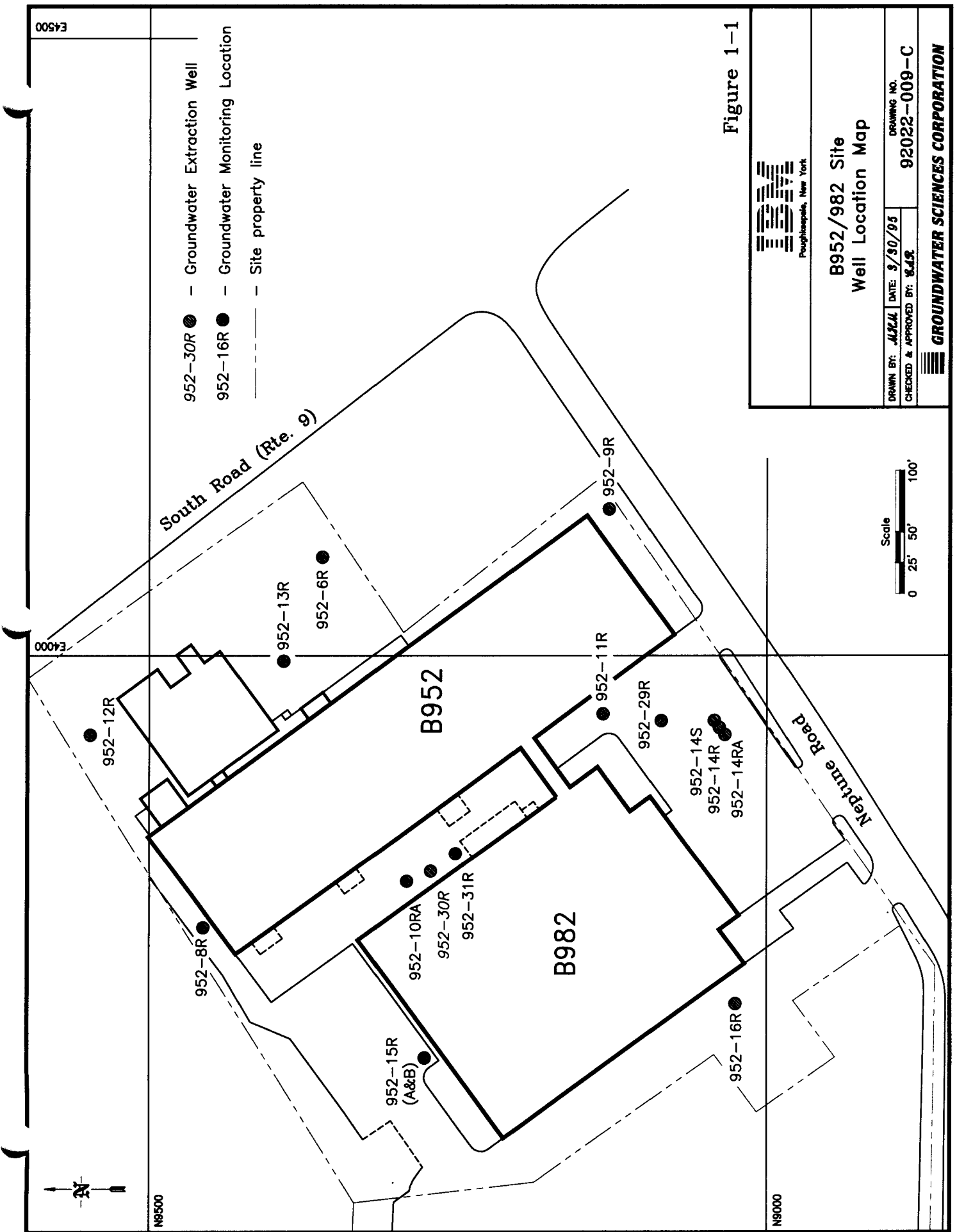
4.1 Treatment System Effectiveness



The final effluent results from the treatment system are well within the discharge limits established for the Publicly Owned Treatment Works (POTW) and, therefore, no adjustments or improvements in the organic removal treatment units is required.

4.2 Groundwater Sampling and Analysis Plan

Based on the 9 year trend analysis of groundwater concentrations of chlorinated benzene within the source area and the history of detections at this site, no modifications to the groundwater sampling and analysis plan are proposed.

Figures



 Poughkeepsie, New York		B952/982 Site Well Location Map	
		DRAWN BY: <i>JAZ</i> DATE: 3/30/95 CHECKED & APPROVED BY: <i>S.J.R.</i>	DRAWING NO. 92022-009-C
 GROUNDWATER SCIENCES CORPORATION			

E4500

E4000

N8500

N8000

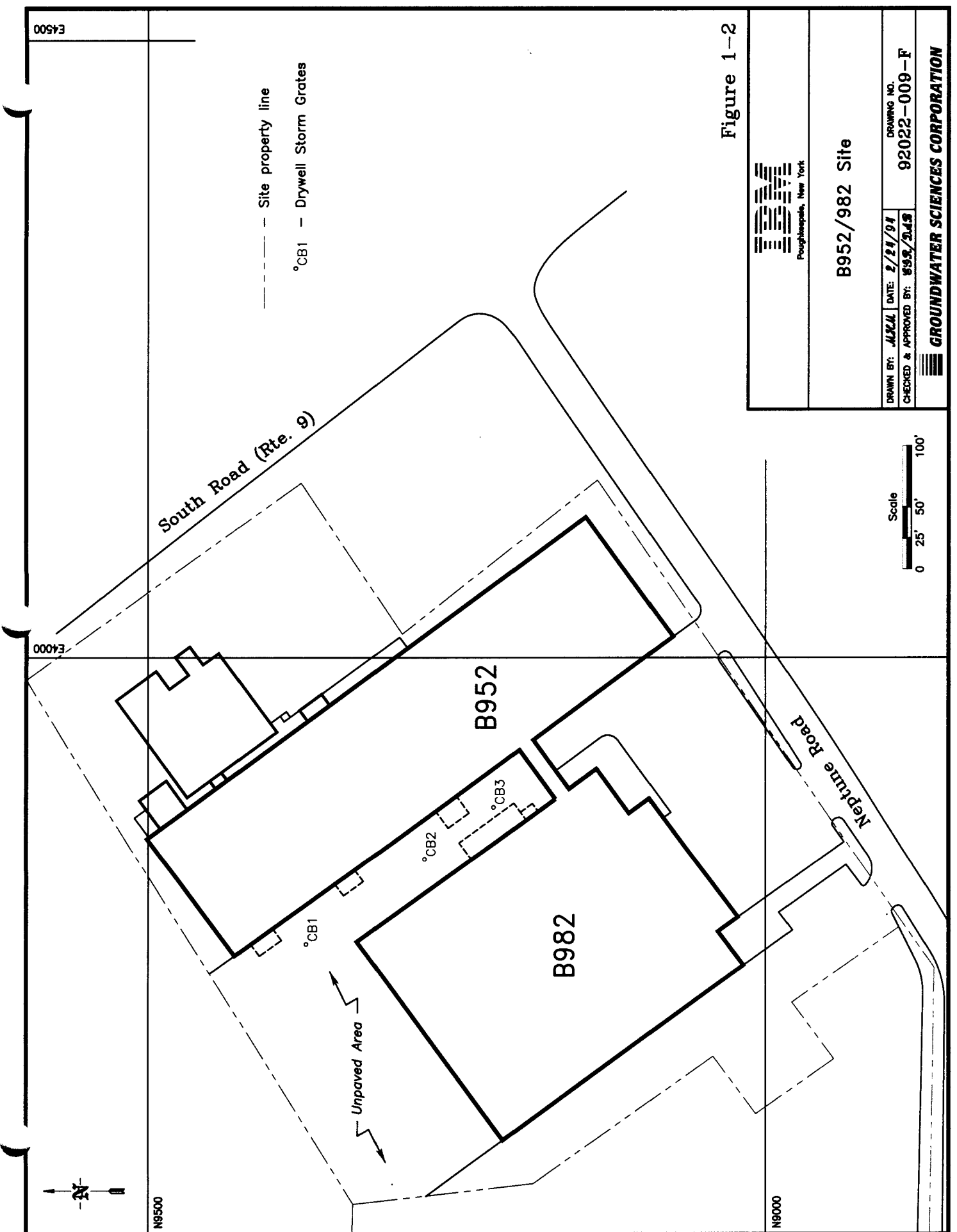


Figure 1-2



B952/982 Site

DRAWN BY: JAL/JAL DATE: 2/24/91 DRAWING NO. 92022-009-F
 CHECKED & APPROVED BY: SJS/SJS

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**Former IBM Buildings 952 & 982 Leased Property
Groundwater Extraction Well 952-30R**

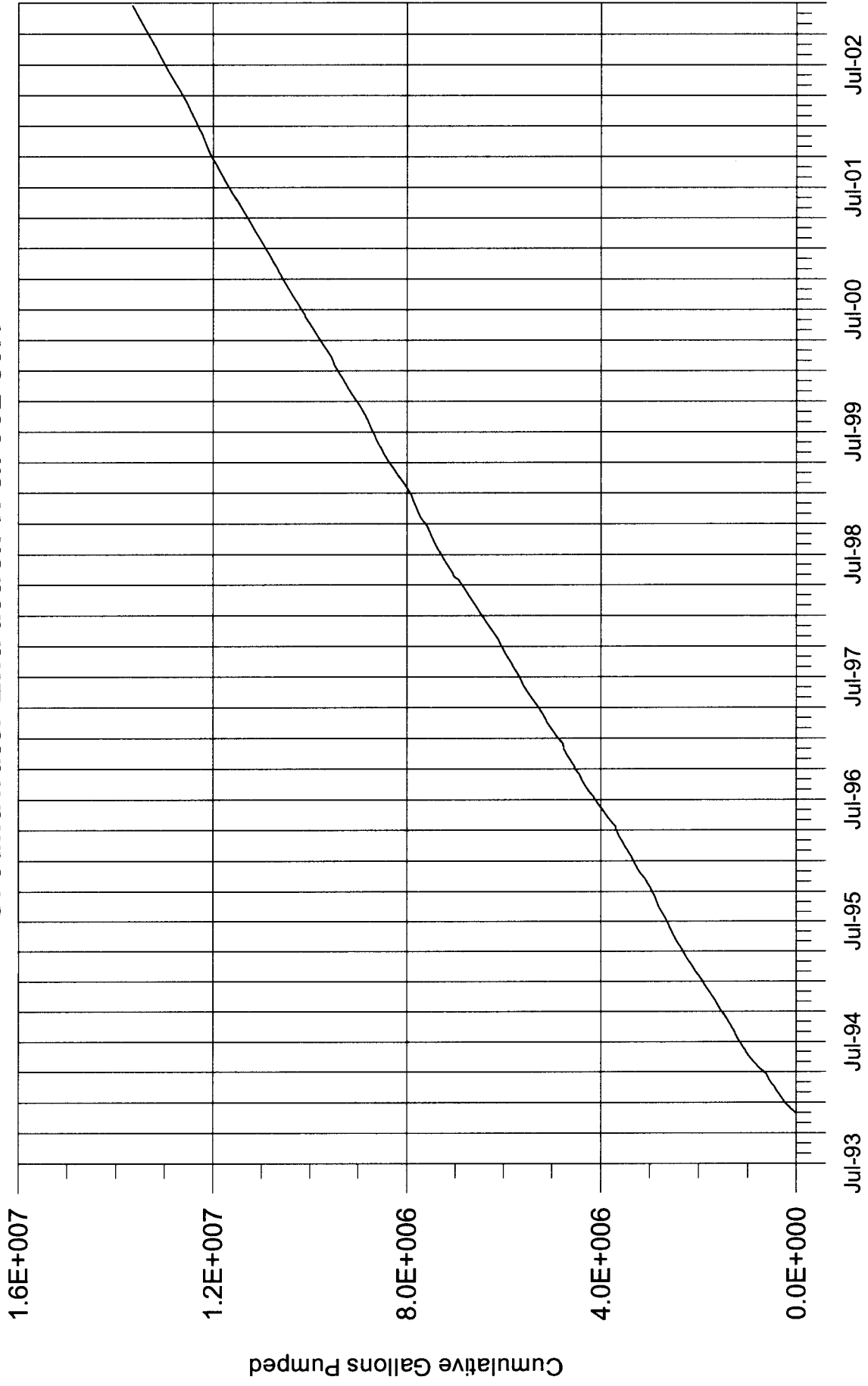
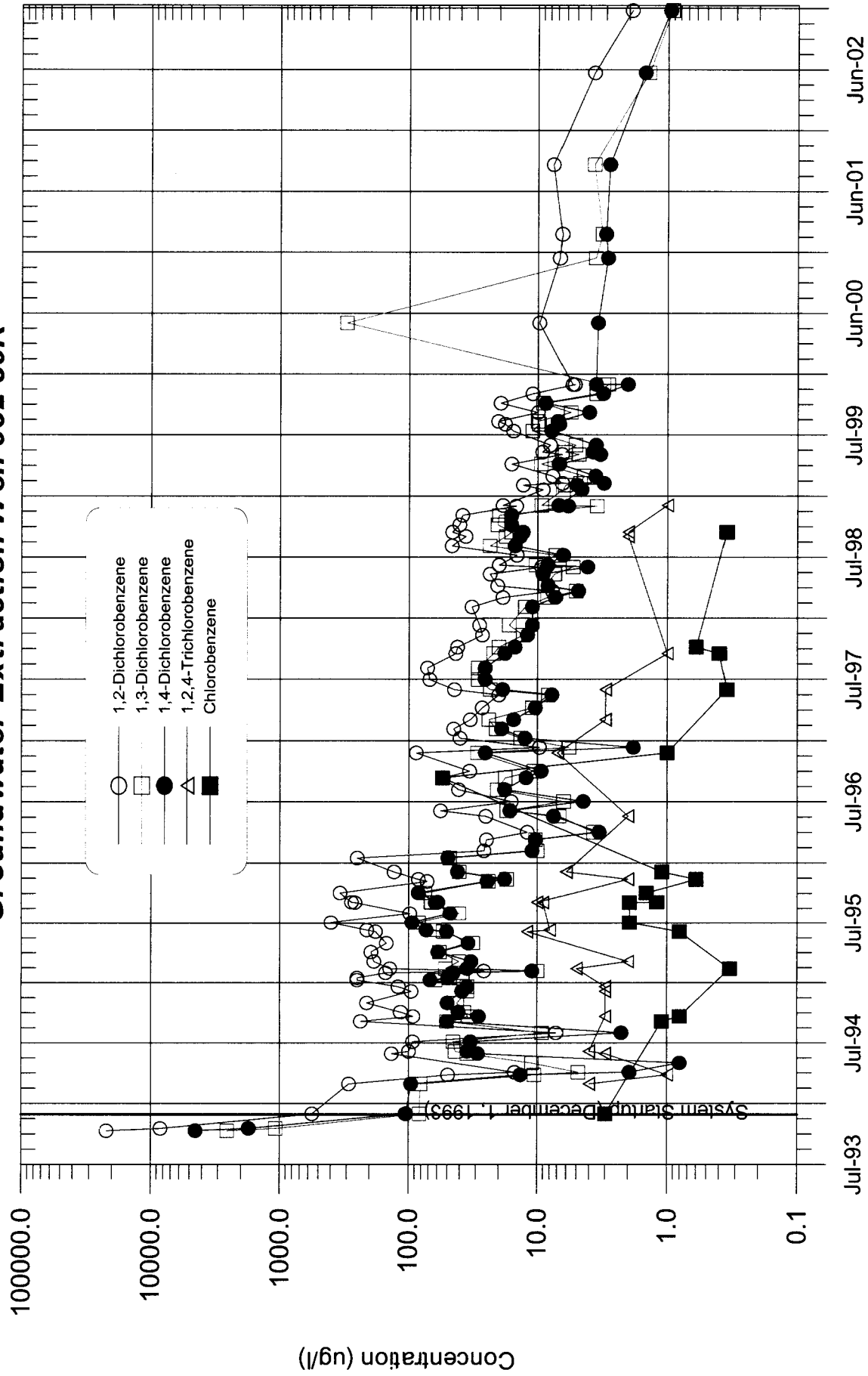


Figure 2-1

**Former Leased Property IBM Buildings 952 & 982
Groundwater Extraction Well 952-30R**



Note: Not detected values presented as 0.1 ug/l for the purposes of this semilog plot

Figure 2-2

**Former Leased Property IBM Buildings 952 & 982
Groundwater Extraction Well 952-30R**

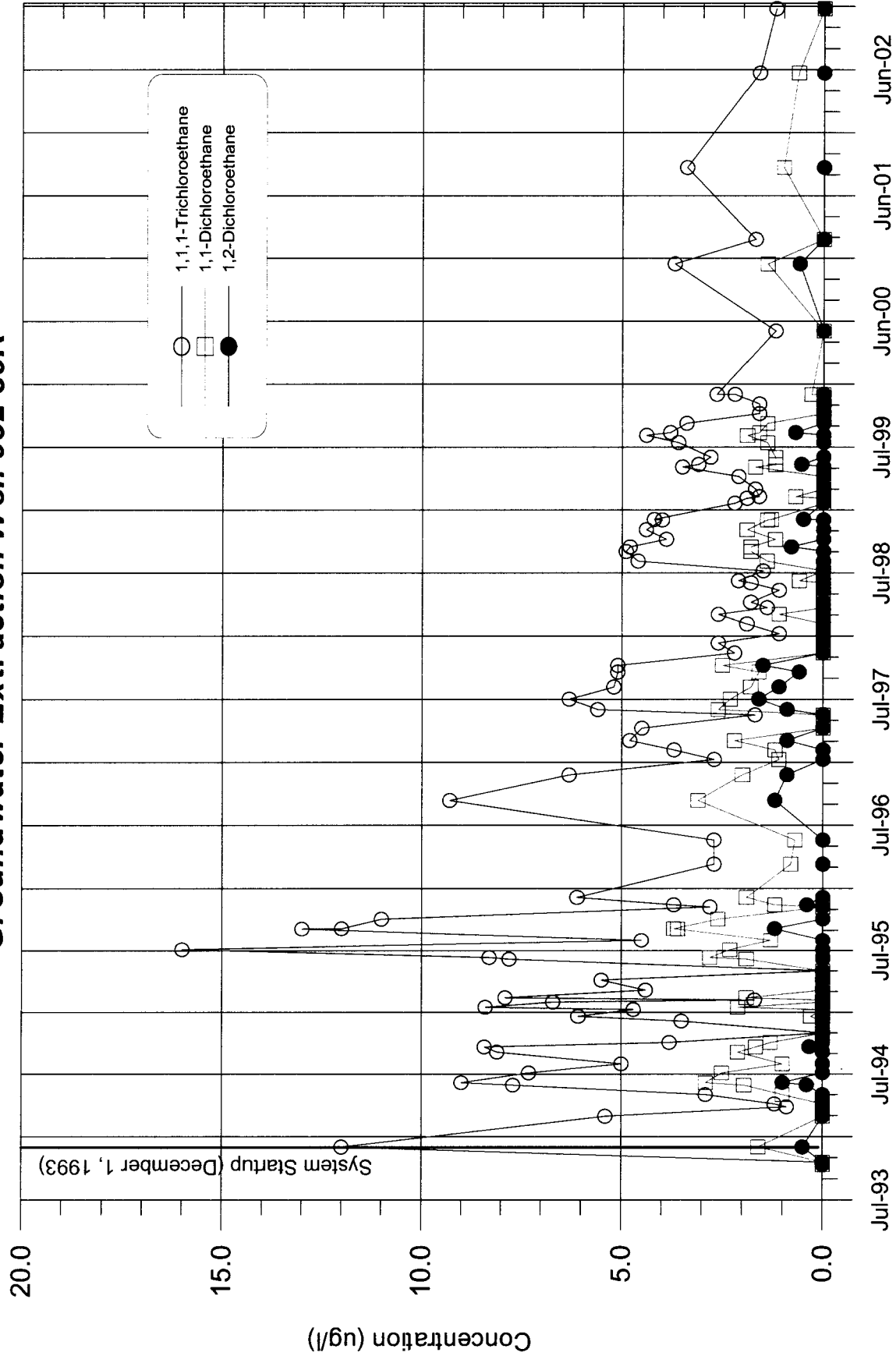


Figure 2-3

**Former Leased Property IBM Buildings 952 & 982
Groundwater Extraction Well 952-30R**

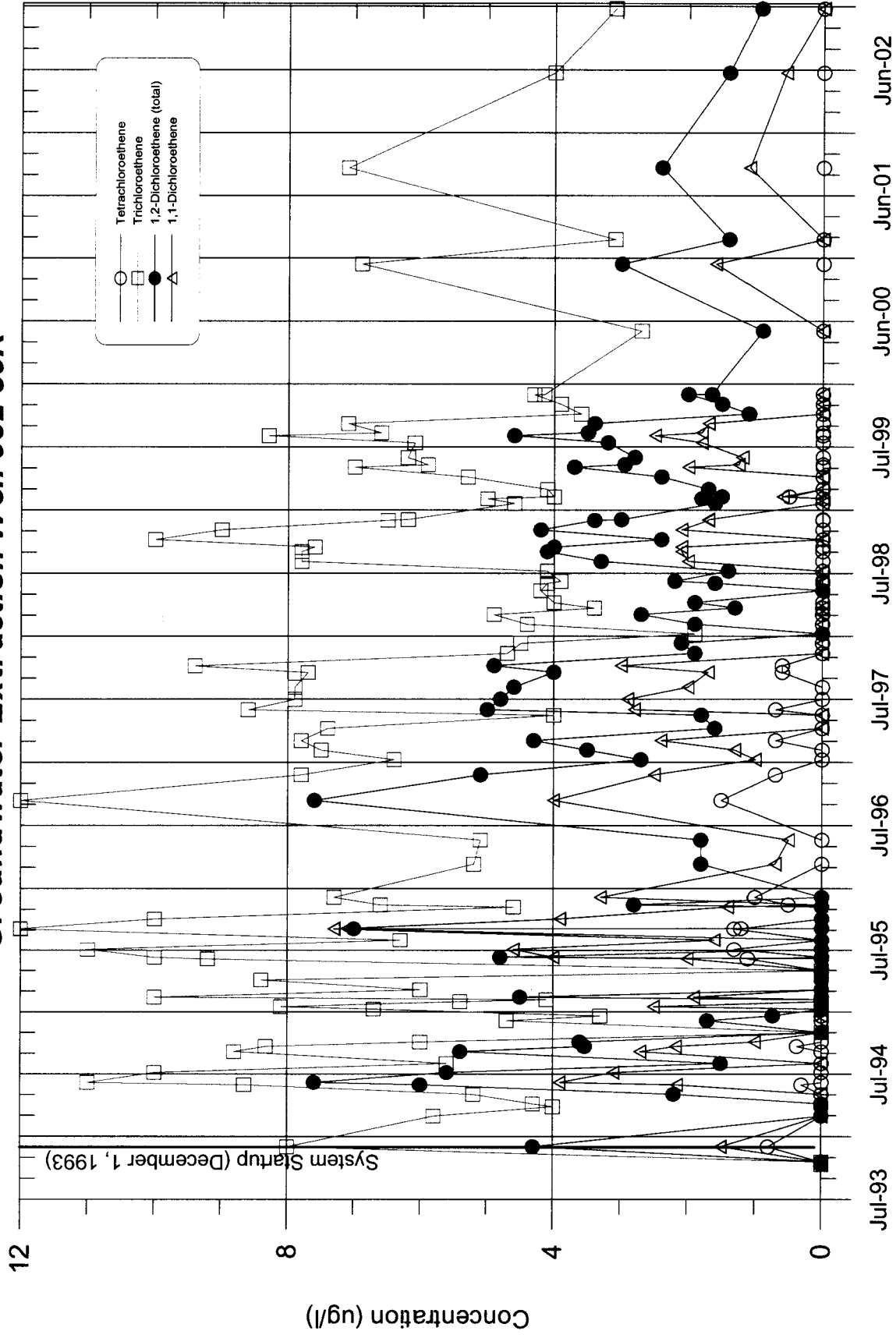
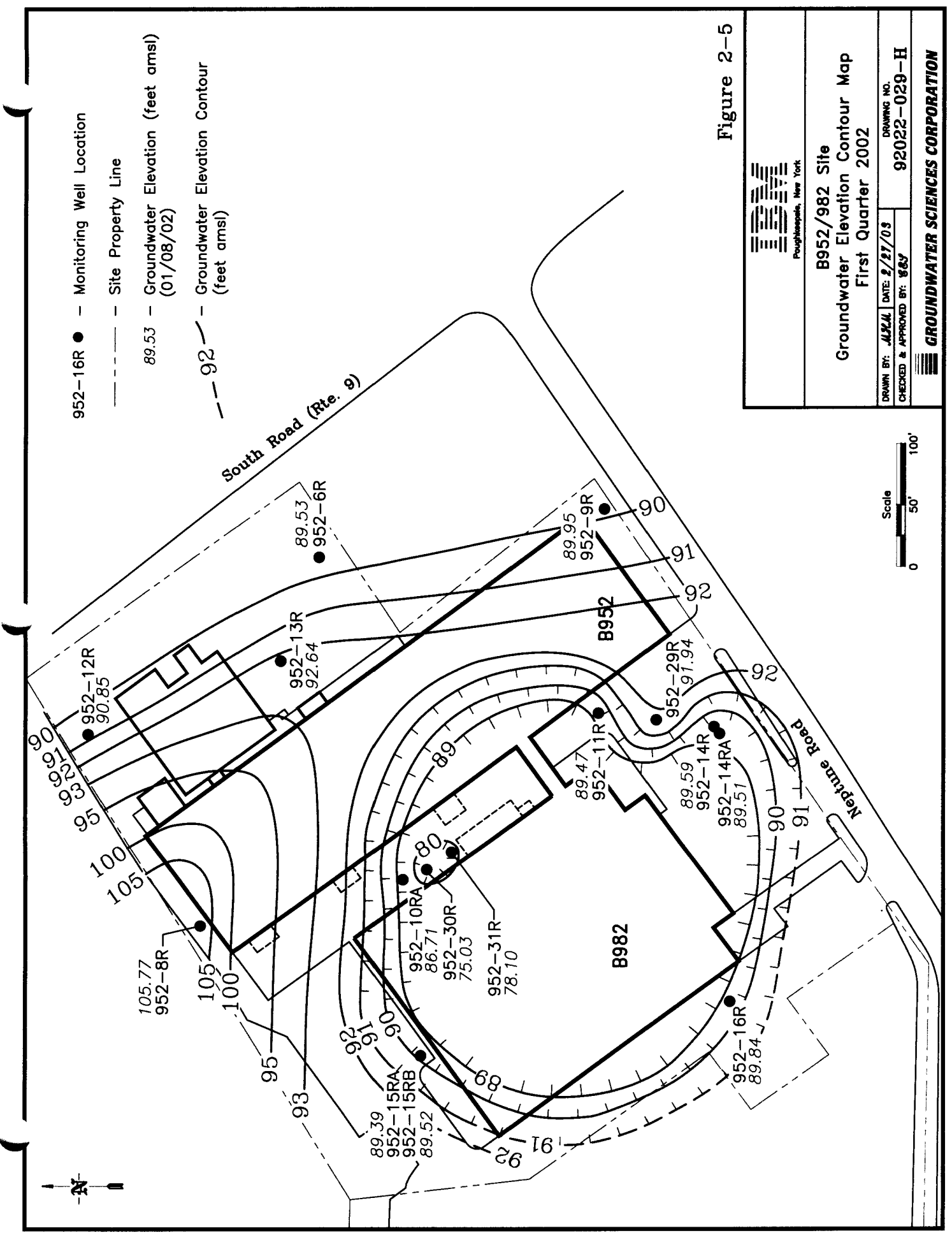


Figure 2-4



- 952-16R ● — Monitoring Well Location
- Site Property Line
- 89.53 — Groundwater Elevation (feet amsl) (01/08/02)
- 92--- Groundwater Elevation Contour (feet amsl)

Figure 2-5

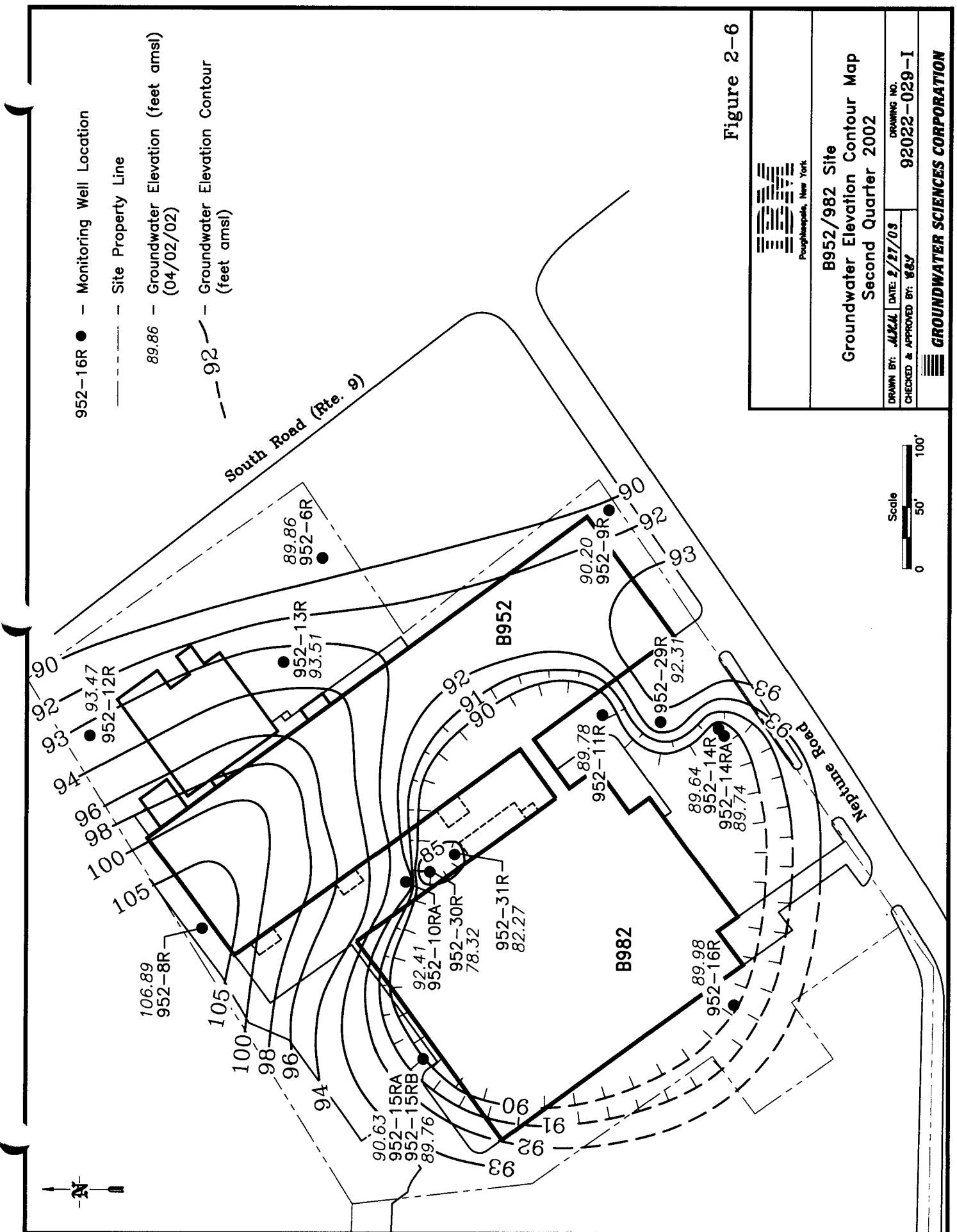


Poughkeepsie, New York

B952/982 Site
Groundwater Elevation Contour Map
First Quarter 2002



DRAWN BY: *ALM* DATE: 2/27/03 DRAWING NO. 92022-029-H
 CHECKED & APPROVED BY: *SB*

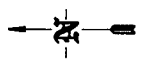
GROUNDWATER SCIENCES CORPORATION

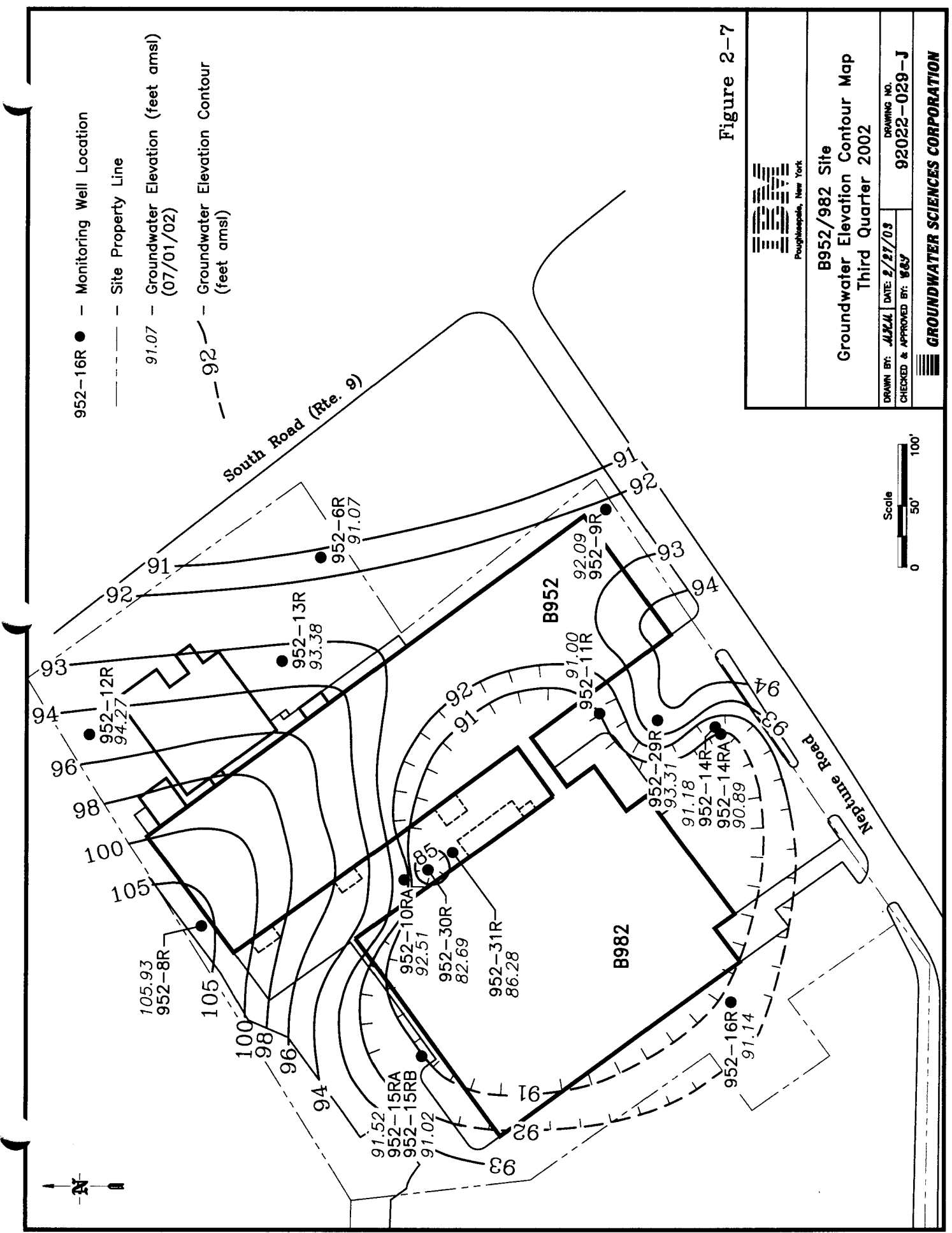


- 952-16R ● — Monitoring Well Location
- Site Property Line
- 89.86 — Groundwater Elevation (feet amsl) (04/02/02)
- 92 --- Groundwater Elevation Contour (feet amsl)

Figure 2-6



 Poughkeepsie, New York	
B952/982 Site Groundwater Elevation Contour Map Second Quarter 2002	
DRAWN BY: JAL/AL CHECKED & APPROVED BY: G&J	DRAWING NO. 92022-029-1
 GROUNDWATER SCIENCES CORPORATION	

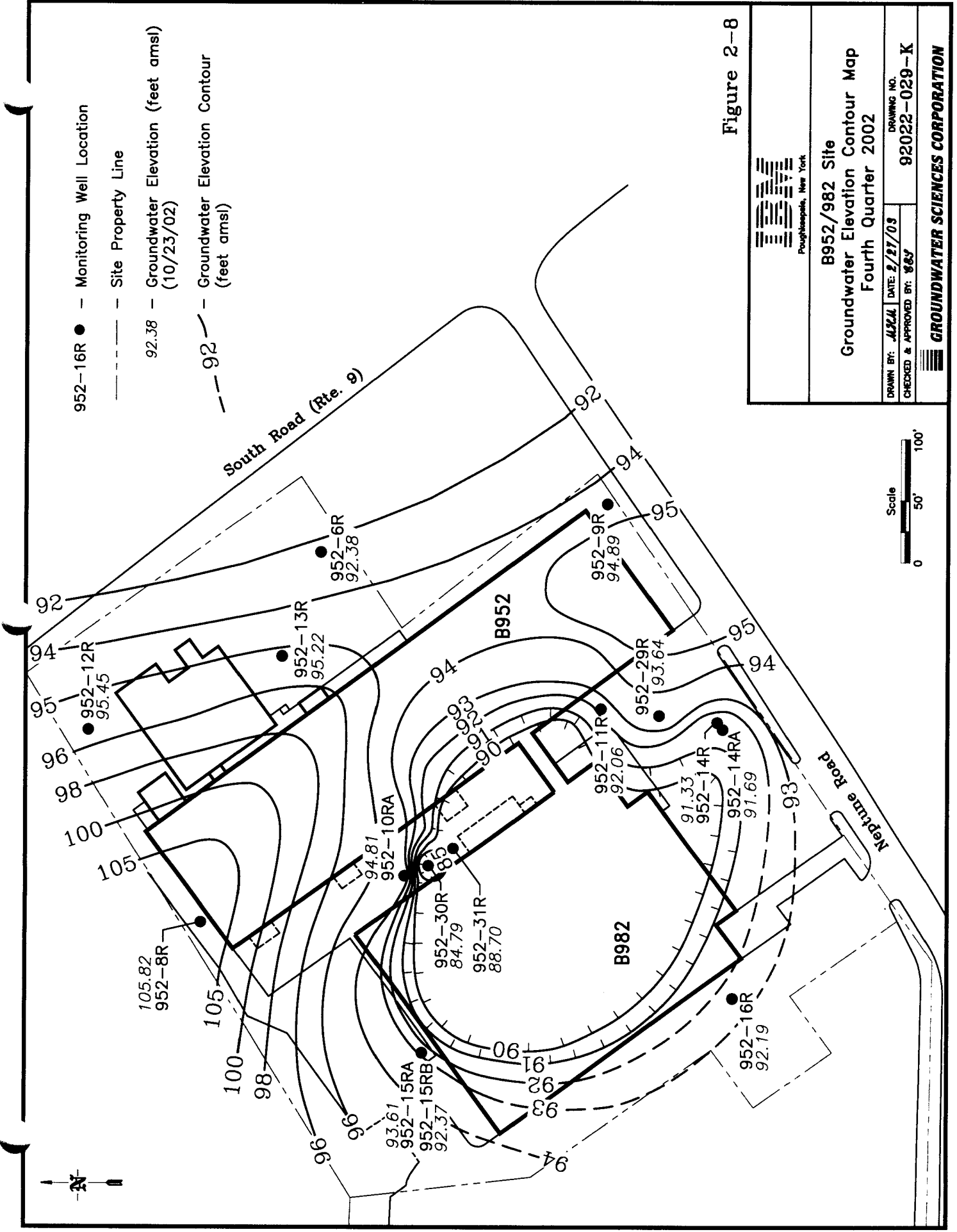




- 952-16R ● — Monitoring Well Location
- Site Property Line
- 91.07 — Groundwater Elevation (feet amsl) (07/01/02)
- 92 --- Groundwater Elevation Contour (feet amsl)

Figure 2-7

 Poughkeepsie, New York	
B952/982 Site Groundwater Elevation Contour Map Third Quarter 2002	
DRAWN BY: <i>JLJ/AL</i>	DRAWING NO. 92022-029-J
CHECKED & APPROVED BY: <i>W.B.J.</i>	
 GROUNDWATER SCIENCES CORPORATION	



- 952-16R ● — Monitoring Well Location
- Site Property Line
- 92.38 — Groundwater Elevation (feet amsl) (10/23/02)
- 92--- Groundwater Elevation Contour (feet amsl)

Figure 2-8



B952/982 Site
Groundwater Elevation Contour Map
Fourth Quarter 2002

DRAWN BY: ALKJA | DATE: 2/27/03 | DRAWING NO. 92022-029-K
 CHECKED & APPROVED BY: 667

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**Former IBM Buildings 952 & 982 Leased Property
Groundwater Monitoring Well 952-10RA**

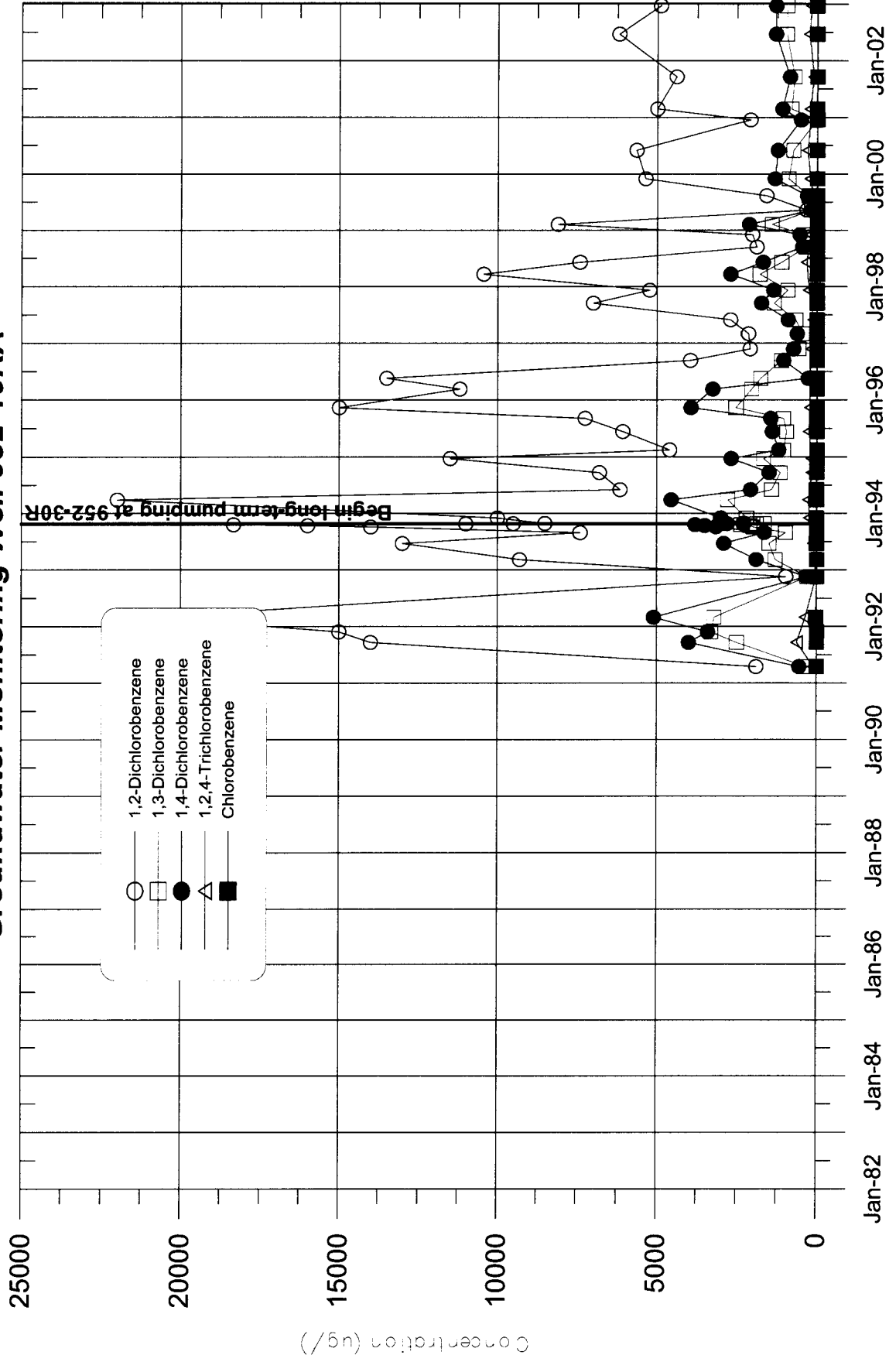
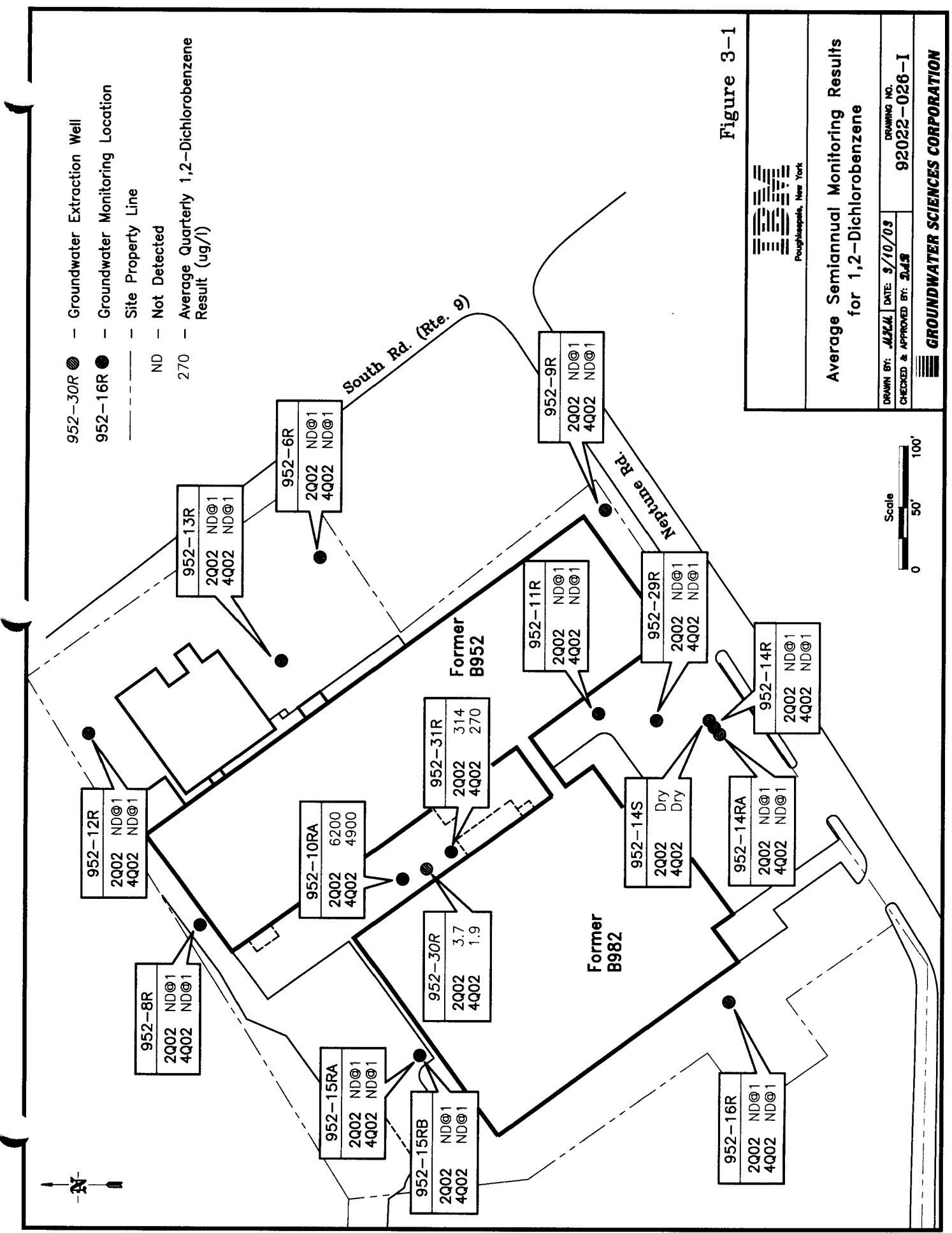



Figure 2.9



- 952-30R ● — Groundwater Extraction Well
- 952-16R ● — Groundwater Monitoring Location
- Site Property Line
- ND — Not Detected
- 270 — Average Quarterly 1,2-Dichlorobenzene Result (ug/l)

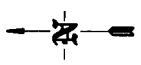
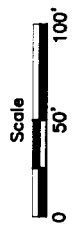
Figure 3-1



