FMC Corporation

1735 Market Street
Philadelphia Pennsylvania 19103
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July 29, 1999

FMC

State of California
Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

To: Loretta Barsamian
Executive Officer

Att: Mr. Ade Fagorala
Associate Engineering Geologist

Re: Semi-Annual Compliance Report
Groundwater and Extraction/Treatment System Monitoring
January through June 1999
FMC Corporation
8787 Enterprise Drive
Newark, California 94560

Dear Ms. Barsamian:

By the present letter and the enclosed report, FMC Corporation (FMC) is submitting the "Semi-Annual Compliance Report, Groundwater and Extraction/Treatment System Monitoring, January through June 1999" for the FMC Corporation site located at 8787 Enterprise Drive, Newark, California to the State of California Regional Water quality Control Board, San Francisco Bay Region (RWQCB). This report is being submitted in accordance with Provision C.5. of Site Cleanup Requirements Order Number 98-066, Revision of Site Cleanup Requirements and Recission of Order Number 89-055 for FMC Corporation, 8787 Enterprise Drive, Newark, Alameda County, adopted by the RWQCB on July 15, 1998.

If you have any questions or require further information please contact Ms. Zahra M. Zahiraleslamzadeh at (408) 289-3141.

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Zahra M. Zahiraleslamzadeh
Project Manager

7/29/99
Date

cc: Alameda County Water District - Steven Inn
Alameda County Health Agency – Thomas Peacock
Department of Toxic Substances Control – Barbara Cook
Newark Fire Department - Jacqueline Bretschneider
Union Sanitary District – Vaughn Henrie

July 28, 1999 Project No. 86-134B

Ms. Zahra M. Zahiraleslamzadeh
Project Manager
FMC CORPORATION
1125 Coleman Avenue
Gate 1 Annex
San Jose, California 95110

Semi-Annual Compliance Report
Ground Water and Extraction/Treatment System Monitoring
January through June 1999
FMC Corporation
Newark, California

Dear Ms. Zahiraleslamzadeh:

Enclosed is the semi-annual compliance report on ground water and extraction/treatment system monitoring at the FMC Corporation facility in Newark, California for January through June 1999. The report is submitted in accordance with the requirements of the San Francisco Bay Regional Water Quality Control Board's Order No. 98-066 issued on July 15, 1998. If you have any questions or require additional information, please do not hesitate to call.

Respectfully submitted,

GEOSYSTEM CONSULTANTS, INC.

Mohsen Mehran

Mohsen Mehran, Ph.D.
Principal

MM:bs
Enclosure

GEOSYSTEM
Consultants, Inc.

SEMI-ANNUAL COMPLIANCE REPORT

GROUND WATER AND EXTRACTION/ TREATMENT SYSTEM MONITORING JANUARY THROUGH JUNE 1999 FMC CORPORATION NEWARK, CALIFORNIA

Prepared for

FMC CORPORATION
8787 ENTERPRISE DRIVE
NEWARK, CALIFORNIA 94560

Prepared by

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Project No. 86-134

GEOSYSTEM
Consultants, Inc.

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1.0 INTRODUCTION

This report documents ground water and extraction/treatment system monitoring at the FMC Corporation (FMC) facility in Newark, California during the first half of 1999. Monitoring is performed as part of the overall investigation and remediation of the site, pursuant to Orders No. 98-066, No. 87-49, and No. 85-113 adopted by the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). Monitoring activities were consistent with the revised Self-Monitoring Program (SMP) proposed by Geosystem Consultants, Inc. (Geosystem) on October 22, 1992 and amended and approved by the RWQCB on April 19, 1993. The reporting requirements are in accordance with the guidelines and format of the RWQCB's request dated January 24, 1991 and the most recent RWQCB Order No. 