Poughkeepsie, New York

Average Semiannual Monitoring Results for 1,2-Dichlorobenzene

DRAWN BY: <i>AJZ</i>	DRAWING NO. 92022-026-I
CHECKED & APPROVED BY: <i>DAB</i>	DATE: 9/10/03



Appendix A
Groundwater Extraction Flow Data

**Former IBM B952/982 Leased Property
Groundwater Extraction Well 952-30R
Operations and Maintenance Data**

Date	Time	Totalizer Reading	Cumulative Discharge (gal)	Ave. Flow Rate (gpm)	Inst. Flow Rate (gpm)	Pressure Gauge Measurements (psi)							Comments
						1	2	3	4	5	6	7	
01-Jan-02	9:14	2,539,000	12,293,469	1.92	3.0	30.0	3.0	3.0	3.0	3.0	3.0	3.0	
02-Jan-02	9:30	2,542,100	12,296,569	2.13	3.0	32.0	3.0	3.0	3.0	3.0	3.0	3.0	
03-Jan-02	9:00	2,546,100	12,300,569	2.84	3.0	32.0	3.0	3.0	3.0	3.0	3.0	3.0	
04-Jan-02	8:15	2,549,400	12,303,869	2.37	3.0	32.0	3.0	3.0	3.0	3.0	3.0	3.0	
05-Jan-02	7:00	2,552,100	12,306,569	1.98	3.0	32.0	3.0	3.0	3.0	3.0	3.0	3.0	
06-Jan-02	10:00	2,555,700	12,310,169	2.22	0.0	---	---	---	---	---	---	---	Pump off
07-Jan-02	8:15	2,558,500	12,312,969	2.10	3.0	---	---	---	3.0	3.0	3.0	3.0	1, 2, 3 off
08-Jan-02	7:51	2,561,500	12,315,969	2.12	3.0	32.0	3.0	3.0	3.0	3.0	3.0	3.0	
09-Jan-02	8:34	2,564,500	12,318,969	2.02	0.0	---	---	---	---	---	---	---	Pump off
10-Jan-02	8:25	2,567,500	12,321,969	2.10	3.0	31.0	4.0	3.0	3.0	3.0	3.5	3.0	
11-Jan-02	8:15	2,570,700	12,325,169	2.24	3.0	32.0	4.0	3.5	3.0	3.0	3.5	3.0	
12-Jan-02	6:22	2,573,800	12,328,269	2.34	3.0	31.0	4.0	3.5	3.0	3.0	3.5	3.0	
13-Jan-02	7:25	2,577,300	12,331,769	2.33	3.0	31.0	4.0	3.5	3.0	3.0	3.5	3.0	
14-Jan-02	8:14	2,580,800	12,335,269	2.35	3.0	31.0	4.0	3.5	3.0	3.0	3.5	3.0	
15-Jan-02	8:03	2,584,100	12,338,569	2.31	3.0	32.0	4.0	3.5	3.0	3.0	3.5	3.0	
16-Jan-02	8:43	2,587,500	12,341,969	2.30	3.0	31.0	4.0	3.0	3.0	3.0	3.5	3.0	
17-Jan-02	8:23	2,590,700	12,345,169	2.25	0.0	---	---	---	---	---	---	---	Pump off
18-Jan-02	8:15	2,593,900	12,348,369	2.23	3.0	32.0	4.0	3.0	3.0	3.0	3.5	3.0	
19-Jan-02	7:35	2,597,000	12,351,469	2.21	3.0	32.0	4.0	3.0	3.0	3.0	3.5	3.0	
20-Jan-02	7:03	2,600,000	12,354,469	2.13	3.0	32.0	4.0	3.0	3.0	3.0	3.5	3.0	
21-Jan-02	10:04	2,603,500	12,357,969	2.16	3.0	32.0	4.0	3.5	3.0	3.0	3.5	3.0	
22-Jan-02	9:20	2,606,500	12,360,969	2.15	3.0	32.0	4.0	3.5	3.0	3.0	3.5	3.0	
23-Jan-02	8:06	2,609,400	12,363,869	2.12	3.0	32.0	4.0	3.5	3.0	3.0	3.5	3.0	
24-Jan-02	9:03	2,612,700	12,367,169	2.20	3.0	32.0	4.0	3.5	3.0	3.0	3.5	3.0	
25-Jan-02	8:30	2,615,800	12,370,269	2.20	3.0	32.0	4.0	3.5	3.0	3.0	3.5	3.0	
26-Jan-02	6:52	2,619,200	12,373,669	2.53	3.0	30.0	4.0	3.0	3.0	2.8	3.3	2.8	
27-Jan-02	6:12	2,622,500	12,376,969	2.36	3.0	30.0	4.0	3.0	3.0	2.8	3.3	2.8	
28-Jan-02	8:09	2,626,200	12,380,669	2.38	3.0	30.0	4.0	3.0	3.0	3.0	3.0	3.0	
29-Jan-02	9:21	2,629,700	12,384,169	2.31	3.0	30.0	4.0	3.0	3.0	2.8	3.0	3.0	
30-Jan-02	8:05	2,632,800	12,387,269	2.27	3.0	30.0	4.0	3.0	3.0	2.8	3.0	2.8	
31-Jan-02	8:07	2,636,000	12,390,469	2.22	3.0	30.0	4.0	3.5	3.0	3.0	3.0	3.0	
01-Feb-02	8:57	2,639,400	12,393,869	2.28	3.0	30.0	4.0	3.5	3.0	3.0	3.0	3.0	
02-Feb-02	7:07	2,641,200	12,395,669	1.35	3.0	30.0	4.0	3.0	3.0	3.0	3.0	3.0	
03-Feb-02	6:58	2,645,400	12,399,869	2.94	3.0	30.0	4.0	3.5	3.0	2.8	3.0	3.0	
04-Feb-02	7:54	2,649,500	12,403,969	2.74	3.0	30.0	4.0	3.5	3.0	2.8	3.0	3.0	
05-Feb-02	8:30	2,653,400	12,407,869	2.64	3.0	30.0	4.0	4.0	3.0	2.8	3.0	3.0	
06-Feb-02	8:05	2,656,900	12,411,369	2.47	3.0	30.0	4.0	4.0	3.0	3.2	3.5	3.0	
07-Feb-02	9:04	2,660,600	12,415,069	2.47	3.0	30.0	4.0	4.0	3.0	3.2	3.5	3.0	
08-Feb-02	8:40	2,663,900	12,418,369	2.33	3.0	30.0	4.0	4.0	3.0	3.2	3.5	3.0	
09-Feb-02	6:50	2,667,500	12,421,969	2.71	3.0	30.0	4.0	4.0	3.0	3.2	3.5	3.0	
10-Feb-02	7:30	2,670,400	12,424,869	1.96	3.0	30.0	4.0	4.0	3.0	3.2	3.5	3.0	
11-Feb-02	7:30	2,673,700	12,428,169	2.29	0.0	---	---	---	---	---	---	---	Pump off
12-Feb-02	7:40	2,677,100	12,431,569	2.34	3.0	30.0	4.0	3.5	2.5	3.0	3.0	3.0	
13-Feb-02	8:10	2,680,900	12,435,369	2.59	0.0	---	---	---	---	---	---	---	Pump off
14-Feb-02	8:15	2,684,600	12,439,069	2.56	0.0	---	---	---	---	---	---	---	Pump off
15-Feb-02	8:30	2,688,200	12,442,669	2.47	3.0	30.0	4.0	3.5	3.0	3.0	2.5	2.5	
16-Feb-02	5:00	2,691,100	12,445,569	2.36	3.0	30.0	4.0	3.5	3.0	3.0	2.5	2.5	
17-Feb-02	6:43	2,694,700	12,449,169	2.33	3.0	30.0	4.0	3.5	3.0	3.0	2.5	2.5	
18-Feb-02	7:43	2,698,200	12,452,669	2.33	3.0	29.0	4.0	3.5	3.0	3.0	2.5	2.5	
19-Feb-02	7:15	2,701,400	12,455,869	2.27	3.0	29.0	4.5	4.0	3.0	3.0	3.0	2.5	
20-Feb-02	7:57	2,704,700	12,459,169	2.23	3.0	29.0	4.5	4.0	3.0	3.0	3.0	2.5	
21-Feb-02	7:24	2,707,800	12,462,269	2.20	3.0	29.0	4.5	4.0	3.0	3.0	3.0	2.5	
22-Feb-02	7:19	2,711,000	12,465,469	2.23	3.0	29.0	4.5	4.0	3.0	3.0	3.0	2.5	
23-Feb-02	6:36	2,714,200	12,468,669	2.29	3.0	29.0	4.5	4.0	3.0	3.0	3.0	2.5	
24-Feb-02	5:45	2,717,500	12,471,969	2.38	3.0	30.0	4.8	4.0	3.0	3.0	3.0	2.5	
25-Feb-02	8:11	2,721,000	12,475,469	2.21	3.0	30.0	4.7	4.0	3.0	3.0	3.0	2.5	
26-Feb-02	8:16	2,724,200	12,478,669	2.21	2.9	30.0	4.5	4.0	3.0	3.0	3.0	2.5	
27-Feb-02	10:50	2,727,700	12,482,169	2.20	2.1	30.0	4.5	4.0	3.0	3.0	3.0	2.5	
28-Feb-02	9:27	2,730,600	12,485,069	2.14	3.0	30.0	4.5	4.0	3.0	3.0	3.0	2.5	
01-Mar-02	8:10	2,733,500	12,487,969	2.13	2.9	30.0	4.5	4.0	3.0	3.0	3.0	2.5	
02-Mar-02	6:45	2,736,300	12,490,769	2.07	2.9	30.0	4.5	4.0	3.0	3.0	3.0	2.5	
03-Mar-02	6:48	2,739,300	12,493,769	2.08	2.9	30.0	4.5	4.0	3.0	3.0	3.0	2.5	
04-Mar-02	8:35	2,743,000	12,497,469	2.39	3.0	29.0	4.5	4.0	3.0	3.0	3.0	2.5	
05-Mar-02	9:20	2,746,700	12,501,169	2.49	3.0	29.0	5.0	4.0	3.0	3.0	3.0	3.0	
06-Mar-02	8:20	2,750,100	12,504,569	2.46	3.0	29.0	5.0	4.0	3.0	3.0	3.0	3.0	
07-Mar-02	7:30	2,753,200	12,507,669	2.23	3.0	30.0	5.0	4.0	3.0	3.0	3.0	3.0	
08-Mar-02	7:20	2,756,500	12,510,969	2.31	3.0	29.0	5.0	4.0	3.0	3.0	3.0	3.0	
09-Mar-02	6:00	2,759,600	12,514,069	2.28	3.0	29.0	5.0	4.0	3.0	3.0	3.0	3.0	
10-Mar-02	5:30	2,762,700	12,517,169	2.20	3.0	28.0	5.0	4.5	3.0	3.0	3.0	3.0	
11-Mar-02	8:31	2,766,300	12,520,769	2.22	3.0	30.0	5.0	4.0	3.0	3.0	3.0	3.0	
12-Mar-02	7:58	2,769,000	12,523,469	1.92	3.0	30.0	5.0	4.0	3.0	3.0	3.0	3.0	
13-Mar-02	7:42	2,772,500	12,526,969	2.46	3.0	30.0	5.0	3.0	3.0	3.0	3.0	3.0	
14-Mar-02	8:21	2,775,000	12,529,469	1.69	3.0	30.0	5.0	3.0	3.0	3.0	3.0	3.0	
15-Mar-02	7:58	2,778,700	12,533,169	2.61	3.0	30.0	5.0	3.0	3.0	3.0	3.0	3.0	
16-Mar-02	7:08	2,781,700	12,536,169	2.16	3.0	30.0	5.0	3.0	3.0	3.0	3.0	3.0	
17-Mar-02	7:29	2,784,700	12,539,169	2.05	3.0	30.0	5.0	3.0	3.0	3.0	3.0	3.0	
18-Mar-02	7:45	2,787,800	12,542,269	2.13	3.0	30.0	5.0	3.0	3.0	3.0	3.0	3.5	
19-Mar-02	7:45	2,790,900	12,545,369	2.15	3.0	30.0	5.0	4.5	3.0	3.0	3.0	3.0	

**Former IBM B952/982 Leased Property
Groundwater Extraction Well 952-30R
Operations and Maintenance Data**

Date	Time	Totalizer Reading	Cumulative Discharge (gal)	Ave. Flow Rate (gpm)	Inst. Flow Rate (gpm)	Pressure Gauge Measurements (psi)							Comments
						1	2	3	4	5	6	7	
20-Mar-02	8:20	2,794,300	12,548,769	2.31	3.0	30.0	5.0	4.5	3.0	3.0	3.0	3.0	
21-Mar-02	8:05	2,797,700	12,552,169	2.39	3.0	30.0	5.0	4.5	3.0	3.0	3.0	3.0	
22-Mar-02	7:50	2,801,300	12,555,769	2.53	3.0	30.0	7.5	6.0	3.5	3.5	3.0	3.0	
23-Mar-02	5:30	2,805,800	12,560,269	3.46	3.0	30.0	7.5	6.0	3.5	3.5	3.0	3.0	
24-Mar-02	7:10	2,810,100	12,564,569	2.79	3.0	30.0	8.0	7.0	4.0	4.0	3.0	2.5	
25-Mar-02	7:28	2,814,300	12,568,769	2.88	3.0	30.0	8.0	7.5	4.0	4.0	3.0	2.5	
26-Mar-02	7:38	2,818,400	12,572,869	2.83	3.0	30.0	8.0	7.5	4.0	4.0	3.0	2.5	
27-Mar-02	8:43	2,822,600	12,577,069	2.79	3.0	30.0	10.0	8.0	4.0	4.0	3.0	2.5	
28-Mar-02	8:50	2,826,700	12,581,169	2.83	3.0	32.0	10.0	9.0	4.0	4.0	3.0	2.5	
29-Mar-02	8:26	2,830,700	12,585,169	2.82	3.0	32.0	10.0	9.0	4.5	4.5	3.0	2.5	
30-Mar-02	6:15	2,834,400	12,588,869	2.83	3.0	32.0	10.0	9.5	4.5	4.5	3.0	2.5	
31-Mar-02	6:35	2,838,500	12,592,969	2.81	3.0	32.0	10.0	9.5	4.5	3.0	3.0	2.5	
01-Apr-02	7:59	2,842,900	12,597,369	2.89	3.0	32.0	10.0	9.4	4.5	3.0	3.0	2.5	
02-Apr-02	7:42	2,846,700	12,601,169	2.67	3.0	31.0	10.0	10.0	4.5	4.0	3.0	2.5	
03-Apr-02	7:35	2,850,700	12,605,169	2.79	2.7	31.0	10.0	9.5	4.8	3.5	3.0	2.5	
04-Apr-02	9:39	2,855,100	12,609,569	2.81	3.0	31.0	10.0	9.5	4.9	3.5	3.0	2.5	
05-Apr-02	9:54	2,859,100	12,613,569	2.75	3.0	31.0	10.0	9.5	4.9	3.6	3.2	2.5	
06-Apr-02	6:52	2,862,800	12,617,269	2.94	3.0	31.0	10.0	9.9	5.0	3.6	3.2	2.5	
07-Apr-02	7:03	2,866,500	12,620,969	2.55	3.0	31.0	10.0	10.0	5.1	3.6	3.2	2.9	
08-Apr-02	8:53	2,870,800	12,625,269	2.77	3.0	31.0	10.0	10.0	5.0	3.0	3.0	3.0	Changed filters
09-Apr-02	8:56	2,874,700	12,629,169	2.70	3.0	27.0	3.5	3.0	3.0	3.0	3.0	3.0	
10-Apr-02	5:39	2,878,300	12,632,769	2.90	3.0	27.0	3.0	3.0	3.0	3.0	3.0	3.0	
11-Apr-02	7:20	2,882,700	12,637,169	2.86	2.8	28.0	3.0	3.5	3.0	3.0	3.0	2.9	
12-Apr-02	7:51	2,886,700	12,641,169	2.72	2.9	28.0	3.0	4.0	3.0	3.5	3.5	3.0	
13-Apr-02	7:36	2,890,400	12,644,869	2.60	3.0	28.0	3.0	3.0	3.0	3.0	3.0	3.0	
14-Apr-02	7:28	2,894,100	12,648,569	2.58	3.0	30.0	3.0	3.0	3.0	3.0	3.0	3.0	
15-Apr-02	9:30	2,898,200	12,652,669	2.62	2.9	28.0	4.0	3.5	3.0	3.0	3.0	3.0	
16-Apr-02	7:35	2,902,100	12,656,569	2.94	2.9	28.0	4.0	3.5	3.0	3.0	3.0	3.0	
17-Apr-02	8:36	2,906,600	12,661,069	3.00	2.9	28.0	4.0	3.5	3.0	3.0	3.0	3.0	
18-Apr-02	8:27	2,910,800	12,665,269	2.94	2.9	28.0	4.0	3.4	3.1	3.0	3.0	3.0	
19-Apr-02	7:40	2,911,200	12,665,669	0.29	3.0	30.0	4.0	3.5	3.1	3.1	3.2	2.8	
20-Apr-02	8:10	2,915,500	12,669,969	2.93	2.9	30.0	4.0	3.5	3.1	3.1	3.2	2.8	
21-Apr-02	8:40	2,919,800	12,674,269	2.93	2.9	30.0	4.0	3.5	3.1	3.1	3.2	2.8	
22-Apr-02	8:50	2,924,100	12,678,569	2.97	2.9	28.0	4.0	4.0	3.1	3.5	3.5	2.8	
23-Apr-02	8:42	2,928,200	12,682,669	2.86	2.8	28.0	4.0	4.5	3.0	3.5	3.5	2.8	
24-Apr-02	7:30	2,932,200	12,686,669	2.92	2.9	28.0	4.1	4.5	3.0	3.4	3.2	2.8	
25-Apr-02	7:20	2,936,300	12,690,769	2.87	2.8	28.0	4.1	4.5	3.0	3.5	3.5	2.8	
26-Apr-02	8:40	2,940,700	12,695,169	2.89	2.8	28.0	4.5	4.5	3.1	3.5	3.5	2.8	
27-Apr-02	4:25	2,944,100	12,698,569	2.87	2.9	28.0	4.5	4.5	3.1	3.6	3.5	2.9	
28-Apr-02	4:30	2,948,500	12,702,969	3.04	2.8	28.0	4.5	4.5	3.0	3.0	3.0	2.5	
29-Apr-02	8:15	2,953,400	12,707,869	2.94	2.9	30.0	5.0	4.5	3.0	3.5	3.0	3.0	
30-Apr-02	7:33	2,957,300	12,711,769	2.79	2.8	30.0	5.0	4.5	3.0	4.0	3.0	3.0	
01-May-02	7:45	2,961,600	12,716,069	2.96	2.9	30.0	5.0	4.5	3.0	3.5	3.0	3.0	
02-May-02	8:56	2,965,900	12,720,369	2.85	2.9	30.0	5.0	4.5	3.0	3.5	3.0	3.0	
03-May-02	8:50	2,970,300	12,724,769	3.07	2.9	30.0	5.0	4.5	3.0	3.5	3.0	3.0	
04-May-02	7:15	2,974,200	12,728,669	2.90	2.9	30.0	5.0	4.5	3.0	3.5	3.0	3.0	
05-May-02	5:16	2,978,100	12,732,569	2.95	2.9	30.0	6.0	5.0	3.1	3.5	3.5	2.8	
06-May-02	8:25	2,982,900	12,737,369	2.95	3.0	30.0	6.0	5.0	3.0	3.5	3.5	2.5	
07-May-02	7:50	2,987,000	12,741,469	2.92	3.0	30.0	6.0	5.0	3.0	3.5	3.5	2.5	
08-May-02	8:00	2,991,100	12,745,569	2.83	3.0	30.0	6.0	5.0	3.0	3.5	3.5	3.0	
09-May-02	8:05	2,995,600	12,750,069	3.11	3.0	30.0	6.0	5.5	3.0	3.5	3.5	3.0	
10-May-02	9:30	2,999,600	12,754,069	2.62	3.0	30.0	6.0	5.5	3.0	3.8	3.5	3.0	
11-May-02	5:00	3,003,500	12,757,969	3.33	3.0	30.0	6.0	5.0	3.5	4.0	3.0	2.5	
12-May-02	6:00	3,007,700	12,762,169	2.80	3.0	30.0	6.0	5.0	3.5	4.0	3.0	2.5	
13-May-02	8:00	3,012,200	12,766,669	2.88	3.0	30.0	6.0	5.0	3.5	4.0	3.0	2.5	
14-May-02	8:25	3,016,400	12,770,869	2.87	3.0	31.0	7.0	5.5	3.5	4.0	3.0	2.5	
15-May-02	8:45	3,020,700	12,775,169	2.95	3.0	31.0	7.0	5.5	3.5	4.0	3.0	2.5	
16-May-02	7:54	3,024,700	12,779,169	2.88	3.0	31.0	7.0	5.5	3.5	4.0	3.0	2.5	
17-May-02	8:05	3,029,000	12,783,469	2.96	3.0	30.0	7.0	6.0	3.5	4.0	3.0	2.5	
18-May-02	7:27	3,033,000	12,787,469	2.85	3.0	30.0	7.5	6.0	3.5	4.0	3.0	2.5	
19-May-02	5:59	3,037,900	12,792,369	3.62	3.0	30.0	7.5	6.0	3.5	4.0	3.0	2.5	
20-May-02	8:44	3,041,600	12,796,069	2.31	2.8	30.0	7.5	6.0	3.5	4.0	3.0	2.5	
21-May-02	8:10	3,045,700	12,800,169	2.92	2.8	30.0	7.5	6.0	3.5	4.0	3.0	2.5	
22-May-02	8:20	3,049,800	12,804,269	2.83	2.8	30.0	7.5	6.0	3.5	4.0	3.0	2.5	
23-May-02	9:01	3,054,100	12,808,569	2.90	2.8	30.0	7.5	6.0	3.5	4.0	3.0	2.5	
24-May-02	8:49	3,058,200	12,812,669	2.87	2.8	30.0	7.5	6.0	3.5	4.0	3.0	2.5	
25-May-02	6:15	3,061,900	12,816,369	2.88	2.8	30.0	7.5	6.0	3.5	4.0	3.0	2.5	
26-May-02	6:10	3,066,100	12,820,569	2.93	2.8	30.0	7.5	6.0	3.5	4.0	3.0	2.5	
27-May-02	6:40	3,070,200	12,824,669	2.79	2.8	30.0	8.0	6.5	3.5	3.5	3.2	2.5	
28-May-02	8:27	3,074,600	12,829,069	2.84	2.8	30.0	8.0	7.2	3.5	3.5	3.2	2.5	
29-May-02	8:18	3,078,600	12,833,069	2.80	2.8	31.0	8.0	7.5	3.5	3.5	3.2	2.5	
30-May-02	8:26	3,082,700	12,837,169	2.83	2.8	31.0	8.0	7.5	3.5	3.5	3.2	2.5	
31-May-02	7:52	3,086,700	12,841,169	2.84	2.8	31.0	8.0	7.5	3.5	3.5	3.2	2.5	
01-Jun-02	6:30	3,090,700	12,845,169	2.95	3.0	30.0	8.0	7.5	3.5	3.5	3.0	2.5	
02-Jun-02	6:14	3,094,500	12,848,969	2.67	3.0	31.0	8.0	8.0	3.5	3.5	3.2	3.5	
03-Jun-02	8:30	3,098,900	12,853,369	2.79	3.0	30.0	8.0	8.0	3.5	3.5	3.2	3.5	
04-Jun-02	8:36	3,102,000	12,856,469	2.14	3.0	30.0	8.0	8.0	3.5	3.5	3.2	3.5	
05-Jun-02	8:19	3,106,900	12,861,369	3.44	3.0	30.0	8.0	8.0	3.5	3.5	3.0	3.5	

**Former IBM B952/982 Leased Property
Groundwater Extraction Well 952-30R
Operations and Maintenance Data**

Date	Time	Totalizer Reading	Cumulative Discharge (gal)	Ave. Flow Rate (gpm)	Inst. Flow Rate (gpm)	Pressure Gauge Measurements (psi)							Comments
						1	2	3	4	5	6	7	
06-Jun-02	8:24	3,111,000	12,865,469	2.84	3.0	30.0	8.0	8.0	3.5	3.5	3.0	2.5	
07-Jun-02	8:06	3,114,900	12,869,369	2.74	3.0	30.0	8.0	8.0	3.5	3.5	3.0	2.5	
08-Jun-02	5:55	3,118,600	12,873,069	2.83	2.8	30.0	9.0	8.0	3.5	3.7	3.2	2.5	
09-Jun-02	6:23	3,122,700	12,877,169	2.79	2.8	30.0	10.0	8.0	3.5	3.7	3.2	2.5	
10-Jun-02	8:30	3,127,100	12,881,569	2.81	2.7	31.0	10.0	8.0	3.5	3.7	3.2	2.5	
11-Jun-02	7:32	3,131,000	12,885,469	2.82	2.7	32.0	10.0	8.0	4.0	3.7	3.2	2.7	
12-Jun-02	8:27	3,135,100	12,889,569	2.74	2.7	32.0	10.0	8.2	4.0	3.7	3.5	2.7	
13-Jun-02	8:45	3,139,100	12,893,569	2.74	2.7	32.0	10.0	9.5	4.0	4.5	3.5	2.7	
14-Jun-02	8:04	3,142,900	12,897,369	2.72	2.7	32.0	10.0	10.0	4.0	4.5	3.5	2.8	
15-Jun-02	9:03	3,147,100	12,901,569	2.80	2.7	32.0	10.0	10.0	4.0	4.5	3.5	2.8	
16-Jun-02	8:52	3,150,900	12,905,369	2.66	2.7	32.0	10.4	10.2	4.0	4.5	3.5	2.8	
17-Jun-02	7:30	3,154,600	12,909,069	2.72	2.7	32.0	10.5	10.0	4.0	4.5	3.5	2.5	
18-Jun-02	8:40	3,158,400	12,912,869	2.52	2.7	32.0	10.5	10.0	4.0	4.5	3.5	2.5	
19-Jun-02	8:00	3,162,500	12,916,969	2.93	2.7	32.0	10.7	11.0	4.0	4.5	3.5	2.5	
20-Jun-02	7:15	3,166,400	12,920,869	2.80	2.7	32.0	11.0	11.0	4.0	4.5	3.5	2.5	
21-Jun-02	6:40	3,170,000	12,924,469	2.56	2.7	32.0	11.0	11.0	4.5	4.5	3.5	2.5	
22-Jun-02	7:40	3,174,000	12,928,469	2.67	2.6	32.0	11.0	11.0	4.0	4.5	3.5	2.8	
23-Jun-02	6:45	3,177,200	12,931,669	2.31	2.7	32.0	11.0	11.0	4.0	4.5	3.5	3.0	
24-Jun-02	8:00	3,181,400	12,935,869	2.77	3.0	32.0	11.0	11.0	4.0	4.5	3.3	2.5	
25-Jun-02	11:00	3,186,000	12,940,469	2.84	3.0	32.0	12.0	12.0	4.0	3.5	2.5	2.5	
26-Jun-02	9:15	3,189,500	12,943,969	2.62	3.0	32.0	13.0	12.0	4.0	4.0	2.5	2.5	
27-Jun-02	8:15	3,193,100	12,947,569	2.61	3.0	32.0	13.0	12.0	4.0	4.0	3.0	2.5	
28-Jun-02	7:40	3,196,800	12,951,269	2.63	2.5	32.0	13.0	13.0	4.0	4.0	3.0	2.5	
29-Jun-02	6:00	3,200,500	12,954,969	2.76	2.5	32.0	14.0	13.0	4.0	4.0	3.0	3.0	
30-Jun-02	6:20	3,204,100	12,958,569	2.47	2.5	32.0	14.0	13.5	4.0	3.8	3.2	2.5	
01-Jul-02	5:33	3,207,700	12,962,169	2.58	2.5	32.0	14.0	13.5	4.0	3.8	3.2	3.0	
02-Jul-02	8:01	3,209,700	12,964,169	1.26	3.0	30.0	10.0	10.0	4.0	3.0	3.0	3.0	
03-Jul-02	9:33	3,213,700	12,968,169	2.61	3.0	30.0	12.0	12.0	4.0	3.5	3.0	2.5	
04-Jul-02	6:59	3,217,000	12,971,469	2.57	3.0	30.0	12.0	13.0	4.0	3.5	3.0	2.5	
05-Jul-02	6:14	3,220,600	12,975,069	2.58	3.0	30.0	12.0	13.0	4.0	3.5	3.0	2.5	
06-Jul-02	7:03	3,224,700	12,979,169	2.75	3.0	30.0	12.0	13.0	4.0	3.5	3.0	2.5	
07-Jul-02	7:37	3,228,100	12,982,569	2.31	3.0	30.0	12.0	14.0	4.0	3.5	3.0	2.5	
08-Jul-02	9:00	3,231,800	12,986,269	2.43	2.5	32.0	15.0	14.0	4.0	3.5	3.0	2.5	
09-Jul-02	8:20	3,235,300	12,989,769	2.50	2.5	32.0	15.0	15.0	4.0	3.5	3.0	2.5	
10-Jul-02	9:43	3,239,000	12,993,469	2.43	2.4	32.0	16.0	15.0	4.0	3.5	3.0	2.5	
11-Jul-02	8:30	3,242,400	12,996,869	2.49	2.4	32.0	16.0	15.5	4.0	3.5	3.0	2.5	
12-Jul-02	8:37	3,246,000	13,000,469	2.49	2.4	32.0	16.0	15.5	4.0	3.5	3.0	2.5	
13-Jul-02	6:38	3,249,200	13,003,669	2.42	2.4	32.0	16.0	16.0	4.0	3.5	3.0	2.5	
14-Jul-02	5:17	3,252,500	13,006,969	2.43	2.4	32.0	16.0	16.0	4.0	3.5	3.0	2.5	
15-Jul-02	9:07	3,256,500	13,010,969	2.40	2.4	32.0	16.0	16.0	4.0	3.5	3.0	2.5	
16-Jul-02	8:08	3,259,800	13,014,269	2.39	2.3	32.0	16.0	16.0	4.0	3.5	3.0	2.5	
17-Jul-02	7:48	3,263,200	13,017,669	2.39	2.3	32.0	17.0	17.0	4.0	3.5	3.0	2.5	
18-Jul-02	8:56	3,266,800	13,021,269	2.39	2.3	32.0	17.0	17.0	4.5	3.5	3.0	2.5	
19-Jul-02	8:37	3,270,100	13,024,569	2.32	2.3	32.0	17.0	17.0	4.5	3.5	3.0	2.5	
20-Jul-02	6:54	3,273,200	13,027,669	2.32	2.3	32.0	17.0	17.0	4.5	3.5	3.0	2.5	
21-Jul-02	7:15	3,276,700	13,031,169	2.40	2.3	32.0	17.5	17.0	4.5	3.5	3.0	2.5	
22-Jul-02	8:20	3,280,300	13,034,769	2.39	2.3	32.0	18.0	18.0	4.5	3.5	3.0	2.5	
23-Jul-02	9:00	3,283,600	13,038,069	2.23	2.3	32.0	18.0	18.0	4.5	3.5	3.0	2.5	
24-Jul-02	8:24	3,286,900	13,041,369	2.35	2.3	34.0	20.0	19.0	4.5	3.5	3.0	2.5	
25-Jul-02	9:30	3,290,600	13,045,069	2.46	2.3	34.0	20.0	20.0	5.0	3.5	3.0	2.5	Changed filters
26-Jul-02	8:15	3,294,100	13,048,569	2.56	2.3	28.0	8.0	7.0	5.0	3.5	3.0	2.5	
27-Jul-02	4:55	3,297,500	13,051,969	2.74	2.3	26.0	2.5	2.5	3.0	3.5	3.0	2.5	
28-Jul-02	5:30	3,301,200	13,055,669	2.51	2.3	26.0	2.5	2.5	3.0	3.5	3.0	2.5	
29-Jul-02	9:22	3,306,200	13,060,669	2.99	2.7	26.0	3.0	3.5	3.0	4.0	3.0	2.5	
30-Jul-02	8:09	3,309,900	13,064,369	2.71	2.7	26.0	3.0	3.5	3.0	4.0	3.2	2.5	
31-Jul-02	9:41	3,314,100	13,068,569	2.74	2.7	26.0	3.0	3.5	3.2	4.0	3.2	2.5	
01-Aug-02	8:44	3,317,800	13,072,269	2.68	2.7	26.0	3.0	3.8	3.2	4.0	3.2	2.5	
02-Aug-02	7:32	3,321,500	13,075,969	2.70	2.7	26.0	4.0	4.0	3.2	4.0	3.2	2.5	
03-Aug-02	9:00	3,325,700	13,080,169	2.75	2.6	26.0	4.0	4.0	3.2	4.0	3.2	2.5	
04-Aug-02	7:04	3,329,200	13,083,669	2.64	2.7	26.0	4.0	4.0	3.2	3.5	3.2	2.5	
05-Aug-02	8:40	3,333,400	13,087,869	2.73	2.6	26.0	4.0	4.0	3.0	3.5	3.2	2.5	
06-Aug-02	9:20	3,337,500	13,091,969	2.77	2.7	27.0	4.0	4.0	3.0	3.5	3.0	2.7	
07-Aug-02	9:30	3,341,400	13,095,869	2.69	2.7	27.0	4.0	4.0	3.0	3.5	3.0	2.5	
08-Aug-02	8:30	3,345,200	13,099,669	2.75	2.7	26.0	4.0	4.0	3.5	3.5	3.0	2.5	
09-Aug-02	6:15	3,348,400	13,102,869	2.45	2.7	26.0	4.0	3.5	3.0	3.5	3.0	2.5	
10-Aug-02	5:40	3,352,800	13,107,269	3.13	2.7	26.0	4.0	3.5	3.0	3.5	3.0	2.5	
11-Aug-02	6:30	3,356,700	13,111,169	2.62	2.6	26.0	4.0	3.0	3.0	3.5	3.0	2.5	
12-Aug-02	8:06	3,360,600	13,115,069	2.54	2.7	26.0	4.0	4.0	3.0	3.5	3.0	2.5	
13-Aug-02	8:24	3,364,200	13,118,669	2.47	2.7	26.0	4.0	4.0	3.0	3.5	3.2	2.7	
14-Aug-02	9:45	3,367,900	13,122,369	2.43	2.7	26.0	4.0	4.0	3.0	3.5	3.5	2.7	
15-Aug-02	2:20	3,368,700	13,123,169	0.47	2.9	26.0	4.0	4.0	3.0	3.5	3.5	3.0	System in alarm, OK.
16-Aug-02	8:10	3,371,700	13,126,169	2.80	2.7	26.0	4.0	4.0	3.0	3.5	3.5	3.0	
17-Aug-02	8:24	3,375,500	13,129,969	2.61	2.7	26.0	4.0	4.0	3.0	3.5	3.5	3.0	System in alarm, reset.
18-Aug-02	8:09	3,378,000	13,132,469	1.75	2.7	26.0	4.0	4.0	3.0	3.5	3.5	3.0	
19-Aug-02	7:56	3,382,200	13,136,669	2.94	2.7	27.0	4.0	4.0	3.0	3.5	3.5	3.0	
20-Aug-02	7:52	3,385,400	13,139,869	2.23	2.7	27.0	4.0	3.5	3.0	3.5	3.5	3.0	
21-Aug-02	7:40	3,389,300	13,143,769	2.73	2.7	27.0	4.0	3.5	3.0	3.5	3.5	3.0	
22-Aug-02	7:00	3,393,200	13,147,669	2.79	2.7	27.0	4.0	3.5	3.0	3.5	3.5	3.0	

**Former IBM B952/982 Leased Property
Groundwater Extraction Well 952-30R
Operations and Maintenance Data**

Date	Time	Totalizer Reading	Cumulative Discharge (gal)	Ave. Flow Rate (gpm)	Inst. Flow Rate (gpm)	Pressure Gauge Measurements (psi)							Comments
						1	2	3	4	5	6	7	
23-Aug-02	7:23	3,397,100	13,151,569	2.67	2.7	27.0	4.0	3.5	3.0	3.5	3.5	3.0	
24-Aug-02	5:38	3,400,300	13,154,769	2.40	2.7	27.0	4.0	3.5	3.0	3.5	3.5	3.0	
25-Aug-02	5:01	3,403,800	13,158,269	2.49	2.8	27.0	4.0	3.5	3.0	3.5	3.5	3.0	
26-Aug-02	8:00	3,408,200	13,162,669	2.72	2.8	27.0	4.0	3.5	3.0	3.5	3.5	3.0	
27-Aug-02	7:10	3,411,700	13,166,169	2.52	2.8	27.0	4.0	3.5	3.0	3.5	3.5	3.0	
28-Aug-02	6:15	3,415,400	13,169,869	2.67	2.8	26.0	4.0	3.5	3.0	3.5	3.5	3.0	
29-Aug-02	7:10	3,418,200	13,172,669	1.87	2.8	27.0	4.0	3.5	3.0	3.5	3.5	3.0	
30-Aug-02	8:30	3,423,800	13,178,269	3.68	2.8	27.0	4.0	3.5	3.0	3.5	3.5	3.0	
31-Aug-02	5:30	3,426,800	13,181,269	2.38	2.8	28.0	4.1	4.0	3.0	3.5	3.5	3.0	
01-Sep-02	5:45	3,431,100	13,185,569	2.96	2.8	28.0	4.1	4.0	3.0	3.5	3.5	3.0	
02-Sep-02	7:30	3,435,700	13,190,169	2.98	2.8	30.0	4.2	4.0	3.0	3.5	3.5	3.0	
03-Sep-02	8:30	3,439,200	13,193,669	2.33	2.8	30.0	4.3	4.0	3.0	3.5	3.5	3.0	
04-Sep-02	8:27	3,443,900	13,198,369	3.27	2.8	30.0	4.3	4.0	3.0	3.5	3.5	3.0	
05-Sep-02	9:32	3,448,100	13,202,569	2.79	2.8	30.0	4.3	4.0	3.0	3.5	3.5	3.0	
06-Sep-02	8:14	3,452,000	13,206,469	2.86	2.8	30.0	4.3	4.0	3.0	3.5	3.5	3.0	
07-Sep-02	1:30	3,456,900	13,211,369	2.79	2.7	28.0	6.0	4.5	3.0	3.5	3.5	3.0	
08-Sep-02	7:51	3,460,000	13,214,469	2.82	2.7	28.0	6.0	4.8	3.2	3.5	3.5	3.0	
09-Sep-02	8:22	3,464,100	13,218,569	2.79	2.7	28.0	6.0	4.8	3.2	3.5	3.5	3.0	
10-Sep-02	8:38	3,468,100	13,222,569	2.75	2.7	28.0	6.0	4.8	3.2	3.5	3.5	3.0	
11-Sep-02	1:09	3,472,800	13,227,269	2.75	2.7	28.0	6.0	4.8	3.2	3.5	3.5	3.0	
12-Sep-02	7:53	3,475,700	13,230,169	2.58	2.7	28.0	6.0	4.8	3.2	3.5	3.5	3.0	
13-Sep-02	8:22	3,479,700	13,234,169	2.72	2.7	28.0	6.0	4.8	3.2	3.5	3.5	3.0	
14-Sep-02	5:55	3,483,300	13,237,769	2.78	2.7	28.0	6.0	4.8	3.2	3.5	3.5	3.0	
15-Sep-02	5:15	3,487,000	13,241,469	2.64	2.7	28.0	4.0	4.2	3.0	3.5	3.5	2.5	
16-Sep-02	7:15	3,490,900	13,245,369	2.50	2.7	28.0	5.0	4.2	3.0	3.5	3.5	2.5	
17-Sep-02	8:10	3,494,900	13,249,369	2.68	2.7	32.0	5.5	4.5	3.0	3.5	3.0	2.5	
18-Sep-02	8:05	3,499,000	13,253,469	2.86	2.7	30.0	6.0	5.0	3.5	3.5	3.5	2.8	
19-Sep-02	8:26	3,503,100	13,257,569	2.81	2.8	29.0	6.0	5.1	3.2	3.5	3.2	2.5	
20-Sep-02	8:10	3,507,100	13,261,569	2.81	2.7	29.0	6.0	5.1	3.2	3.5	3.5	2.7	
21-Sep-02	7:38	3,511,000	13,265,469	2.77	2.7	28.0	6.0	5.2	3.5	3.5	3.2	2.7	
22-Sep-02	8:44	3,515,100	13,269,569	2.72	2.7	28.0	6.0	5.5	3.5	3.5	3.2	2.7	
23-Sep-02	9:15	3,519,100	13,273,569	2.72	2.7	28.0	5.5	5.5	3.5	3.5	3.0	2.5	
24-Sep-02	9:00	3,522,800	13,277,269	2.60	2.7	28.0	4.5	4.5	3.0	3.5	2.5	2.5	
25-Sep-02	9:10	3,526,800	13,281,269	2.76	2.7	28.0	4.5	4.5	3.0	3.5	2.5	2.5	
26-Sep-02	9:50	3,530,100	13,284,569	2.23	2.9	28.0	4.5	4.5	3.0	3.5	2.5	2.5	
27-Sep-02	8:30	3,533,500	13,287,969	2.50	2.7	28.0	4.5	4.5	3.5	3.5	2.5	2.5	
28-Sep-02	5:30	3,537,100	13,291,569	2.86	2.7	30.0	6.0	5.0	2.5	3.5	2.5	2.5	
29-Sep-02	6:00	3,541,300	13,295,769	2.86	2.8	30.0	6.0	5.0	2.5	3.5	2.5	2.5	
30-Sep-02	9:00	3,545,800	13,300,269	2.78	2.8	30.0	6.0	5.0	2.5	3.5	2.5	2.5	
01-Oct-02	8:22	3,549,700	13,304,169	2.78	2.8	30.0	6.0	5.0	3.0	3.5	3.0	2.5	
02-Oct-02	8:02	3,553,700	13,308,169	2.82	2.7	30.0	6.0	5.5	3.0	3.5	3.0	2.5	
03-Oct-02	8:46	3,557,500	13,311,969	2.79	2.7	30.0	6.0	5.5	3.0	3.5	3.0	2.5	
04-Oct-02	8:17	3,561,700	13,316,169	2.74	2.7	30.0	7.0	5.5	3.0	3.5	3.0	2.5	
05-Oct-02	6:38	3,565,400	13,319,869	2.76	2.7	30.0	7.0	5.5	3.0	3.5	3.0	2.5	
06-Oct-02	7:05	3,569,400	13,323,869	2.73	2.7	30.0	7.0	6.0	3.2	3.5	3.0	2.5	
07-Oct-02	8:00	3,573,500	13,327,969	2.74	2.7	30.0	7.0	6.0	3.2	3.5	3.0	2.5	
08-Oct-02	8:15	3,577,400	13,331,869	2.68	2.7	30.0	7.0	6.0	3.2	3.5	3.0	2.5	
09-Oct-02	7:40	3,581,200	13,335,669	2.70	2.7	30.0	7.5	6.5	3.2	3.5	3.0	2.5	
10-Oct-02	8:00	3,585,400	13,339,869	2.88	2.7	30.0	7.5	6.5	3.5	3.5	3.0	2.5	
11-Oct-02	7:50	3,588,800	13,343,269	2.38	2.7	30.0	7.5	6.5	3.5	3.5	3.0	2.5	
12-Oct-02	6:35	3,592,500	13,346,969	2.71	2.7	30.0	7.0	6.0	3.5	3.5	3.0	2.5	
13-Oct-02	7:30	3,596,700	13,351,169	2.81	2.7	30.0	7.0	6.0	3.5	3.5	3.0	2.5	
14-Oct-02	7:55	3,600,100	13,354,569	2.32	2.7	30.0	7.0	6.0	3.5	3.5	3.0	2.5	
15-Oct-02	7:48	3,604,900	13,359,369	3.35	2.8	31.0	8.0	7.0	3.5	3.5	3.0	2.5	
16-Oct-02	7:32	3,608,800	13,363,269	2.74	2.7	31.0	8.0	7.0	3.5	3.5	3.0	2.5	
17-Oct-02	7:35	3,612,900	13,367,369	2.84	2.8	32.0	8.0	7.0	3.5	3.5	3.0	2.5	
18-Oct-02	7:58	3,617,000	13,371,469	2.80	2.8	32.0	8.0	7.0	3.5	3.5	3.0	2.5	
19-Oct-02	8:12	3,621,100	13,375,569	2.82	2.8	32.0	8.0	7.0	3.5	3.5	3.0	2.5	
20-Oct-02	5:40	3,624,700	13,379,169	2.80	2.5	32.0	8.0	7.0	3.5	3.5	3.0	2.5	
21-Oct-02	7:53	3,629,000	13,383,469	2.73	2.5	32.0	8.0	7.0	3.5	3.5	3.0	2.5	
22-Oct-02	7:32	3,633,000	13,387,469	2.82	2.5	32.0	8.0	7.0	3.5	3.5	3.0	2.5	
23-Oct-02	6:43	3,636,800	13,391,269	2.73	2.8	32.0	8.0	7.0	3.5	3.5	3.0	2.5	
24-Oct-02	3:29	3,640,200	13,394,669	2.73	2.8	32.0	8.0	7.0	3.5	4.0	3.0	3.0	
25-Oct-02	8:50	3,645,100	13,399,569	2.78	2.7	32.0	8.0	8.0	4.0	4.0	3.0	3.0	
26-Oct-02	8:40	3,649,000	13,403,469	2.73	2.7	32.0	9.0	8.0	4.0	4.5	3.0	3.0	
27-Oct-02	7:55	3,653,200	13,407,669	3.01	2.7	32.0	9.0	8.0	4.0	4.5	3.0	3.0	
28-Oct-02	9:14	3,657,000	13,411,469	2.50	2.7	32.0	9.0	8.0	4.0	4.5	3.1	3.0	
29-Oct-02	8:04	3,660,900	13,415,369	2.85	2.7	31.0	9.0	8.5	4.0	4.0	3.0	3.0	
30-Oct-02	7:50	3,664,800	13,419,269	2.73	2.7	31.0	9.0	8.5	4.0	4.0	3.1	3.0	
31-Oct-02	9:15	3,669,000	13,423,469	2.75	2.7	31.0	9.0	8.5	4.0	4.0	3.1	3.0	
01-Nov-02	10:45	3,673,000	13,427,469	2.61	2.7	31.0	9.0	8.5	4.0	4.0	3.5	3.0	
02-Nov-02	6:11	3,676,200	13,430,669	2.74	2.7	31.0	10.0	9.0	4.5	4.0	3.0	2.5	
03-Nov-02	5:10	3,680,000	13,434,469	2.76	2.7	31.0	10.0	9.0	4.5	4.0	3.0	2.5	
04-Nov-02	8:11	3,684,300	13,438,769	2.65	2.6	31.0	10.0	9.0	4.5	4.0	3.0	2.5	
05-Nov-02	10:04	3,688,500	13,442,969	2.70	2.6	31.0	10.0	9.0	4.5	4.0	3.2	2.7	
06-Nov-02	9:20	3,692,200	13,446,669	2.65	2.6	31.0	10.0	9.0	4.8	4.0	3.2	2.7	
07-Nov-02	8:36	3,695,900	13,450,369	2.65	2.7	31.0	10.0	9.0	4.8	4.0	3.2	2.7	
08-Nov-02	8:23	3,699,700	13,454,169	2.66	2.6	31.0	10.0	9.0	4.8	4.0	3.2	2.7	

**Former IBM B952/982 Leased Property
Groundwater Extraction Well 952-30R
Operations and Maintenance Data**

Date	Time	Totalizer Reading	Cumulative Discharge (gal)	Ave. Flow Rate (gpm)	Inst. Flow Rate (gpm)	Pressure Gauge Measurements (psi)							Comments
						1	2	3	4	5	6	7	
09-Nov-02	5:38	3,703,200	13,457,669	2.75	2.6	31.0	10.0	9.2	4.9	4.0	3.2	2.8	
10-Nov-02	7:42	3,707,300	13,461,769	2.82	2.6	31.0	10.0	9.2	4.9	4.0	3.2	2.8	
11-Nov-02	8:35	3,711,300	13,465,769	2.68	2.6	31.0	10.0	9.2	4.9	4.0	3.2	2.8	Reloaded DIC Program, battery chan
12-Nov-02	8:18	3,715,100	13,469,569	2.67	2.6	31.0	10.0	9.0	4.8	4.0	3.2	2.8	
13-Nov-02	8:26	3,718,900	13,473,369	2.62	2.6	31.0	10.0	9.0	4.8	4.0	3.2	2.8	
14-Nov-02	8:43	3,722,800	13,477,269	2.68	2.6	31.0	10.0	9.0	4.8	4.0	3.2	2.8	
15-Nov-02	7:45	3,726,400	13,480,869	2.60	2.6	31.0	10.0	9.1	4.8	4.0	3.2	2.8	
16-Nov-02	6:10	3,730,000	13,484,469	2.68	2.6	31.0	10.0	9.5	4.8	4.0	3.2	2.8	
17-Nov-02	7:50	3,734,000	13,488,469	2.60	2.6	31.0	10.0	9.8	4.8	4.0	3.2	2.8	
18-Nov-02	8:20	3,738,100	13,492,569	2.79	2.7	32.0	10.5	10.0	5.0	4.0	3.0	2.5	
19-Nov-02	9:10	3,742,100	13,496,569	2.68	2.7	32.0	10.5	10.0	5.0	4.0	2.5	2.5	
20-Nov-02	11:00	3,746,500	13,500,969	2.84	2.7	34.0	10.5	10.0	5.0	4.5	3.0	3.0	
21-Nov-02	10:15	3,750,100	13,504,569	2.58	2.7	34.0	10.5	10.0	5.0	4.5	3.0	3.0	
22-Nov-02	9:40	3,753,900	13,508,369	2.70	2.7	34.0	10.5	10.0	5.0	4.5	3.0	3.0	
23-Nov-02	5:45	3,757,300	13,511,769	2.82	2.7	34.0	10.5	10.0	5.0	4.5	2.5	2.5	
24-Nov-02	5:30	3,761,100	13,515,569	2.67	2.7	34.0	10.5	10.0	5.0	4.5	3.0	3.0	
25-Nov-02	8:35	3,765,400	13,519,869	2.65	2.7	34.0	10.5	10.0	5.0	4.5	3.0	3.0	
26-Nov-02	8:45	3,769,300	13,523,769	2.69	2.7	34.0	10.5	10.0	5.0	4.5	3.0	3.0	
27-Nov-02	7:40	3,773,000	13,527,469	2.69	2.7	34.0	10.8	10.0	5.0	4.5	3.0	3.0	
28-Nov-02	7:45	3,776,900	13,531,369	2.70	2.7	34.0	10.8	10.0	5.0	4.5	3.0	3.0	
29-Nov-02	7:00	3,780,100	13,534,569	2.29	2.7	34.0	10.8	10.0	5.0	4.5	3.0	3.0	
30-Nov-02	8:15	3,784,700	13,539,169	3.04	2.7	34.0	10.8	10.0	5.0	4.5	3.0	3.0	
01-Dec-02	6:35	3,788,400	13,542,869	2.76	2.7	34.0	10.8	10.0	5.0	4.5	3.0	3.0	
02-Dec-02	8:23	3,792,300	13,546,769	2.52	2.7	34.0	10.8	10.0	5.0	4.5	3.0	3.0	
03-Dec-02	9:30	3,796,300	13,550,769	2.65	2.7	32.0	10.8	10.0	5.0	4.5	3.0	3.0	
04-Dec-02	8:30	3,800,000	13,554,469	2.68	2.7	32.0	10.8	10.2	5.0	4.5	3.0	3.0	
05-Dec-02	8:23	3,803,700	13,558,169	2.58	2.7	32.0	10.8	10.2	5.0	4.5	3.0	3.0	
06-Dec-02	9:21	3,807,600	13,562,069	2.60	2.7	32.0	10.8	10.2	5.0	4.5	3.0	3.0	
07-Dec-02	7:50	3,811,200	13,565,669	2.67	2.7	32.0	10.8	10.2	5.0	4.5	3.0	3.0	
08-Dec-02	8:11	3,815,000	13,569,469	2.60	2.7	32.0	10.8	10.2	5.0	4.5	3.0	3.0	
09-Dec-02	8:45	3,818,800	13,573,269	2.58	2.5	32.0	12.0	11.0	5.0	4.5	3.0	3.0	
10-Dec-02	8:20	3,822,500	13,576,969	2.61	2.5	32.0	12.0	11.0	5.0	4.5	3.0	3.0	
11-Dec-02	6:24	3,826,000	13,580,469	2.64	2.5	32.0	12.0	11.0	5.0	4.5	3.0	3.0	
12-Dec-02	8:25	3,830,000	13,584,469	2.56	2.5	32.0	12.0	11.0	5.0	4.5	3.0	3.0	
13-Dec-02	5:43	3,833,300	13,587,769	2.58	2.6	32.0	12.0	11.0	5.0	4.5	3.0	3.0	
14-Dec-02	6:51	3,837,300	13,591,769	2.65	2.6	32.0	12.0	11.0	5.0	4.5	3.0	3.0	
15-Dec-02	7:07	3,841,100	13,595,569	2.61	2.6	34.0	12.0	11.0	5.0	4.5	3.0	3.0	
16-Dec-02	8:53	3,845,200	13,599,669	2.65	2.6	34.0	12.0	11.0	5.0	4.5	3.0	3.0	
17-Dec-02	9:52	3,849,200	13,603,669	2.67	2.6	34.0	13.0	12.0	5.5	4.5	3.0	3.0	
18-Dec-02	10:50	3,853,200	13,607,669	2.67	2.6	34.0	13.0	12.0	5.5	4.5	3.2	3.0	
19-Dec-02	8:31	3,856,700	13,611,169	2.69	2.6	34.0	13.0	12.0	5.5	4.5	3.2	3.0	
20-Dec-02	9:32	3,860,700	13,615,169	2.66	2.6	34.0	13.0	12.0	5.5	4.5	3.2	3.0	
21-Dec-02	7:12	3,864,100	13,618,569	2.62	2.6	34.0	13.0	12.0	5.5	4.5	3.2	3.0	
22-Dec-02	10:00	3,868,300	13,622,769	2.61	2.6	34.0	13.0	12.0	5.5	4.5	3.2	3.0	
23-Dec-02	7:57	3,871,000	13,625,469	2.05	2.6	34.0	13.0	12.0	5.5	4.6	3.2	3.0	
24-Dec-02	7:21	3,875,600	13,630,069	3.28	2.6	34.0	12.0	12.0	5.5	4.6	3.2	3.0	
25-Dec-02	5:48	3,879,200	13,633,669	2.67	2.6	34.0	13.0	11.5	5.5	4.6	3.2	3.0	
26-Dec-02	7:34	3,883,200	13,637,669	2.59	2.6	34.0	12.0	11.5	5.5	4.6	3.2	3.0	
27-Dec-02	8:19	3,887,700	13,642,169	3.03	2.8	34.0	12.1	11.8	5.5	4.6	3.2	3.0	
28-Dec-02	7:09	3,890,800	13,645,269	2.26	2.6	34.0	13.0	12.0	5.5	4.6	3.2	3.0	
29-Dec-02	9:00	3,894,600	13,649,069	2.45	2.6	34.0	12.0	12.0	5.5	4.6	3.2	3.0	
30-Dec-02	8:22	3,898,500	13,652,969	2.78	2.6	33.0	13.0	12.0	5.5	4.5	3.2	3.0	
31-Dec-02	8:24	3,902,300	13,656,769	2.64	2.6	34.0	13.0	12.0	5.5	4.5	3.2	3.0	

Appendix B
Groundwater Treatment System Effectiveness Report

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Former Building 952/982 Site
 GM Treatment System Effectiveness Data Report
 January 1, 2002 - December 31, 2002

SAMPLE LOCATION	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	01/02/02	02/06/02	03/06/02	04/03/02	05/08/02
LABORATORY SAMPLE I.D.	207143-2	208364-2	209274-2	210228-2	211482-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
ALCOHOLS, ACETATES, ALDEHYDES, KETONES					
BENZYL ALCOHOL	ug/L	NA	NA	NA	NA
ACID EXTRACTABLES					
2,4,5-TRICHLOROPHENOL	ug/L	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	ug/L	NA	NA	NA	NA
2,4-DICHLOROPHENOL	ug/L	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	ug/L	NA	NA	NA	NA
2,4-DINITROPHENOL	ug/L	NA	NA	NA	NA
2-CHLOROPHENOL	ug/L	NA	NA	NA	NA
2-CRESOL	ug/L	NA	NA	NA	NA
2-NITROPHENOL	ug/L	NA	NA	NA	NA
4,6-DINITRO-2-CRESOL	ug/L	NA	NA	NA	NA
4-CHLORO-3-CRESOL	ug/L	NA	NA	NA	NA
4-CRESOL	ug/L	NA	NA	NA	NA
4-NITROPHENOL	ug/L	NA	NA	NA	NA
PENTACHLOROPHENOL	ug/L	NA	NA	NA	NA
PHENOL	ug/L	NA	NA	NA	NA

BASE/NEUTRAL EXTRACTABLES	UNITS	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
1,2,3-TRICHLOROBENZENE	ug/L	ND#1	ND#1	ND#1	ND#1
1,2,4-TRICHLOROBENZENE	ug/L	ND#1	ND#1	ND#1	ND#1
1,2,4-TRIMETHYLBENZENE	ug/L	ND#1	ND#1	ND#1	ND#1
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND#1	ND#1	ND#1	ND#1
1,2-DICHLOROBENZENE	ug/L	ND#1	ND#1	ND#1	ND#1
1,3,5-TRIMETHYLBENZENE	ug/L	ND#1	ND#1	ND#1	ND#1
1,3-DICHLOROBENZENE	ug/L	ND#1	ND#1	ND#1	ND#1
1,4-DICHLOROBENZENE	ug/L	ND#1	ND#1	ND#1	ND#1
1-CHLOROPROPANE	ug/L	NA	NA	NA	NA
2,4-DINITROTOLUENE	ug/L	NA	NA	NA	NA
2,6-DINITROTOLUENE	ug/L	NA	NA	NA	NA
2-CHLORONAPHTHALENE	ug/L	NA	NA	NA	NA
2-METHYLNAPHTHALENE	ug/L	NA	NA	NA	NA
2-NITROANILINE	ug/L	NA	NA	NA	NA
3,3'-DICHLOROBENZIDENE	ug/L	NA	NA	NA	NA
3-NITROANILINE	ug/L	NA	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER	ug/L	NA	NA	NA	NA
4-CHLOROANILINE	ug/L	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	ug/L	NA	NA	NA	NA

Former Building 952/982 Site
 GW Treatment System Effectiveness Data Report
 January 1, 2002 - December 31, 2002

SAMPLE LOCATION	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	01/02/02	02/06/02	03/06/02	04/03/02	05/08/02
LABORATORY SAMPLE I.D.	207143-2	208364-2	209274-2	210228-2	212400-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
BASE/NEUTRAL EXTRACTABLES (Continued)					
4-NITROANILINE	ug/L	NA	NA	NA	NA
ACENAPHTHENE	ug/L	NA	NA	NA	NA
ACENAPHTHYLENE	ug/L	NA	NA	NA	NA
ANTHRACENE	ug/L	NA	NA	NA	NA
BENZO(A)ANTHRACENE	ug/L	NA	NA	NA	NA
BENZO(A)PYRENE	ug/L	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	ug/L	NA	NA	NA	NA
BENZO(GHI)PERYLENE	ug/L	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	ug/L	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	ug/L	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	ug/L	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	ug/L	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	ug/L	NA	NA	NA	NA
CHRYSENE	ug/L	NA	NA	NA	NA
DI-N-BUTYL PHTHALATE	ug/L	NA	NA	NA	NA
DI-N-OCTYL PHTHALATE	ug/L	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	ug/L	NA	NA	NA	NA
DIBENZOFURAN	ug/L	NA	NA	NA	NA
DIETHYL PHTHALATE	ug/L	NA	NA	NA	NA
DIMETHYL PHTHALATE	ug/L	NA	NA	NA	NA
FLUORANTHENE	ug/L	NA	NA	NA	NA
FLUORENE	ug/L	NA	NA	NA	NA
HEXACHLOROBENZENE	ug/L	NA	NA	NA	NA
HEXACHLOROBUTADIENE	ug/L	ND@1	ND@1	ND@1	ND@1
HEXACHLOROCYCLOPENTADIENE	ug/L	NA	NA	NA	NA
HEXACHLOROETHANE	ug/L	NA	NA	NA	NA
INDENO(1,2,3-c,d)PYRENE	ug/L	NA	NA	NA	NA
ISOPHORONE	ug/L	NA	NA	NA	NA
N-NITROSODI-N-PROPYLAMINE	ug/L	NA	NA	NA	NA
N-NITROSODIMETHYLAMINE	ug/L	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	ug/L	ND@1	ND@1	ND@1	ND@1
N-PROPYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
NAPHTHALENE	ug/L	NA	NA	NA	NA
NITROBENZENE	ug/L	NA	NA	NA	NA
PHENANTHRENE	ug/L	NA	NA	NA	NA
PYRENE	ug/L	NA	NA	NA	NA
STYRENE	ug/L	ND@1	ND@1	ND@1	ND@1

INDICATOR PARAMETERS	UNITS	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
BIOCHEMICAL OXYGEN DEMAND	mg/L	NA	NA	NA	NA
CHEMICAL OXYGEN DEMAND	mg/L	NA	NA	NA	NA

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AFTR CARB 1

SAMPLE LOCATION	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	01/02/02	02/05/02	04/03/02	05/08/02	06/05/02
LABORATORY SAMPLE I.D.	207143-2	208364-2	210228-2	211482-2	212400-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
INDICATOR PARAMETERS (Continued)					
PH		NA	NA	NA	NA
TEMPERATURE		NA	NA	NA	NA
TOTAL SUSPENDED SOLIDS	mg/L	NA	NA	NA	NA
TURBIDITY	tu	NA	NA	NA	NA
PETROLEUM PRODUCTS					
OIL & GREASE					
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DIBROMOETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1
2,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOCHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CIS-1,2-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1

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SAMPLE LOCATION	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	01/02/02	02/06/02	03/06/02	04/03/02	05/08/02
LABORATORY SAMPLE I.D.	207143-2	208364-2	209274-2	210228-2	211482-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
DIBROMOMETHANE	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1
ISOPROPYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1
M, P-XYLENE	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ND@1	ND@1	ND@1	ND@1	ND@1
N-BUTYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1
O-XYLENE	ND@1	ND@1	ND@1	ND@1	ND@1
P-ISOPROPYLTOLUENE	ND@1	ND@1	ND@1	ND@1	ND@1
SEC-BUTYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1
TERT-BUTYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,2-DICHLOROETHYLENE	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ND@1	ND@1	ND@1	ND@1	ND@1

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AFTR CARB 1

SAMPLE LOCATION	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	07/03/02	08/07/02	10/02/02	11/06/02	12/04/02
LABORATORY SAMPLE I.D.	213445-2	214698-2	216752-2	217960-2	218769-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
ALCOHOLS, ACETATES, ALDEHYDES, KETONES					
BENZYL ALCOHOL	ug/l	NA	NA	NA	NA
ACID EXTRACTABLES					
2,4,5-TRICHLOROPHENOL	ug/l	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	ug/l	NA	NA	NA	NA
2,4-DICHLOROPHENOL	ug/l	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	ug/l	NA	NA	NA	NA
2,4-DINITROPHENOL	ug/l	NA	NA	NA	NA
2-CHLOROPHENOL	ug/l	NA	NA	NA	NA
2-CRESOL	ug/l	NA	NA	NA	NA
2-NITROPHENOL	ug/l	NA	NA	NA	NA
4,6-DINITRO-2-CRESOL	ug/l	NA	NA	NA	NA
4-CHLORO-3-CRESOL	ug/l	NA	NA	NA	NA
4-CRESOL	ug/l	NA	NA	NA	NA
4-NITROPHENOL	ug/l	NA	NA	NA	NA
PENTACHLOROPHENOL	ug/l	NA	NA	NA	NA
PHENOL	ug/l	NA	NA	NA	NA

PARAMETER	UNITS	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
BASE/NEUTRAL EXTRACTABLES					
1,2,3-TRICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2,4-TRICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2,4-TRIMETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DIBROMO-3-CHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3,5-TRIMETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROPROPANE	ug/l	NA	NA	NA	NA
2,4-DINITROTOLUENE	ug/l	NA	NA	NA	NA
2,6-DINITROTOLUENE	ug/l	NA	NA	NA	NA
2-CHLORONAPHTHALENE	ug/l	NA	NA	NA	NA
2-METHYLNAPHTHALENE	ug/l	NA	NA	NA	NA
2-NITROANILINE	ug/l	NA	NA	NA	NA
3,3'-DICHLOROBENZIDENE	ug/l	NA	NA	NA	NA
3-NITROANILINE	ug/l	NA	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER	ug/l	NA	NA	NA	NA
4-CHLOROANILINE	ug/l	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	ug/l	NA	NA	NA	NA

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AFTR CARB 1

SAMPLE LOCATION	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	07/03/02	08/07/02	09/04/02	10/02/02	12/04/02
LABORATORY SAMPLE I.D.	213445-2	214698-2	215684-2	216752-2	218769-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES (continued)						
4-NITROANILINE	ug/l	NA	NA	NA	NA	NA
ACENAPHTHENE	ug/l	NA	NA	NA	NA	NA
ACENAPHTHYLENE	ug/l	NA	NA	NA	NA	NA
ANTHRACENE	ug/l	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	ug/l	NA	NA	NA	NA	NA
BENZO(A)PYRENE	ug/l	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	ug/l	NA	NA	NA	NA	NA
BENZO(GHI)PERYLENE	ug/l	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	ug/l	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	ug/l	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	ug/l	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	ug/l	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	ug/l	NA	NA	NA	NA	NA
CHRYSENE	ug/l	NA	NA	NA	NA	NA
DI-N-BUTYL PHTHALATE	ug/l	NA	NA	NA	NA	NA
DI-N-OCTYL PHTHALATE	ug/l	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	ug/l	NA	NA	NA	NA	NA
DIBENZOFURAN	ug/l	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	ug/l	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	ug/l	NA	NA	NA	NA	NA
FLUORANTHENE	ug/l	NA	NA	NA	NA	NA
FLUORENE	ug/l	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	ug/l	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
HEXACHLOROCYCLOPENTADIENE	ug/l	NA	NA	NA	NA	NA
HEXACHLOROETHANE	ug/l	NA	NA	NA	NA	NA
INDENO(1,2,3-c,d)PYRENE	ug/l	NA	NA	NA	NA	NA
ISOPHORONE	ug/l	NA	NA	NA	NA	NA
N-NITROSODI-N-PROPYLAMINE	ug/l	NA	NA	NA	NA	NA
N-NITROSODIMETHYLAMINE	ug/l	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	ug/l	NA	NA	NA	NA	NA
N-PROPYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
NAPHTHALENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
NITROBENZENE	ug/l	NA	NA	NA	NA	NA
PHENANTHRENE	ug/l	NA	NA	NA	NA	NA
PYRENE	ug/l	NA	NA	NA	NA	NA
STYRENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
INDICATOR PARAMETERS						
BIOCHEMICAL OXYGEN DEMAND	mg/l	NA	NA	NA	NA	NA
CHEMICAL OXYGEN DEMAND	mg/l	NA	NA	NA	NA	NA

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AFTR CARB 1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES	AFTR CARB 1 952-30R 07/05/02 213445-2 01	AFTR CARB 1 952-30R 08/07/02 214698-2 01	AFTR CARB 1 952-30R 09/04/02 215684-2 01	AFTR CARB 1 952-30R 10/02/02 216752-2 01	AFTR CARB 1 952-30R 11/06/02 217960-2 01	AFTR CARB 1 952-30R 12/04/02 218769-2 01
PARAMETER	NA	NA	NA	NA	NA	NA
UNITS						
INDICATOR PARAMETERS (Continued)						
PH	NA	NA	NA	NA	NA	NA
TEMPERATURE	NA	NA	NA	NA	NA	NA
TOTAL SUSPENDED SOLIDS	NA	NA	NA	NA	NA	NA
TURBIDITY	NA	NA	NA	NA	NA	NA
PETROLEUM PRODUCTS						
OIL & GREASE	NA	NA	NA	NA	NA	NA
UNITS						
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,1,1-TRICHLOROETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,1,2,2-TETRACHLOROETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,1,2-TRICHLOROETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,1-DICHLOROETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,1-DICHLOROETHYLENE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,1-DICHLOROPROPENE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,2,3-TRICHLOROPROPANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,2-DIBROMOETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,2-DICHLOROETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,2-DICHLOROPROPANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
1,3-DICHLOROPROPANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
2,2-DICHLOROPROPANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
2-CHLOROTOLUENE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
4-CHLOROTOLUENE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
BENZENE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
BROMOBENZENE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
BROMOCHLOROMETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
BROMODICHLOROMETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
BROMOFORM	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
BROMOMETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
CARBON TETRACHLORIDE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
CHLOROBENZENE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
CHLORODIBROMOMETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
CHLOROETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
CHLOROFORM	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
CHLOROMETHANE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
CIS-1,2-DICHLOROETHYLENE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1
CIS-1,3-DICHLOROPROPYLENE	ND&1	ND&1	ND&1	ND&1	ND&1	ND&1

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SAMPLE LOCATION	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1	AFTR CARB 1
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	07/03/02	08/07/02	09/04/02	10/02/02	11/06/02
LABORATORY SAMPLE I.D.	213445-2	214698-2	215684-2	216752-2	218769-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
DIBROMOMETHANE	NDa1	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	NDa1	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	NDa1	NDa1	NDa1	NDa1	NDa1
ISOPROPYLBENZENE	NDa1	NDa1	NDa1	NDa1	NDa1
M, P-XYLENE	NDa1	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	NDa1	NDa1	NDa1	NDa1	NDa1
N-BUTYLBENZENE	NDa1	NDa1	NDa1	NDa1	NDa1
O-XYLENE	NDa1	NDa1	NDa1	NDa1	NDa1
P-ISOPROPYLTOLUENE	NDa1	NDa1	NDa1	NDa1	NDa1
SEC-BUTYLBENZENE	NDa1	NDa1	NDa1	NDa1	NDa1
TERT-BUTYLBENZENE	NDa1	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	NDa1	NDa1	NDa1	NDa1	NDa1
TOLUENE	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1, 2-DICHLOROETHYLENE	NDa1	NDa1	NDa1	NDa1	NDa1
TRANS-1, 3-DICHLOROPROPENE	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROETHYLENE	NDa1	NDa1	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE	NDa1	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	NDa1	NDa1	NDa1	NDa1	NDa1

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SAMPLE LOCATION	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	01/02/02	02/06/02	03/06/02	04/03/02	04/03/02
LABORATORY SAMPLE I.D.	207143-3	208364-3	209274-3	210229-2	210229-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ALCOHOLS, ACETATES, ALDEHYDES, KETONES					
BENZYL ALCOHOL					
	ug/L	NA	NA	NA	NDa11
ACID EXTRACTABLES					
2,4,5-TRICHLOROPHENOL	ug/L	NA	NA	NA	NDa54
2,4,6-TRICHLOROPHENOL	ug/L	NA	NA	NA	NDa11
2,4-DICHLOROPHENOL	ug/L	NA	NA	NA	NDa11
2,4-DIMETHYLPHENOL	ug/L	NA	NA	NA	NDa27
2,4-DINITROPHENOL	ug/L	NA	NA	NA	NDa11
2-CHLOROPHENOL	ug/L	NA	NA	NA	NDa11
2-CRESOL	ug/L	NA	NA	NA	NDa11
2-NITROPHENOL	ug/L	NA	NA	NA	NDa11
4,6-DINITRO-2-CRESOL	ug/L	NA	NA	NA	NDa27
4-CHLORO-3-CRESOL	ug/L	NA	NA	NA	NDa11
4-CRESOL	ug/L	NA	NA	NA	NDa11
4-NITROPHENOL	ug/L	NA	NA	NA	NDa27
PENTACHLOROPHENOL	ug/L	NA	NA	NA	NDa27
PHENOL	ug/L	NA	NA	NA	NDa11
BASE/NEUTRAL EXTRACTABLES					
1,2,3-TRICHLOROBENZENE	ug/L	NDa1	NA	NDa1	NA
1,2,4-TRICHLOROBENZENE	ug/L	NDa1	NDa11	NDa1	NDa11
1,2,4-TRIMETHYLBENZENE	ug/L	NDa1	NA	NDa1	NA
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	NDa1	NA	NDa1	NA
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa11	NDa1	NDa11
1,3,5-TRIMETHYLBENZENE	ug/L	NDa1	NA	NDa1	NA
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa11	NDa1	NDa11
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa11	NDa1	NDa11
1-CHLOROPROPANE	ug/L	NA	NDa11	NA	NDa11
2,4-DINITROTOLUENE	ug/L	NA	NDa11	NA	NDa11
2,6-DINITROTOLUENE	ug/L	NA	NDa11	NA	NDa11
2-CHLORONAPHTHALENE	ug/L	NA	NDa11	NA	NDa11
2-METHYLNAPHTHALENE	ug/L	NA	NDa11	NA	NDa11
2-NITROANILINE	ug/L	NA	NDa28	NA	NDa27
3,3'-DICHLOROBENZIDENE	ug/L	NA	NDa11	NA	NDa11
3-NITROANILINE	ug/L	NA	NDa28	NA	NDa27
4-BROMOPHENYL PHENYL ETHER	ug/L	NA	NDa11	NA	NDa11
4-CHLOROANILINE	ug/L	NA	NDa11	NA	NDa11
4-CHLOROPHENYL PHENYL ETHER	ug/L	NA	NDa11	NA	NDa11

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SAMPLE LOCATION	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	01/02/02	02/06/02	03/06/02	04/03/02	04/03/02
LABORATORY SAMPLE I.D.	207143-3	208364-3	209274-3	210228-3	210229-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
INDICATOR PARAMETERS (Continued)					
PH		7.89	7.34	7.23	7.21
TEMPERATURE		NA	NA	NA	NA
TOTAL SUSPENDED SOLIDS	mg/L	NDa1	NDa1	NDa0.40	NA
TURBIDITY	tu	NA	NA	NA	NA
PETROLEUM PRODUCTS					
OIL & GREASE					
	ug/L	NDa3900	NDa4000	NDa4000	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DIBROMOETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
2,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
2-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOCHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,2-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,5-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1

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SAMPLE LOCATION	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	01/02/02	02/06/02	03/06/02	04/03/02	04/03/02
LABORATORY SAMPLE I.D.	207143-3	208364-3	209274-3	210228-3	210229-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER					
UNITS					
VOLATILE ORGANICS (Continued)					
DIBROMOMETHANE	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1
ISOPROPYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1
M,P-XYLENE	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ND@1	ND@1	ND@1	ND@1	ND@1
N-BUTYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1
O-XYLENE	ND@1	ND@1	ND@1	ND@1	ND@1
P-ISOPROPYLTOLUENE	ND@1	ND@1	ND@1	ND@1	ND@1
SEC-BUTYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1
TERT-BUTYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,2-DICHLOROETHYLENE	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ND@1	ND@1	ND@1	ND@1	ND@1

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AFTR CARB 2

SAMPLE LOCATION	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	05/08/02	06/05/02	07/03/02	08/07/02	09/04/02
LABORATORY SAMPLE I.D.	211482-3	212400-3	213445-3	214698-3	215687-2
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ALCOHOLS, ACETATES, ALDEHYDES, KETONES					
BENZYL ALCOHOL					
	ug/L	NA	NA	NA	NA
ACID EXTRACTABLES					
2,4,5-TRICHLOROPHENOL	ug/L	NA	NA	NA	NDa52
2,4,6-TRICHLOROPHENOL	ug/L	NA	NA	NA	NDa10
2,4-DICHLOROPHENOL	ug/L	NA	NA	NA	NDa10
2,4-DIMETHYLPHENOL	ug/L	NA	NA	NA	NDa26
2,6-DINITROPHENOL	ug/L	NA	NA	NA	NDa10
2-CHLOROPHENOL	ug/L	NA	NA	NA	NDa10
2-CRESOL	ug/L	NA	NA	NA	NDa10
2-NITROPHENOL	ug/L	NA	NA	NA	NDa26
4,6-DINITRO-2-CRESOL	ug/L	NA	NA	NA	NDa10
4-CHLORO-3-CRESOL	ug/L	NA	NA	NA	NDa26
4-CRESOL	ug/L	NA	NA	NA	NDa26
4-NITROPHENOL	ug/L	NA	NA	NA	NDa26
PENTACHLOROPHENOL	ug/L	NA	NA	NA	NDa10
PHENOL	ug/L	NA	NA	NA	NDa10
BASE/NEUTRAL EXTRACTABLES					
1,2,3-TRICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NA
1,2,4-TRICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa10
1,2,4-TRIMETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NA
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NA
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa10
1,3,5-TRIMETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NA
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa10
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa10
1-CHLOROPROPANE	ug/L	NA	NA	NA	NDa10
2,4-DINITROTOLUENE	ug/L	NA	NA	NA	NDa10
2,6-DINITROTOLUENE	ug/L	NA	NA	NA	NDa10
2-CHLORONAPHTHALENE	ug/L	NA	NA	NA	NDa10
2-METHYLNAPHTHALENE	ug/L	NA	NA	NA	NDa10
2-NITROANILINE	ug/L	NA	NA	NA	NDa26
3,3'-DICHLOROBENZIDENE	ug/L	NA	NA	NA	NDa10
3-NITROANILINE	ug/L	NA	NA	NA	NDa26
4-BROMOPHENYL PHENYL ETHER	ug/L	NA	NA	NA	NDa10
4-CHLOROANILINE	ug/L	NA	NA	NA	NDa10
4-CHLOROPHENYL PHENYL ETHER	ug/L	NA	NA	NA	NDa10

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SAMPLE LOCATION	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	05/08/02	06/05/02	07/03/02	08/07/02	09/04/02
LABORATORY SAMPLE I.D.	211482-3	212400-3	213445-3	214698-3	215684-3
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
INDICATOR PARAMETERS (Continued)					
PH		6.68	7.08	7.51	7.13
TEMPERATURE		15.3	19.5	14.3	16.3
TOTAL SUSPENDED SOLIDS		6.8	2.8	5.6	NDa1
TURBIDITY		NA	NA	NA	NA
PETROLEUM PRODUCTS					
OIL & GREASE		NDa3900	NDa4000	NDa4000	NDa4000
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DIBROMOETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
2,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1
2-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOCHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,2-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1

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SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES	AFTR CARB 2 952-30R 05/08/02 211482-3 01	AFTR CARB 2 952-30R 06/05/02 212400-3 01	AFTR CARB 2 952-30R 07/03/02 213445-3 01	AFTR CARB 2 952-30R 08/07/02 214698-3 01	AFTR CARB 2 952-30R 09/04/02 215684-3 01	AFTR CARB 2 952-30R 09/04/02 215687-2 01
PARAMETER						
UNITS						
VOLATILE ORGANICS (Continued)						
DIBROMOMETHANE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
DICHLORODIFLUOROMETHANE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
ETHYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
ISOPROPYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
M, P-XYLENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
METHYLENE CHLORIDE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
N-BUTYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
O-XYLENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
P-ISOPROPYLTOLUENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
SEC-BUTYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
TERT-BUTYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
TETRACHLOROETHYLENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
TOLUENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
TRANS-1,2-DICHLOROETHYLENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
TRANS-1,3-DICHLOROPROPENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
TRICHLOROETHYLENE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
TRICHLOROFUJROMETHANE	ND@1	ND@1	ND@1	ND@1	ND@1	NA
VINYL CHLORIDE	ND@1	ND@1	ND@1	ND@1	ND@1	NA

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SAMPLE LOCATION	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	10/02/02	10/02/02	11/06/02	12/04/02	01/02/02
LABORATORY SAMPLE I. D.	216752-3	216767-2	217960-3	218769-3	207143-1
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	BF BAG FILT
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
BENZYL ALCOHOL						
	ug/L	NA	NDa10	NA	NA	NA
ACID EXTRACTABLES						
2,4,5-TRICHLOROPHENOL	ug/L	NA	NDa52	NA	NA	NA
2,4,6-TRICHLOROPHENOL	ug/L	NA	NDa10	NA	NA	NA
2,4-DICHLOROPHENOL	ug/L	NA	NDa10	NA	NA	NA
2,4-DIMETHYLPHENOL	ug/L	NA	NDa26	NA	NA	NA
2,4-DINITROPHENOL	ug/L	NA	NDa10	NA	NA	NA
2-CHLOROPHENOL	ug/L	NA	NDa10	NA	NA	NA
2-CRESOL	ug/L	NA	NDa10	NA	NA	NA
2-NITROPHENOL	ug/L	NA	NDa10	NA	NA	NA
4,6-DINITRO-2-CRESOL	ug/L	NA	NDa26	NA	NA	NA
4-CHLORO-3-CRESOL	ug/L	NA	NDa10	NA	NA	NA
4-CRESOL	ug/L	NA	NDa10	NA	NA	NA
4-NITROPHENOL	ug/L	NA	NDa26	NA	NA	NA
PENTACHLOROPHENOL	ug/L	NA	NDa26	NA	NA	NA
PHENOL	ug/L	NA	NDa10	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
1,2,3-TRICHLOROBENZENE	ug/L	NDa1	NA	NDa1	NDa1	NDa1
1,2,4-TRICHLOROBENZENE	ug/L	NDa1	NDa10	NDa1	NDa1	NDa1
1,2,4-TRIMETHYLBENZENE	ug/L	NDa1	NA	NDa1	NDa1	NDa1
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	NDa1	NA	NDa1	NDa1	NDa1
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa10	NDa1	NDa1	5.5
1,3,5-TRIMETHYLBENZENE	ug/L	NDa1	NA	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa10	NDa1	NDa1	2.4
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa10	NDa1	NDa1	2.4
1-CHLOROPROPANE	ug/L	NA	NDa10	NA	NA	NA
2,4-DINITROTOLUENE	ug/L	NA	NDa10	NA	NA	NA
2,6-DINITROTOLUENE	ug/L	NA	NDa10	NA	NA	NA
2-CHLORONAPHTHALENE	ug/L	NA	NDa10	NA	NA	NA
2-METHYLNAPHTHALENE	ug/L	NA	NDa26	NA	NA	NA
2-NITROANILINE	ug/L	NA	NDa10	NA	NA	NA
3,3'-DICHLOROBENZIDENE	ug/L	NA	NDa26	NA	NA	NA
3-NITROANILINE	ug/L	NA	NDa10	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER	ug/L	NA	NDa10	NA	NA	NA
4-CHLOROANILINE	ug/L	NA	NDa10	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	ug/L	NA	NDa10	NA	NA	NA

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SAMPLE LOCATION	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	10/02/02	10/02/02	11/06/02	12/04/02	01/02/02
LABORATORY SAMPLE I.D.	216752-3	216767-2	217960-3	218769-3	207143-1
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES (Continued)

4-NITROANILINE	ug/L	NDa26	NA	NA	NA
ACENAPHTHENE	ug/L	NDa10	NA	NA	NA
ACENAPHTHYLENE	ug/L	NDa10	NA	NA	NA
ANTHRACENE	ug/L	NDa10	NA	NA	NA
BENZO(A)ANTHRACENE	ug/L	NDa10	NA	NA	NA
BENZO(A)PYRENE	ug/L	NDa10	NA	NA	NA
BENZO(B)FLUORANTHENE	ug/L	NDa10	NA	NA	NA
BENZO(GH)PERYLENE	ug/L	NDa10	NA	NA	NA
BENZO(K)FLUORANTHENE	ug/L	NDa10	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	ug/L	NDa10	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	ug/L	NDa10	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	ug/L	NDa10	NA	NA	NA
BUTYL BENZYL PHTHALATE	ug/L	NDa10	NA	NA	NA
CHRYSENE	ug/L	NDa10	NA	NA	NA
DI-N-BUTYL PHTHALATE	ug/L	NDa10	NA	NA	NA
DI-N-OCTYL PHTHALATE	ug/L	NDa10	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	ug/L	NDa10	NA	NA	NA
DIBENZOFURAN	ug/L	NDa10	NA	NA	NA
DIETHYL PHTHALATE	ug/L	NDa10	NA	NA	NA
DIMETHYL PHTHALATE	ug/L	NDa10	NA	NA	NA
FLUORANTHENE	ug/L	NDa10	NA	NA	NA
FLUORENE	ug/L	NDa10	NA	NA	NA
HEXACHLOROBENZENE	ug/L	NDa10	NA	NA	NA
HEXACHLOROBUTADIENE	ug/L	NDa10	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	ug/L	NDa10	NA	NA	NA
HEXACHLOROETHANE	ug/L	NDa10	NA	NA	NA
INDENO(1,2,3-c,d)PYRENE	ug/L	NDa10	NA	NA	NA
ISOPHORONE	ug/L	NDa10	NA	NA	NA
N-NITROSODI-N-PROPYLAMINE	ug/L	NDa10	NA	NA	NA
N-NITROSODIMETHYLAMINE	ug/L	NDa10	NA	NA	NA
N-NITROSODIPHENYLAMINE	ug/L	NDa10	NA	NA	NA
N-PROPYLBENZENE	ug/L	NDa10	NA	NA	NA
NAPHTHALENE	ug/L	NDa10	NA	NA	NA
NITROBENZENE	ug/L	NDa10	NA	NA	NA
PHENANTHRENE	ug/L	NDa10	NA	NA	NA
PYRENE	ug/L	NDa10	NA	NA	NA
STYRENE	ug/L	NA	NA	NA	NA
INDICATOR PARAMETERS					
BIOCHEMICAL OXYGEN DEMAND	mg/L	NDa4	NDa4	NDa4	NA
CHEMICAL OXYGEN DEMAND	mg/L	15.0	10.0	10.0	NA

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SAMPLE LOCATION	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	10/02/02	10/02/02	11/06/02	12/04/02	12/04/02	01/02/02
LABORATORY SAMPLE I. D.	216752-3	216767-2	217960-3	218769-3	218769-3	207143-1
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
INDICATOR PARAMETERS (Continued)						
PH						
TEMPERATURE	6.88	NA	6.92	6.91	NA	NA
TOTAL SUSPENDED SOLIDS	20.9	NA	15.9	16.3	NA	NA
TURBIDITY	2.00	NA	1.20	NDa1	0.44	NA
PETROLEUM PRODUCTS						
OIL & GREASE	NDa3900	NA	NDa4000	NDa3900	NA	NA
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROPROPANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,2-DIBROMOETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROPROPANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
2,2-DICHLOROPROPANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
2-CHLOROTOLUENE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
BENZENE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
BROMOCHLOROMETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
BROMOFORM	NDa1	NA	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
CHLOROFORM	NDa1	NA	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
CIS-1,2-DICHLOROETHYLENE	NDa1	NA	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	NDa1	NA	NDa1	NDa1	NDa1	NDa1

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SAMPLE LOCATION	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	AFTR CARB 2	BF BAG FILL
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	10/02/02	10/02/02	11/06/02	12/04/02	01/02/02
LABORATORY SAMPLE I.D.	216752-3	216767-2	217960-3	218769-3	207143-1
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS	NA	ND@1	ND@1	ND@1	ND@1
VOLATILE ORGANICS (Continued)						
DIBROMOMETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
ISOPROPYLBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
M,P-XYLENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
N-BUTYLBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
O-XYLENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
P-ISOPROPYLTOLUENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
SEC-BUTYLBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
TERT-BUTYLBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
TRANS-1,2-DICHLOROETHYLENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	NA	ND@1	ND@1	ND@1	ND@1

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SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	02/06/02	02/06/02	03/06/02	04/03/02	04/03/02	04/03/02	05/08/02
LABORATORY SAMPLE I. D.	208364-1	208365-2	209274-1	210228-1	210229-1	210229-1	211482-1
SAMPLE RUN NUMBER	01	01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS	UNITS	UNITS	UNITS	UNITS	UNITS	UNITS
ALCOHOLS, ACETATES, ALDEHYDES, KETONES							
BENZYL ALCOHOL							
	NA	NDa10	NA	NA	NDa11	NA	NA
ACID EXTRACTABLES							
2,4,5-TRICHLOROPHENOL	NA	NDa52	NA	NA	NDa54	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NDa10	NA	NA	NDa11	NA	NA
2,4-DICHLOROPHENOL	NA	NDa10	NA	NA	NDa11	NA	NA
2,4-DIMETHYLPHENOL	NA	NDa26	NA	NA	NDa27	NA	NA
2,4-DINITROPHENOL	NA	NDa10	NA	NA	NDa11	NA	NA
2-CHLOROPHENOL	NA	NDa10	NA	NA	NDa11	NA	NA
2-CRESOL	NA	NDa10	NA	NA	NDa11	NA	NA
2-NITROPHENOL	NA	NDa26	NA	NA	NDa27	NA	NA
4,6-DINITRO-2-CRESOL	NA	NDa10	NA	NA	NDa11	NA	NA
4-CHLORO-3-CRESOL	NA	NDa10	NA	NA	NDa11	NA	NA
4-CRESOL	NA	NDa26	NA	NA	NDa27	NA	NA
4-NITROPHENOL	NA	NDa26	NA	NA	NDa27	NA	NA
PENTACHLOROPHENOL	NA	NDa26	NA	NA	NDa27	NA	NA
PHENOL	NA	NDa10	NA	NA	NDa11	NA	NA
BASE/NEUTRAL EXTRACTABLES							
1,2,3-TRICHLOROBENZENE	1.4	NA	NDa1	NDa1	NA	NDa1	NDa1
1,2,4-TRICHLOROBENZENE	1.2	NDa10	NDa1	NDa1	NDa11	NDa1	NDa1
1,2,4-TRIMETHYLBENZENE	NDa1	NA	NDa1	NDa1	NA	NDa1	NDa1
1,2-DIBROMO-3-CHLOROPROPANE	NDa1	NA	NDa1	NDa1	NA	NDa1	NDa1
1,2-DICHLOROBENZENE	14	11	4.7	4.4	NDa11	4.2	4.2
1,3,5-TRIMETHYLBENZENE	NDa1	NA	NDa1	NDa1	NA	NDa1	NDa1
1,3-DICHLOROBENZENE	6.2	NDa10	1.9	3.2	NDa11	1.6	1.6
1,4-DICHLOROBENZENE	4.3	NDa10	1.9	2.2	NDa11	1.6	1.6
1-CHLOROPROPANE	NA	NDa10	NA	NA	NDa11	NA	NA
2,4-DINITROTOLUENE	NA	NDa10	NA	NA	NDa11	NA	NA
2,6-DINITROTOLUENE	NA	NDa10	NA	NA	NDa11	NA	NA
2-CHLORONAPHTHALENE	NA	NDa10	NA	NA	NDa11	NA	NA
2-METHYLNAPHTHALENE	NA	NDa10	NA	NA	NDa11	NA	NA
2-NITROANILINE	NA	NDa26	NA	NA	NDa27	NA	NA
3,3'-DICHLOROBENZIDENE	NA	NDa10	NA	NA	NDa11	NA	NA
3-NITROANILINE	NA	NDa26	NA	NA	NDa27	NA	NA
4-BROMOPHENYL PHENYL ETHER	NA	NDa10	NA	NA	NDa11	NA	NA
4-CHLOROANILINE	NA	NDa10	NA	NA	NDa11	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NDa10	NA	NA	NDa11	NA	NA

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SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	02/06/02	02/06/02	04/03/02	04/03/02	05/08/02
LABORATORY SAMPLE I.D.	208364-1	208365-2	209274-1	210228-1	211482-1
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES (Continued)

4-NITROANILINE	ug/L	NDa26	NA	NA	NDa27	NA
ACENAPHTHENE	ug/L	NDa10	NA	NA	NDa11	NA
ACENAPHTHYLENE	ug/L	NDa10	NA	NA	NDa11	NA
ANTHRACENE	ug/L	NDa10	NA	NA	NDa11	NA
BENZO(A)ANTHRACENE	ug/L	NDa10	NA	NA	NDa11	NA
BENZO(B)FLUORANTHENE	ug/L	NDa10	NA	NA	NDa11	NA
BENZO(GH)PERYLENE	ug/L	NDa10	NA	NA	NDa11	NA
BENZO(K)FLUORANTHENE	ug/L	NDa10	NA	NA	NDa11	NA
BIS(2-CHLOROETHOXY)METHANE	ug/L	NDa10	NA	NA	NDa11	NA
BIS(2-CHLOROETHYL)ETHER	ug/L	NDa10	NA	NA	NDa11	NA
BIS(2-ETHYLHEXYL)PHTHALATE	ug/L	NDa10	NA	NA	NDa11	NA
BUTYL BENZYL PHTHALATE	ug/L	NDa10	NA	NA	NDa11	NA
CHRYSENE	ug/L	NDa10	NA	NA	NDa11	NA
DI-N-BUTYL PHTHALATE	ug/L	NDa10	NA	NA	NDa11	NA
DI-N-OCTYL PHTHALATE	ug/L	NDa10	NA	NA	NDa11	NA
DIBENZO(A,H)ANTHRACENE	ug/L	NDa10	NA	NA	NDa11	NA
DIBENZOFURAN	ug/L	NDa10	NA	NA	NDa11	NA
DIETHYL PHTHALATE	ug/L	NDa10	NA	NA	NDa11	NA
DIMETHYL PHTHALATE	ug/L	NDa10	NA	NA	NDa11	NA
FLUORANTHENE	ug/L	NDa10	NA	NA	NDa11	NA
FLUORENE	ug/L	NDa10	NA	NA	NDa11	NA
HEXACHLOROBENZENE	ug/L	NDa10	NA	NA	NDa11	NA
HEXACHLOROBUTADIENE	ug/L	NDa10	NDa1	NDa1	NDa11	NDa1
HEXACHLOROCYCLOPENTADIENE	ug/L	NDa10	NA	NA	NDa11	NA
HEXACHLOROETHANE	ug/L	NDa10	NA	NA	NDa11	NA
INDENO(1,2,3,-C,D)PYRENE	ug/L	NDa10	NA	NA	NDa11	NA
ISOPHORONE	ug/L	NDa10	NA	NA	NDa11	NA
N-NITROSODI-N-PROPYLAMINE	ug/L	NDa10	NA	NA	NDa11	NA
N-NITROSODIMETHYLAMINE	ug/L	NDa10	NA	NA	NDa11	NA
N-NITROSODIPHENYLAMINE	ug/L	NDa10	NA	NA	NDa11	NA
NAPHTHALENE	ug/L	NDa10	NA	NA	NDa11	NA
NITROBENZENE	ug/L	NDa10	NA	NA	NDa11	NA
PHENANTHRENE	ug/L	NDa10	NA	NA	NDa11	NA
PYRENE	ug/L	NDa10	NA	NA	NDa11	NA
STYRENE	ug/L	NA	NDa1	NDa1	NA	NDa1

INDICATOR PARAMETERS

BIOCHEMICAL OXYGEN DEMAND
 CHEMICAL OXYGEN DEMAND

mg/L	NA	NA	NA	NA	NA
mg/L	NA	NA	NA	NA	NA

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SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	02/06/02	02/06/02	04/03/02	04/03/02	05/08/02
LABORATORY SAMPLE I.D.	208364-1	208365-2	210228-1	210229-1	211482-1
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS	UNITS	UNITS	UNITS	UNITS
INDICATOR PARAMETERS (Continued)					
PH	NA	NA	NA	NA	NA
TEMPERATURE	NA	NA	NA	NA	NA
TOTAL SUSPENDED SOLIDS	mg/L	NA	NA	NA	6.57
TURBIDITY	tu	0.27	0.31	0.26	14.6
					0.25
PETROLEUM PRODUCTS					
OIL & GREASE	ug/L	ND#1	ND#1	ND#1	ND#1
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/L	ND#1	ND#1	ND#1	ND#1
1,1,1-TRICHLOROETHANE	ug/L	2.9	2.8	2.3	1.2
1,1,2,2-TETRACHLOROETHANE	ug/L	ND#1	ND#1	ND#1	ND#1
1,1,2-TRICHLOROETHANE	ug/L	ND#1	ND#1	ND#1	ND#1
1,1-DICHLOROETHANE	ug/L	1.3	1.3	1.0	ND#1
1,1-DICHLOROETHYLENE	ug/L	1.2	1.5	ND#1	ND#1
1,1-DICHLOROPROPENE	ug/L	ND#1	ND#1	ND#1	ND#1
1,2,3-TRICHLOROPROPANE	ug/L	ND#1	ND#1	ND#1	ND#1
1,2-DIBROMOETHANE	ug/L	ND#1	ND#1	ND#1	ND#1
1,2-DICHLOROETHANE	ug/L	ND#1	ND#1	ND#1	ND#1
1,2-DICHLOROPROPANE	ug/L	ND#1	ND#1	ND#1	ND#1
1,3-DICHLOROPROPANE	ug/L	ND#1	ND#1	ND#1	ND#1
2,2-DICHLOROPROPANE	ug/L	ND#1	ND#1	ND#1	ND#1
2-CHLOROTOLUENE	ug/L	ND#1	ND#1	ND#1	ND#1
4-CHLOROTOLUENE	ug/L	ND#1	ND#1	ND#1	ND#1
BENZENE	ug/L	ND#1	ND#1	ND#1	ND#1
BROMOBENZENE	ug/L	ND#1	ND#1	ND#1	ND#1
BROMOCHLOROMETHANE	ug/L	ND#1	ND#1	ND#1	ND#1
BROMODICHLOROMETHANE	ug/L	ND#1	ND#1	ND#1	ND#1
BROMOFORM	ug/L	ND#1	ND#1	ND#1	ND#1
BROMOMETHANE	ug/L	ND#1	ND#1	ND#1	ND#1
CARBON TETRACHLORIDE	ug/L	ND#1	ND#1	ND#1	ND#1
CHLOROBENZENE	ug/L	ND#1	ND#1	ND#1	ND#1
CHLORODIBROMOMETHANE	ug/L	ND#1	ND#1	ND#1	ND#1
CHLOROETHANE	ug/L	ND#1	ND#1	ND#1	ND#1
CHLOROFORM	ug/L	2.8	3.0	1.2	ND#1
CHLOROMETHANE	ug/L	3.4	2.8	2.2	1.1
CIS-1,2-DICHLOROETHYLENE	ug/L	ND#1	ND#1	ND#1	ND#1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND#1	ND#1	ND#1	ND#1

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BF BAG FILT

SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	02/06/02	02/06/02	03/06/02	04/03/02	05/08/02
LABORATORY SAMPLE I. D.	208364-1	208365-2	209274-1	210228-1	211482-1
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER					
UNITS					
VOLATILE ORGANICS (Continued)					
DIBROMOMETHANE	ND@1	NA	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ND@1	NA	ND@1	ND@1	ND@1
ETHYLBENZENE	ND@1	NA	ND@1	ND@1	ND@1
ISOPROPYLBENZENE	ND@1	NA	ND@1	ND@1	ND@1
M, P-XYLENE	ND@1	NA	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ND@1	NA	ND@1	ND@1	ND@1
N-BUTYLBENZENE	ND@1	NA	ND@1	ND@1	ND@1
O-XYLENE	ND@1	NA	ND@1	ND@1	ND@1
P-ISOPROPYLTOLUENE	ND@1	NA	ND@1	ND@1	ND@1
SEC-BUTYLBENZENE	ND@1	NA	ND@1	ND@1	ND@1
TERT-BUTYLBENZENE	ND@1	NA	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ND@1	NA	ND@1	ND@1	ND@1
TOLUENE	ND@1	NA	ND@1	ND@1	ND@1
TRANS-1, 2-DICHLOROETHYLENE	ND@1	NA	ND@1	ND@1	ND@1
TRANS-1, 3-DICHLOROPROPENE	ND@1	NA	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	6.0	NA	5.7	4.7	3.0
TRICHLOROFLUOROMETHANE	ND@1	NA	ND@1	ND@1	ND@1
VINYL CHLORIDE	ND@1	NA	ND@1	ND@1	ND@1

SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	06/05/02	07/03/02	08/07/02	09/04/02	10/02/02	10/02/02
LABORATORY SAMPLE I. D.	212400-1	213445-1	214698-1	215684-1	216752-1	216752-1
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER						
UNITS						
ALCOHOLS, ACETATES, ALDEHYDES, KETONES						
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA
ACID EXTRACTABLES						
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA
2-CRESOL	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-CRESOL	NA	NA	NA	NA	NA	NA
4-CHLORO-3-CRESOL	NA	NA	NA	NA	NA	NA
4-CRESOL	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
1,2,3-TRICHLOROBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,4-TRICHLOROBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,4-TRIMETHYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DIBROMO-3-CHLOROPROPANE	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROBENZENE	4.5	3.1	2.9	2.5	2.9	2.9
1,3,5-TRIMETHYLBENZENE	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	2.1	1.3	1.4	1.6	1.6	1.6
1,4-DICHLOROBENZENE	2.0	1.1	1.1	1.1	1.1	1.1
1-CHLOROPROPANE	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDENE	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA

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SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	06/05/02	07/03/02	08/07/02	09/04/02	09/04/02	10/02/02
LABORATORY SAMPLE I.D.	212400-1	213445-1	214698-1	215684-1	215687-1	216752-1
SAMPLE RUN NUMBER	01	01	01	01	01	01
SAMPLE COMMENT CODES						

PARAMETER UNITS

BASE/NEUTRAL EXTRACTABLES (Continued)

4-NITROANILINE	ug/L	NA	NA	NA	NDa27	NA
ACENAPHTHENE	ug/L	NA	NA	NA	NDa11	NA
ACENAPHTHYLENE	ug/L	NA	NA	NA	NDa11	NA
ANTHRACENE	ug/L	NA	NA	NA	NDa11	NA
BENZO(A)ANTHRACENE	ug/L	NA	NA	NA	NDa11	NA
BENZO(A)PYRENE	ug/L	NA	NA	NA	NDa11	NA
BENZO(B)FLUORANTHENE	ug/L	NA	NA	NA	NDa11	NA
BENZO(GHI)PERYLENE	ug/L	NA	NA	NA	NDa11	NA
BENZO(K)FLUORANTHENE	ug/L	NA	NA	NA	NDa11	NA
BIS(2-CHLOROETHOXY)METHANE	ug/L	NA	NA	NA	NDa11	NA
BIS(2-CHLOROETHYL)ETHER	ug/L	NA	NA	NA	NDa11	NA
BIS(2-ETHYLHEXYL)PHTHALATE	ug/L	NA	NA	NA	NDa11	NA
BUTYL BENZYL PHTHALATE	ug/L	NA	NA	NA	NDa11	NA
CHRYSENE	ug/L	NA	NA	NA	NDa11	NA
DI-N-BUTYL PHTHALATE	ug/L	NA	NA	NA	NDa11	NA
DI-N-OCTYL PHTHALATE	ug/L	NA	NA	NA	NDa11	NA
DIBENZO(A,H)ANTHRACENE	ug/L	NA	NA	NA	NDa11	NA
DIBENZOFURAN	ug/L	NA	NA	NA	NDa11	NA
DIETHYL PHTHALATE	ug/L	NA	NA	NA	NDa11	NA
DIMETHYL PHTHALATE	ug/L	NA	NA	NA	NDa11	NA
FLUORANTHENE	ug/L	NA	NA	NA	NDa11	NA
FLUORENE	ug/L	NA	NA	NA	NDa11	NA
HEXACHLOROENBENZENE	ug/L	NA	NA	NA	NDa11	NA
HEXACHLOROBUTADIENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
HEXACHLOROCYCLOPENTADIENE	ug/L	NA	NA	NA	NDa1	NA
HEXACHLOROETHANE	ug/L	NA	NA	NA	NDa1	NA
INDENO(1,2,3,-C,D)PYRENE	ug/L	NA	NA	NA	NDa1	NA
ISOPHORONE	ug/L	NA	NA	NA	NDa1	NA
N-NITROSODI-N-PROPYLAMINE	ug/L	NA	NA	NA	NDa1	NA
N-NITROSODIMETHYLAMINE	ug/L	NA	NA	NA	NDa1	NA
N-NITROSODIPHENYLAMINE	ug/L	NA	NA	NA	NDa1	NA
N-PROPYLBENZENE	ug/L	NDa1	NDa1	NDa1	NA	NDa1
NAPHTHALENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
NITROBENZENE	ug/L	NA	NA	NA	NDa1	NA
PHENANTHRENE	ug/L	NA	NA	NA	NDa1	NA
PYRENE	ug/L	NA	NA	NA	NDa1	NA
STYRENE	ug/L	NDa1	NDa1	NDa1	NA	NDa1

INDICATOR PARAMETERS

BIOCHEMICAL OXYGEN DEMAND	mg/L	NA	NA	NA	NA	NA
CHEMICAL OXYGEN DEMAND	mg/L	NA	NA	NA	NA	NA

SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	06/05/02	07/03/02	09/04/02	09/04/02	10/02/02
LABORATORY SAMPLE I.D.	212400-1	213445-1	214698-1	215684-1	216752-1
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS	06/05/02	07/03/02	09/04/02	09/04/02	10/02/02
PH		NA	NA	NA	NA	NA
TEMPERATURE	C	NA	NA	NA	NA	NA
TOTAL SUSPENDED SOLIDS	mg/L	NA	NA	NA	NA	NA
TURBIDITY	tu	0.60	0.50	2.00	2.00	2.50
PETROLEUM PRODUCTS						
OIL & GREASE	ug/L	NA	NA	NA	ND@4000	NA
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/L	1.5	2.0	1.4	1.4	1.7
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DIBROMOETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
2,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOCHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,2-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	1.3	1.6	2.0	2.0	2.0

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 January 1, 2002 - December 31, 2002

SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R	952-30R	952-30R
SAMPLE DATE	06/05/02	07/03/02	08/07/02	09/04/02	10/02/02
LABORATORY SAMPLE I.D.	212400-1	213445-1	214698-1	215687-1	216752-1
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
DIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
ISOPROPYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
M, P-XYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
N-BUTYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
O-XYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
P-ISOPROPYL TOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1
SEC-BUTYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
TERT-BUTYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/L	3.4	ND@1	ND@1	ND@1
TOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRANS-1,2-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	4.4	4.4	2.5	2.8
TRICHLOROFUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1

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BF BAG FILT 952-30R BF BAG FILT 952-30R
 10/02/02 11/06/02 12/04/02
 216767-1 217960-1 218769-1
 01 01 01

SAMPLE LOCATION
 SAMPLE DESCRIPTION
 SAMPLE DATE
 LABORATORY SAMPLE I. D.
 SAMPLE RUN NUMBER
 SAMPLE COMMENT CODES

PARAMETER UNITS

ALCOHOLS, ACETATES, ALDEHYDES, KETONES

BENZYL ALCOHOL ug/L NA NA

ACID EXTRACTABLES

2,4,5-TRICHLOROPHENOL ug/L NA
 2,4,6-TRICHLOROPHENOL ug/L NA
 2,4-DICHLOROPHENOL ug/L NA
 2,4-DIMETHYLPHENOL ug/L NA
 2,4-DINITROPHENOL ug/L NA
 2-CHLOROPHENOL ug/L NA
 2-CRESOL ug/L NA
 2-NITROPHENOL ug/L NA
 4,6-DINITRO-2-CRESOL ug/L NA
 4-CHLORO-3-CRESOL ug/L NA
 4-CRESOL ug/L NA
 4-NITROPHENOL ug/L NA
 PENTACHLOROPHENOL ug/L NA
 PHENOL ug/L NA

BASE/NEUTRAL EXTRACTABLES

1,2,3-TRICHLOROBENZENE ug/L ND@1
 1,2,4-TRICHLOROBENZENE ug/L ND@1
 1,2,4-TRIMETHYLBENZENE ug/L ND@1
 1,2-DIBROMO-3-CHLOROPROPANE ug/L ND@1
 1,2-DICHLOROBENZENE ug/L 3.1
 1,3,5-TRIMETHYLBENZENE ug/L ND@1
 1,3-DICHLOROBENZENE ug/L 1.4
 1,4-DICHLOROBENZENE ug/L 1.5
 1-CHLOROPROPANE ug/L NA
 2,4-DINITROTOLUENE ug/L NA
 2,6-DINITROTOLUENE ug/L NA
 2-CHLORONAPHTHALENE ug/L NA
 2-METHYLNAPHTHALENE ug/L NA
 2-NITROANILINE ug/L NA
 3,3'-DICHLOROBENZIDENE ug/L NA
 3-NITROANILINE ug/L NA
 4-BROMOPHENYL PHENYL ETHER ug/L NA
 4-CHLOROANILINE ug/L NA
 4-CHLOROPHENYL PHENYL ETHER ug/L NA

Former Building 952/982 Site
 GH Treatment System Effectiveness Data Report
 January 1, 2002 - December 31, 2002

SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R
SAMPLE DATE	10/02/02	11/06/02	12/04/02
LABORATORY SAMPLE I.D.	216767-1	217960-1	218769-1
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES			

PARAMETER

UNITS

BASE/NEUTRAL EXTRACTABLES (Continued)

4-NITROANILINE	NDa26	NA	NA
ACENAPHTHENE	NDa10	NA	NA
ACENAPHTHYLENE	NDa10	NA	NA
ANTHRACENE	NDa10	NA	NA
BENZO(A)ANTHRACENE	NDa10	NA	NA
BENZO(A)PYRENE	NDa10	NA	NA
BENZO(B)FLUORANTHENE	NDa10	NA	NA
BENZO(GHI)PERYLENE	NDa10	NA	NA
BENZO(K)FLUORANTHENE	NDa10	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NDa10	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NDa10	NA	NA
BUTYL BENZYL PHTHALATE	NDa10	NA	NA
CHRYSENE	NDa10	NA	NA
DI-N-BUTYL PHTHALATE	NDa10	NA	NA
DI-N-OCTYL PHTHALATE	NDa10	NA	NA
DIBENZO(A,H)ANTHRACENE	NDa10	NA	NA
DIBENZOFURAN	NDa10	NA	NA
DIETHYL PHTHALATE	NDa10	NA	NA
DIMETHYL PHTHALATE	NDa10	NA	NA
FLUORENE	NDa10	NA	NA
HEXACHLOROBENZENE	NDa10	NA	NA
HEXACHLOROBUTADIENE	NDa10	NA	NA
HEXACHLOROCYCLOPENTADIENE	NDa10	NA	NA
HEXACHLOROETHANE	NDa10	NA	NA
INDENO(1,2,3-C,D)PYRENE	NDa10	NA	NA
ISOPHORONE	NDa10	NA	NA
N-NITROSODI-N-PROPYLAMINE	NDa10	NA	NA
N-NITROSODIMETHYLAMINE	NDa10	NA	NA
N-NITROSODIPHENYLAMINE	NDa10	NA	NA
N-PROPYLBENZENE	NDa10	NA	NA
NAPHTHALENE	NDa10	NA	NA
NITROBENZENE	NDa10	NA	NA
PHENANTHRENE	NDa10	NA	NA
PYRENE	NDa10	NA	NA
STYRENE	NA	NDa10	NDa10

INDICATOR PARAMETERS

BIOCHEMICAL OXYGEN DEMAND	mg/L	NA	NA
CHEMICAL OXYGEN DEMAND	mg/L	NA	NA

Former Building 952/982 Site
 GW Treatment System Effectiveness Data Report
 January 1, 2002 - December 31, 2002

SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R
SAMPLE DATE	10/02/02	11/06/02	12/04/02
LABORATORY SAMPLE I.D.	216767-1	217960-1	218769-1
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES			

PARAMETER UNITS

INDICATOR PARAMETERS (Continued)

pH	NA	7.26	NA
TEMPERATURE	NA	15.9	NA
TOTAL SUSPENDED SOLIDS	NA	NA	NA
TURBIDITY	NA	3.50	0.77

PETROLEUM PRODUCTS

OIL & GREASE ug/L NDa3900 NA NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	NA	Nda1	Nda1
1,1,1-TRICHLOROETHANE	NA	1.4	1.2
1,1,2,2-TETRACHLOROETHANE	NA	Nda1	Nda1
1,1,2-TRICHLOROETHANE	NA	Nda1	Nda1
1,1-DICHLOROETHANE	NA	Nda1	Nda1
1,1-DICHLOROETHYLENE	NA	Nda1	Nda1
1,1-DICHLOROPROPENE	NA	Nda1	Nda1
1,2,3-TRICHLOROPROPANE	NA	Nda1	Nda1
1,2-DIBROMOETHANE	NA	Nda1	Nda1
1,2-DICHLOROETHANE	NA	Nda1	Nda1
1,2-DICHLOROPROPANE	NA	Nda1	Nda1
1,3-DICHLOROPROPANE	NA	Nda1	Nda1
2,2-DICHLOROPROPANE	NA	Nda1	Nda1
2-CHLOROTOLUENE	NA	Nda1	Nda1
4-CHLOROTOLUENE	NA	Nda1	Nda1
BENZENE	NA	Nda1	Nda1
BROMOBENZENE	NA	Nda1	Nda1
BROMOCHLOROMETHANE	NA	Nda1	Nda1
BROMODICHLOROMETHANE	NA	Nda1	Nda1
BROMOFORM	NA	Nda1	Nda1
BROMOMETHANE	NA	Nda1	Nda1
CARBON TETRACHLORIDE	NA	Nda1	Nda1
CHLOROBENZENE	NA	Nda1	Nda1
CHLORODIBROMOMETHANE	NA	Nda1	Nda1
CHLOROETHANE	NA	Nda1	Nda1
CHLOROFORM	NA	Nda1	Nda1
CHLOROMETHANE	NA	Nda1	Nda1
CIS-1,2-DICHLOROETHYLENE	NA	1.5	1.1
CIS-1,3-DICHLOROPROPYLENE	NA	Nda1	Nda1

Former Building 952/982 Site
 GW Treatment System Effectiveness Data Report
 January 1, 2002 - December 31, 2002

SAMPLE LOCATION	BF BAG FILT	BF BAG FILT	BF BAG FILT
SAMPLE DESCRIPTION	952-30R	952-30R	952-30R
SAMPLE DATE	10/02/02	11/06/02	12/04/02
LABORATORY SAMPLE I. D.	216767-1	217960-1	218769-1
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES			

PARAMETER	UNITS	NA	ND@1	ND@1	ND@1
VOLATILE ORGANICS (continued)					
DIBROMOMETHANE	ug/L	NA	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/L	NA	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/L	NA	ND@1	ND@1	ND@1
ISOPROPYLBENZENE	ug/L	NA	ND@1	ND@1	ND@1
M, P-XYLENE	ug/L	NA	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/L	NA	ND@1	ND@1	ND@1
N-BUTYLBENZENE	ug/L	NA	ND@1	ND@1	ND@1
O-XYLENE	ug/L	NA	ND@1	ND@1	ND@1
P-ISOPROPYLTOLUENE	ug/L	NA	ND@1	ND@1	ND@1
SEC-BUTYLBENZENE	ug/L	NA	ND@1	ND@1	ND@1
TERT-BUTYLBENZENE	ug/L	NA	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/L	NA	ND@1	ND@1	ND@1
TOLUENE	ug/L	NA	ND@1	ND@1	ND@1
TRANS-1,2-DICHLOROETHYLENE	ug/L	NA	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	NA	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	NA	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	NA	3.4	3.0	3.0
VINYL CHLORIDE	ug/L	NA	ND@1	ND@1	ND@1

Former Building 952/982 Site
GW Treatment System Effectiveness Data Report
January 1, 2002 - December 31, 2002

EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

NA Not Analyzed
NDaX Not Detected at Detection Limit X
BMRLaX Below Minimum Reporting Limit of X

CODE EXPLANATION

^ Non-Standard Measurement Unit
* Sample collected as part of Treatment System Startup
D Result reported at a secondary dilution factor
E Result exceeds the linear calibration range of the instrument
J Estimated value

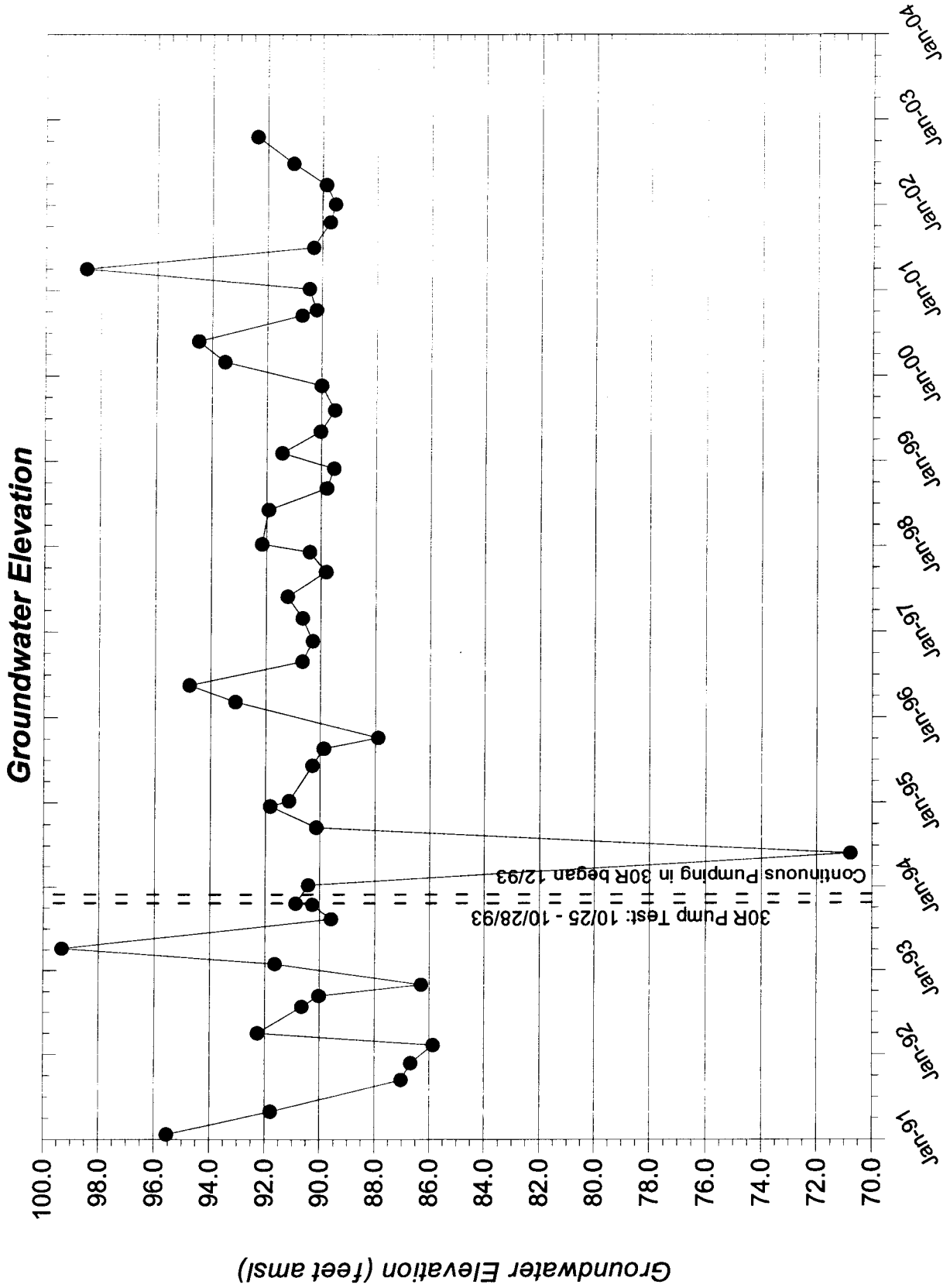


Appendix C
Groundwater Elevation Determinations and Graphs

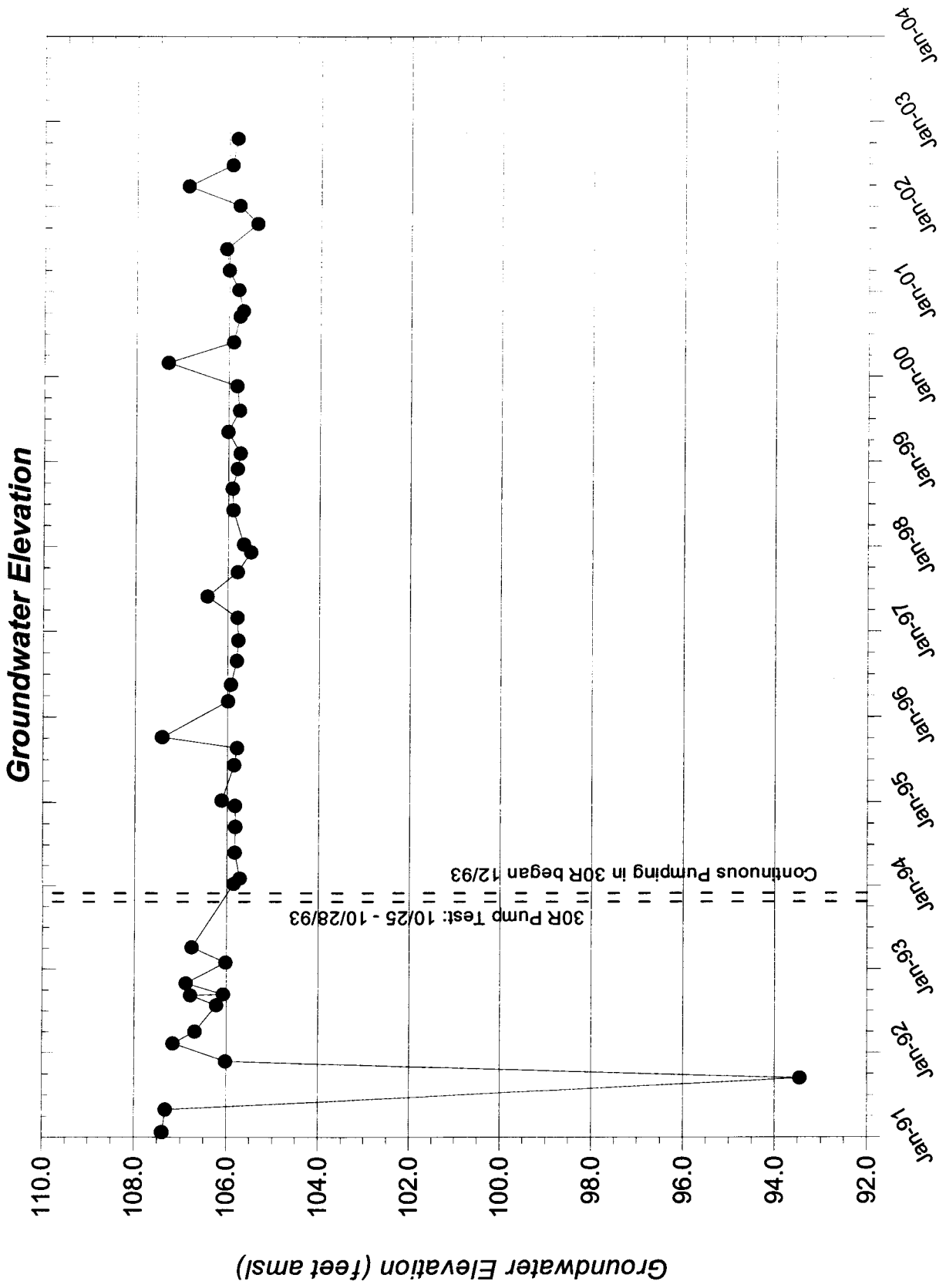
**IBM Poughkeepsie
Former Leased Property - Buildings 952/982
2002 Water Level Data**

Well No.	Elevation TOC	January 8, 2002		April 2, 2002		July 1, 2002		October 23, 2002	
		DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE
952-6R	130.68	41.15	89.53	40.82	89.86	39.61	91.07	38.30	92.38
952-8R	135.42	29.65	105.77	28.53	106.89	29.49	105.93	29.60	105.82
952-9R	137.80	47.85	89.95	47.59	90.20	45.70	92.09	42.90	94.89
952-10RA	134.36	47.65	86.71	41.95	92.41	41.85	92.51	39.55	94.81
952-11R	135.57	46.10	89.47	45.79	89.78	44.57	91.00	43.51	92.06
952-12R	135.07	44.22	90.85	41.60	93.47	40.80	94.27	39.62	95.45
952-13R	131.07	38.43	92.64	37.56	93.51	37.69	93.38	35.85	95.22
952-14R	135.33	45.74	89.59	45.69	89.64	44.15	91.18	44.00	91.33
952-14RA	135.61	46.10	89.51	45.87	89.74	44.72	90.89	43.92	91.69
952-14S	135.36	Dry	---	Dry	---	Dry	---	Dry	---
952-15RA	134.91	45.52	89.39	44.28	90.63	43.39	91.52	41.30	93.61
952-15RB	134.91	45.39	89.52	45.15	89.76	43.89	91.02	42.54	92.37
952-16R	135.44	45.60	89.84	45.46	89.98	44.30	91.14	43.25	92.19
952-29R	137.31	45.37	91.94	45.00	92.31	44.00	93.31	43.67	93.64
952-30R	136.69	61.66	75.03	58.37	78.32	54.00	82.69	51.90	84.79
952-31R	137.07	58.97	78.10	54.80	82.27	50.79	86.28	48.37	88.70

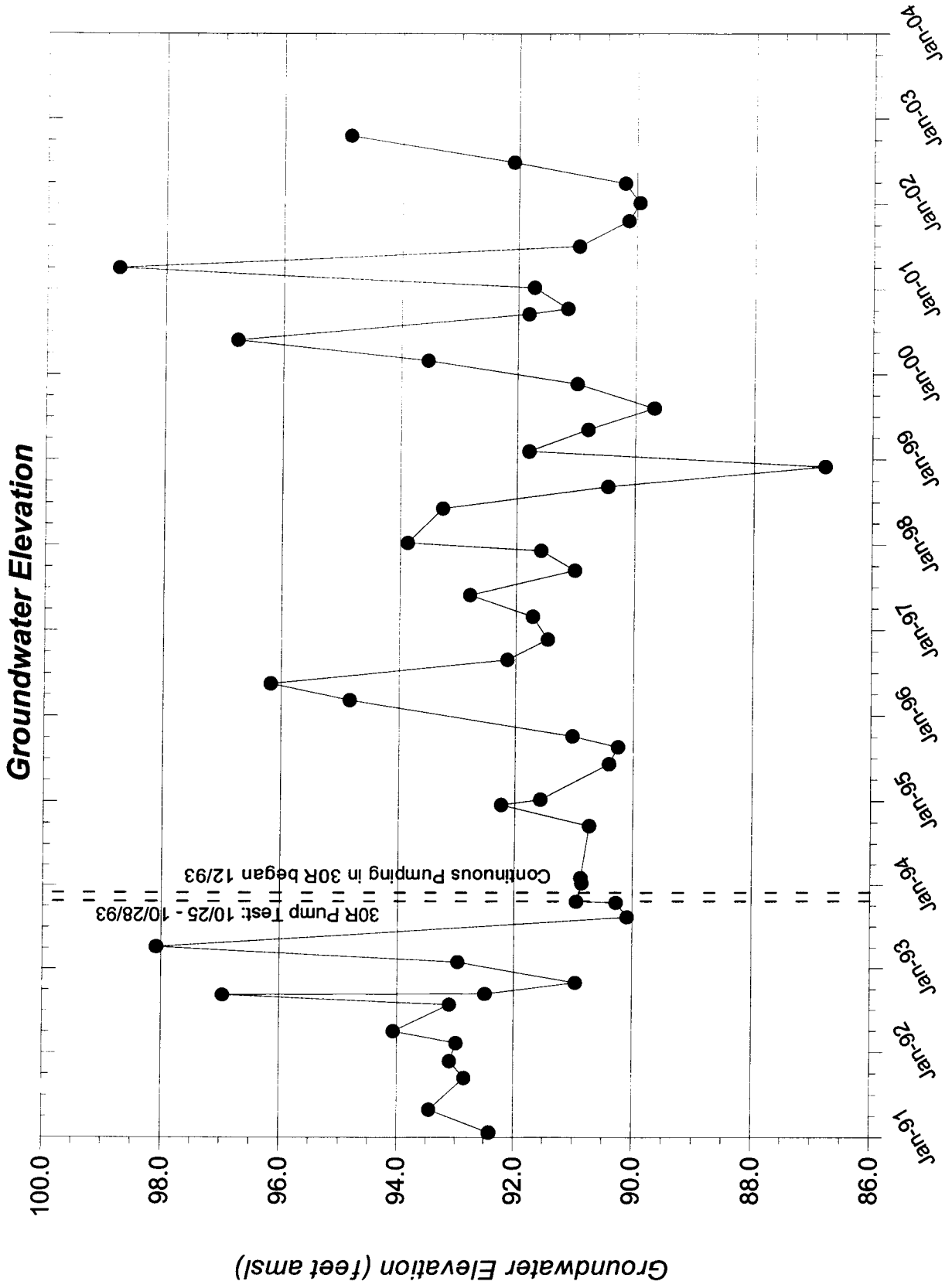
Former IBM Buildings 952 & 982 Leased Property
Well 952-6R



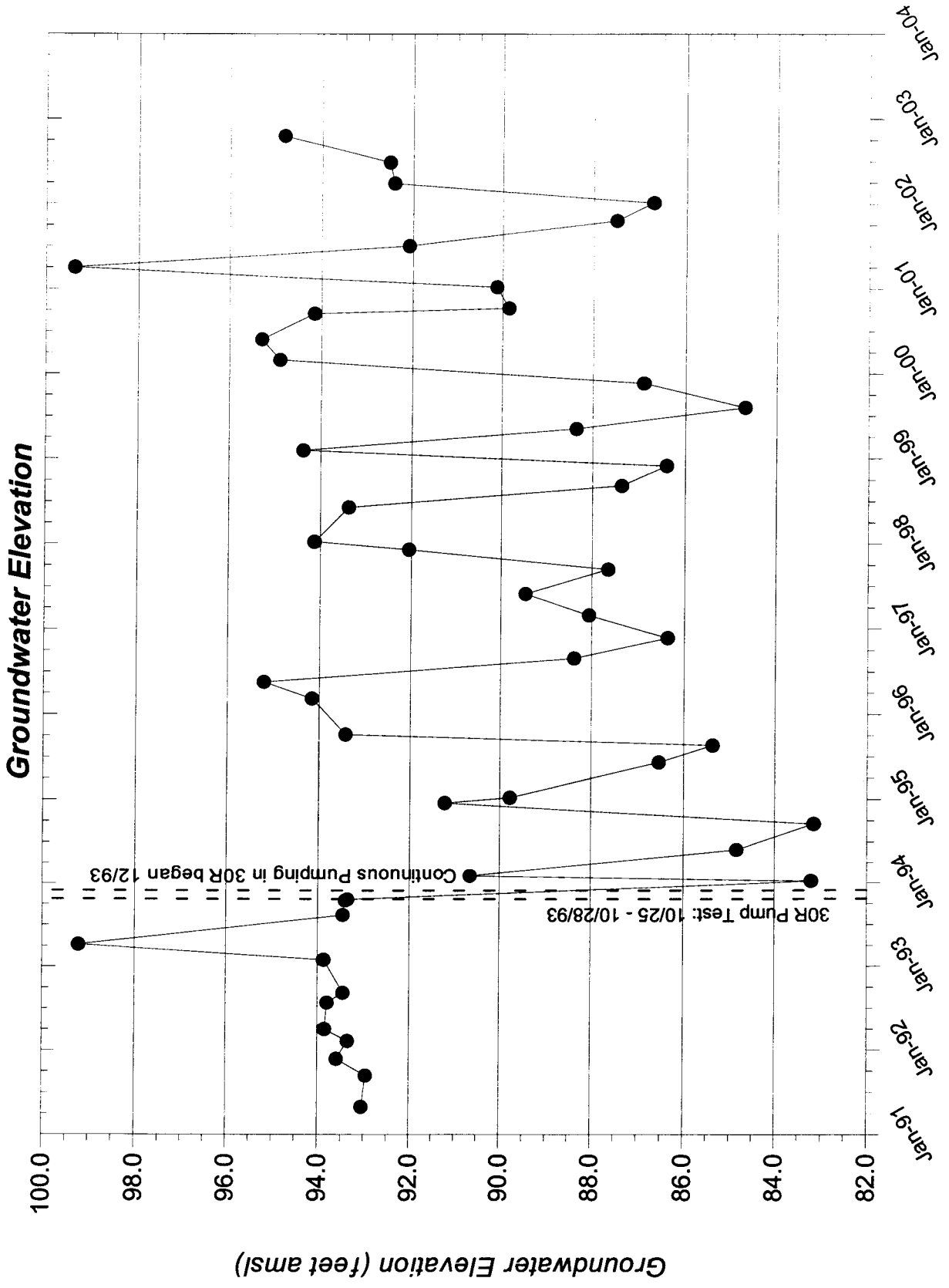
**Former IBM Buildings 952 & 982 Leased Property
Well 952-8R**



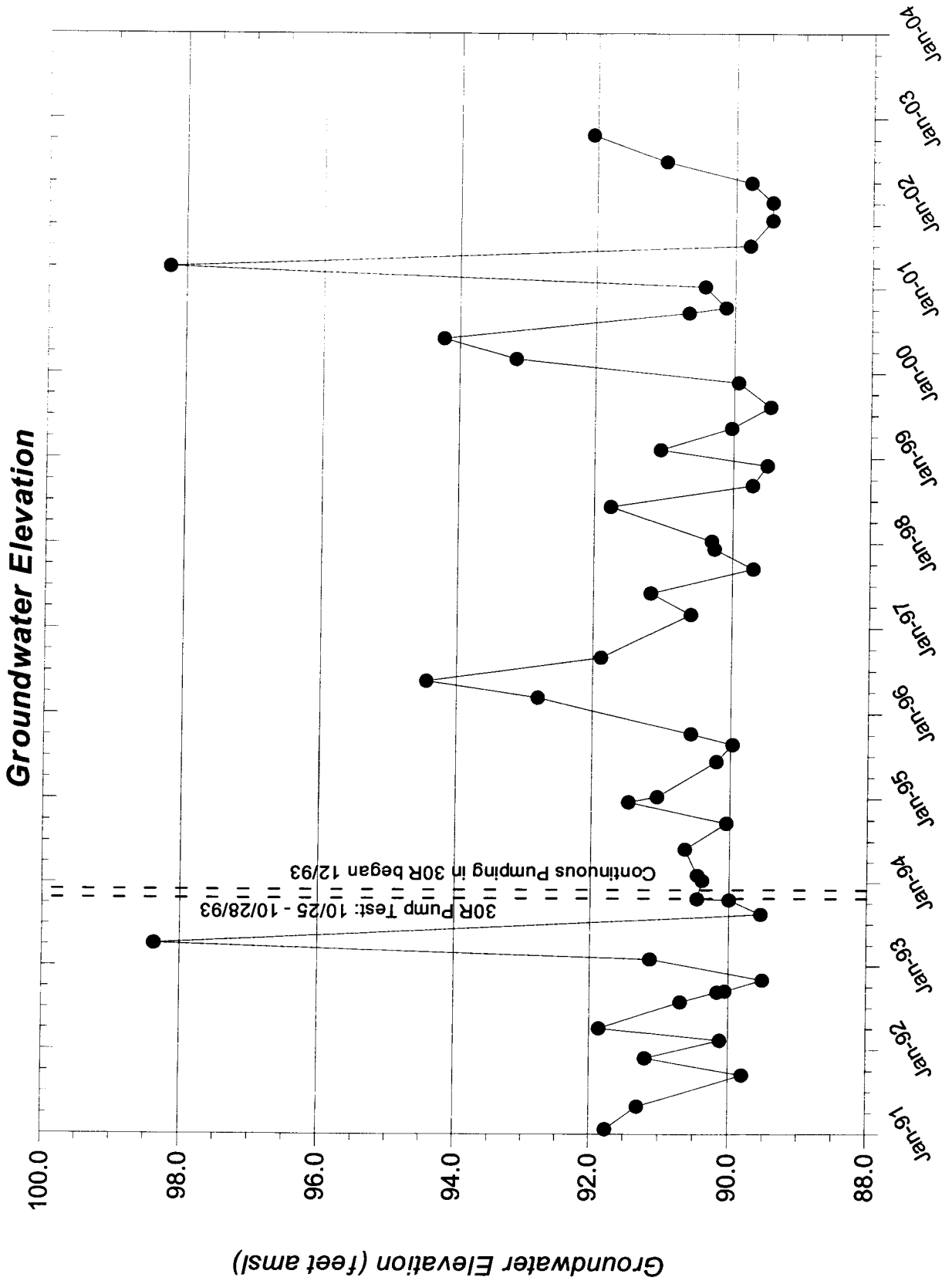
Former IBM Buildings 952 & 982 Leased Property
Well 952-9R



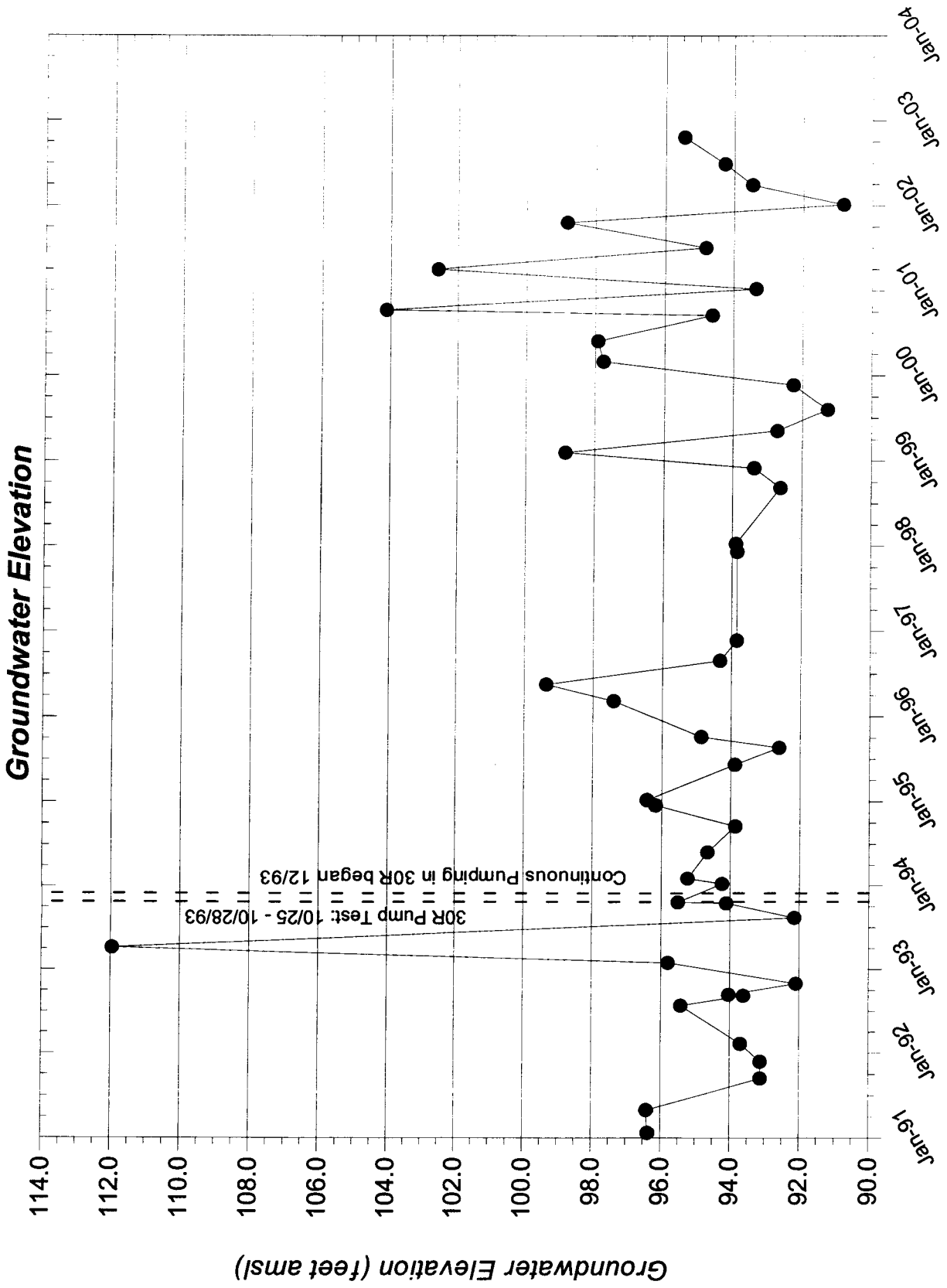
**Former IBM Buildings 952 & 982 Leased Property
Well 952-10RA**



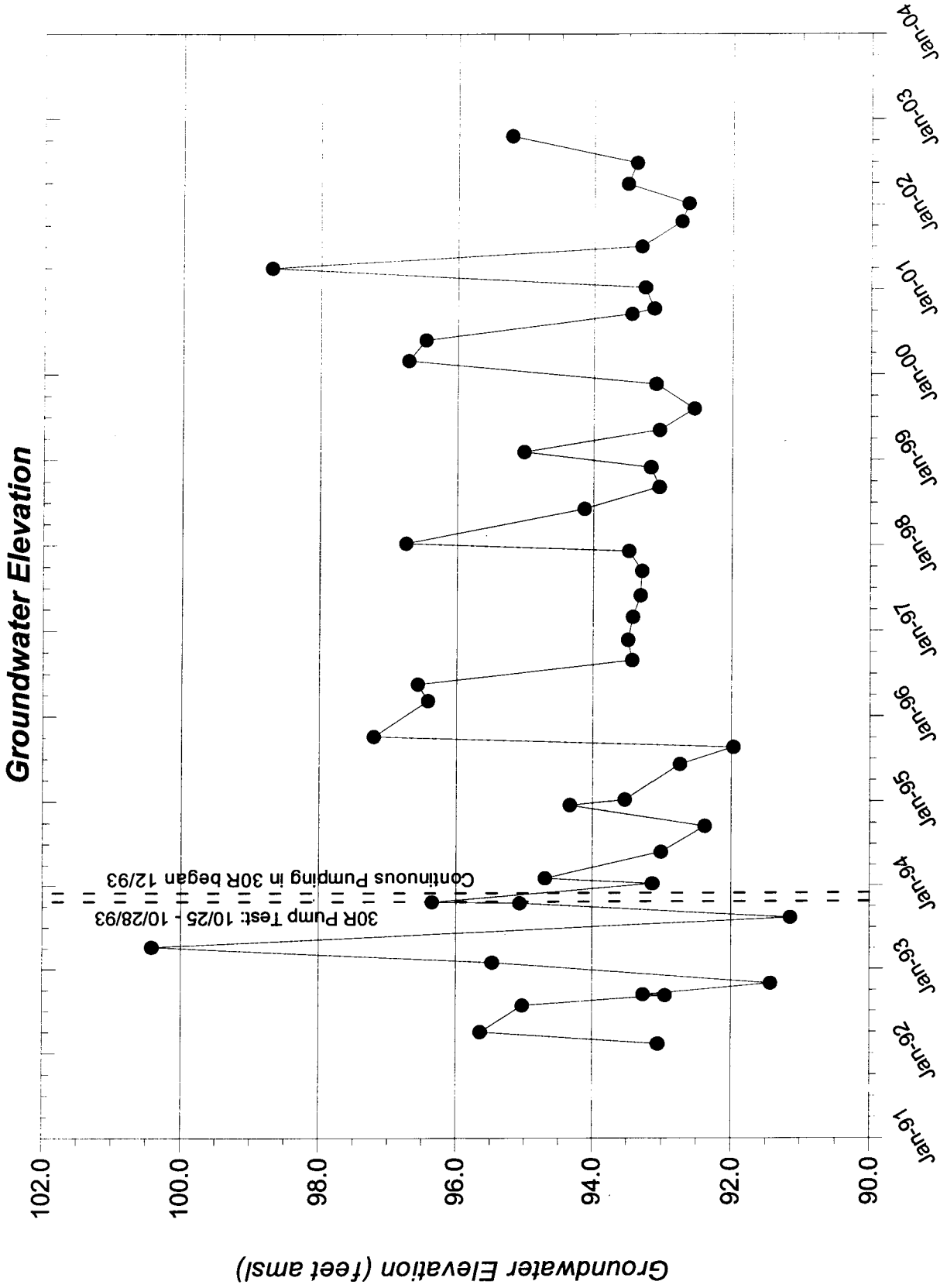
**Former IBM Buildings 952 & 982 Leased Property
Well 952-11R**



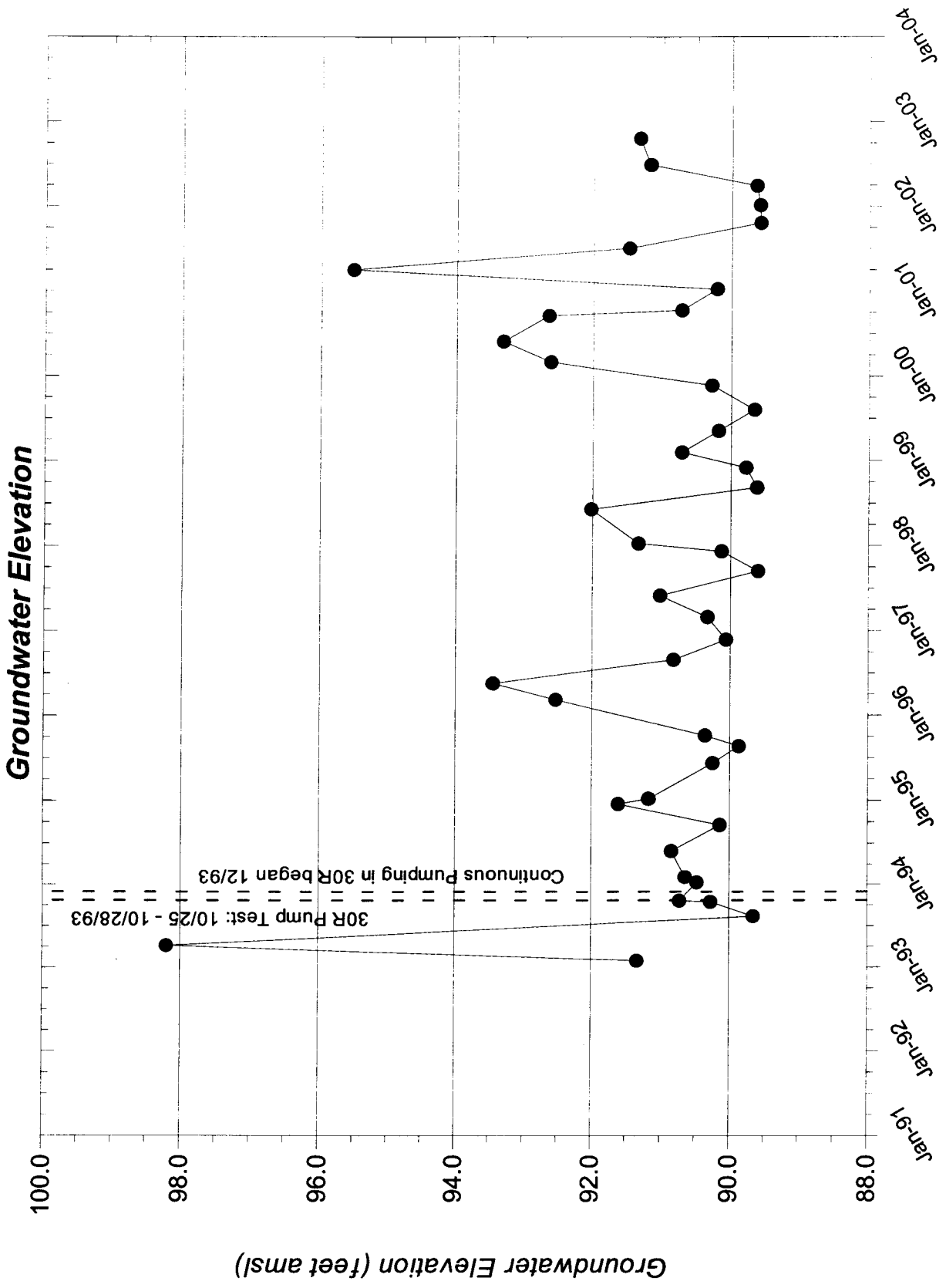
**Former IBM Buildings 952 & 982 Leased Property
Well 952-12R**



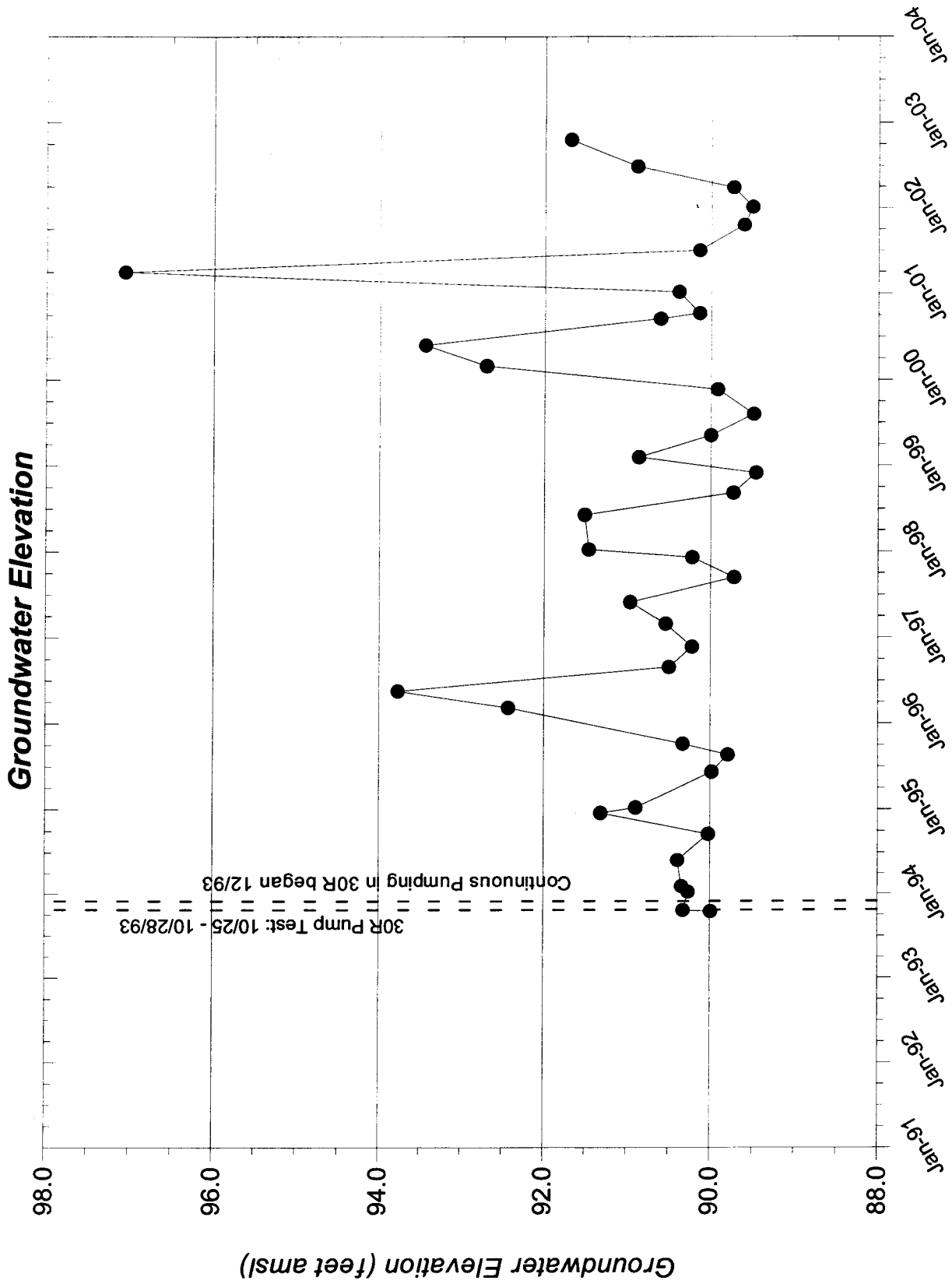
Former IBM Buildings 952 & 982 Leased Property
Well 952-13R



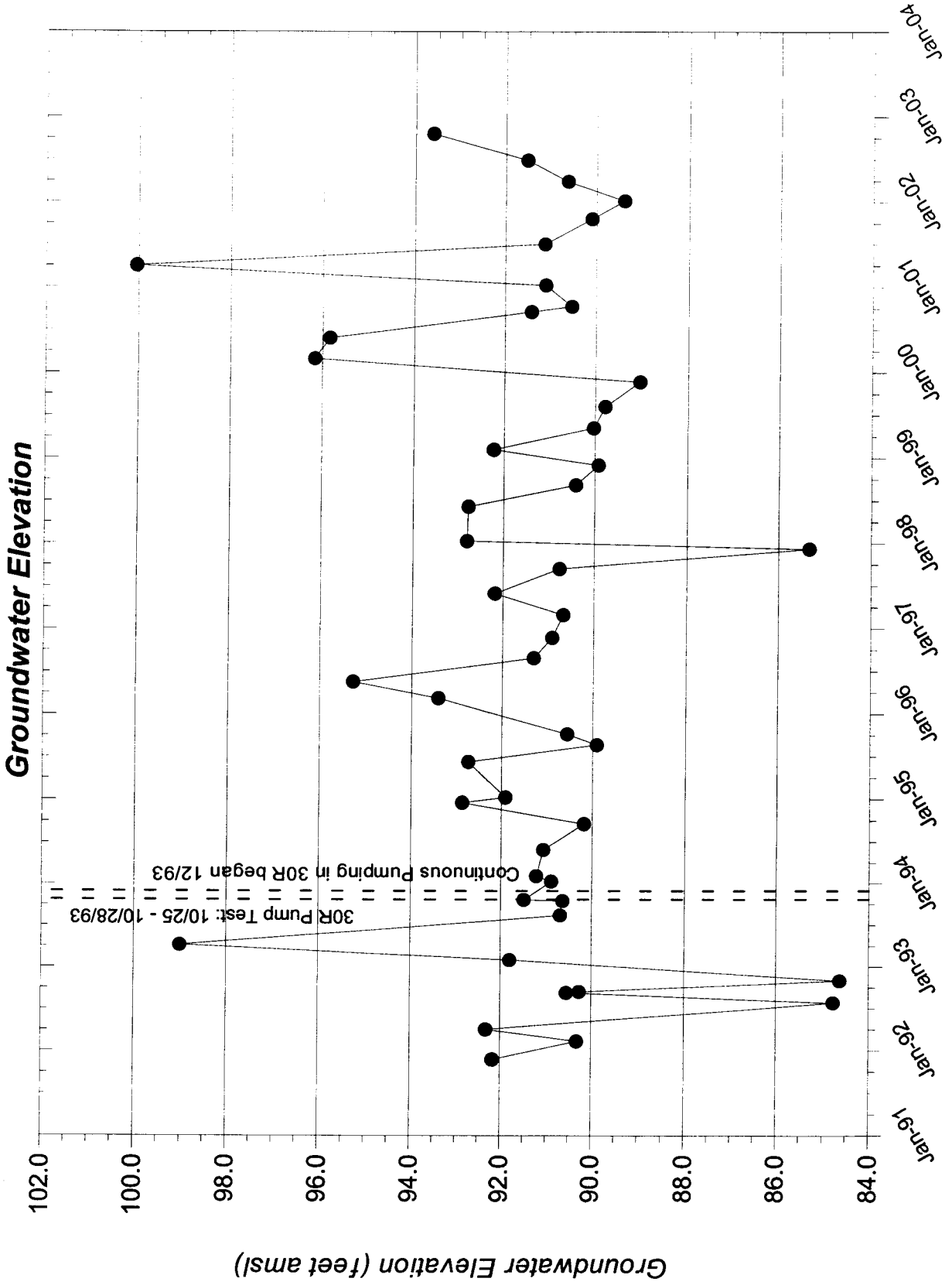
**Former IBM Buildings 952 & 982 Leased Property
Well 952-14R**



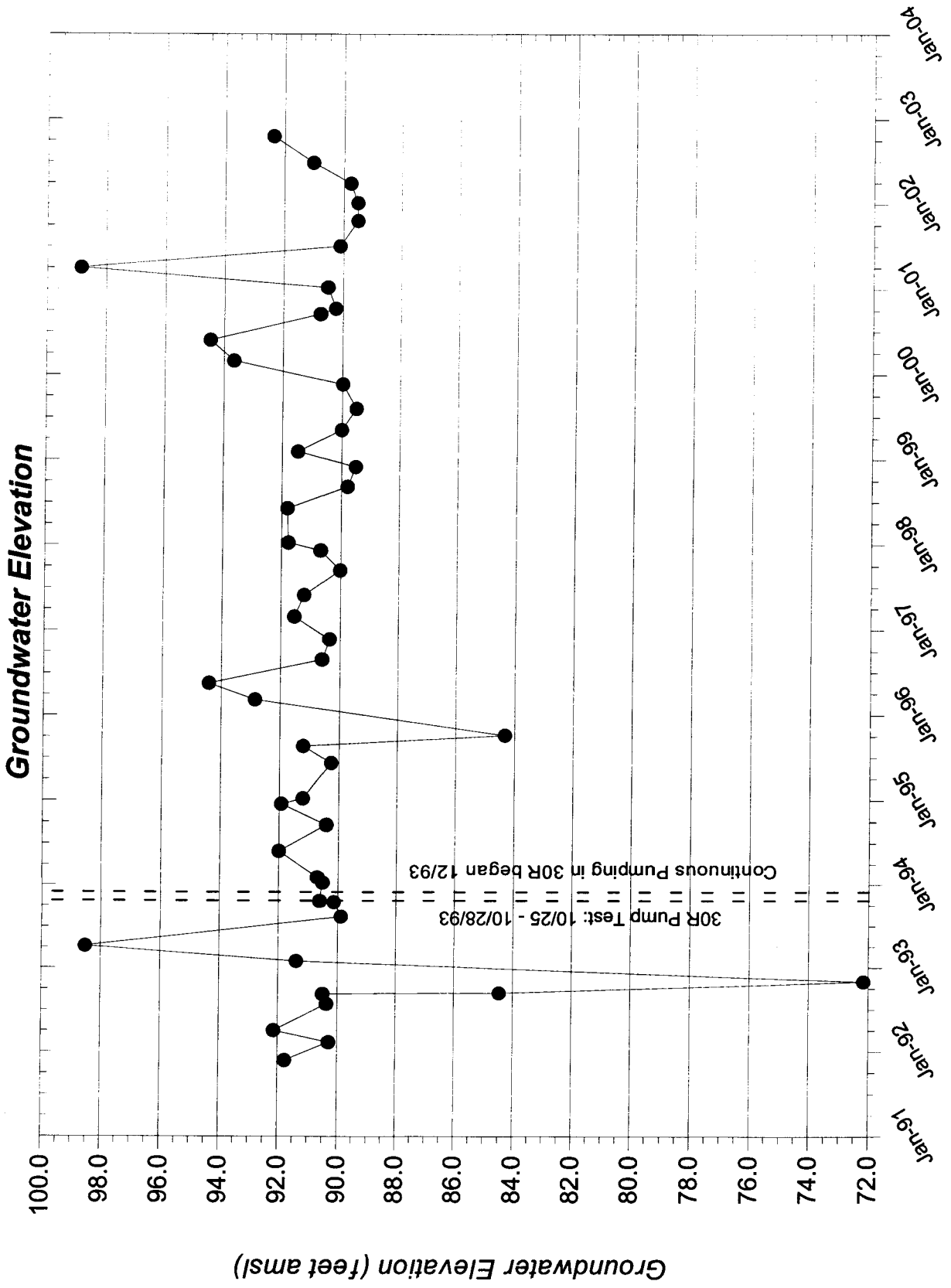
**Former IBM Buildings 952 & 982 Leased Property
Well 952-14RA**



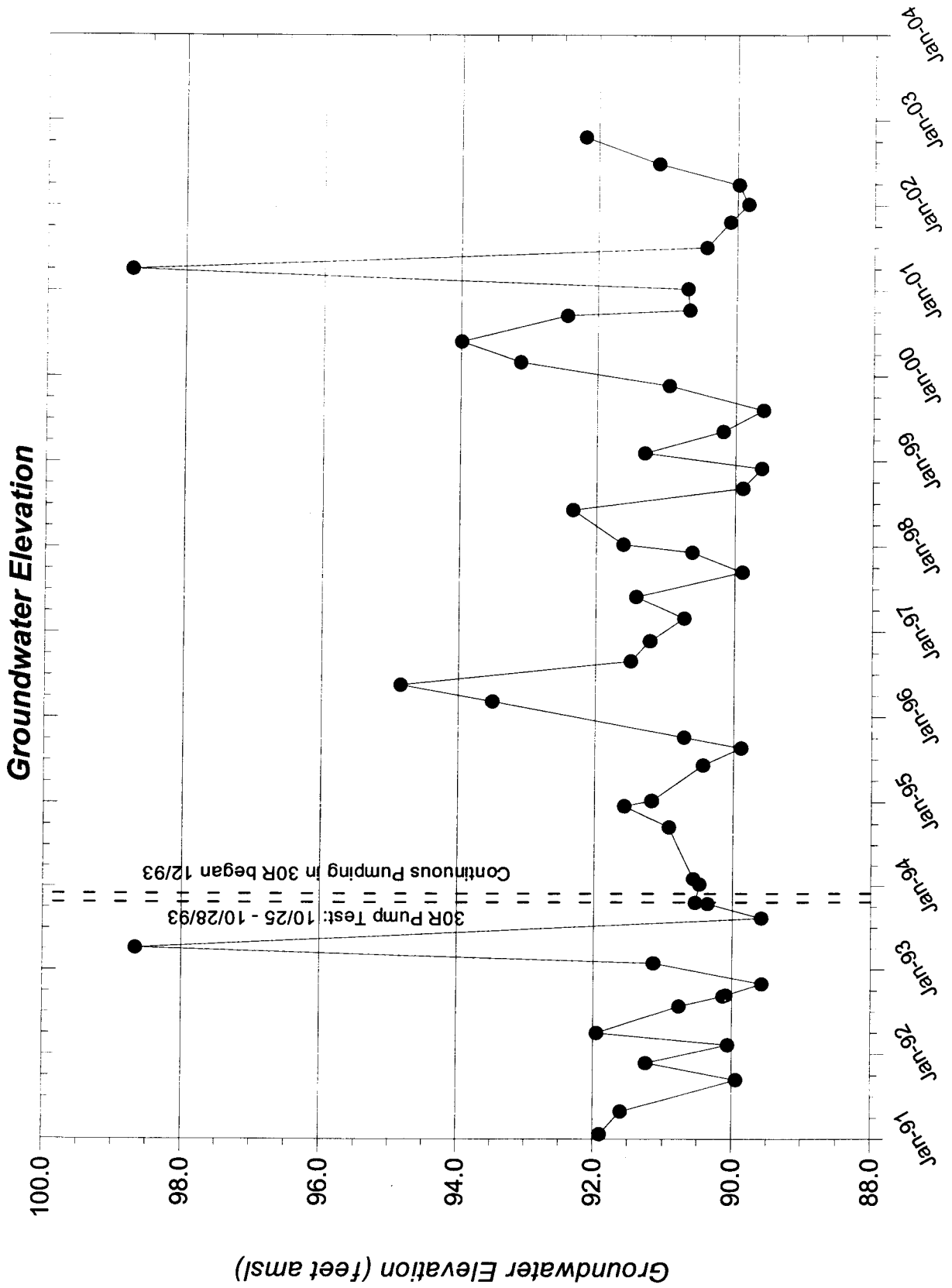
**Former IBM Buildings 952 & 982 Leased Property
Well 952-15RA**



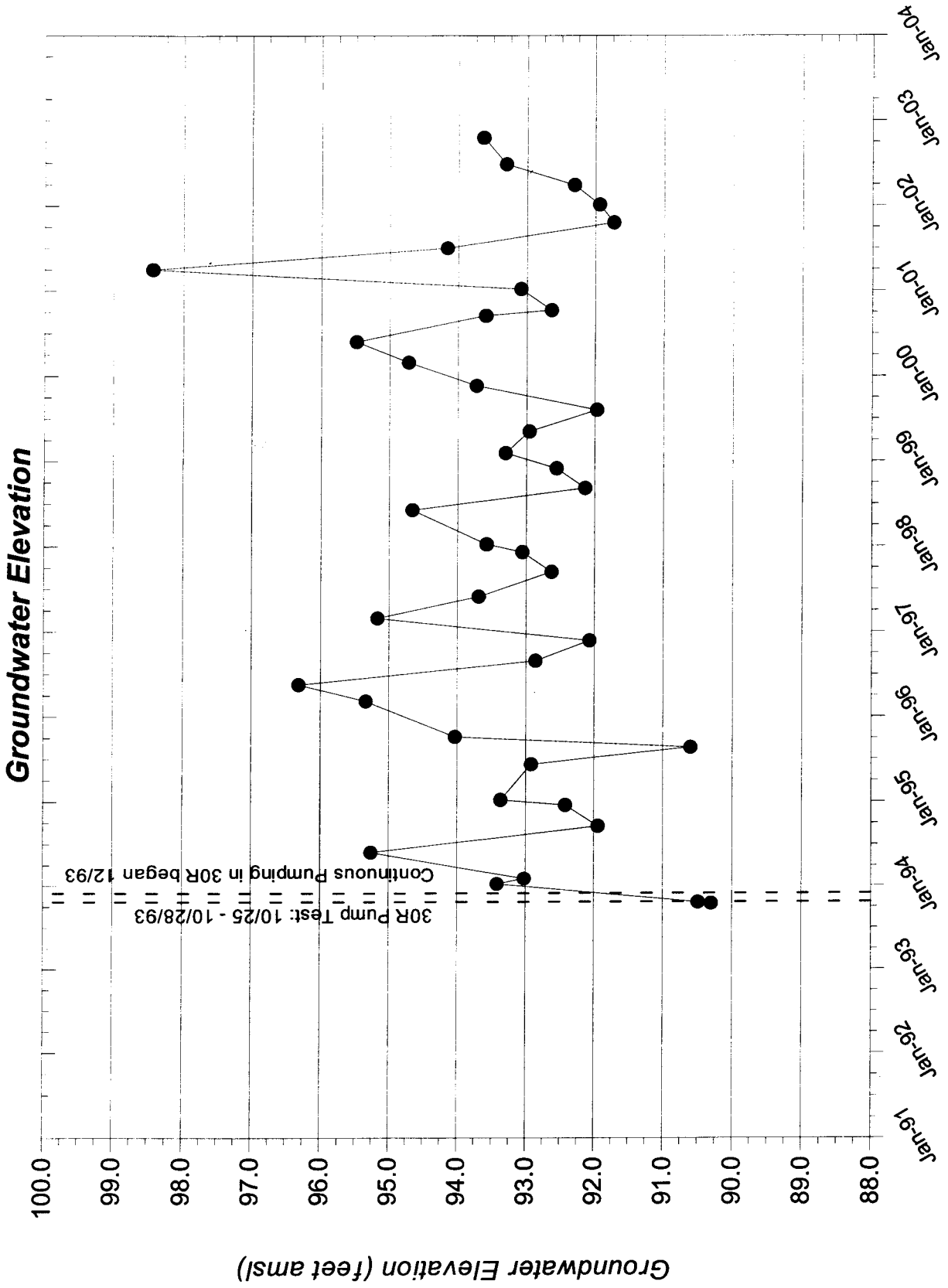
**Former IBM Buildings 952 & 982 Leased Property
Well 952-15RB**



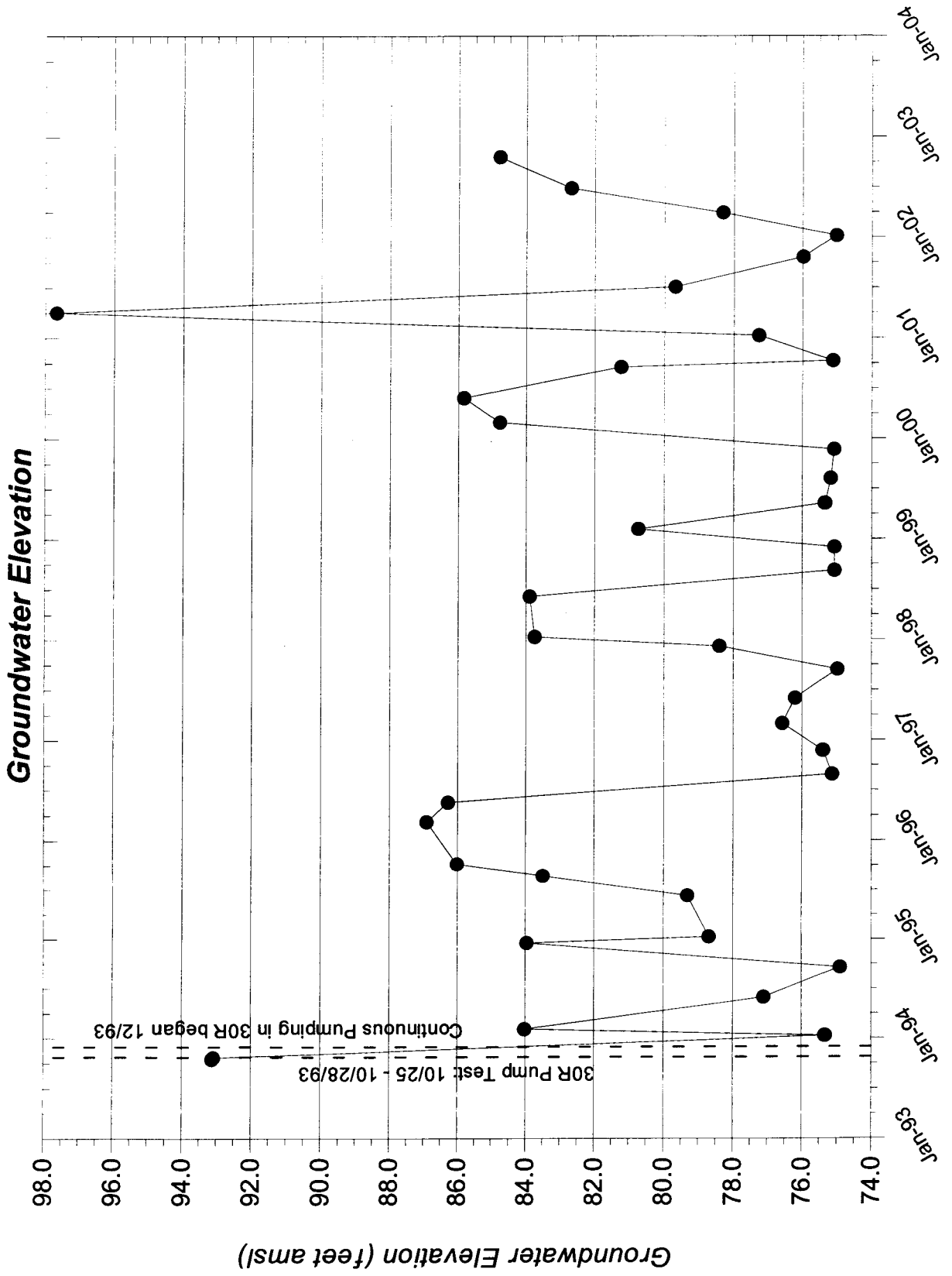
Former IBM Buildings 952 & 982 Leased Property
Well 952-16R



Former IBM Buildings 952 & 982 Leased Property
Well 952-29R

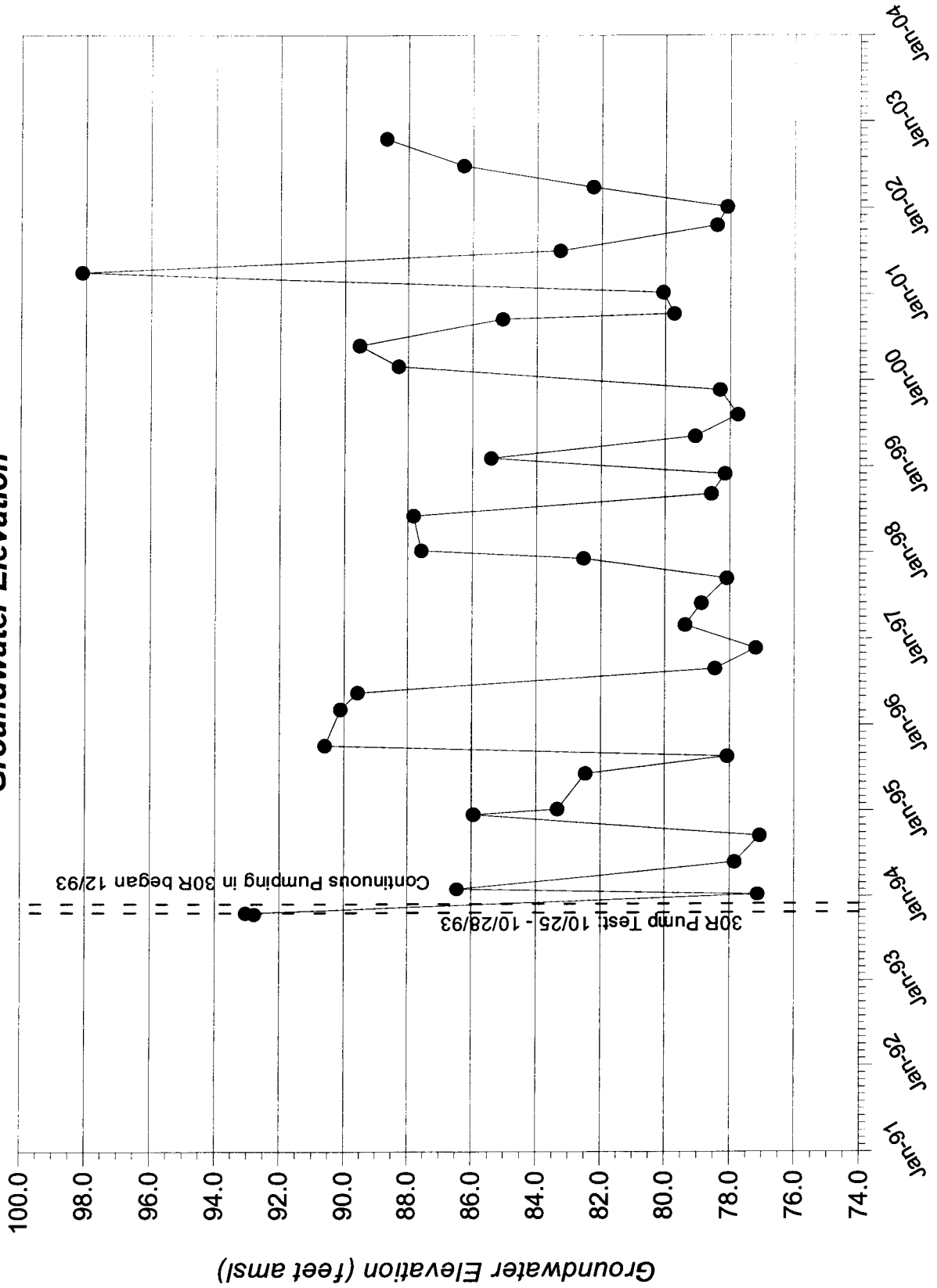


**Former IBM Buildings 952 & 982 Leased Property
Well 952-30R**



**Former IBM Buildings 952 & 982 Leased Property
Well 952-31R**

Groundwater Elevation



Appendix D
Groundwater Monitoring and QA/QC Data Reports



Former Building 952/982 Site
Annual Groundwater Monitoring Data Report
January 1, 2002 - December 31, 2002

952-008-R
GROUNDWATER
12/23/02
219459-004
01

952-008-R
GROUNDWATER
06/26/02
213238-012
01

952-006-R
GROUNDWATER
12/20/02
219395-004
01

952-006-R
GROUNDWATER
06/25/02
213238-010
01

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

PARAMETER	UNITS	952-006-R	952-008-R	952-008-R
ALCOHOLS, ACETATES, ALDEHYDES, KETONES				
BENZYL ALCOHOL	ug/l	NDa10	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2,4-TRICHLOROBENZENE	ug/l	NDa10	NA	NA
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/l	NDa1	NA	NA
1-CHLOROPROPANE	ug/l	NDa10	NA	NA
2,4-DINITROTOLUENE	ug/l	NDa10	NA	NA
2,6-DINITROTOLUENE	ug/l	NDa10	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1
2-CHLORONAPHTHALENE	ug/l	NDa10	NA	NA
2-METHYLNAPHTHALENE	ug/l	NDa10	NA	NA
2-NITROANILINE	ug/l	NDa25	NA	NA
3,3'-DICHLOROBENZIDENE	ug/l	NDa10	NA	NA
3-NITROANILINE	ug/l	NDa25	NA	NA
4-BROMOPHENYL PHENYL ETHER	ug/l	NDa10	NA	NA
4-CHLOROANILINE	ug/l	NDa10	NA	NA
4-CHLOROPHENYL PHENYL ETHER	ug/l	NDa10	NA	NA
4-NITROANILINE	ug/l	NDa25	NA	NA
ACENAPHTHENE	ug/l	NDa10	NA	NA
ACENAPHTHYLENE	ug/l	NDa10	NA	NA
ANTHRACENE	ug/l	NDa10	NA	NA
BENZO(A)ANTHRACENE	ug/l	NDa10	NA	NA
BENZO(A)PYRENE	ug/l	NDa10	NA	NA
BENZO(B)FLUORANTHENE	ug/l	NDa10	NA	NA
BENZO(GHI)PERYLENE	ug/l	NDa10	NA	NA
BENZO(K)FLUORANTHENE	ug/l	NDa10	NA	NA
BIS(2-CHLOROETHOXY)METHANE	ug/l	NDa10	NA	NA
BIS(2-CHLOROETHYL)ETHER	ug/l	NDa10	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	ug/l	NDa10	NA	NA
BUTYL BENZYL PHTHALATE	ug/l	NDa10	NA	NA
CHRYSENE	ug/l	NDa10	NA	NA
DI-N-BUTYL PHTHALATE	ug/l	NDa10	NA	NA
DI-N-OCTYL PHTHALATE	ug/l	NDa10	NA	NA
DIBENZO(A,H)ANTHRACENE	ug/l	NDa10	NA	NA
DIBENZOFURAN	ug/l	NDa10	NA	NA
DIETHYL PHTHALATE	ug/l	NDa10	NA	NA
DIMETHYL PHTHALATE	ug/l	NDa10	NA	NA
FLUORANTHENE	ug/l	NDa10	NA	NA
FLUORENE	ug/l	NDa10	NA	NA

Former Building 952/982 Site
Annual Groundwater Monitoring Data Report
January 1, 2002 - December 31, 2002

SAMPLE LOCATION	952-006-R	952-006-R	952-008-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	06/25/02	12/20/02	12/23/02
LABORATORY SAMPLE I.D.	213238-010	219395-004	219459-004
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES			

PARAMETER	UNITS	952-006-R	952-006-R	952-008-R
BASE/NEUTRAL EXTRACTABLES (Continued)				
HEXACHLOROBENZENE	ug/L	ND@10	ND@10	NA
HEXACHLOROBUTADIENE	ug/L	ND@10	ND@10	NA
HEXACHLOROCYCLOPENTADIENE	ug/L	ND@10	ND@10	NA
HEXACHLOROETHANE	ug/L	ND@10	ND@10	NA
INDENO(1,2,3,-C,D)PYRENE	ug/L	ND@10	ND@10	NA
ISOPHORONE	ug/L	ND@10	ND@10	NA
N-NITROSODI-N-PROPYLAMINE	ug/L	ND@10	ND@10	NA
N-NITROSODIMETHYLAMINE	ug/L	ND@10	ND@10	NA
N-NITROSODIPHENYLAMINE	ug/L	ND@10	ND@10	NA
NAPHTHALENE	ug/L	ND@10	ND@10	NA
NITROBENZENE	ug/L	ND@10	ND@10	NA
PHENANTHRENE	ug/L	ND@10	ND@10	NA
PYRENE	ug/L	ND@10	ND@10	NA

INDICATOR PARAMETERS	UNITS	952-006-R	952-006-R	952-008-R
TURBIDITY	tu	0.7	18	6.3

PETROLEUM PRODUCTS	UNITS	952-006-R	952-006-R	952-008-R
OIL & GREASE	ug/L	ND@3800	ND@3800	ND@3800

VOLATILE ORGANICS	UNITS	952-006-R	952-006-R	952-008-R
1,1,1,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	0.66J	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/L	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1

Former Building 952/982 Site
Annual Groundwater Monitoring Data Report
January 1, 2002 - December 31, 2002

952-008-R
GROUNDWATER
12/23/02
219459-004
01

952-008-R
GROUNDWATER
06/26/02
213238-012
01

952-006-R
GROUNDWATER
12/20/02
219395-004
01

952-006-R
GROUNDWATER
06/25/02
213238-010
01

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

PARAMETER

UNITS

VOLATILE ORGANICS (Cont inued)

BENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	NA	NA	NA	NA
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
DIBROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/L	ND@1.2	ND@1.1	ND@1.1	ND@1.1
TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1	ND@1

Former Building 952/982 Site
Annual Groundwater Monitoring Data Report
January 1, 2002 - December 31, 2002

SAMPLE LOCATION	952-009-R	952-009-R	952-010-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	06/26/02	12/24/02	12/20/02
LABORATORY SAMPLE I.D.	213238-013	219466-004	219395-001
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES			

PARAMETER	UNITS	952-009-R	952-010-R	952-010-R
ALCOHOLS, ACETATES, ALDEHYDES, KETONES				
BENZYL ALCOHOL	ug/l	NDa10	NDa10	NDa100
BASE/NEUTRAL EXTRACTABLES				
1,2,4-TRICHLOROBENZENE	ug/l	NDa10	NDa10	190
1,2-DICHLOROBENZENE	ug/l	NDa1	NDa1	4900D
1,3-DICHLOROBENZENE	ug/l	NDa1	NDa1	960D
1,4-DICHLOROBENZENE	ug/l	NDa1	NDa1	1300D
1-CHLOROPROPANE	ug/l	NDa10	NDa10	NDa100
2,4-DINITROTOLUENE	ug/l	NDa10	NDa10	NDa100
2,6-DINITROTOLUENE	ug/l	NDa10	NDa10	NDa100
2-CHLOROETHYL VINYL ETHER	ug/l	NDa1	NDa1	NDa1
2-CHLORONAPHTHALENE	ug/l	NDa10	NDa10	NDa100
2-METHYLNAPHTHALENE	ug/l	NDa10	NDa10	NDa100
2-NITROANILINE	ug/l	NDa25	NDa25	NDa250
3,3'-DICHLOROBENZIDENE	ug/l	NDa10	NDa10	NDa100
3-NITROANILINE	ug/l	NDa10	NDa10	NDa250
4-BROMOPHENYL PHENYL ETHER	ug/l	NDa10	NDa10	NDa100
4-CHLORANILINE	ug/l	NDa10	NDa10	NDa100
4-CHLOROPHENYL PHENYL ETHER	ug/l	NDa10	NDa10	NDa100
4-NITROANILINE	ug/l	NDa25	NDa25	NDa250
ACENAPHTHENE	ug/l	NDa10	NDa10	NDa100
ACENAPHTHYLENE	ug/l	NDa10	NDa10	NDa100
ANTHRACENE	ug/l	NDa10	NDa10	NDa100
BENZO(A)ANTHRACENE	ug/l	NDa10	NDa10	NDa100
BENZO(A)PYRENE	ug/l	NDa10	NDa10	NDa100
BENZO(B)FLUORANTHENE	ug/l	NDa10	NDa10	NDa100
BENZO(GHI)PERYLENE	ug/l	NDa10	NDa10	NDa100
BENZO(K)FLUORANTHENE	ug/l	NDa10	NDa10	NDa100
BIS(2-CHLOROETHOXY)METHANE	ug/l	NDa10	NDa10	NDa100
BIS(2-CHLOROETHYL)ETHER	ug/l	NDa10	NDa10	NDa100
BIS(2-ETHYLHEXYL)PHTHALATE	ug/l	NDa10	NDa10	NDa100
BUTYL BENZYL PHTHALATE	ug/l	NDa10	NDa10	NDa100
CHRYSENE	ug/l	NDa10	NDa10	NDa100
DI-N-BUTYL PHTHALATE	ug/l	NDa10	NDa10	NDa100
DI-N-OCTYL PHTHALATE	ug/l	NDa10	NDa10	NDa100
DIBENZO(A,H)ANTHRACENE	ug/l	NDa10	NDa10	NDa100
DIBENZOFURAN	ug/l	NDa10	NDa10	NDa100
DIETHYL PHTHALATE	ug/l	NDa10	NDa10	NDa100
DIMETHYL PHTHALATE	ug/l	NDa10	NDa10	NDa100
FLUORANTHENE	ug/l	NDa10	NDa10	NDa100
FLUORENE	ug/l	NDa10	NDa10	NDa100

Former Building 952/982 Site
Annual Groundwater Monitoring Data Report
January 1, 2002 - December 31, 2002

SAMPLE LOCATION	952-009-R	952-010-R	952-010-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	06/26/02	06/21/02	12/20/02
LABORATORY SAMPLE I.D.	213238-013	213093-004	219395-001
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES			

PARAMETER	UNITS	952-009-R	952-010-R	952-010-R
BASE/NEUTRAL EXTRACTABLES (Continued)				
HEXACHLOROBENZENE	ug/l	NDa10	NDa100	NDa100
HEXACHLOROBUTADIENE	ug/l	NDa10	NDa100	NDa100
HEXACHLOROCYCLOPENTADIENE	ug/l	NDa10	NDa100	NDa100
HEXACHLOROETHANE	ug/l	NDa10	NDa100	NDa100
INDENO(1,2,3-c,d)PYRENE	ug/l	NDa10	NDa100	NDa100
ISOPHORONE	ug/l	NDa10	NDa100	NDa100
N-NITROSODI-N-PROPYLAMINE	ug/l	NDa10	NDa100	NDa100
N-NITROSODIMETHYLAMINE	ug/l	NDa10	NDa100	NDa100
N-NITROSODIPHENYLAMINE	ug/l	NDa10	NDa100	NDa100
NAPHTHALENE	ug/l	NDa10	NDa100	NDa100
NITROBENZENE	ug/l	NDa10	NDa100	NDa100
PHENANTHRENE	ug/l	NDa10	NDa100	NDa100
PYRENE	ug/l	NDa10	NDa100	NDa100

INDICATOR PARAMETERS				
TURBIDITY	tu	0.25	4.7	5.5

PETROLEUM PRODUCTS				
OIL & GREASE	ug/l	NDa3800	NDa3800	NDa3800

VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/l	NDa1	NDa1	NDa1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/l	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/l	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/l	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/l	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/l	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/l	NDa1	NDa1	NDa1

Former Building 952/982 Site
Annual Groundwater Monitoring Data Report
January 1, 2002 - December 31, 2002

SAMPLE LOCATION	952-009-R	952-009-R	952-010-R	952-010-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	06/26/02	12/24/02	06/21/02	12/20/02
LABORATORY SAMPLE I.D.	213238-013	219466-004	213093-004	219395-001
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
BENZENE	ug/L	ND@1	ND@10	ND@1
BENZYL CHLORIDE	ug/L	ND@1	110	ND@1
BROMOBENZENE	ug/L	ND@1	ND@10	3.2
BROMODICHLOROMETHANE	ug/L	ND@1	ND@10	ND@1
BROMOFORM	ug/L	ND@1	ND@10	1.6
BROMOMETHANE	ug/L	ND@1	ND@10	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@10	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@10	12
CHLORODIBROMOMETHANE	ug/L	NA	6.8J	NA
CHLOROETHANE	ug/L	NA	NA	NA
CHLOROFORM	ug/L	ND@1	ND@10	ND@1
CHLOROMETHANE	ug/L	0.69J	ND@10	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@10	ND@1
DIBROMODICHLOROMETHANE	ug/L	ND@1	ND@10	ND@1
DIBROMOMETHANE	ug/L	ND@1	ND@10	ND@1
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@10	ND@1
ETHYLBENZENE	ug/L	ND@1	ND@10	0.78J
METHYLENE CHLORIDE	ug/L	ND@1.1	ND@10	ND@1
TETRACHLOROETHYLENE	ug/L	ND@1	ND@10	2.2
TOLUENE	ug/L	ND@1	ND@10	0.51J
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@10	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	11	7.9
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@10	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@10	ND@1
XYLENE, TOTAL	ug/L	ND@1	ND@10	5.3

Former Building 952/982 Site
Annual Groundwater Monitoring Data Report
January 1, 2002 - December 31, 2002

SAMPLE LOCATION	952-011-R	952-012-R	952-012-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	06/25/02	06/26/02	12/24/02
LABORATORY SAMPLE I.D.	213238-002	213238-011	219466-002
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES			

PARAMETER	UNITS	952-011-R	952-012-R	952-012-R
ALCOHOLS, ACETATES, ALDEHYDES, KETONES				
BENZYL ALCOHOL	ug/L	NDa10	NDa10	NA
BASE/NEUTRAL EXTRACTABLES				
1,2,4-TRICHLOROBENZENE	ug/L	NDa10	NDa10	NA
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa10	NDa10	NA
1-CHLOROPROPANE	ug/L	NDa10	NDa10	NA
2,4-DINITROTOLUENE	ug/L	NDa10	NDa10	NA
2,6-DINITROTOLUENE	ug/L	NDa1	NDa1	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NDa1
2-METHYLNAPHTHALENE	ug/L	NDa10	NDa10	NA
2-NITROANILINE	ug/L	NDa25	NDa25	NA
3,3'-DICHLOROBENZIDENE	ug/L	NDa10	NDa10	NA
3-NITROANILINE	ug/L	NDa25	NDa25	NA
4-BROMOPHENYL PHENYL ETHER	ug/L	NDa10	NDa10	NA
4-CHLOROANILINE	ug/L	NDa10	NDa10	NA
4-CHLOROPHENYL PHENYL ETHER	ug/L	NDa10	NDa10	NA
4-NITROANILINE	ug/L	NDa25	NDa25	NA
ACENAPHTHYLENE	ug/L	NDa10	NDa10	NA
ANTHRACENE	ug/L	NDa10	NDa10	NA
BENZO(A)ANTHRACENE	ug/L	NDa10	NDa10	NA
BENZO(A)PYRENE	ug/L	NDa10	NDa10	NA
BENZO(B)FLUORANTHENE	ug/L	NDa10	NDa10	NA
BENZO(GHI)PERYLENE	ug/L	NDa10	NDa10	NA
BENZO(K)FLUORANTHENE	ug/L	NDa10	NDa10	NA
BIS(2-CHLOROETHOXY)METHANE	ug/L	NDa10	NDa10	NA
BIS(2-CHLOROETHYL)ETHER	ug/L	NDa10	NDa10	NA
BIS(2-ETHYLHEXYL)PHthalate	ug/L	3.7J	2.7J	NA
BUTYL BENZYL PHthalate	ug/L	NDa10	NDa10	NA
CHRYSENE	ug/L	NDa10	NDa10	NA
DI-N-BUTYL PHthalate	ug/L	NDa10	NDa10	NA
DI-N-OCTYL PHthalate	ug/L	NDa10	NDa10	NA
DIBENZO(A,H)ANTHRACENE	ug/L	NDa10	NDa10	NA
DIBENZOFURAN	ug/L	NDa10	NDa10	NA
DIETHYL PHthalate	ug/L	NDa10	NDa10	NA
DIMETHYL PHthalate	ug/L	NDa10	NDa10	NA
FLUORANTHENE	ug/L	NDa10	NDa10	NA
FLUORENE	ug/L	NDa10	NDa10	NA

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SAMPLE LOCATION	952-011-R	952-011-R	952-012-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	06/25/02	12/20/02	12/24/02
LABORATORY SAMPLE I.D.	213238-002	219395-010	219466-002
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES			

PARAMETER	UNITS	952-011-R	952-011-R	952-012-R
BASE/NEUTRAL EXTRACTABLES (continued)				
HEXACHLOROBENZENE	ug/L	NDa10	NDa10	NA
HEXACHLOROBUTADIENE	ug/L	NDa10	NDa10	NA
HEXACHLOROCYCLOPENTADIENE	ug/L	NDa10	NDa10	NA
HEXACHLOROETHANE	ug/L	NDa10	NDa10	NA
INDENO(1,2,3,-C,D)PYRENE	ug/L	NDa10	NDa10	NA
ISOPHORONE	ug/L	NDa10	NDa10	NA
N-NITROSODI-N-PROPYLAMINE	ug/L	NDa10	NDa10	NA
N-NITROSODIMETHYLAMINE	ug/L	NDa10	NDa10	NA
N-NITROSODIPHENYLAMINE	ug/L	NDa10	NDa10	NA
NAPHTHALENE	ug/L	NDa10	NDa10	NA
NITROBENZENE	ug/L	NDa10	NDa10	NA
PHENANTHRENE	ug/L	NDa10	NDa10	NA
PYRENE	ug/L	NDa10	NDa10	NA

INDICATOR PARAMETERS				
TURBIDITY	tu	5.5	20	4.1

PETROLEUM PRODUCTS				
OIL & GREASE	ug/L	NDa3800	NDa3800	NDa3800

VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1
1-CHLOROHEXANE	ug/L	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1

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SAMPLE LOCATION	952-011-R	952-011-R	952-012-R	952-012-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	06/25/02	12/20/02	06/26/02	12/24/02
LABORATORY SAMPLE I. D.	215238-002	219395-010	215238-011	219466-002
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				

PARAMETER	UNITS	952-011-R	952-011-R	952-012-R	952-012-R
VOLATILE ORGANICS (Continued)					
BENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/L	ND@1	0.41J	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	NA	NA	NA	NA
CHLOROETHANE	ug/L	ND@1	2.7	ND@1	0.91J
CHLOROFORM	ug/L	2.5	2.7	1.3	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
DIBROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	0.79J	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1	ND@1

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952-013-R

SAMPLE LOCATION	952-013-R	952-014-R	952-014-R	952-014-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	06/21/02	12/20/02	06/25/02	12/20/02
LABORATORY SAMPLE I. D.	213093-006	219395-002	213238-004	219395-007
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				

PARAMETER	UNITS	952-013-R	952-014-R	952-014-R	952-014-R
ALCOHOLS, ACETATES, ALDEHYDES, KETONES					
BENZYL ALCOHOL	ug/L	NDa10	NDa10	NDa10	NDa10
BASE/NEUTRAL EXTRACTABLES					
1,2,4-TRICHLOROBENZENE	ug/L	NDa10	NDa10	NDa10	NDa10
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1-CHLOROPROPANE	ug/L	NDa10	NDa10	NDa10	NDa10
2,4-DINITROTOLUENE	ug/L	NDa10	NDa10	NDa10	NDa10
2,6-DINITROTOLUENE	ug/L	NDa10	NDa10	NDa10	NDa10
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1
2-CHLORONAPHTHALENE	ug/L	NDa10	NDa10	NDa10	NDa10
2-METHYLNAPHTHALENE	ug/L	NDa10	NDa10	NDa10	NDa10
2-NITROANILINE	ug/L	NDa25	NDa25	NDa25	NDa25
3,3'-DICHLOROBENZIDENE	ug/L	NDa10	NDa10	NDa10	NDa10
3-NITROANILINE	ug/L	NDa25	NDa25	NDa25	NDa25
4-BROMOPHENYL PHENYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10
4-CHLOROANILINE	ug/L	NDa10	NDa10	NDa10	NDa10
4-CHLOROPHENYL PHENYL ETHER	ug/L	NDa10	NDa10	NDa10	NDa10
4-NITROANILINE	ug/L	NDa25	NDa25	NDa25	NDa25
ACENAPHTHENE	ug/L	NDa10	NDa10	NDa10	NDa10
ACENAPHTHYLENE	ug/L	NDa10	NDa10	NDa10	NDa10
ANTHRACENE	ug/L	NDa10	NDa10	NDa10	NDa10
BENZO(A)ANTHRACENE	ug/L	NDa10	NDa10	NDa10	NDa10
BENZO(A)PYRENE	ug/L	NDa10	NDa10	NDa10	NDa10
BENZO(B)FLUORANTHENE	ug/L	NDa10	NDa10	NDa10	NDa10
BENZO(GHI)PERYLENE	ug/L	NDa10	NDa10	NDa10	NDa10
BENZO(K)FLUORANTHENE	ug/L	NDa10	NDa10	NDa10	NDa10
BIS(2-CHLOROETHOXY)METHANE	ug/L	NDa10	NDa10	NDa10	NDa10
BIS(2-CHLOROETHYL)ETHER	ug/L	NDa10	NDa10	NDa10	NDa10
BIS(2-ETHYLHEXYL)PHTHALATE	ug/L	NDa10	NDa10	NDa10	NDa10
BUTYL BENZYL PHTHALATE	ug/L	NDa10	NDa10	NDa10	NDa10
CHRYSENE	ug/L	NDa10	NDa10	NDa10	NDa10
DI-N-BUTYL PHTHALATE	ug/L	NDa10	NDa10	NDa10	NDa10
DI-N-OCTYL PHTHALATE	ug/L	NDa10	NDa10	NDa10	NDa10
DIBENZO(A,H)ANTHRACENE	ug/L	NDa10	NDa10	NDa10	NDa10
DIBENZOFURAN	ug/L	NDa10	NDa10	NDa10	NDa10
DIETHYL PHTHALATE	ug/L	NDa10	NDa10	NDa10	NDa10
DIMETHYL PHTHALATE	ug/L	NDa10	NDa10	NDa10	NDa10
FLUORANTHENE	ug/L	NDa10	NDa10	NDa10	NDa10
FLUORENE	ug/L	NDa10	NDa10	NDa10	NDa10

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952-013-R
GROUNDWATER
06/21/02
213695-006
01

952-013-R
GROUNDWATER
12/20/02
219395-002
01

952-014-R
GROUNDWATER
06/25/02
213238-003
01

952-014-R
REPLICATE
06/25/02
213238-004
01

952-014-R
REPLICATE
12/20/02
219395-007
01

SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

PARAMETER	UNITS	952-013-R	952-013-R	952-014-R	952-014-R	952-014-R
BASE/NEUTRAL EXTRACTABLES (Continued)						
HEXACHLOROBENZENE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
HEXACHLOROBUTADIENE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
HEXACHLOROCYCLOPENTADIENE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
HEXACHLOROETHANE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
INDENO(1,2,3,-C,D)PYRENE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
ISOPHORONE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
N-NITROSODI-N-PROPYLAMINE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
N-NITROSODIMETHYLAMINE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
N-NITROSODIPHENYLAMINE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
NAPHTHALENE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
PHENANTHRENE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10
PYRENE	ug/L	NDa10	NDa10	NDa10	NDa10	NDa10

INDICATOR PARAMETERS

TURBIDITY

tu

17

16

0.55

0.5

16

PETROLEUM PRODUCTS

OIL & GREASE

ug/L

NDa3800

NDa3800

NA

NA

NA

PARAMETER	UNITS	952-013-R	952-013-R	952-014-R	952-014-R	952-014-R
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1J	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1J	NDa1	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
1-CHLOROHXANE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1	NDa1

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SAMPLE LOCATION	952-013-R	952-013-R	952-014-R	952-014-R	952-014-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	REPLICATE
SAMPLE DATE	06/21/02	12/20/02	06/25/02	06/25/02	12/20/02
LABORATORY SAMPLE I.D.	213093-006	219395-002	213238-003	213238-004	219395-007
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER					
	UNITS				
VOLATILE ORGANICS (Continued)					
BENZENE	ug/L	ND&1	ND&1	ND&1	ND&1
BENZYL CHLORIDE	ug/L	ND&1	ND&1	ND&1	ND&1
BROMOBENZENE	ug/L	ND&1	ND&1	ND&1	ND&1
BROMODICHLOROMETHANE	ug/L	ND&1	ND&1	ND&1	ND&1
BROMOFORM	ug/L	ND&1	ND&1	ND&1	ND&1
BROMOMETHANE	ug/L	ND&1	ND&1	ND&1	ND&1
CARBON TETRACHLORIDE	ug/L	ND&1	ND&1	ND&1	ND&1
CHLOROBENZENE	ug/L	ND&1	ND&1	ND&1	ND&1
CHLORODIBROMOMETHANE	ug/L	ND&1	ND&1	ND&1	ND&1
CHLOROETHANE	ug/L	NA	NA	NA	NA
CHLOROFORM	ug/L	ND&1	ND&1	ND&1	ND&1
CHLOROMETHANE	ug/L	0.69J	ND&1	ND&1	ND&1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND&1	ND&1	ND&1	ND&1
DIBROMODICHLOROMETHANE	ug/L	ND&1	ND&1	ND&1	ND&1
DIBROMOMETHANE	ug/L	ND&1	ND&1	ND&1	ND&1
DICHLORODIFLUOROMETHANE	ug/L	ND&1	ND&1	ND&1	ND&1
ETHYLENE CHLORIDE	ug/L	ND&1	ND&1	ND&1	ND&1
METHYLENE CHLORIDE	ug/L	ND&1	ND&1	ND&1	ND&1
TETRACHLOROETHYLENE	ug/L	ND&1	ND&1	ND&1	ND&1
TOLUENE	ug/L	ND&1	ND&1	ND&1	ND&1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND&1	ND&1	ND&1	ND&1
TRICHLOROETHYLENE	ug/L	4.1	ND&1	ND&1	ND&1
TRICHLOROFLUOROMETHANE	ug/L	4.1	ND&1	ND&1	ND&1
VINYL CHLORIDE	ug/L	ND&1	ND&1	ND&1	ND&1
XYLENE, TOTAL	ug/L	ND&1	ND&1	ND&1	ND&1

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SAMPLE LOCATION	952-014-R	952-014-R	952-015-RA
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	12/20/02	12/20/02	06/21/02
LABORATORY SAMPLE I.D.	219395-006	219395-009	213093-002
SAMPLE RUN NUMBER	01	01	01
SAMPLE COMMENT CODES			

PARAMETER	UNITS	952-014-R	952-014-R	952-015-RA
ALCOHOLS, ACETATES, ALDEHYDES, KETONES				
BENZYL ALCOHOL	ug/L	NDa10	NDa10	NA
BASE/NEUTRAL EXTRACTABLES				
1,2,4-TRICHLOROBENZENE	ug/L	NDa10	NDa10	NA
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NDa10	NDa10	NA
1-CHLOROPROPANE	ug/L	NDa10	NDa10	NA
2,4-DINITROTOLUENE	ug/L	NDa10	NDa10	NA
2,6-DINITROTOLUENE	ug/L	NDa1	NDa1	NDa1
2-CHLOROETHYL VINYL ETHER	ug/L	NDa10	NDa10	NA
2-CHLORONAPHTHALENE	ug/L	NDa10	NDa10	NA
2-METHYLNAPHTHALENE	ug/L	NDa25	NDa25	NA
2-NITROANILINE	ug/L	NDa10	NDa10	NA
3,3'-DICHLOROBENZIDENE	ug/L	NDa25	NDa25	NA
3-NITROANILINE	ug/L	NDa10	NDa10	NA
4-BROMOPHENYL PHENYL ETHER	ug/L	NDa10	NDa10	NA
4-CHLOROANILINE	ug/L	NDa10	NDa10	NA
4-CHLOROPHENYL PHENYL ETHER	ug/L	NDa25	NDa25	NA
4-NITROANILINE	ug/L	NDa10	NDa10	NA
ACENAPHTHYLENE	ug/L	NDa10	NDa10	NA
ANTHRACENE	ug/L	NDa10	NDa10	NA
BENZO(A)ANTHRACENE	ug/L	NDa10	NDa10	NA
BENZO(B)PYRENE	ug/L	NDa10	NDa10	NA
BENZO(GHI)PERYLENE	ug/L	NDa10	NDa10	NA
BENZO(K)FLUORANTHENE	ug/L	NDa10	NDa10	NA
BIS(2-CHLOROETHOXY)METHANE	ug/L	NDa10	NDa10	NA
BIS(2-CHLOROETHYL)ETHER	ug/L	NDa10	NDa10	NA
BIS(2-ETHYLHEXYL)PHTHALATE	ug/L	NDa10	NDa10	NA
BUTYL BENZYL PHTHALATE	ug/L	2.8J	1.3J	NA
CHRYSENE	ug/L	NDa10	NDa10	NA
DI-N-BUTYL PHTHALATE	ug/L	NDa10	NDa10	NA
DI-N-OCTYL PHTHALATE	ug/L	NDa10	NDa10	NA
DIBENZO(A,H)ANTHRACENE	ug/L	NDa10	NDa10	NA
DIBENZOFURAN	ug/L	NDa10	NDa10	NA
DIETHYL PHTHALATE	ug/L	NDa10	NDa10	NA
DIMETHYL PHTHALATE	ug/L	NDa10	NDa10	NA
FLUORANTHENE	ug/L	NDa10	NDa10	NA
FLUORENE	ug/L	NDa10	NDa10	NA

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SAMPLE LOCATION
SAMPLE DESCRIPTION
SAMPLE DATE
LABORATORY SAMPLE I.D.
SAMPLE RUN NUMBER
SAMPLE COMMENT CODES

PARAMETER	UNITS	952-014-R GROUNDWATER 12/20/02 219355-006 01	952-014-RA GROUNDWATER 06/25/02 213238-007 01	952-014-RA GROUNDWATER 12/20/02 219355-009 01	952-015-RA GROUNDWATER 06/21/02 213095-002 01
BASE/NEUTRAL EXTRACTABLES (continued)					
HEXACHLOROBENZENE	ug/L	ND@10	ND@10	ND@10	NA
HEXACHLOROBUTADIENE	ug/L	ND@10	ND@10	ND@10	NA
HEXACHLOROCYCLOPENTADIENE	ug/L	ND@10	ND@10	ND@10	NA
HEXACHLOROETHANE	ug/L	ND@10	ND@10	ND@10	NA
INDENO(1,2,3,-C,D)PYRENE	ug/L	ND@10	ND@10	ND@10	NA
ISOPHORONE	ug/L	ND@10	ND@10	ND@10	NA
N-NITROSODI-N-PROPYLAMINE	ug/L	ND@10	ND@10	ND@10	NA
N-NITROSODIMETHYLAMINE	ug/L	ND@10	ND@10	ND@10	NA
N-NITROSODIPHENYLAMINE	ug/L	ND@10	ND@10	ND@10	NA
NAPHTHALENE	ug/L	ND@10	ND@10	ND@10	NA
NITROBENZENE	ug/L	ND@10	ND@10	ND@10	NA
PHENANTHRENE	ug/L	ND@10	ND@10	ND@10	NA
PYRENE	ug/L	ND@10	ND@10	ND@10	NA

INDICATOR PARAMETERS
TURBIDITY

TURBIDITY	tu	9	0.72	19	6.8
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PETROLEUM PRODUCTS
OIL & GREASE

PETROLEUM PRODUCTS					
OIL & GREASE	ug/L	NA	NA	NA	NA

VOLATILE ORGANICS

1,1,1,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/L	1.2	2	1.6	0.72J
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1	ND@1
1-CHLOROHXANE	ug/L	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1

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SAMPLE LOCATION	952-014-R	952-014-R	952-014-R	952-014-R	952-015-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	12/20/02	06/25/02	12/20/02	06/21/02	06/21/02
LABORATORY SAMPLE I. D.	219395-006	213238-007	219395-009	213093-002	213093-002
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
BENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/L	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/L	NA	NA	NA	NA
CHLOROFORM	ug/L	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
DIBROMODICHLOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/L	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/L	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/L	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1	ND@1

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SAMPLE LOCATION	952-015-RA	952-015-RB	952-015-RB	952-015-RB	952-016-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	12/23/02	06/21/02	12/23/02	06/25/02	06/25/02
LABORATORY SAMPLE I.D.	219459-007	213093-001	219459-006	213258-009	213258-009
SAMPLE RUN NUMBER	01	01	01	01	01
SAMPLE COMMENT CODES					

PARAMETER	UNITS	952-015-RA	952-015-RB	952-015-RB	952-016-R
ALCOHOLS, ACETATES, ALDEHYDES, KETONES					
BENZYL ALCOHOL	ug/L	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2,4-TRICHLOROBENZENE	ug/L	NA	NA	NA	NA
1,2-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,3-DICHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
1,4-DICHLOROBENZENE	ug/L	NA	NA	NA	NA
1-CHLOROPROPANE	ug/L	NA	NA	NA	NA
2,4-DINITROTOLUENE	ug/L	NA	NA	NA	NA
2,6-DINITROTOLUENE	ug/L	NA	NA	NA	NA
2-CHLOROETHYL VINYL ETHER	ug/L	NDa1	NDa1	NDa1	NDa1
2-CHLORONAPHTHALENE	ug/L	NA	NA	NA	NA
2-METHYLNAPHTHALENE	ug/L	NA	NA	NA	NA
2-NITROANILINE	ug/L	NA	NA	NA	NA
3,3'-DICHLOROBENZIDENE	ug/L	NA	NA	NA	NA
3-NITROANILINE	ug/L	NA	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER	ug/L	NA	NA	NA	NA
4-CHLOROANILINE	ug/L	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	ug/L	NA	NA	NA	NA
4-NITROANILINE	ug/L	NA	NA	NA	NA
ACENAPHTHENE	ug/L	NA	NA	NA	NA
ACENAPHTHYLENE	ug/L	NA	NA	NA	NA
ANTHRACENE	ug/L	NA	NA	NA	NA
BENZO(A)ANTHRACENE	ug/L	NA	NA	NA	NA
BENZO(A)PYRENE	ug/L	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	ug/L	NA	NA	NA	NA
BENZO(GHI)PERYLENE	ug/L	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	ug/L	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	ug/L	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	ug/L	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	ug/L	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	ug/L	NA	NA	NA	NA
CHRYSENE	ug/L	NA	NA	NA	NA
DI-N-BUTYL PHTHALATE	ug/L	NA	NA	NA	NA
DI-N-OCTYL PHTHALATE	ug/L	NA	NA	NA	NA
DIBENZO(C,H)ANTHRACENE	ug/L	NA	NA	NA	NA
DIBENZOFURAN	ug/L	NA	NA	NA	NA
DIETHYL PHTHALATE	ug/L	NA	NA	NA	NA
DIMETHYL PHTHALATE	ug/L	NA	NA	NA	NA
FLUORANTHENE	ug/L	NA	NA	NA	NA
FLUORENE	ug/L	NA	NA	NA	NA

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952-015-RA

SAMPLE LOCATION	952-015-RA	952-015-RB	952-015-RB	952-016-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	12/23/02	06/21/02	12/23/02	06/25/02
LABORATORY SAMPLE I.D.	219459-007	213093-001	219459-006	213238-009
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				

PARAMETER	UNITS	952-015-RA	952-015-RB	952-016-R
BASE/NEUTRAL EXTRACTABLES (Continued)				
HEXACHLOROBENZENE	ug/L	NA	NA	NA
HEXACHLOROBUTADIENE	ug/L	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	ug/L	NA	NA	NA
HEXACHLOROETHANE	ug/L	NA	NA	NA
INDENO(1,2,3,-C,D)PYRENE	ug/L	NA	NA	NA
ISOPHORONE	ug/L	NA	NA	NA
N-NITROSODI-N-PROPYLAMINE	ug/L	NA	NA	NA
N-NITROSODIMETHYLAMINE	ug/L	NA	NA	NA
N-NITROSODIPHENYLAMINE	ug/L	NA	NA	NA
NAPHTHALENE	ug/L	NA	NA	NA
NITROBENZENE	ug/L	NA	NA	NA
PHENANTHRENE	ug/L	NA	NA	NA
PYRENE	ug/L	NA	NA	NA

INDICATOR PARAMETERS				
TURBIDITY	tu	5.7	0.52	0.74

PETROLEUM PRODUCTS				
OIL & GREASE	ug/L	NA	NA	NA

VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/L	0.78J	1.6	ND@1
1,1,2-TETRACHLOROETHANE	ug/L	ND@1	ND@1	ND@1
1,1,2,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/L	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/L	ND@1	0.62J	ND@1
1,1-DICHLOROETHYLENE	ug/L	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/L	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/L	ND@1	0.52J	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	ND@1	ND@1	ND@1
1-CHLOROPROPANE	ug/L	ND@1	ND@1	ND@1
1-CHLOROHXANE	ug/L	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/L	ND@1	ND@1	ND@1

03/11/03

INTERNATIONAL BUSINESS MACHINES CORPORATION

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SAMPLE LOCATION	952-015-RA	952-015-RB	952-015-RB	952-016-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	12/23/02	06/21/02	12/23/02	06/25/02
LABORATORY SAMPLE I.D.	219459-007	213093-001	219459-006	213258-009
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				

PARAMETER	UNITS	952-015-RA	952-015-RB	952-015-RB	952-016-R
VOLATILE ORGANICS (Continued)					
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NA	NA	NA	NA
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	7.9	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
DIBROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa2.2	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1
TRICHLOROETHYLENE	ug/L	2.9	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1

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SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES	952-016-R GROUNDWATER 12/23/02 219459-003 01	952-029-R GROUNDWATER 06/25/02 213238-001 01	952-029-R GROUNDWATER 12/23/02 219459-001 01	952-030-R GROUNDWATER 06/21/02 213093-005 01
PARAMETER	UNITS			
ALCOHOLS, ACETATES, ALDEHYDES, KETONES				
BENZYL ALCOHOL	ug/L	NA	ND@10	ND@10
BASE/NEUTRAL EXTRACTABLES				
1,2,4-TRICHLOROBENZENE	ug/L	NA	ND@10	ND@10
1,2-DICHLOROBENZENE	ug/L	ND@1	ND@1	3.7
1,3-DICHLOROBENZENE	ug/L	ND@1	ND@1	1.4
1,4-DICHLOROBENZENE	ug/L	ND@1	ND@1	1.5
1-CHLOROPROPANE	ug/L	NA	ND@10	ND@10
2,4-DINITROLUENE	ug/L	NA	ND@10	ND@10
2,6-DINITROTOLUENE	ug/L	NA	ND@10	ND@10
2-CHLOROETHYL VINYL ETHER	ug/L	ND@1	ND@1	ND@1
2-CHLORONAPHTHALENE	ug/L	NA	ND@10	ND@10
2-METHYLNAPHTHALENE	ug/L	NA	ND@10	ND@10
2-NITROANILINE	ug/L	NA	ND@25	ND@25
3,3'-DICHLOROBENZIDENE	ug/L	NA	ND@10	ND@10
3-NITROANILINE	ug/L	NA	ND@25	ND@25
4-BROMOPHENYL PHENYL ETHER	ug/L	NA	ND@10	ND@10
4-CHLOROANILINE	ug/L	NA	ND@10	ND@10
4-CHLOROPHENYL PHENYL ETHER	ug/L	NA	ND@10	ND@10
4-NITROANILINE	ug/L	NA	ND@25	ND@25
ACENAPHTHENE	ug/L	NA	ND@10	ND@10
ANTHRACENE	ug/L	NA	ND@10	ND@10
BENZO(A)ANTHRACENE	ug/L	NA	ND@10	ND@10
BENZO(A)PYRENE	ug/L	NA	ND@10	ND@10
BENZO(B)FLUORANTHENE	ug/L	NA	ND@10	ND@10
BENZO(GH)PERYLENE	ug/L	NA	ND@10	ND@10
BENZO(K)FLUORANTHENE	ug/L	NA	ND@10	ND@10
BIS(2-CHLOROETHOXY)METHANE	ug/L	NA	ND@10	ND@10
BIS(2-CHLOROETHYL)ETHER	ug/L	NA	ND@10	ND@10
BIS(2-ETHYLHEXYL)PHTHALATE	ug/L	NA	ND@10	ND@10
BUTYL BENZYL PHTHALATE	ug/L	NA	ND@10	ND@10
CHRYSENE	ug/L	NA	ND@10	ND@10
DI-N-BUTYL PHTHALATE	ug/L	NA	ND@10	ND@10
DI-N-OCTYL PHTHALATE	ug/L	NA	ND@10	ND@10
DIBENZO(A,H)ANTHRACENE	ug/L	NA	ND@10	ND@10
DIBENZOFURAN	ug/L	NA	ND@10	ND@10
DIETHYL PHTHALATE	ug/L	NA	ND@10	ND@10
DIMETHYL PHTHALATE	ug/L	NA	ND@10	ND@10
FLUORANTHENE	ug/L	NA	ND@10	ND@10
FLUORENE	ug/L	NA	ND@10	ND@10

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SAMPLE LOCATION	952-016-R	952-029-R	952-029-R	952-030-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	12/23/02	12/23/02	12/23/02	06/21/02
LABORATORY SAMPLE I.D.	219459-003	219459-001	219459-001	213095-005
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				

PARAMETER	UNITS	952-016-R	952-029-R	952-029-R	952-030-R
BASE/NEUTRAL EXTRACTABLES (continued)					
HEXACHLOROBENZENE	ug/L	NA	NDa10	NDa10	NDa10
HEXACHLOROBUTADIENE	ug/L	NA	NDa10	NDa10	NDa10
HEXACHLOROCYCLOPENTADIENE	ug/L	NA	NDa10	NDa10	NDa10
HEXACHLOROETHANE	ug/L	NA	NDa10	NDa10	NDa10
INDENO(1,2,3-c,d)PYRENE	ug/L	NA	NDa10	NDa10	NDa10
ISOPHORONE	ug/L	NA	NDa10	NDa10	NDa10
N-NITROSODI-N-PROPYLAMINE	ug/L	NA	NDa10	NDa10	NDa10
N-NITROSODIMETHYLAMINE	ug/L	NA	NDa10	NDa10	NDa10
N-NITROSODIPHENYLAMINE	ug/L	NA	NDa10	NDa10	NDa10
NAPHTHALENE	ug/L	NA	NDa10	NDa10	NDa10
NITROBENZENE	ug/L	NA	NDa10	NDa10	NDa10
PHENANTHRENE	ug/L	NA	NDa10	NDa10	NDa10
PYRENE	ug/L	NA	NDa10	NDa10	NDa10

INDICATOR PARAMETERS				
TURBIDITY	tu	20	0.23	4
				0.53

PETROLEUM PRODUCTS				
OIL & GREASE	ug/L	NA	NA	NA
				NDa3900

VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,1-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1,2-TRICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROETHANE	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROETHYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa1	NDa1
1-CHLOROHXANE	ug/L	NDa1	NDa1	NDa1
4-CHLOROTOLUENE	ug/L	NDa1	NDa1	NDa1

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952-016-R

SAMPLE LOCATION	952-016-R	952-029-R	952-029-R	952-030-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	12/23/02	06/25/02	12/23/02	06/21/02
LABORATORY SAMPLE I.D.	219459-003	213238-001	219459-001	213093-005
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				

PARAMETER	UNITS	952-016-R	952-029-R	952-029-R	952-030-R
VOLATILE ORGANICS (Continued)					
BENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BENZYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOFORM	ug/L	NDa1	NDa1	NDa1	NDa1
BROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CARBON TETRACHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLORODIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROETHANE	ug/L	NA	NA	NA	NA
CHLOROFORM	ug/L	NDa1	NDa1	NDa1	NDa1
CHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
CIS-1,3-DICHLOROPROPYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
DIBROMODICHLOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
DIBROMOMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
DICHLORODIFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
ETHYLBENZENE	ug/L	NDa1	NDa1	NDa1	NDa1
METHYLENE CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
TETRACHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
TOLUENE	ug/L	NDa1	NDa1	NDa1	NDa1
TRANS-1,3-DICHLOROPROPENE	ug/L	NDa1	NDa1	NDa1	NDa1
TRICHLOROETHYLENE	ug/L	NDa1	NDa1	NDa1	NDa1
TRICHLOROFLUOROMETHANE	ug/L	NDa1	NDa1	NDa1	NDa1
VINYL CHLORIDE	ug/L	NDa1	NDa1	NDa1	NDa1
XYLENE, TOTAL	ug/L	NDa1	NDa1	NDa1	NDa1

Former Building 952/982 Site
Annual Groundwater Monitoring Data Report
January 1, 2002 - December 31, 2002

SAMPLE LOCATION	952-031-R	952-031-R	952-031-R	952-031-R
SAMPLE DESCRIPTION	REPLI	GROUND	REPLI	REPLI
SAMPLE DATE	12/24/02	12/24/02	06/26/02	12/24/02
LABORATORY SAMPLE I.D.	0210470	219466-003	0204966	0210470
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS	UNITS	UNITS	UNITS
ALCOHOLS, ACETATES, ALDEHYDES, KETONES				
BENZYL ALCOHOL	ND@10	ND@10	ND@10	ND@10
BASE/NEUTRAL EXTRACTABLES				
1,2,4-TRICHLOROBENZENE	ug/l	2J	ND@10	ND@10
1,2-DICHLOROBENZENE	ug/l	350D	ND@10	ND@10
1,3-DICHLOROBENZENE	ug/l	1.9	277	270D
1,4-DICHLOROBENZENE	ug/l	0.93J	37.6	360
1-CHLOROPROPANE	ug/l	0.96J	53.2	52D
2,4-DINITROTOLUENE	ug/l	ND@10	ND@10	ND@10
2,6-DINITROTOLUENE	ug/l	ND@10	ND@10	ND@10
2-CHLOROETHYL VINYL ETHER	ug/l	ND@1	NA	NA
2-CHLORONAPHTHALENE	ug/l	ND@10	ND@10	ND@10
2-METHYLNAPHTHALENE	ug/l	ND@10	ND@25	ND@25
2-NITROANILINE	ug/l	ND@25	ND@10	ND@10
3,3'-DICHLOROBENZIDENE	ug/l	ND@25	ND@25	ND@25
3-NITROANILINE	ug/l	ND@10	ND@10	ND@10
4-BROMOPHENYL PHENYL ETHER	ug/l	ND@10	ND@10	ND@10
4-CHLOROANILINE	ug/l	ND@10	ND@10	ND@10
4-CHLOROPHENYL PHENYL ETHER	ug/l	ND@10	ND@10	ND@10
4-NITROANILINE	ug/l	ND@25	ND@25	ND@25
ACENAPHTHYLENE	ug/l	ND@10	ND@10	ND@10
ACENAPHTHYLENE	ug/l	ND@10	ND@10	ND@10
ANTHRACENE	ug/l	ND@10	ND@10	ND@10
BENZO(A)ANTHRACENE	ug/l	ND@10	ND@10	ND@10
BENZO(A)PYRENE	ug/l	ND@10	ND@10	ND@10
BENZO(B)FLUORANTHENE	ug/l	ND@10	ND@10	ND@10
BENZO(GHI)PERYLENE	ug/l	ND@10	ND@10	ND@10
BENZO(K)FLUORANTHENE	ug/l	ND@10	ND@10	ND@10
BIS(2-CHLOROETHOXY)METHANE	ug/l	ND@10	ND@10	ND@10
BIS(2-CHLOROETHYL)ETHER	ug/l	ND@10	ND@10	ND@10
BIS(2-ETHYLHEXYL)PHTHALATE	ug/l	ND@10	ND@10	ND@10
BUTYL BENZYL PHTHALATE	ug/l	ND@10	ND@10	ND@10
CHRYSENE	ug/l	ND@10	ND@10	ND@10
DI-N-BUTYL PHTHALATE	ug/l	ND@10	ND@10	ND@10
DI-N-OCTYL PHTHALATE	ug/l	ND@10	ND@10	ND@10
DIBENZO(A,H)ANTHRACENE	ug/l	ND@10	ND@10	ND@10
DIBENZOFURAN	ug/l	ND@10	ND@10	ND@10
DIETHYL PHTHALATE	ug/l	ND@10	ND@10	ND@10
DIMETHYL PHTHALATE	ug/l	ND@10	ND@10	ND@10
FLUORANTHENE	ug/l	ND@10	ND@10	ND@10
FLUORENE	ug/l	ND@10	ND@10	ND@10

Former Building 952/982 Site
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January 1, 2002 - December 31, 2002

SAMPLE LOCATION	952-030-R	952-031-R	952-031-R	952-031-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE	12/23/02	06/26/02	12/24/02	12/24/02
LABORATORY SAMPLE I.D.	219459-005	0204966	219466-003	0210470
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				

PARAMETER	UNITS	952-030-R	952-031-R	952-031-R	952-031-R
BASE/NEUTRAL EXTRACTABLES (Continued)					
HEXACHLOROBENZENE	ug/L	NDa10	NDa10	NDa10	NDa10
HEXACHLOROBUTADIENE	ug/L	NDa10	NDa10	NDa10	NDa10
HEXACHLOROCYCLOPENTADIENE	ug/L	NDa10	NDa10	NDa10	NDa10
HEXACHLOROETHANE	ug/L	NDa10	NDa10	NDa10	NDa10
INDENO(1,2,3-C,D)PYRENE	ug/L	NDa10	NDa10	NDa10	NDa10
ISOPHORONE	ug/L	NDa10	NDa10	NDa10	NDa10
N-NITROSODI-N-PROPYLAMINE	ug/L	NDa10	NA	NDa10	NA
N-NITROSODIMETHYLAMINE	ug/L	NDa10	NDa10	NDa10	NDa10
N-NITROSODIPHENYLAMINE	ug/L	NDa10	NDa10	NDa10	NDa10
NAPHTHALENE	ug/L	NDa10	NDa10	NDa10	NDa10
NITROBENZENE	ug/L	NDa10	NDa10	NDa10	NDa10
PHENANTHRENE	ug/L	NDa10	NDa10	NDa10	NDa10
PYRENE	ug/L	NDa10	NDa10	NDa10	NDa10

INDICATOR PARAMETERS	UNITS	952-030-R	952-031-R	952-031-R	952-031-R
TURBIDITY	tu	2.3	6	52	180

PETROLEUM PRODUCTS	UNITS	952-030-R	952-031-R	952-031-R	952-031-R
OIL & GREASE	ug/L	NDa3800	NDa3800	NDa1400	2600

VOLATILE ORGANICS	UNITS	952-030-R	952-031-R	952-031-R	952-031-R
1,1,1,2-TETRACHLOROETHANE	ug/L	NDa1	NDa5	NDa10	NDa20
1,1,1-TRICHLOROETHANE	ug/L	1.2	8.2	NDa10	NDa20
1,1,2,2-TETRACHLOROETHANE	ug/L	NDa1	NDa5	NDa10	NDa20
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	NDa1	NDa5	NDa10	NDa20
1,1,2-TRICHLOROETHANE	ug/L	NDa1	8.9	NDa10	NDa20
1,1-DICHLOROETHANE	ug/L	NDa1	15	NDa10	NDa20
1,1-DICHLOROETHYLENE	ug/L	NDa1	NDa5	NDa10	NDa20
1,2,3-TRICHLOROPROPANE	ug/L	NDa1	NDa5	NDa10	NDa20
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	NDa1	6.7	NDa10	NDa20
1,2-DICHLOROETHANE	ug/L	NDa1	19	NDa10	NDa20
1,2-DICHLOROETHYLENE, TOTAL	ug/L	0.93J	NDa5	NDa10	NDa20
1,2-DICHLOROPROPANE	ug/L	NDa1	NDa5	NDa10	NDa20
1-CHLOROHEXANE	ug/L	NDa1	NDa5	NDa10	NDa20
4-CHLOROTOLUENE	ug/L	NDa1	NDa5	NDa10	NDa20

Former Building 952/982 Site
Annual Groundwater Monitoring Data Report
January 1, 2002 - December 31, 2002

SAMPLE LOCATION	952-030-R	952-031-R	952-031-R	952-031-R
SAMPLE DESCRIPTION	GROUNDWATER	GROUNDWATER	REPLICATE	REPLICATE
SAMPLE DATE	12/23/02	06/26/02	06/26/02	12/24/02
LABORATORY SAMPLE I.D.	219459-005	213238-014	0204966	0210470
SAMPLE RUN NUMBER	01	01	01	01
SAMPLE COMMENT CODES				

PARAMETER UNITS

VOLATILE ORGANICS (Continued)

BENZENE	ND@1	ND@5	ND@10	ND@20
BENZYL CHLORIDE	ND@1	ND@5	NA	NA
BROMOBENZENE	ND@1	ND@5	ND@10	ND@20
BROMODICHLOROMETHANE	ND@1	ND@5	ND@10	ND@20
BROMOFORM	ND@1	ND@5	ND@10	ND@20
BROMOMETHANE	ND@1	ND@5	ND@10	ND@20
CARBON TETRACHLORIDE	ND@1	ND@5	ND@10	ND@20
CHLOROBENZENE	ND@1	ND@5	ND@10	ND@20
CHLORODIBROMOMETHANE	ND@1	NA	NA	NA
CHLOROETHANE	ND@1	ND@5	ND@10	ND@20
CHLOROFORM	ND@1	ND@5	ND@10	ND@20
CHLOROMETHANE	0.75J	ND@5	ND@10	ND@20
CIS-1,3-DICHLOROPROPYLENE	ND@1	ND@5	ND@10	ND@20
DIBROMODICHLOROMETHANE	ND@1	ND@5	ND@10	ND@20
DIBROMOMETHANE	ND@1	ND@5	ND@10	ND@20
DICHLORODIFLUOROMETHANE	ND@1	ND@5	ND@10	ND@20
ETHYLBENZENE	ND@1	ND@5	ND@10	ND@20
METHYLENE CHLORIDE	ND@3	ND@5	ND@10	ND@20
TETRACHLOROETHYLENE	ND@1	ND@5	ND@10	ND@20
TOLUENE	ND@1	ND@5	ND@10	ND@20
TRANS-1,3-DICHLOROPROPENE	3.1	ND@5	ND@10	ND@20
TRICHLOROETHYLENE	38	ND@5	ND@10	26
TRICHLOROFLUOROMETHANE	ND@1	ND@5	ND@10	ND@20
VINYL CHLORIDE	ND@1	ND@5	ND@10	ND@20
XYLENE, TOTAL	ND@1	ND@5	ND@10	ND@20

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 Annual Groundwater Monitoring Data Report
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EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

NA Not Analyzed
 NDAx Not Detected at Detection Limit X
 BRLaX Below Minimum Reporting Limit of X

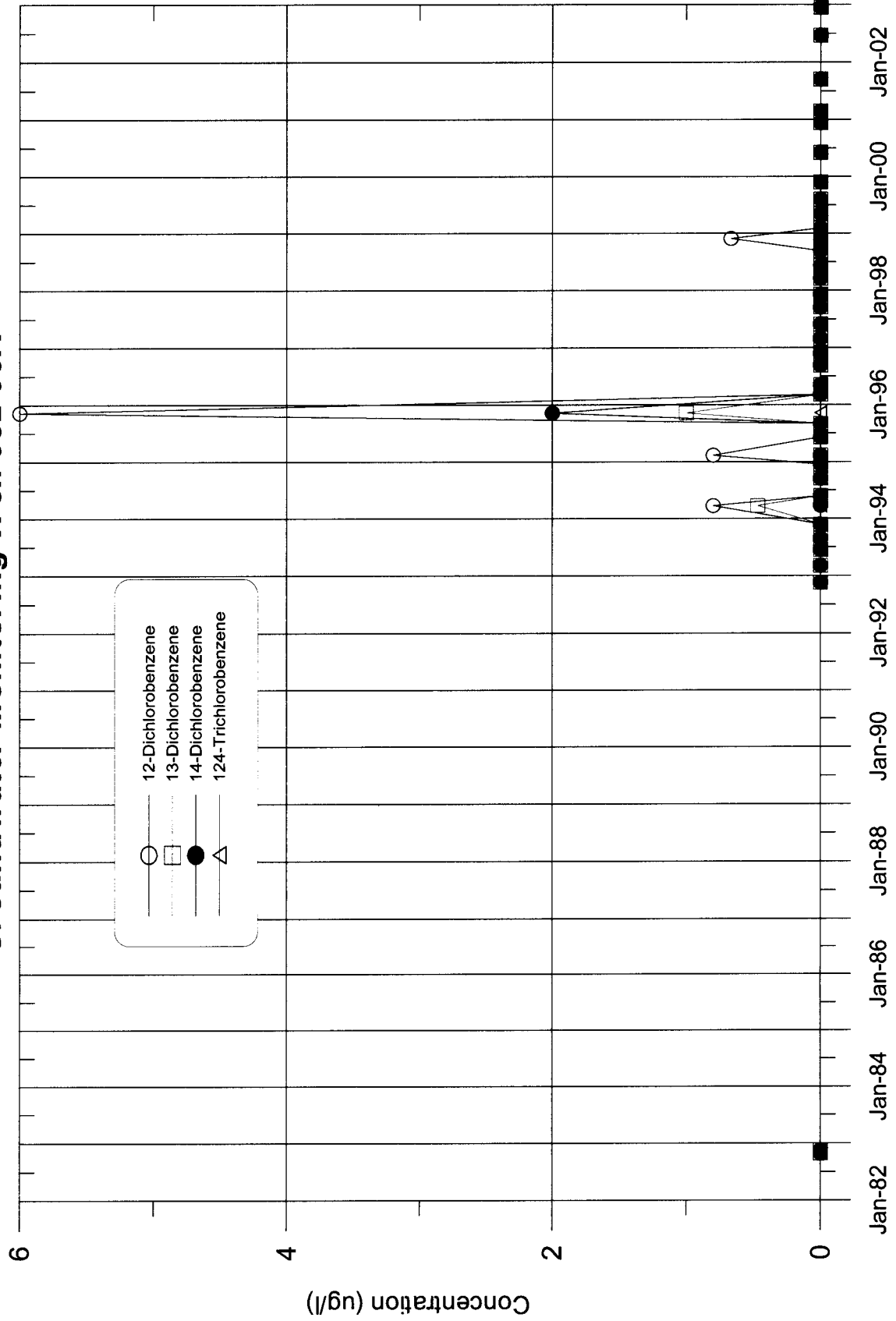
CODE EXPLANATION

^ Non-Standard Measurement Unit
 I MH Flooded
 A Monitoring well replaced. Sample collected from replacement well.
 B Sample taken from bottom of water column in well.
 C Sample represents composite of piezometers sampled within well.
 J Estimated value.
 H Sample taken from middle of water column in well.
 T Sample taken from top of water column in well.
 V Represents a parameter average of all piezometers sampled within well.
 E Compound exceeds the calibration range of the instrument.
 D Result determined by a secondary dilution factor.

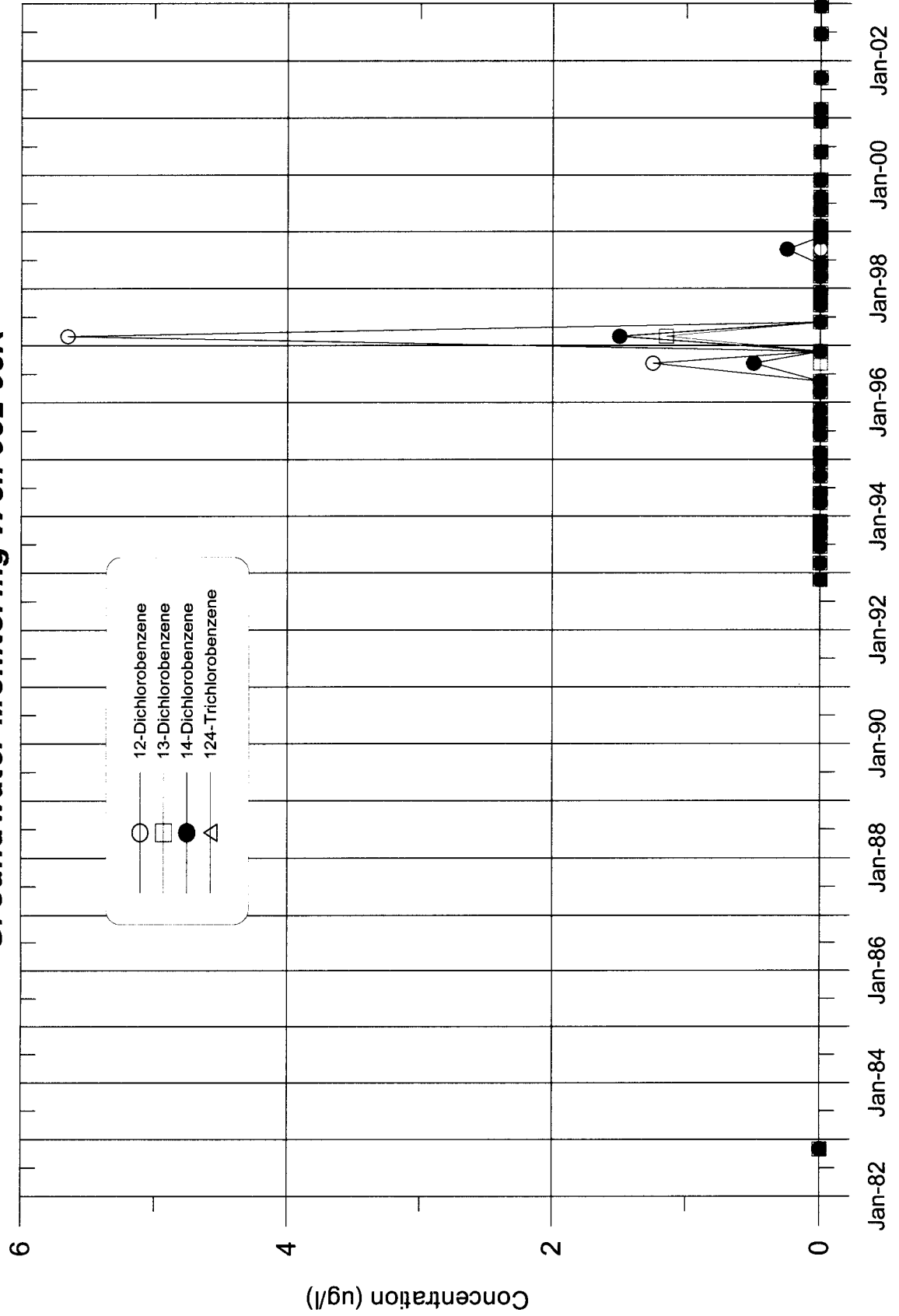


Appendix E
Time versus Concentration Graphs

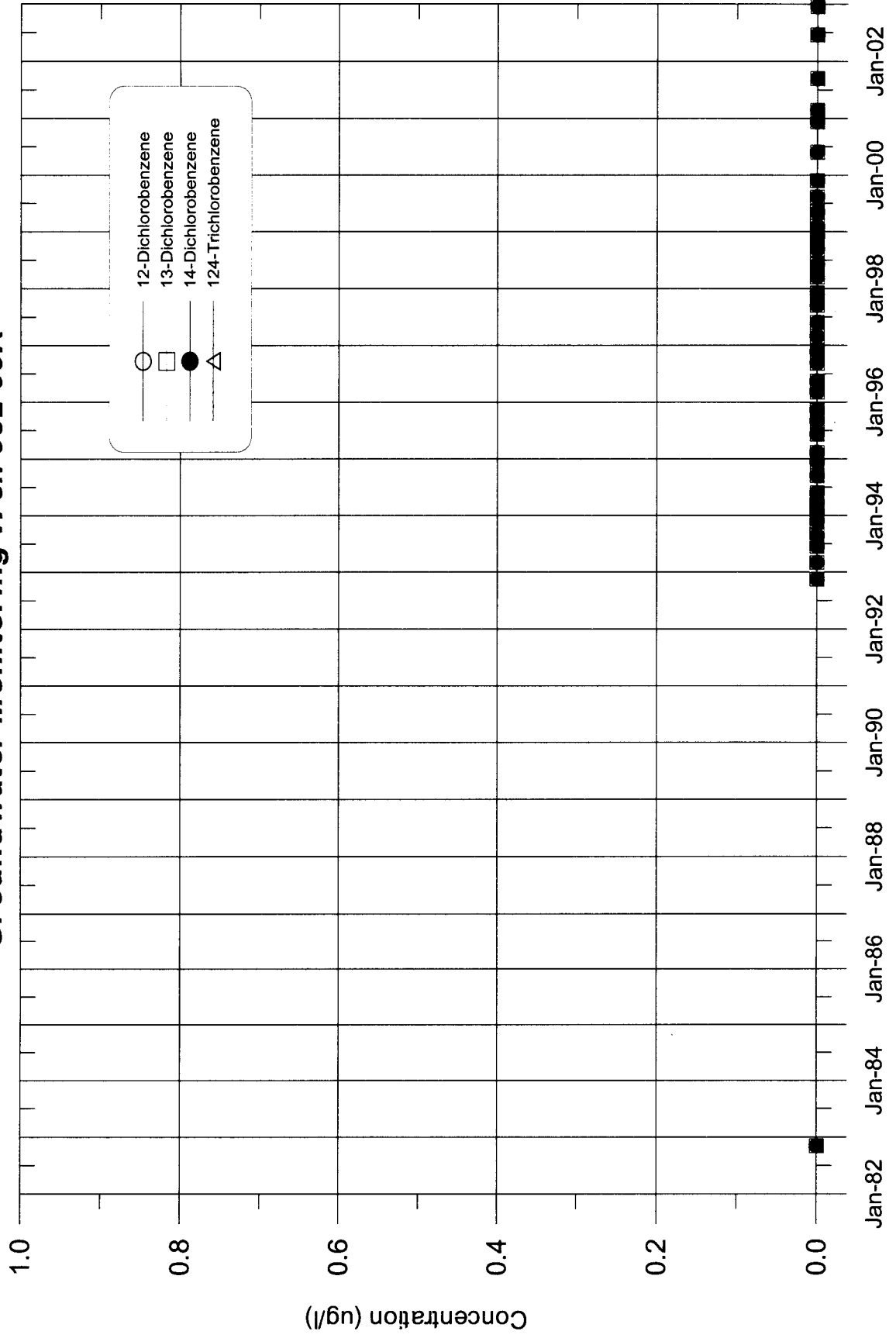
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-06R**



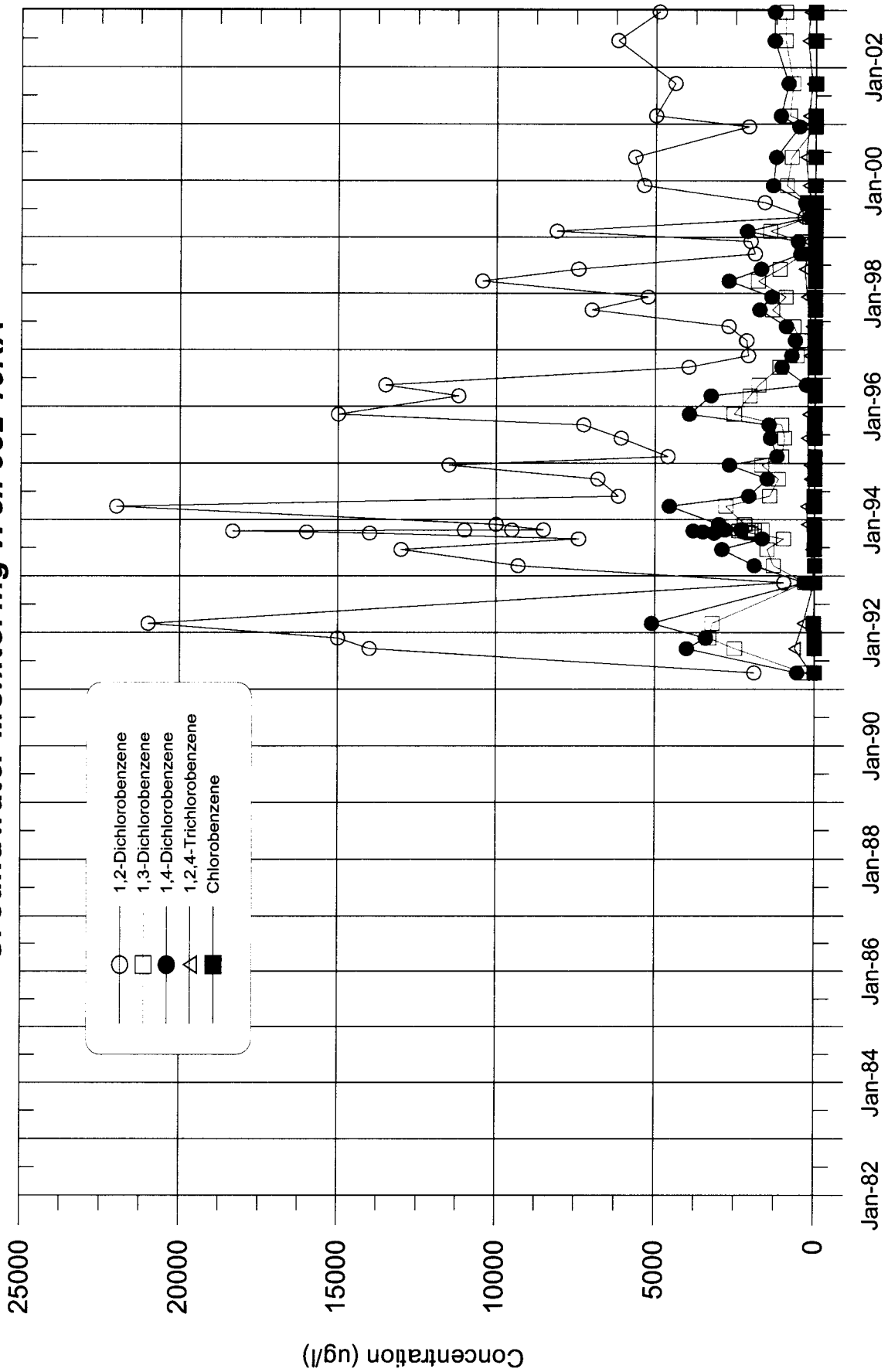
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-08R**



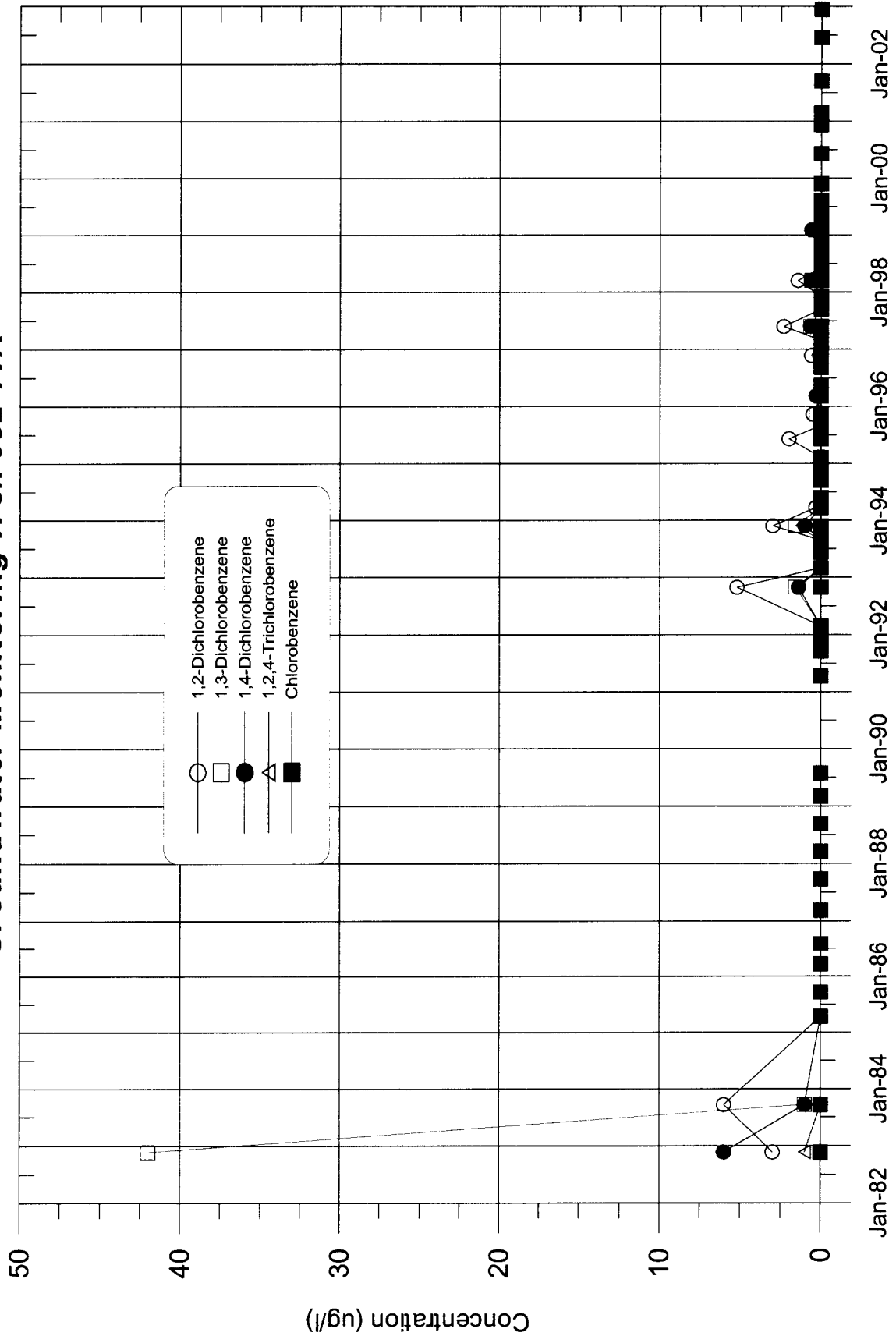
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-09R**



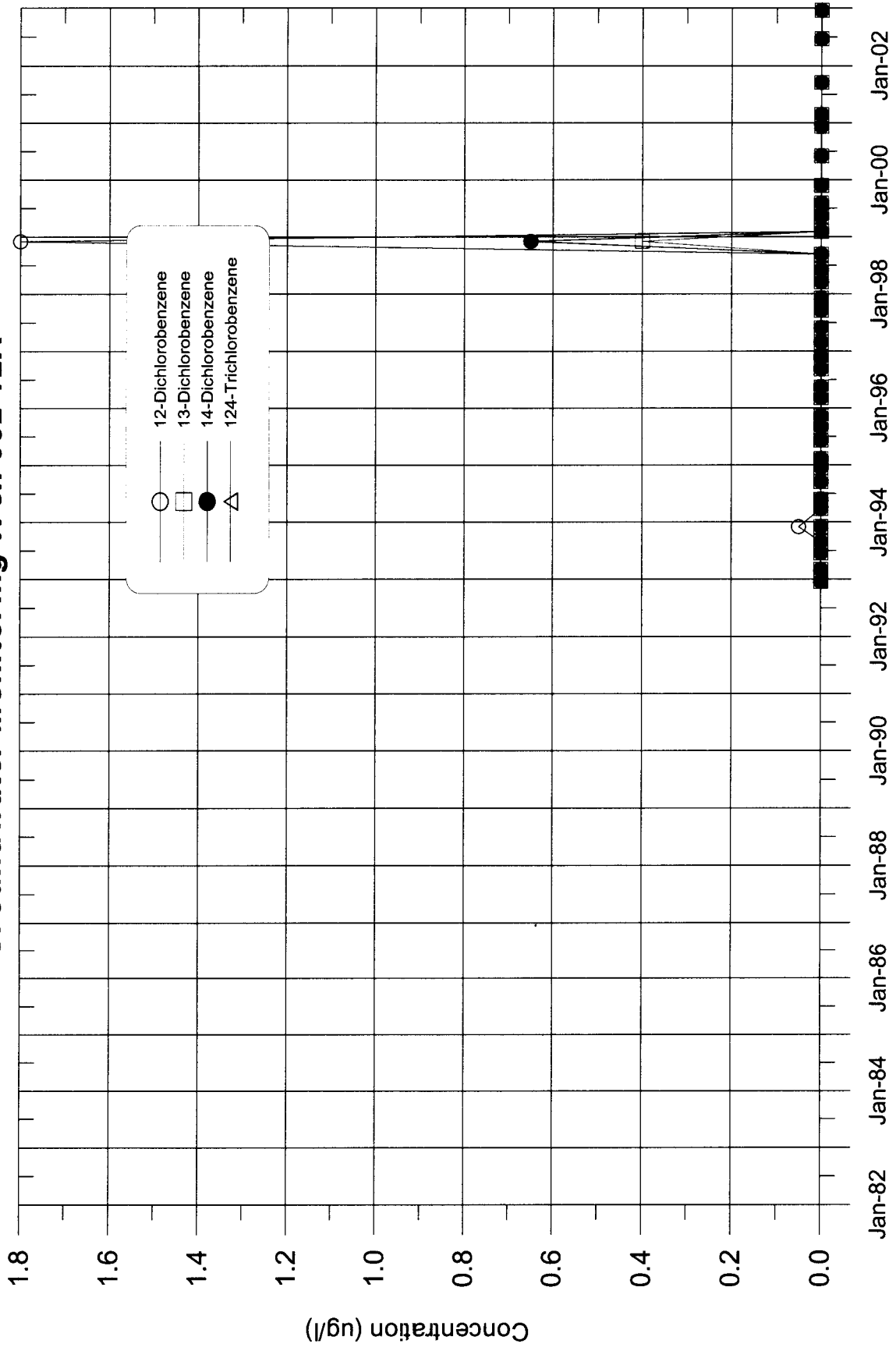
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-10RA**



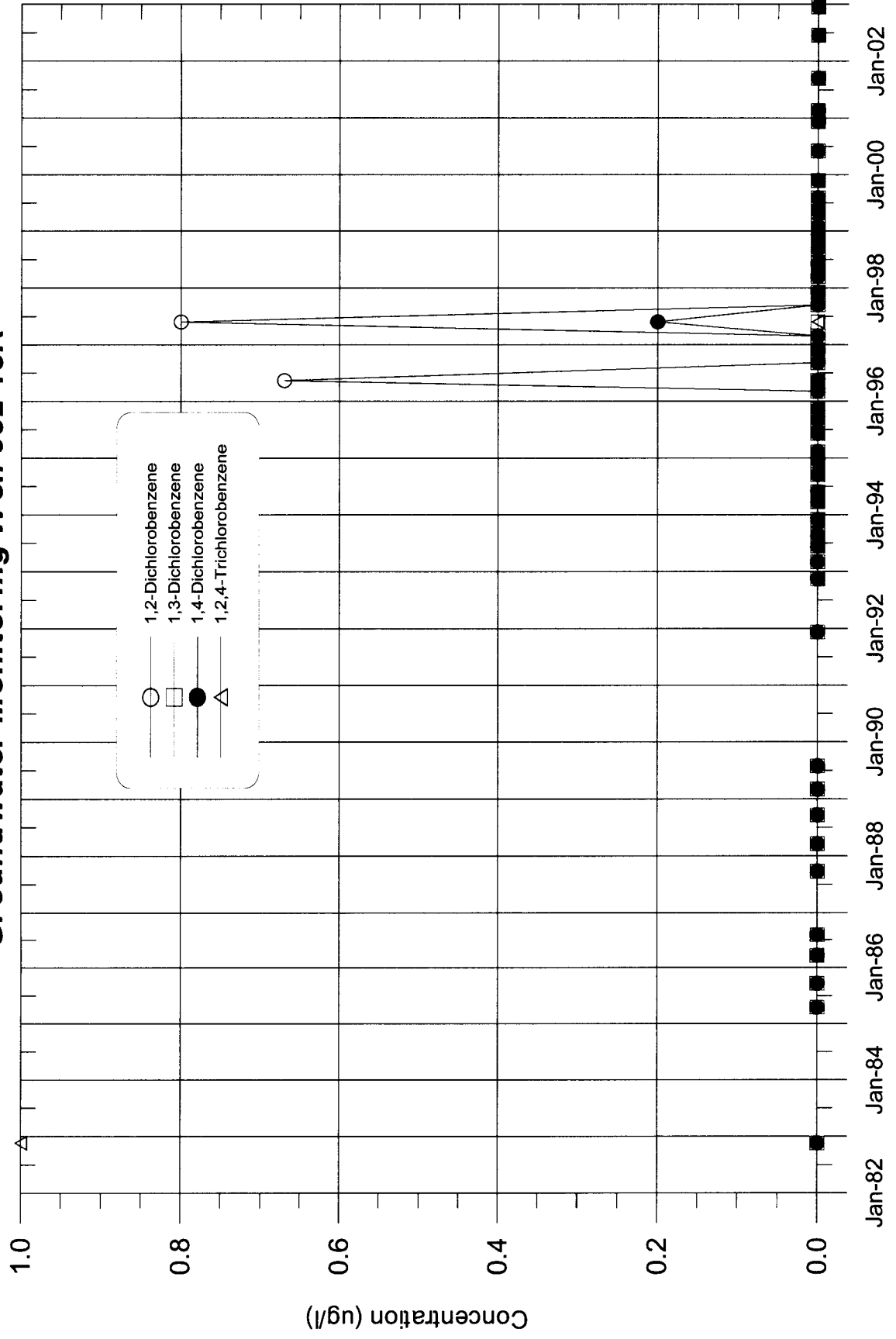
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-11R**



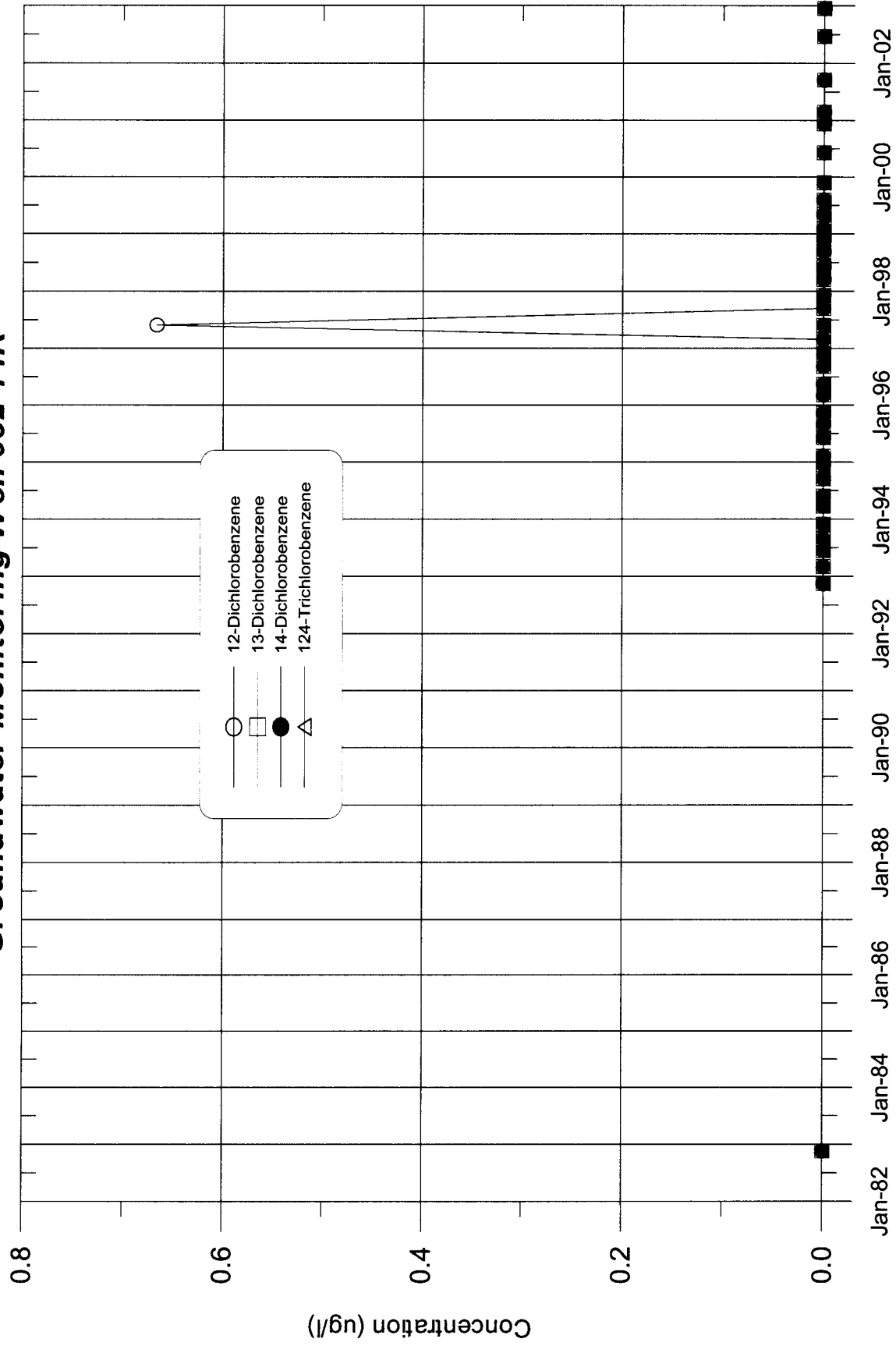
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Groundwater Monitoring Well 952-12R**



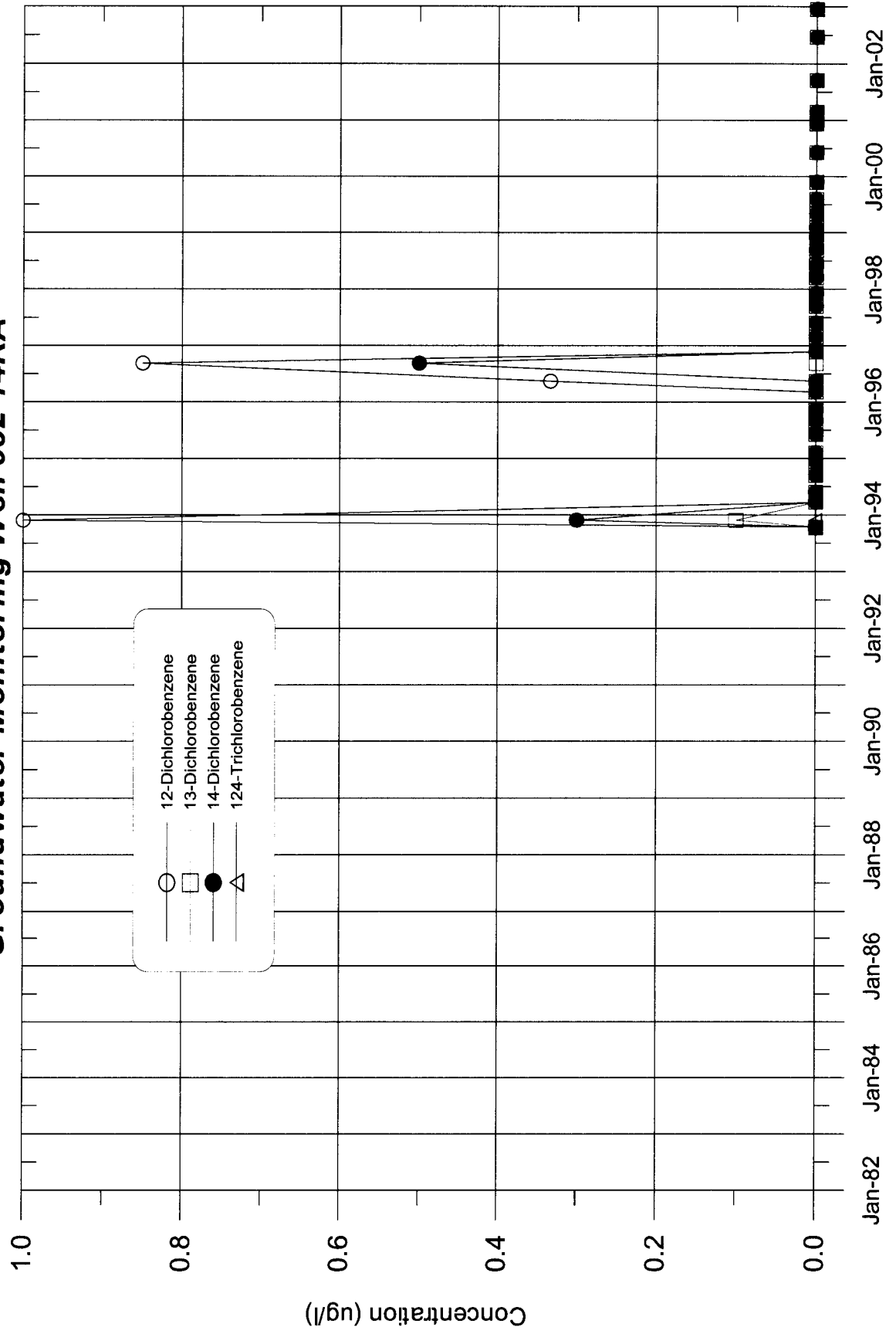
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Groundwater Monitoring Well 952-13R**



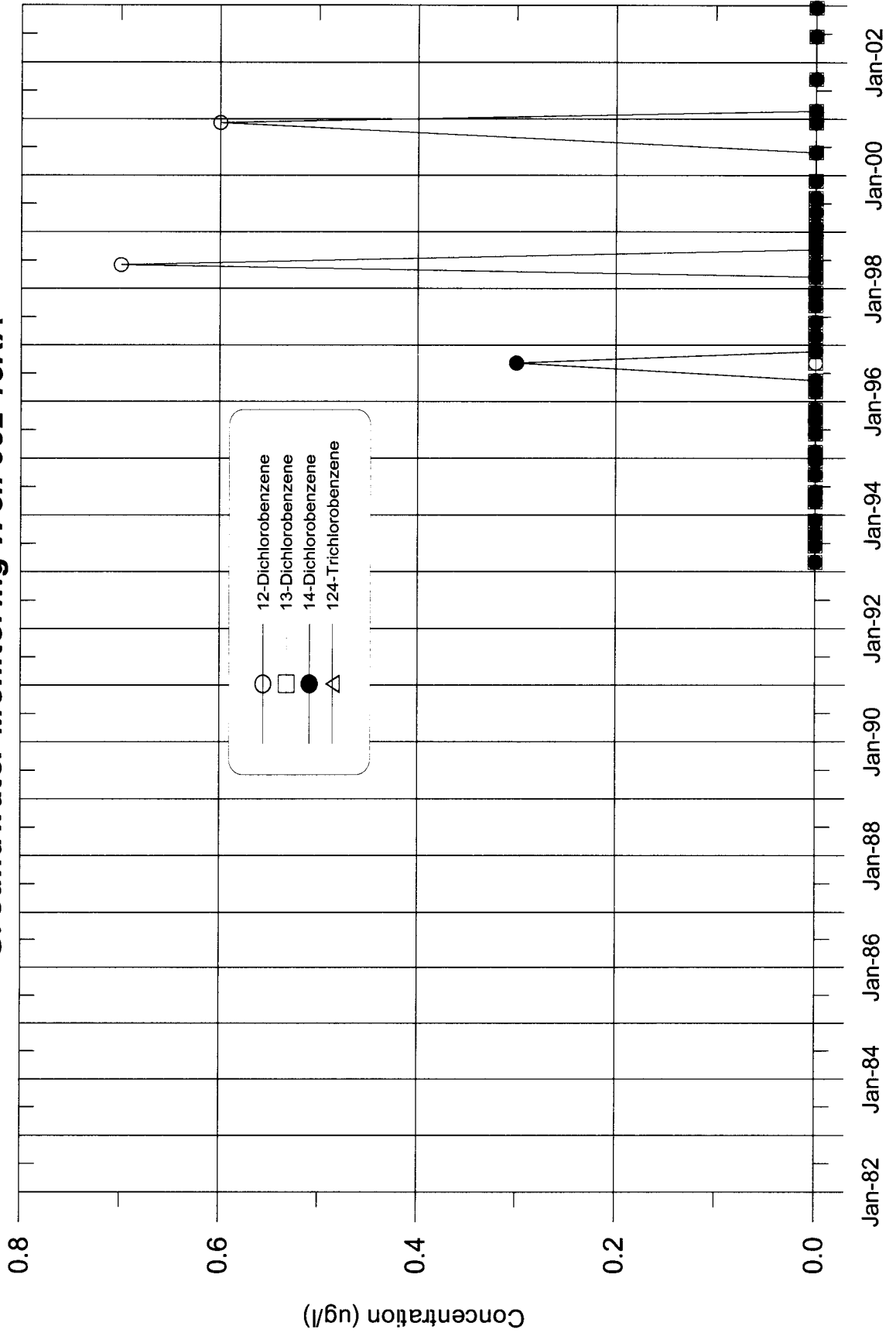
**Former Leased Property IBM Buildings 952 & 982
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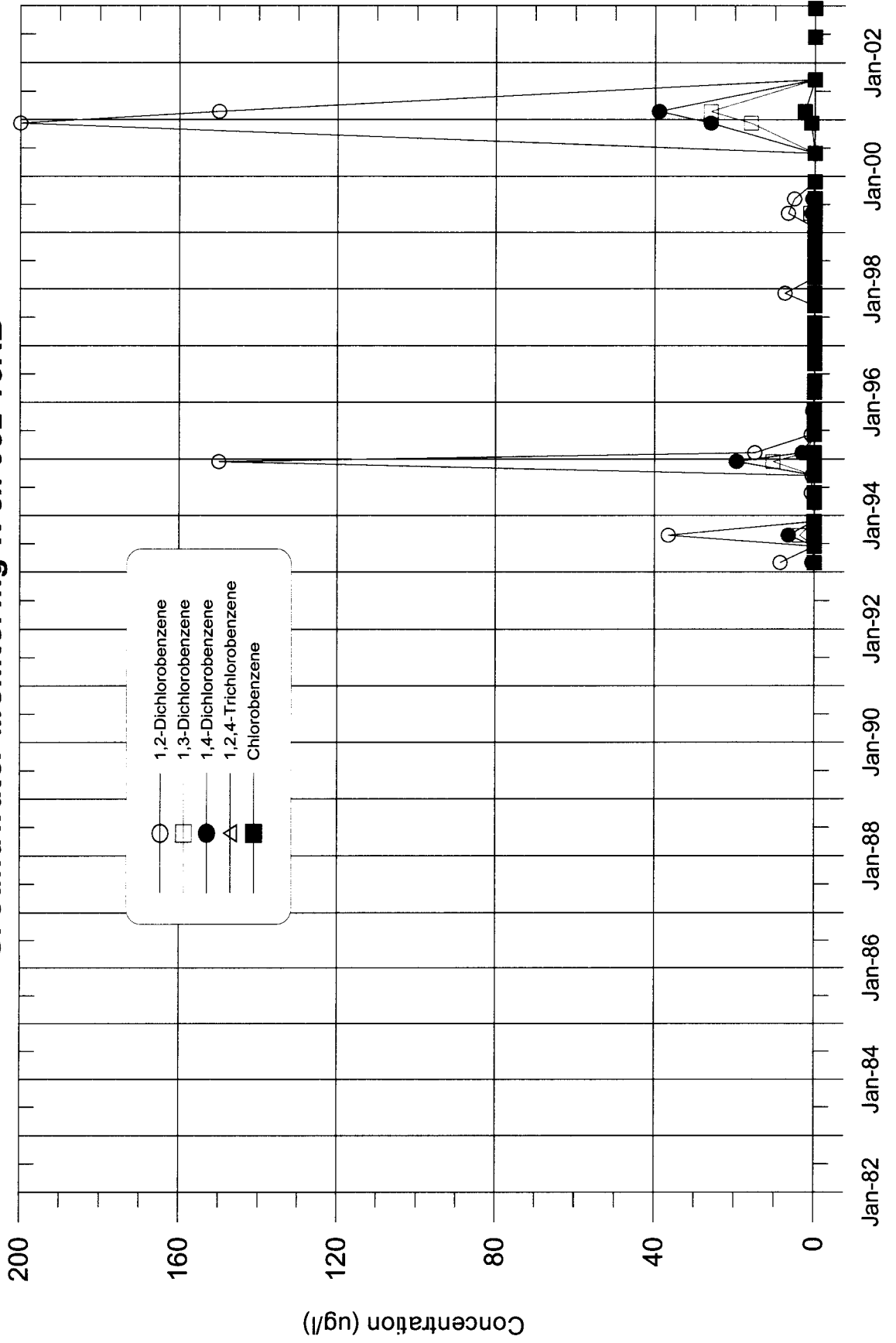
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Groundwater Monitoring Well 952-14RA**



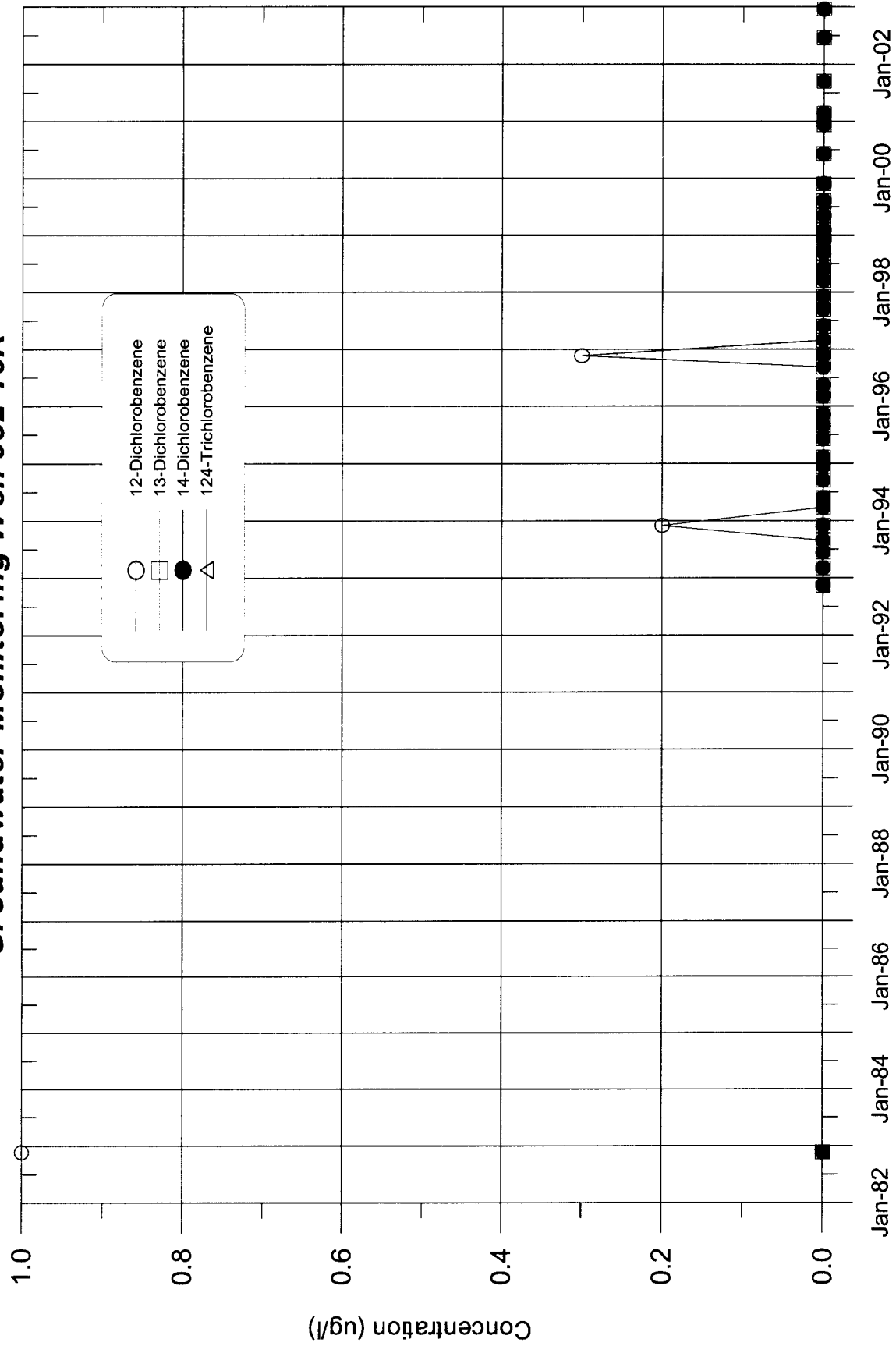
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Groundwater Monitoring Well 952-15RA**



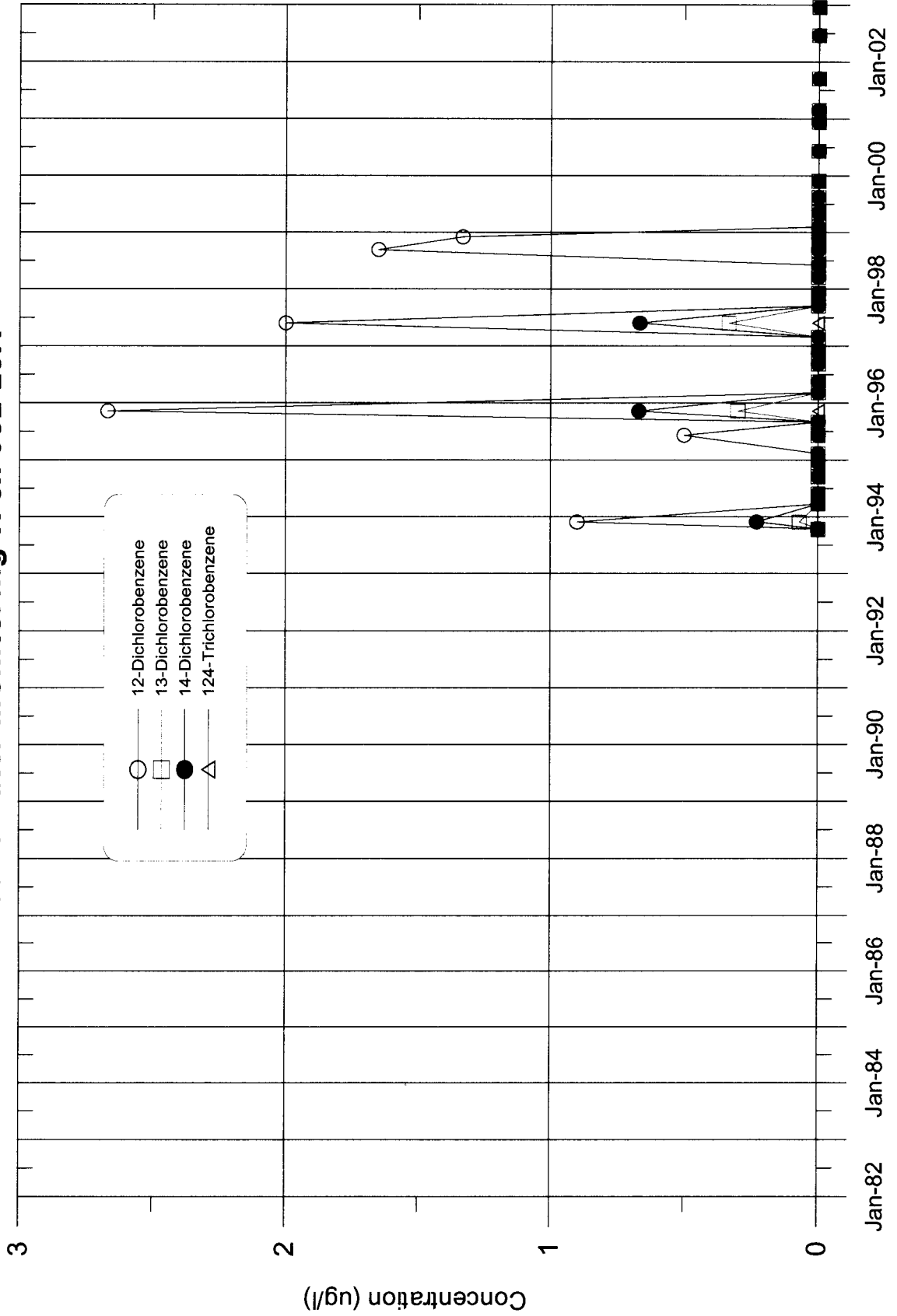
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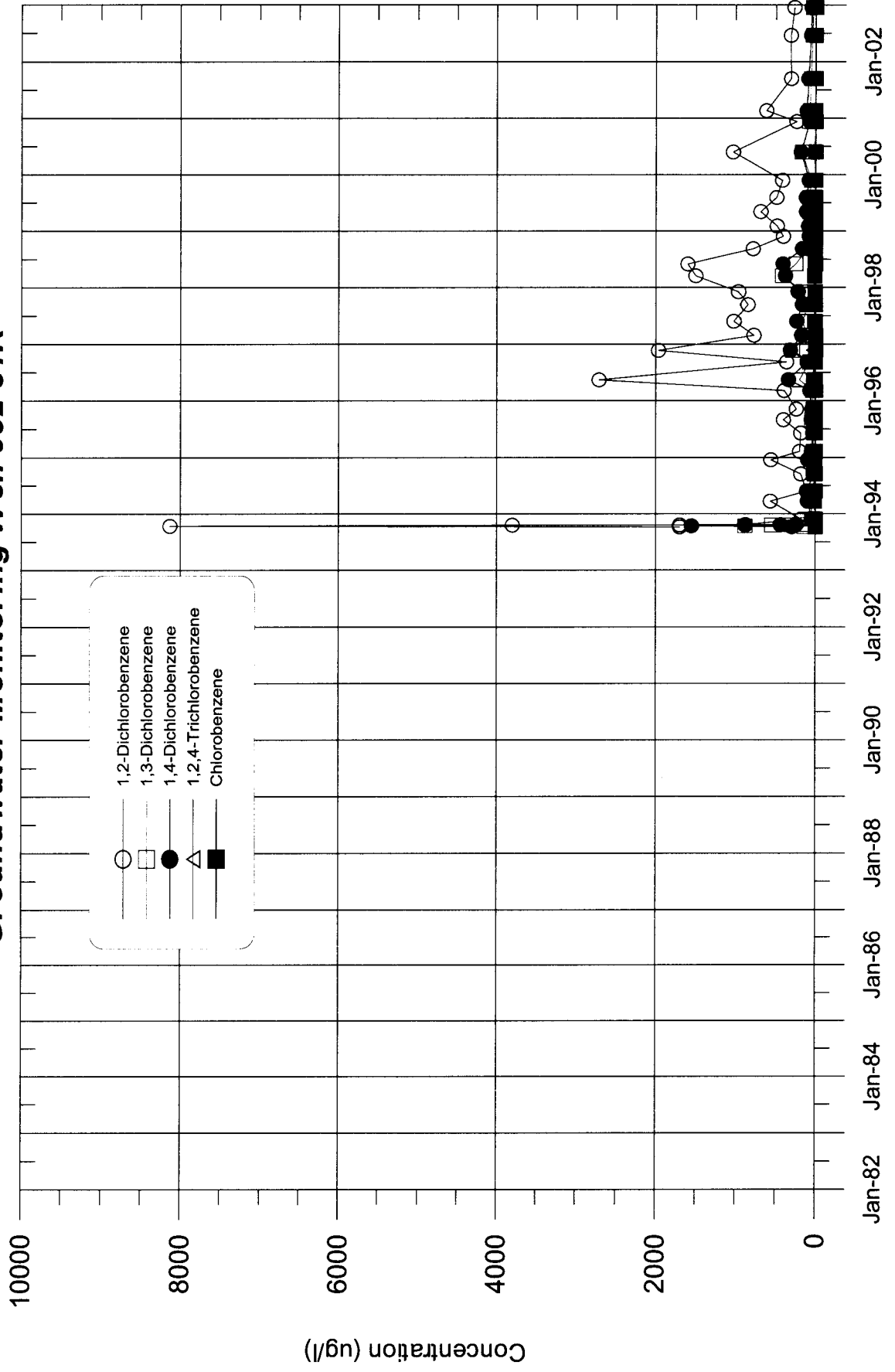
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Groundwater Monitoring Well 952-16R**



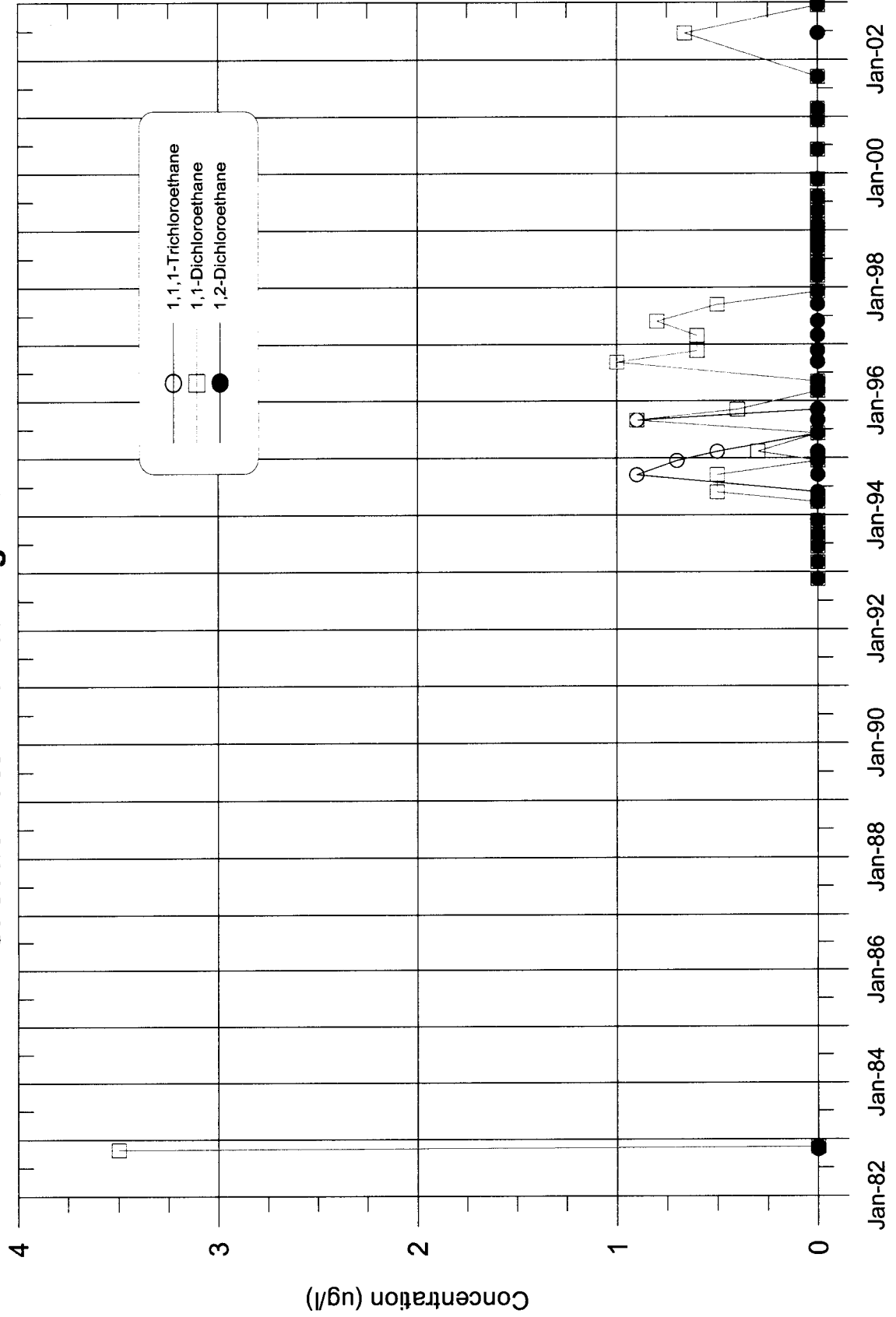
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Groundwater Monitoring Well 952-29R**



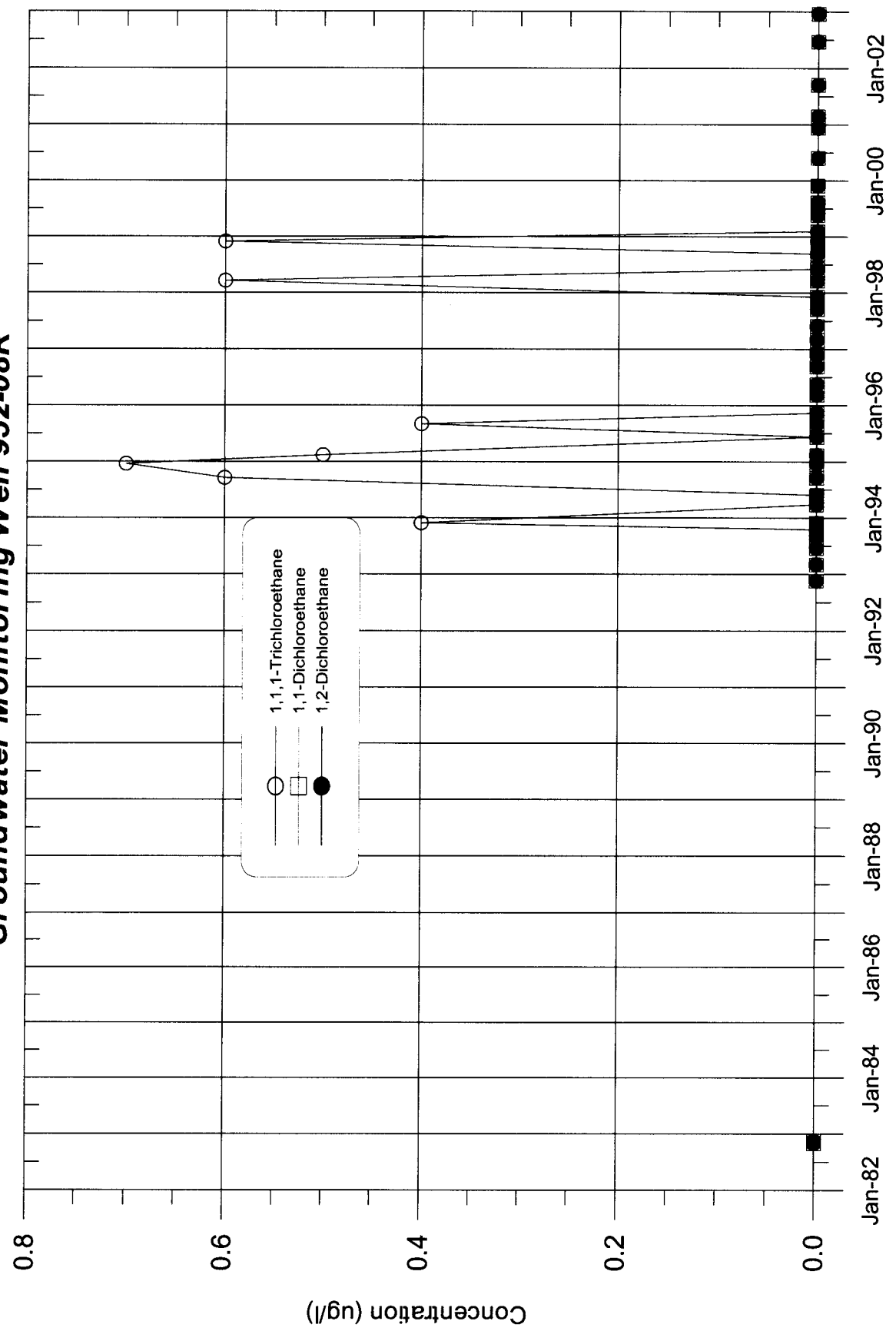
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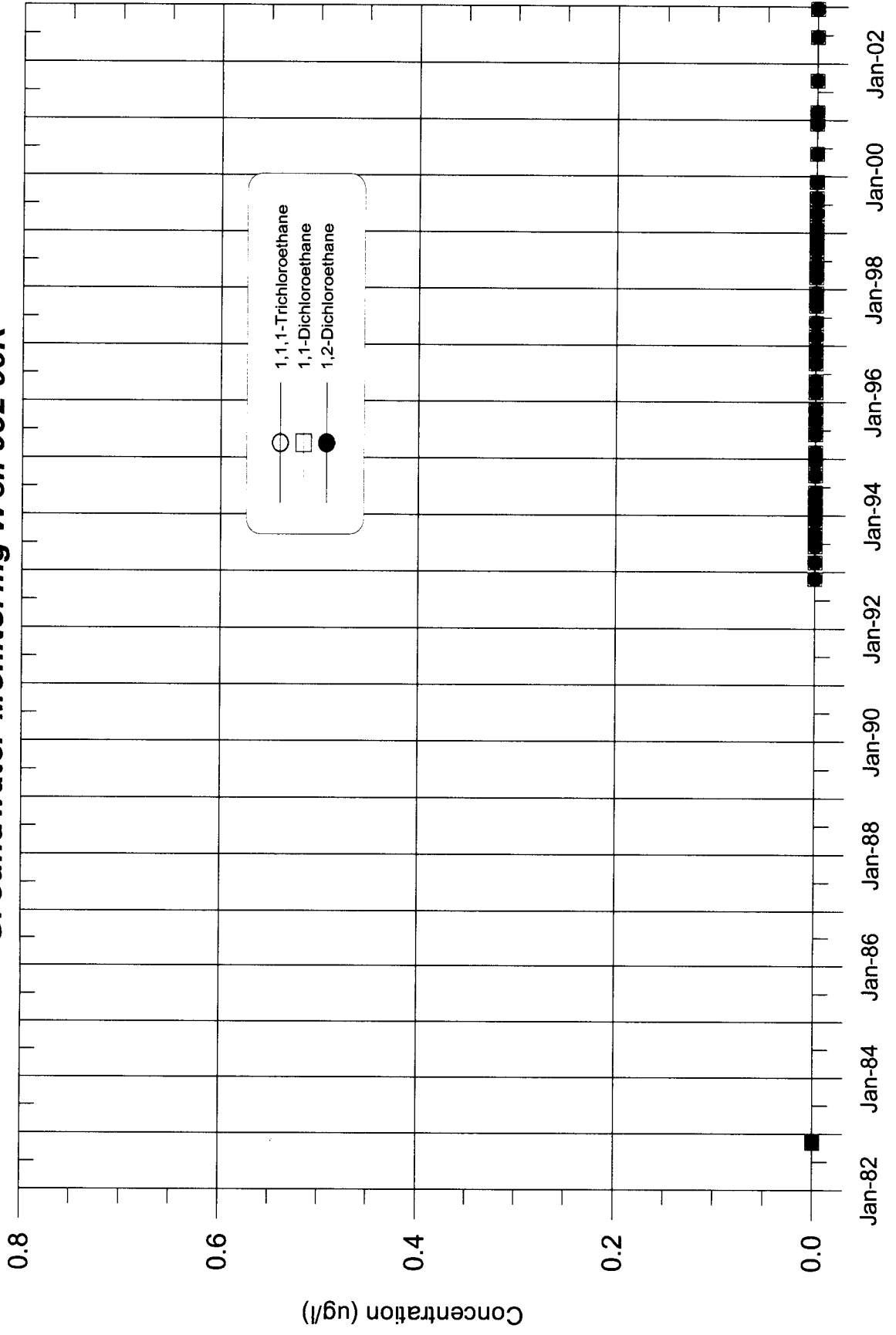
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Groundwater Monitoring Well 952-06R**



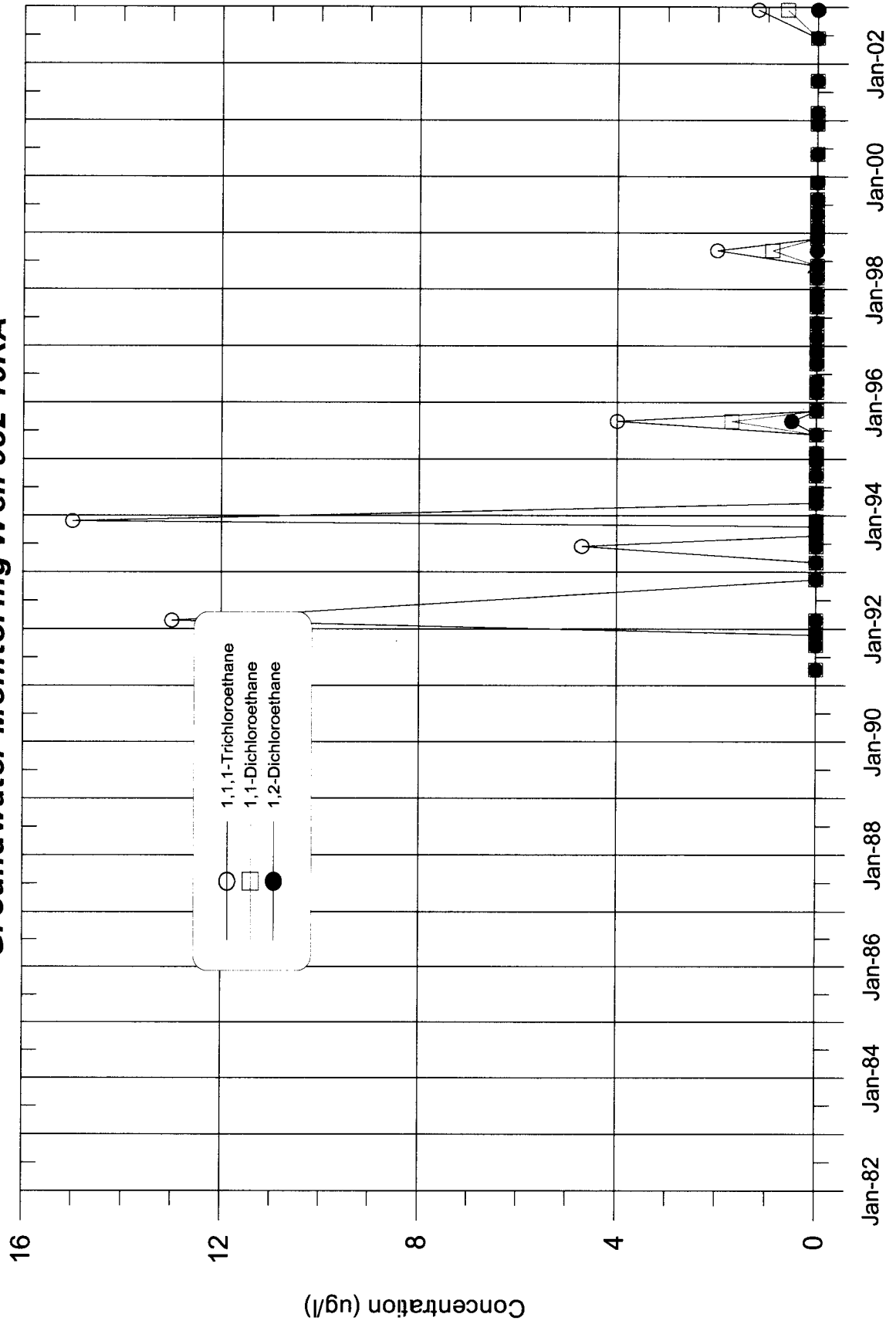
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-08R**



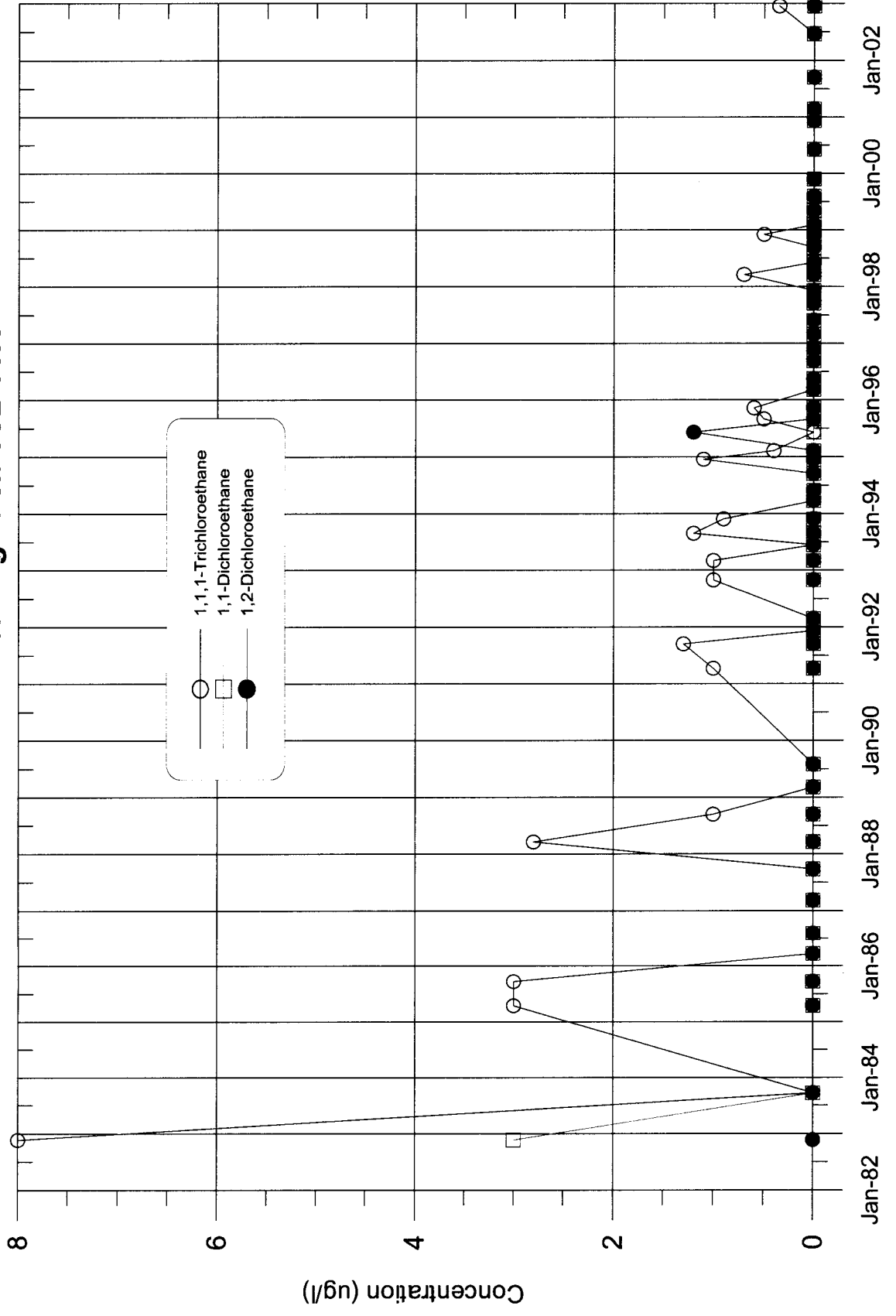
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-09R**



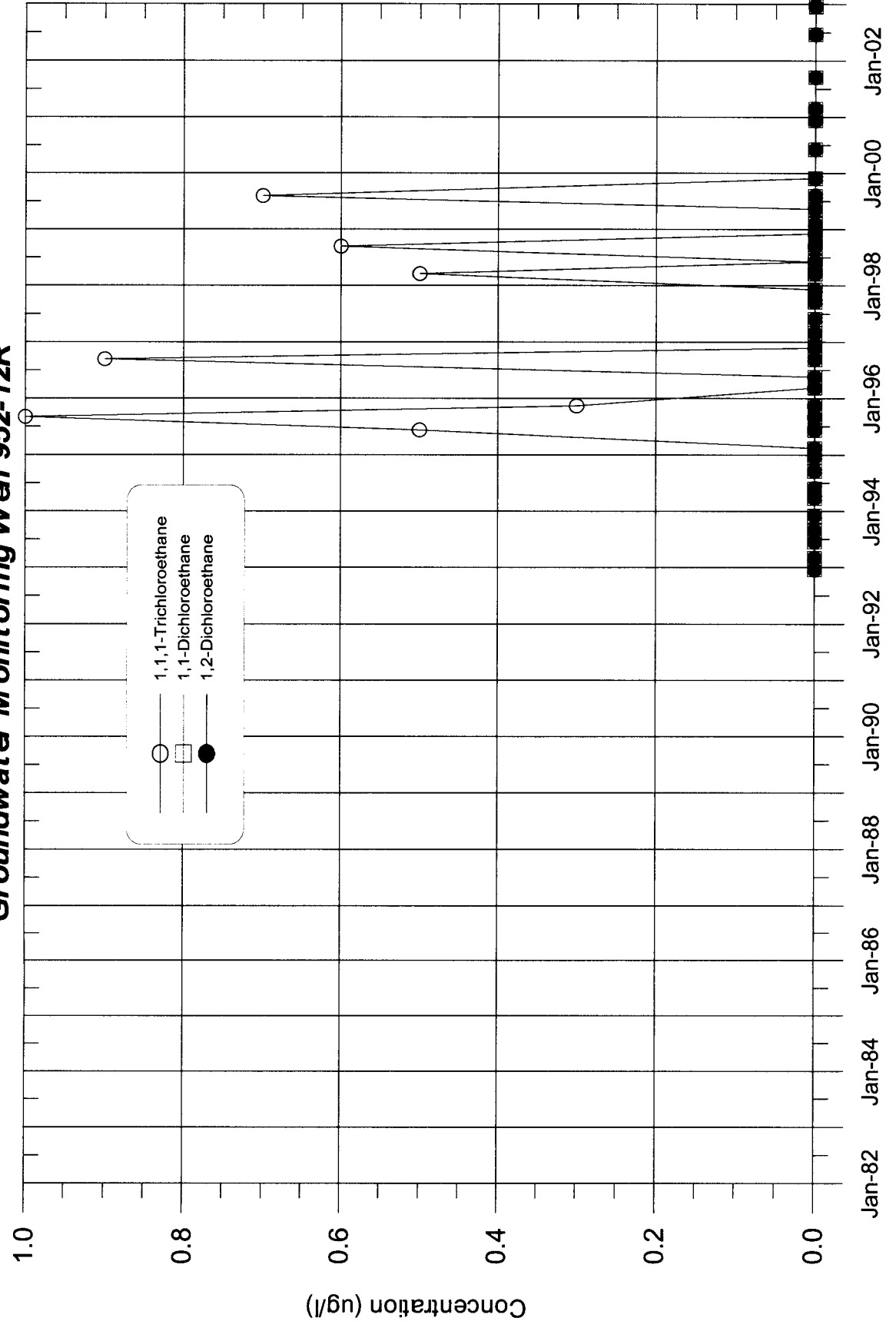
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-10RA**



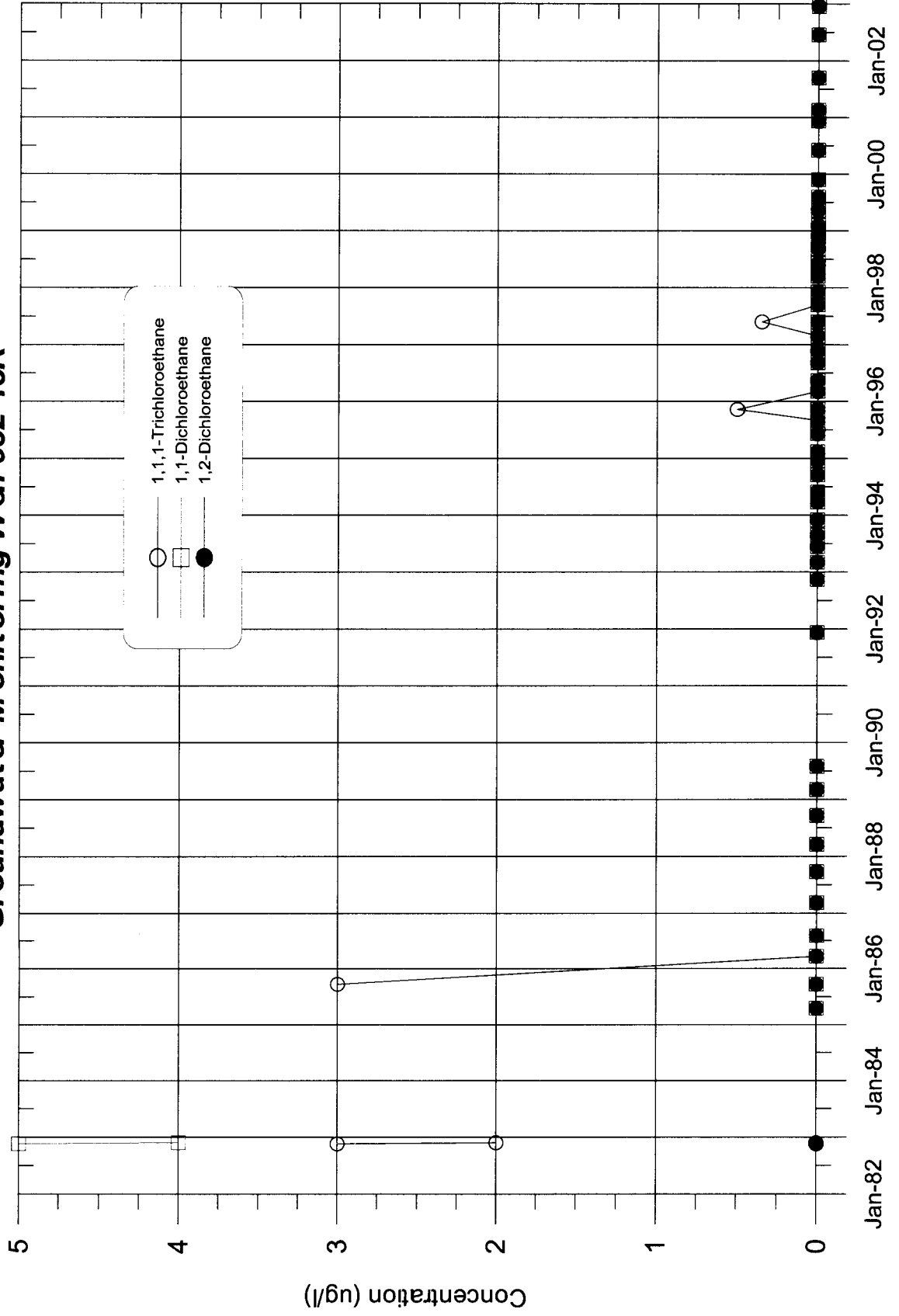
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-11R**



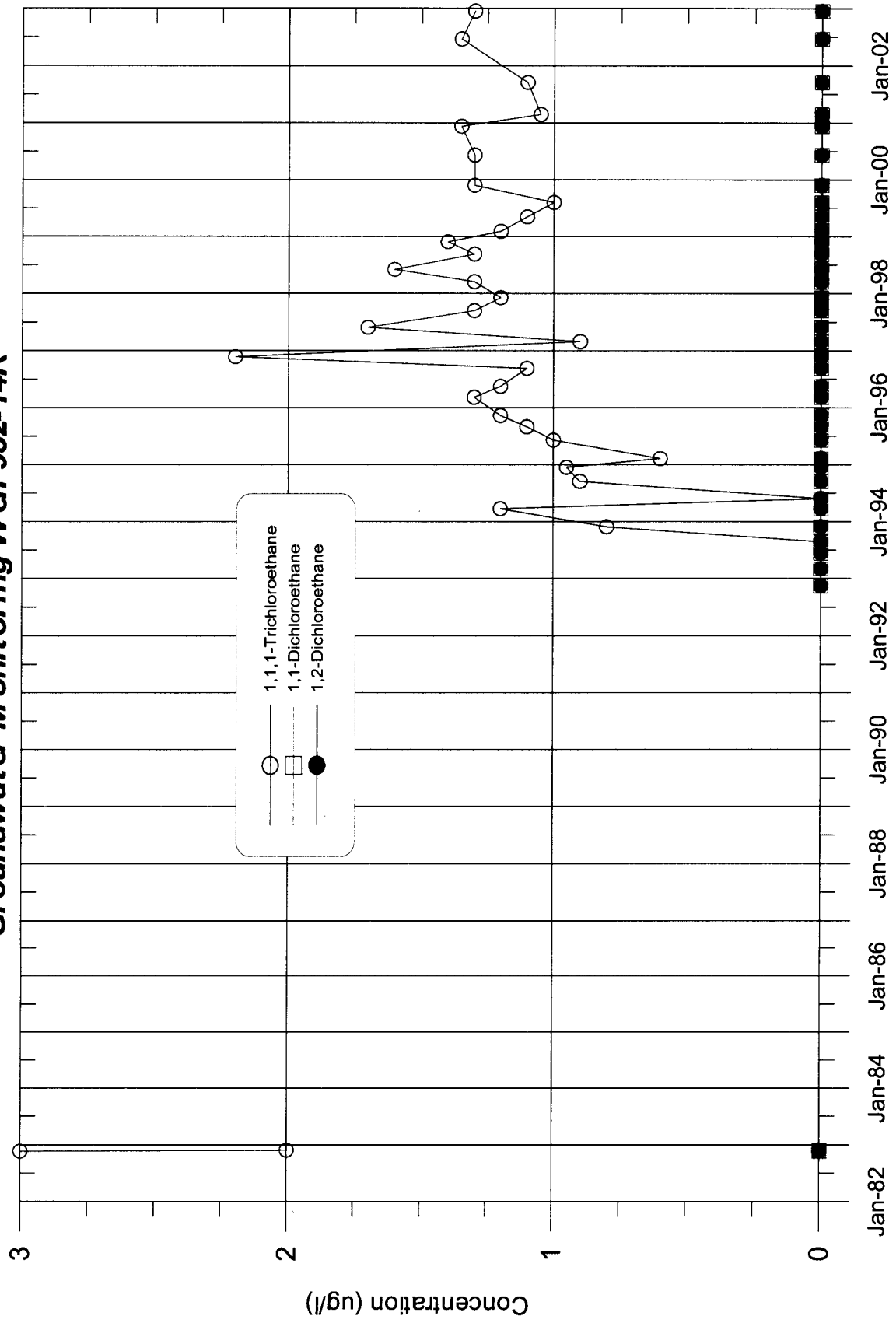
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-12R**



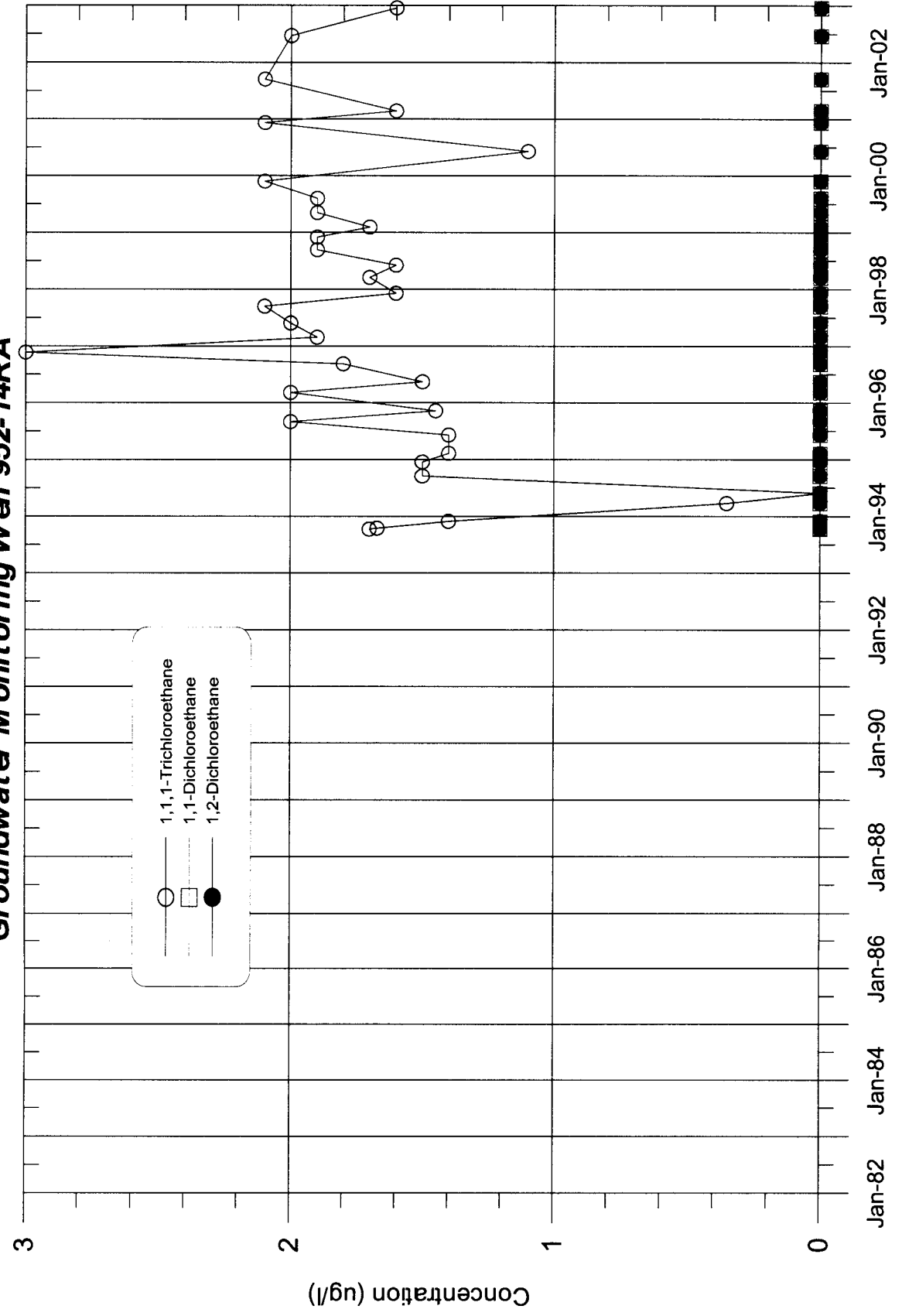
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-13R**



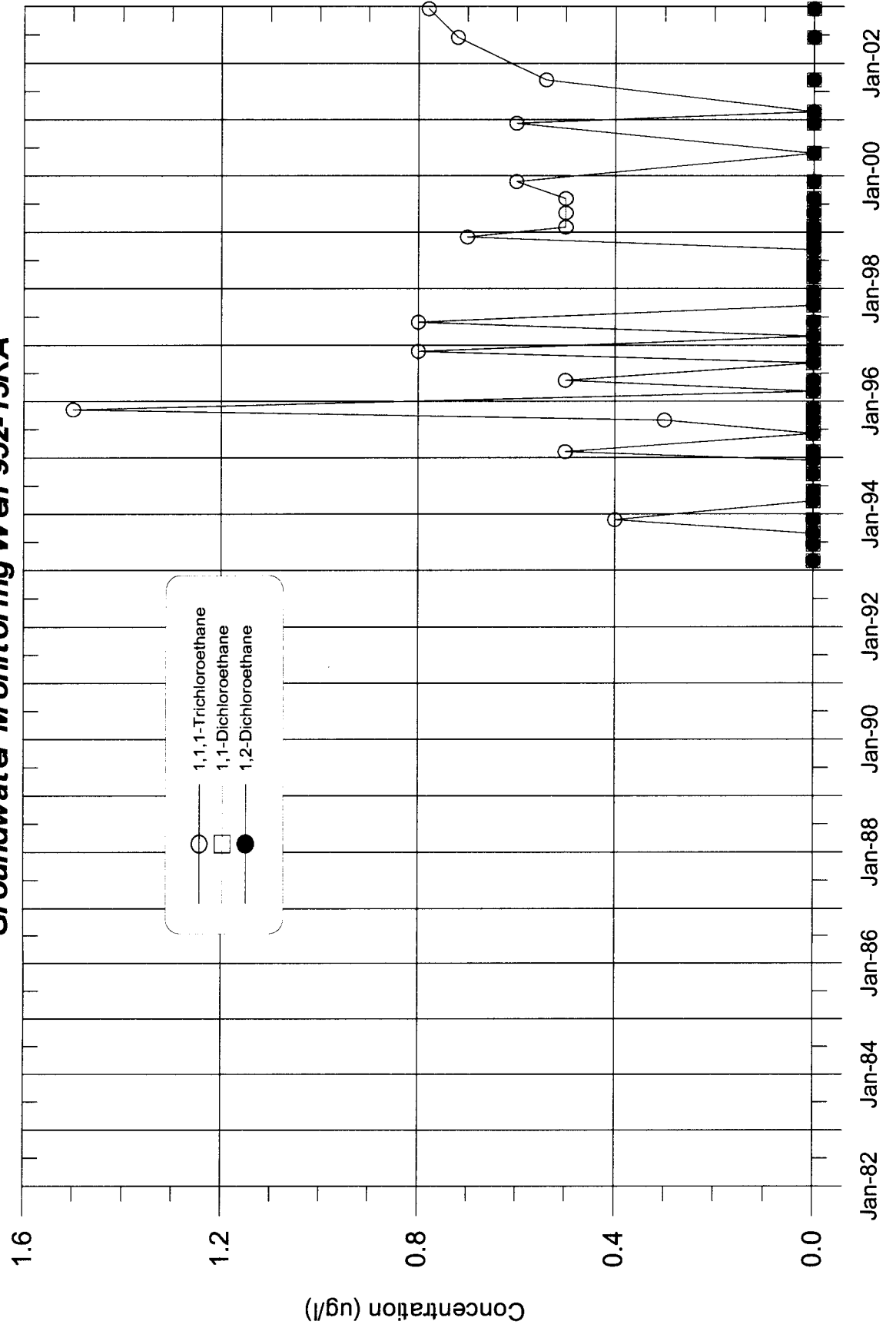
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-14R**



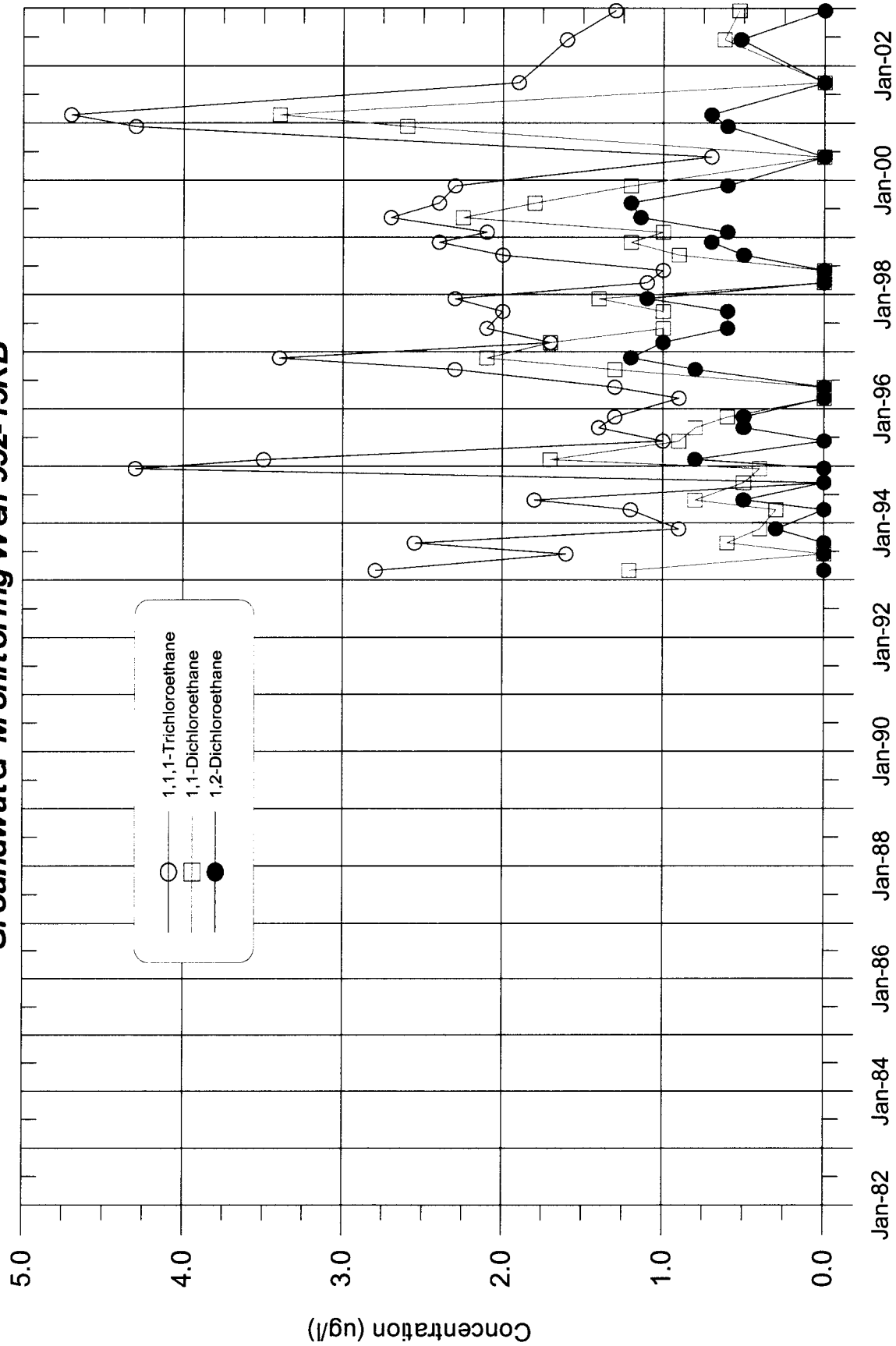
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-14RA**



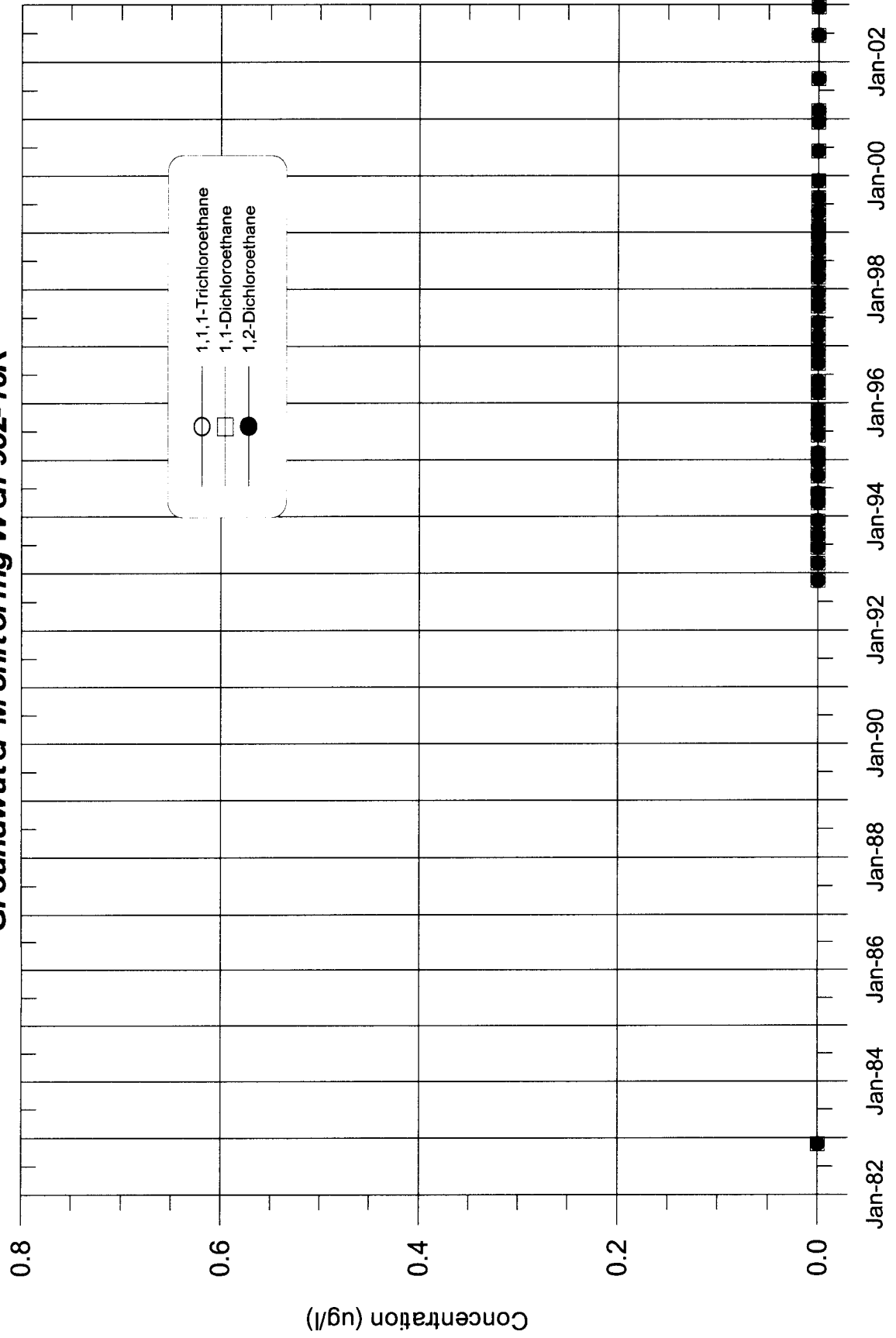
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Groundwater Monitoring Well 952-15RA**



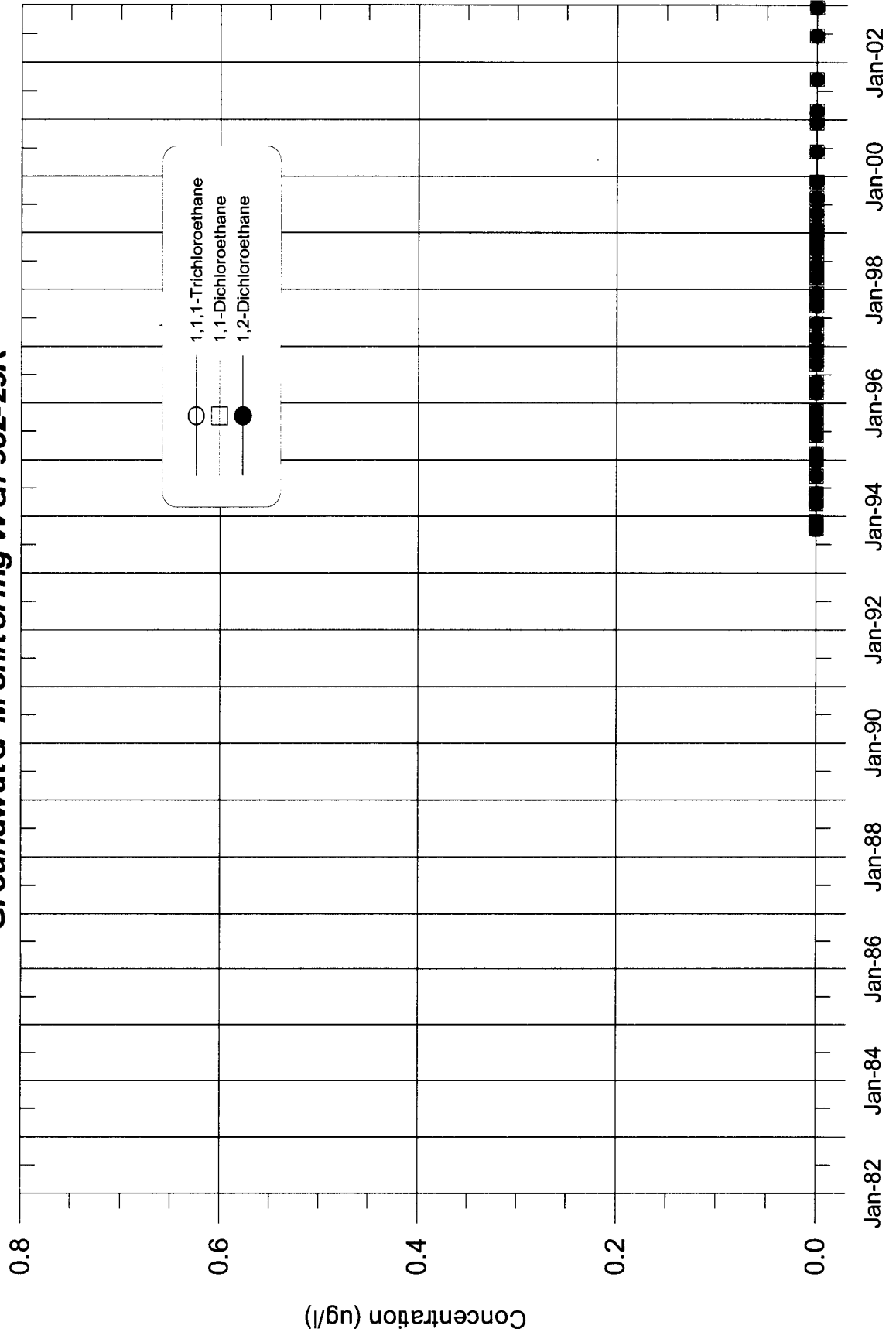
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Groundwater Monitoring Well 952-15RB**



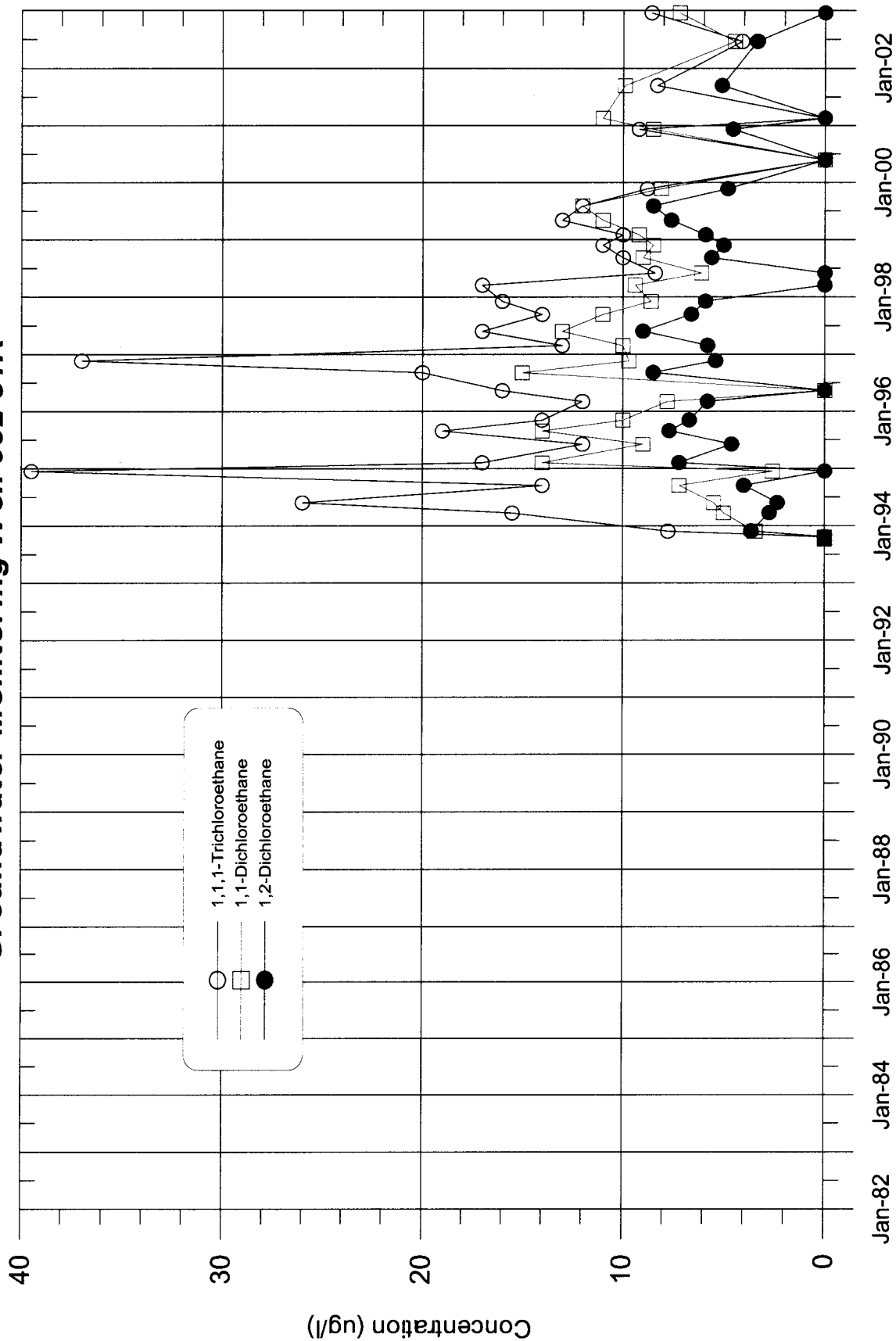
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Groundwater Monitoring Well 952-16R**



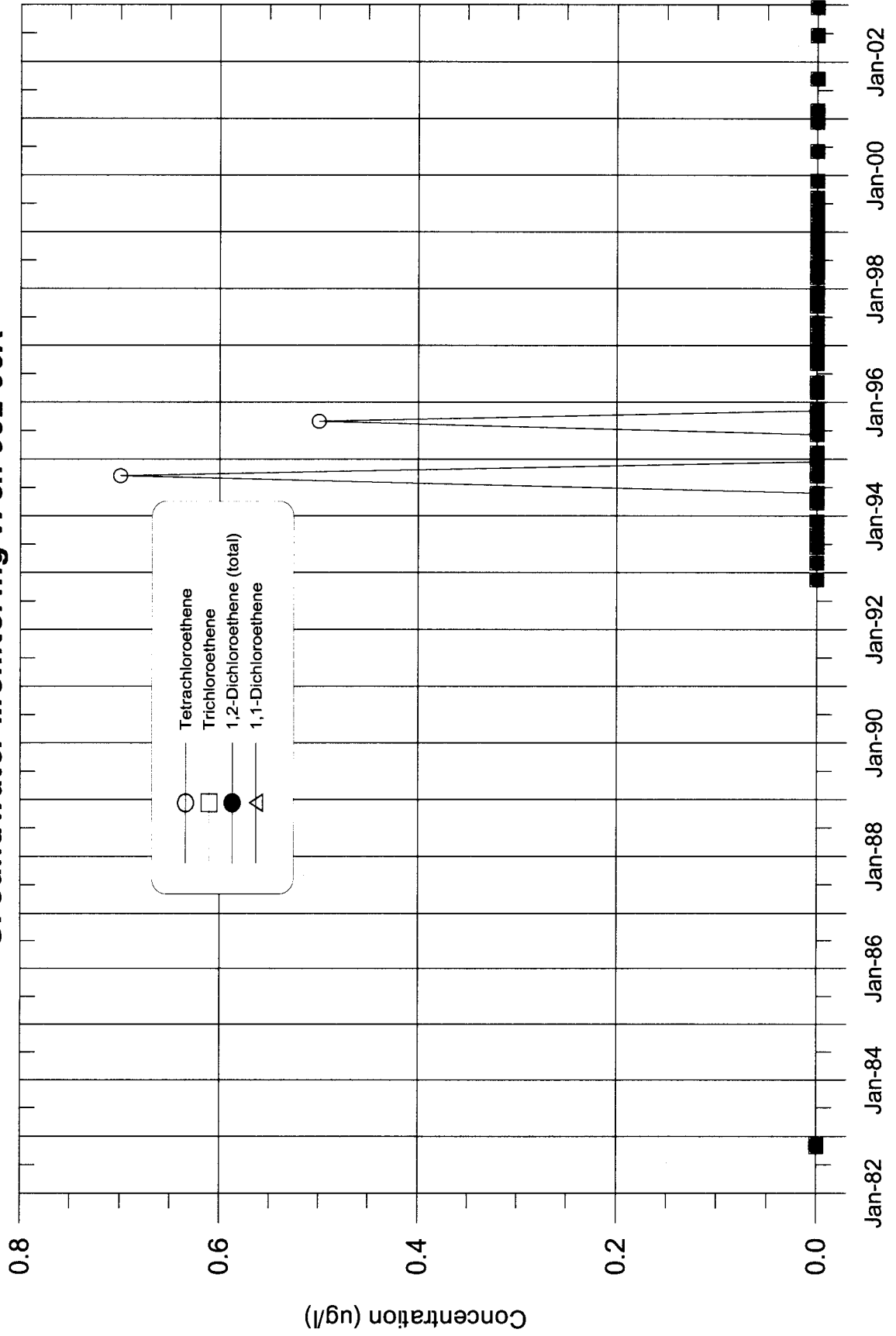
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-29R**



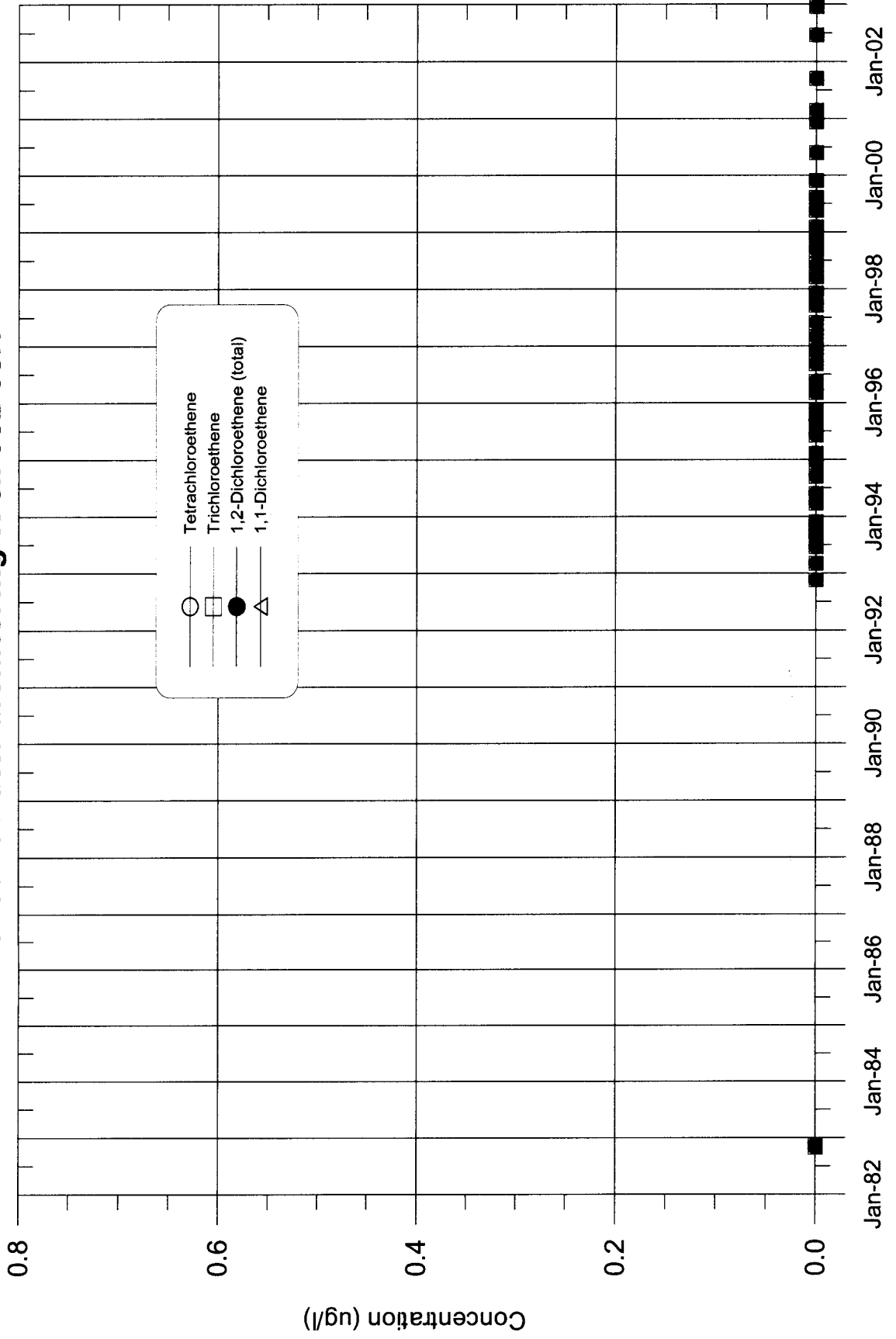
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Groundwater Monitoring Well 952-31R**



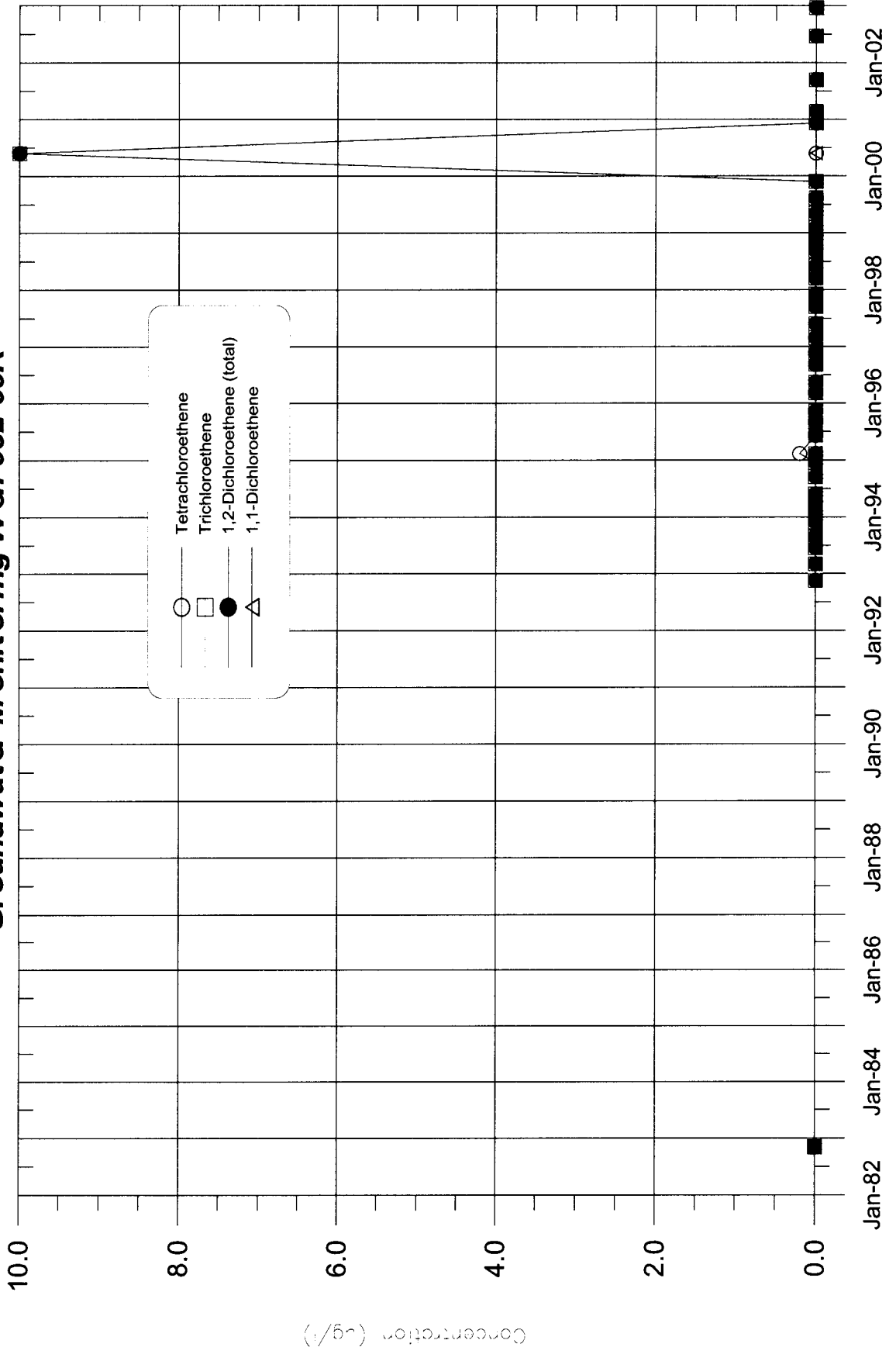
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Groundwater Monitoring Well 952-06R**



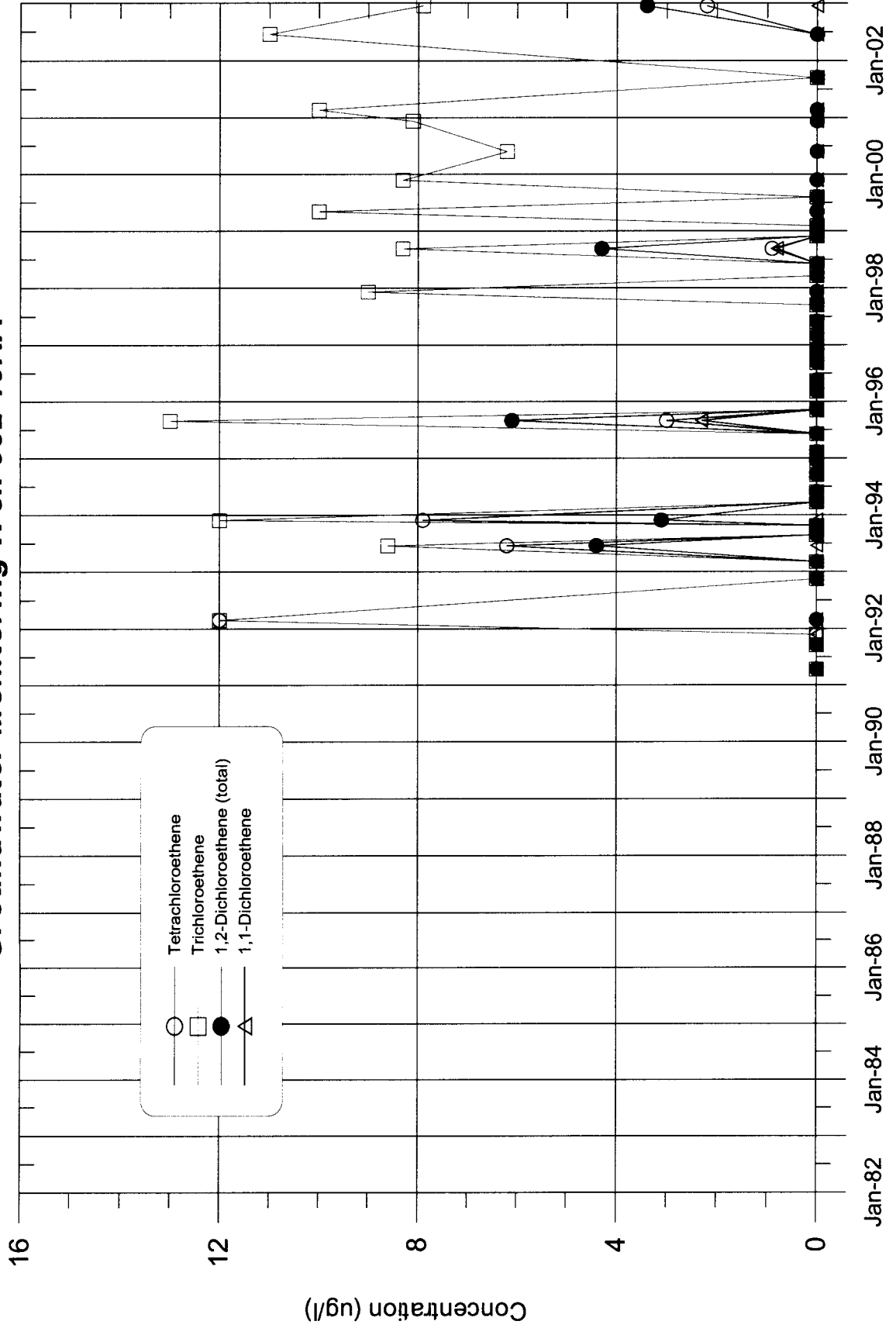
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Groundwater Monitoring Well 952-08R**



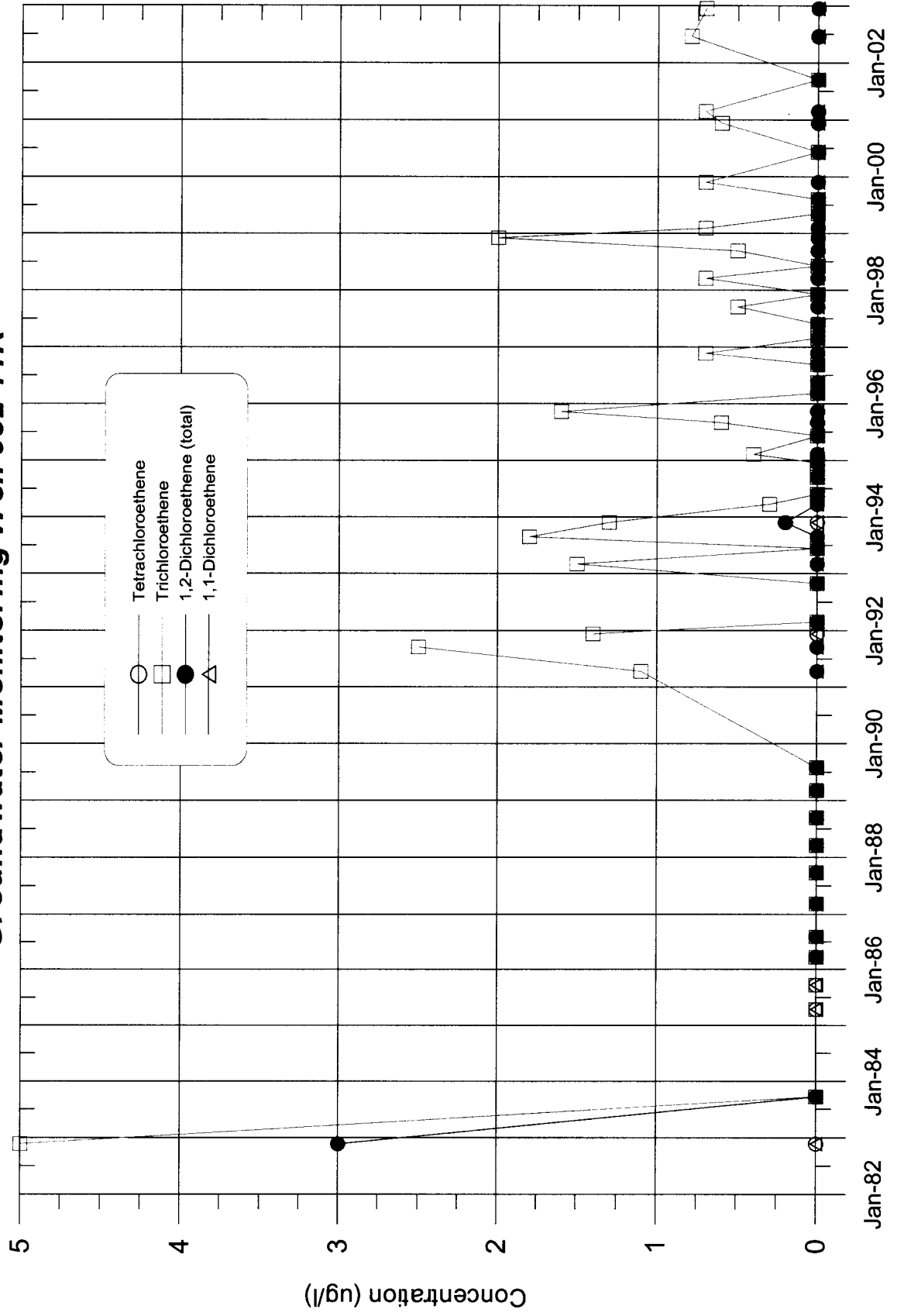
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Groundwater Monitoring Well 952-09R**



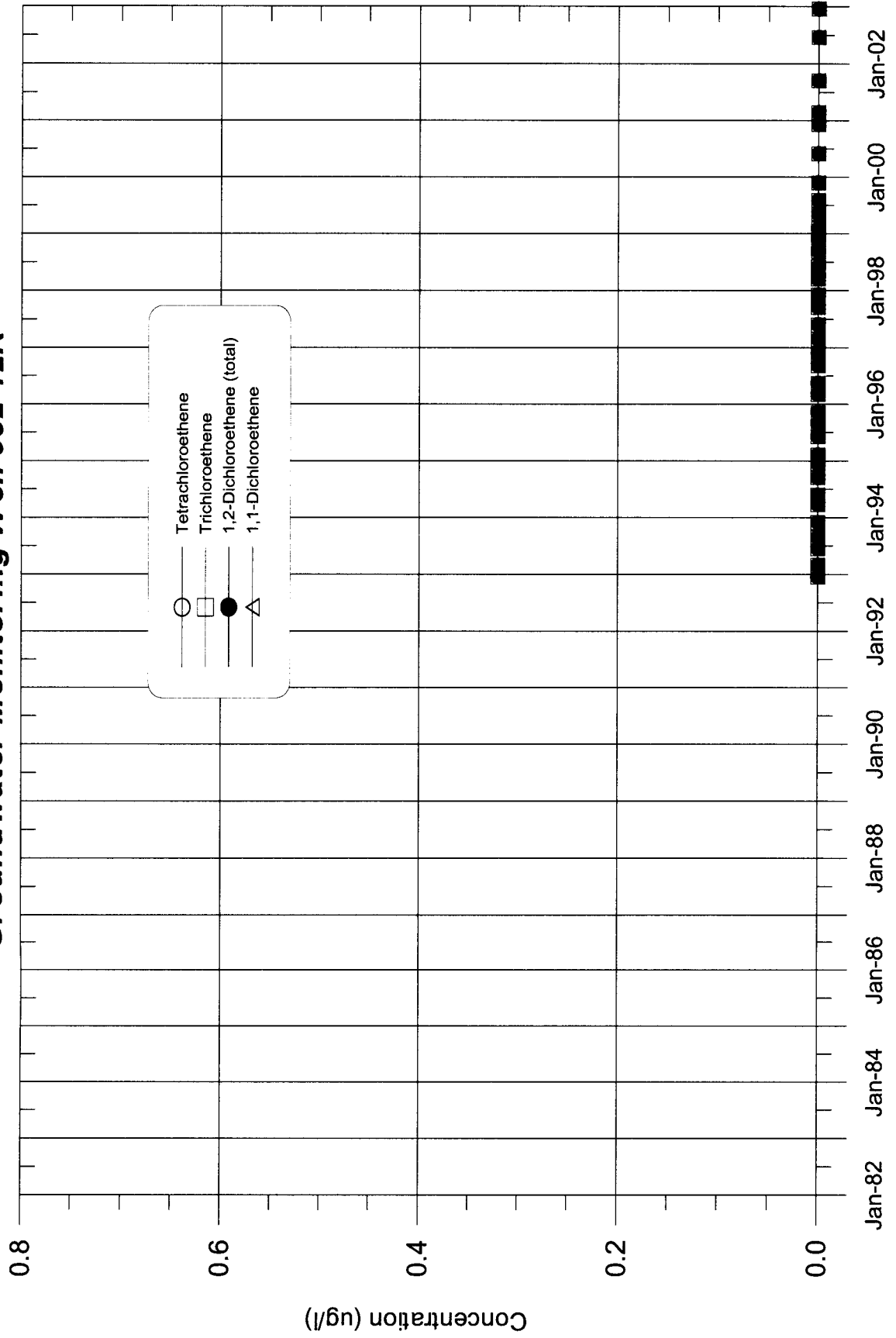
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-10RA**



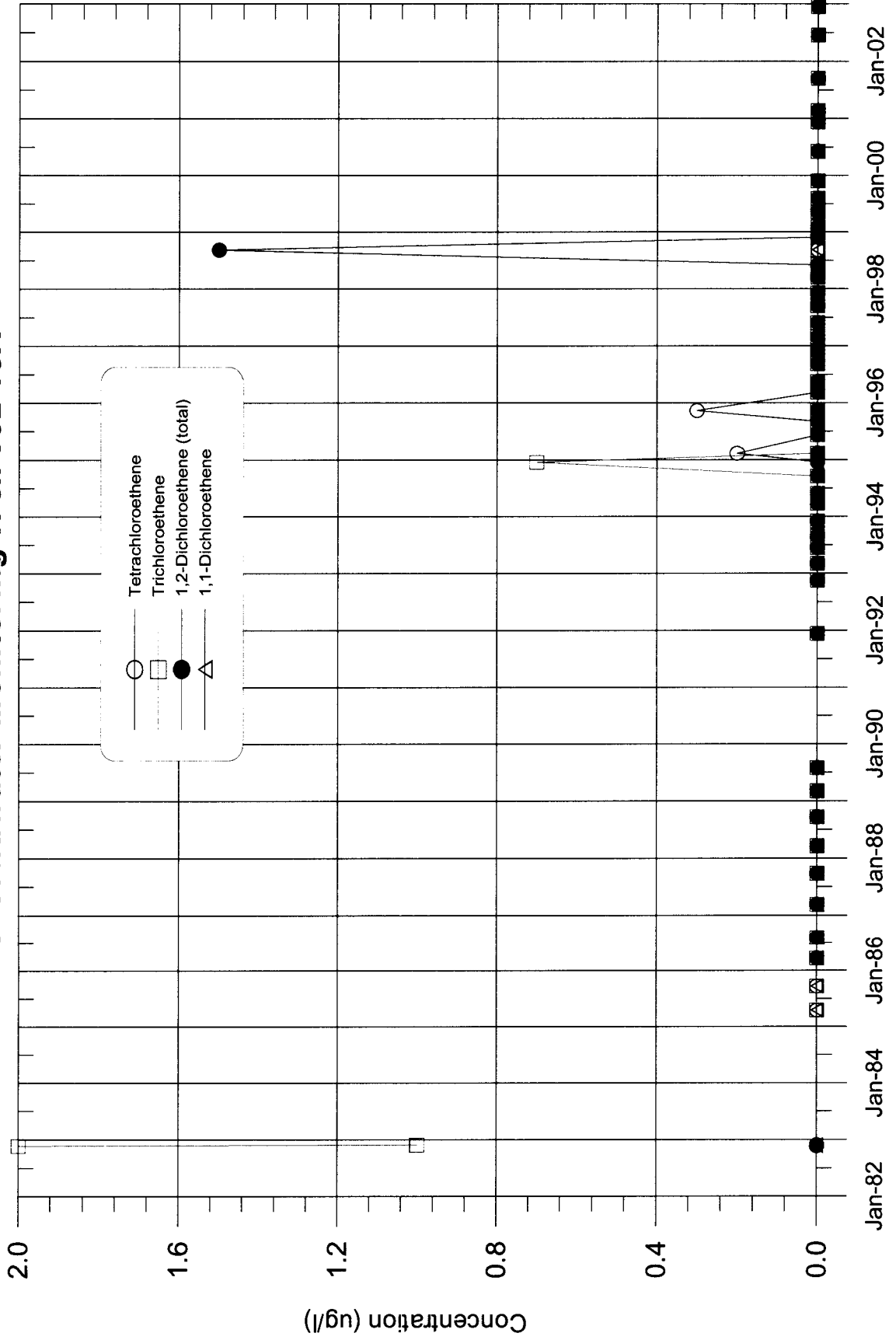
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-11R**



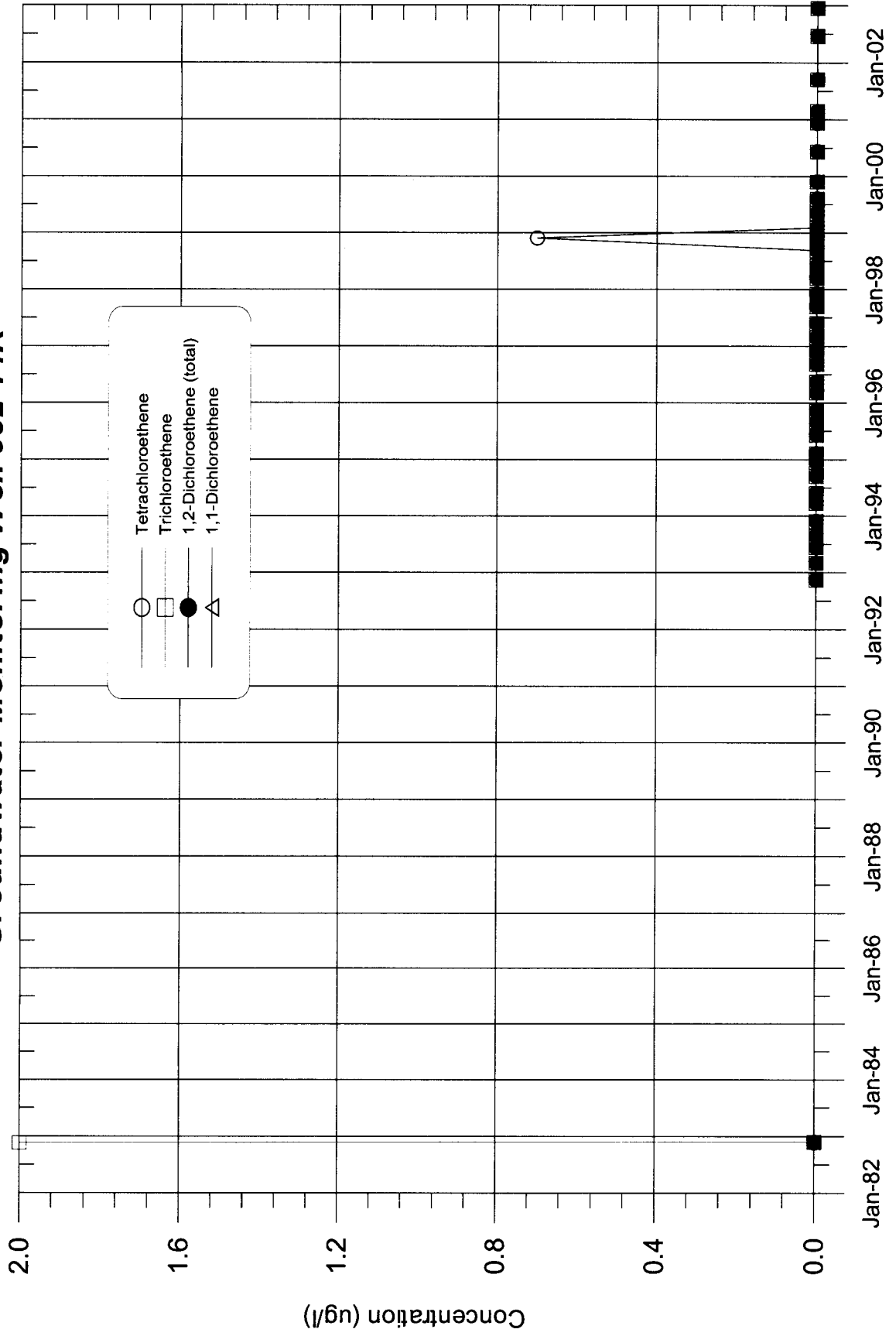
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-12R**



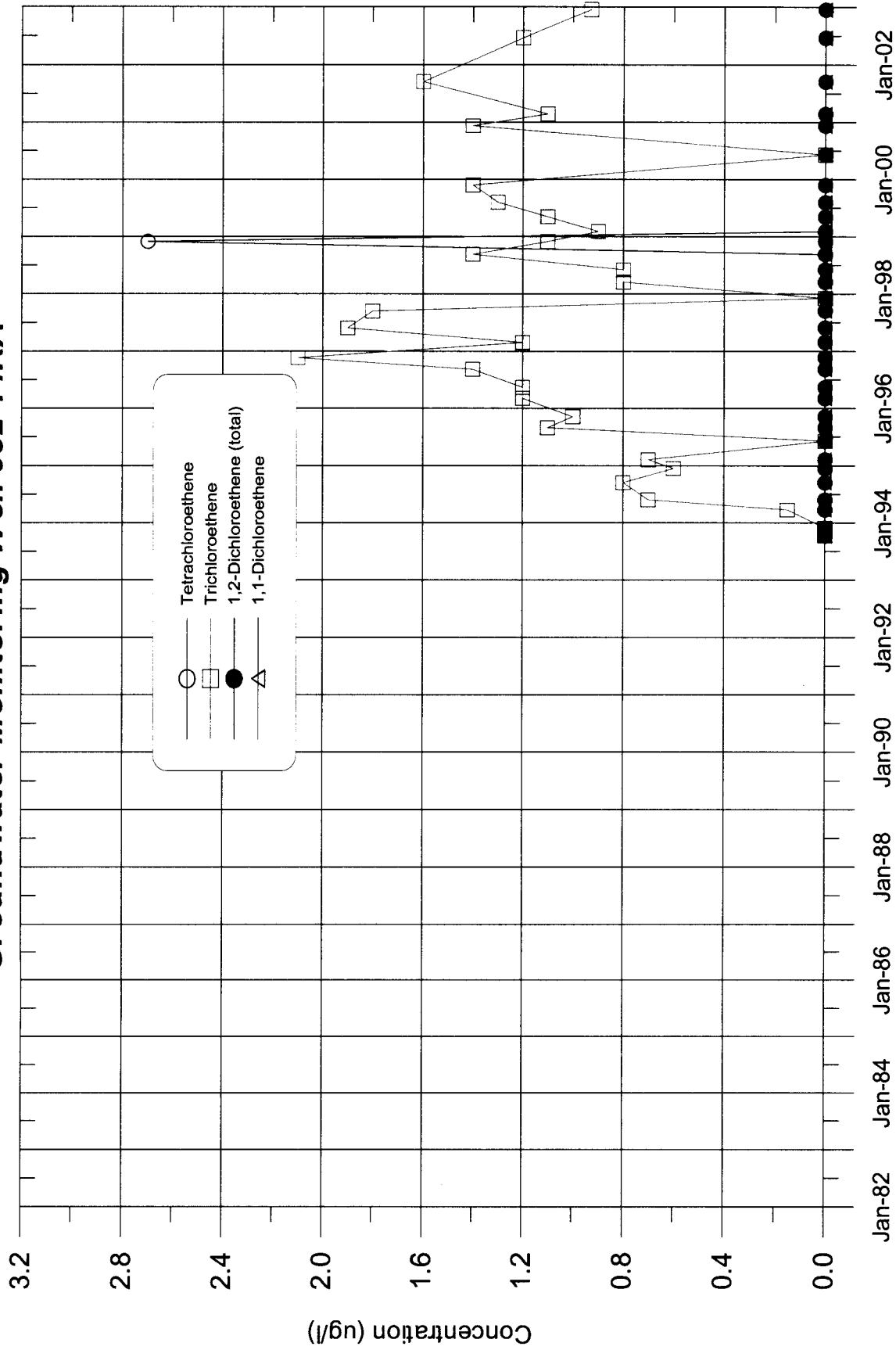
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-13R**



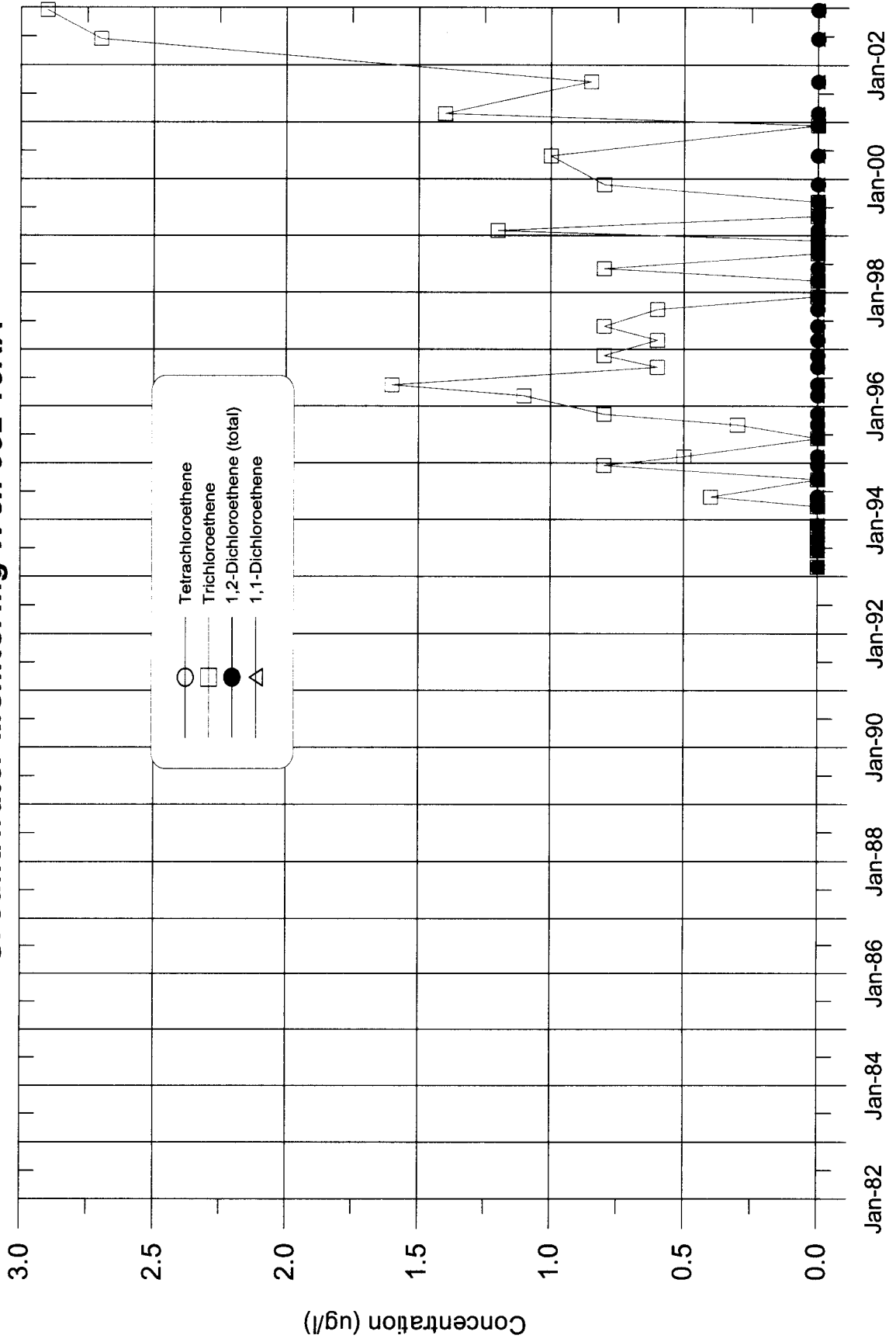
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-14R**



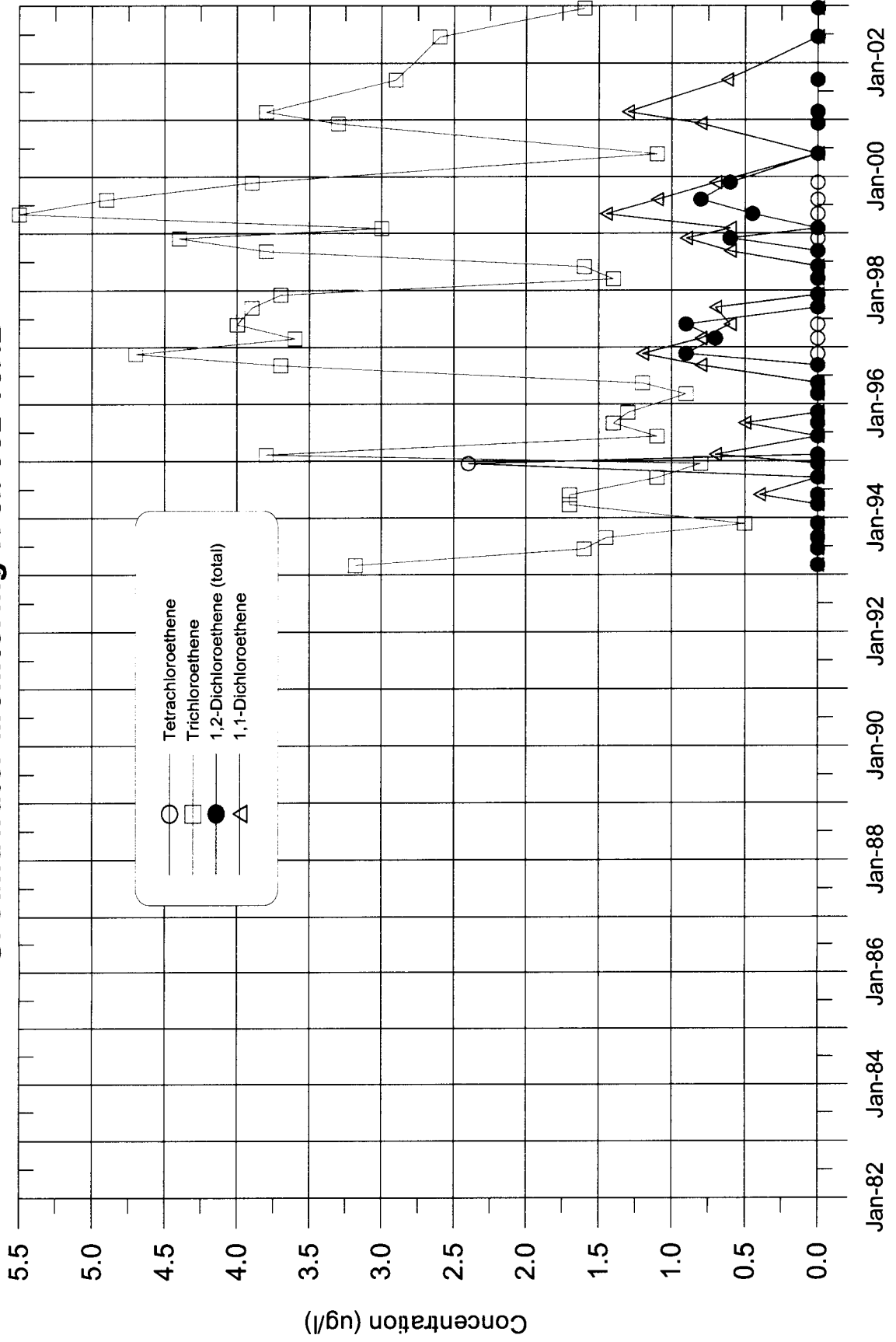
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Groundwater Monitoring Well 952-14RA**



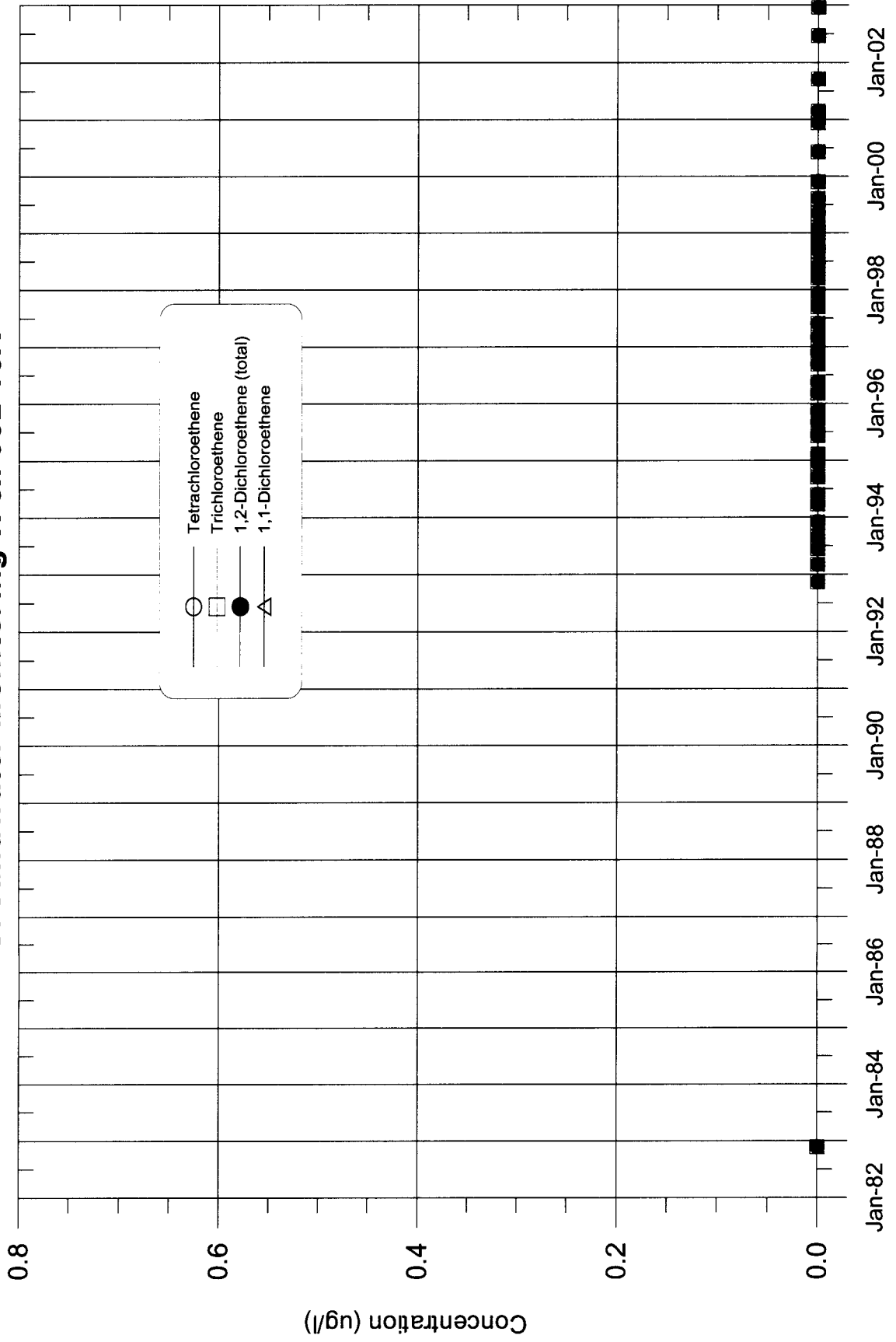
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-15RA**



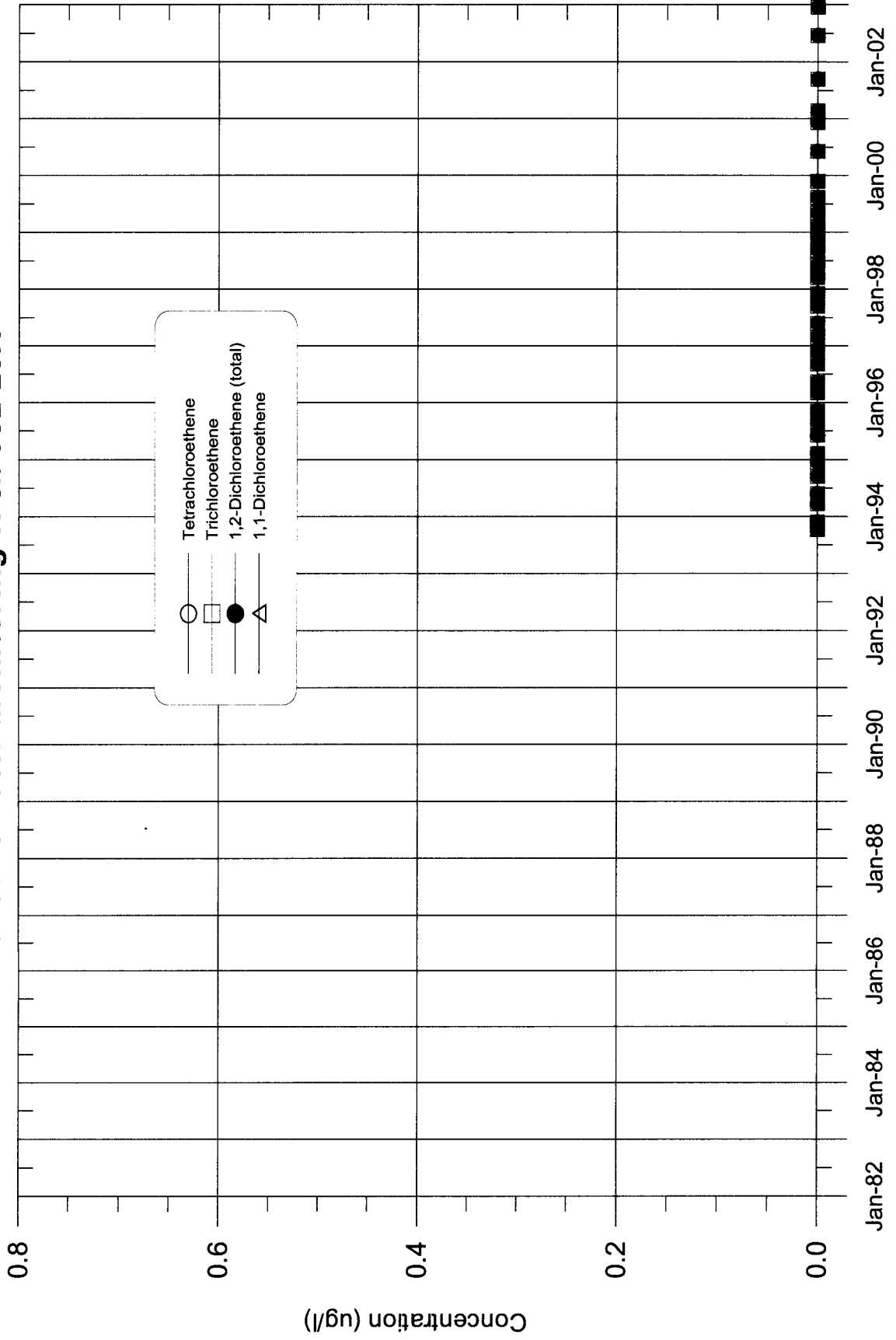
**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-15RB**



**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-16R**



**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-29R**



**Former Leased Property IBM Buildings 952 & 982
Groundwater Monitoring Well 952-31R**

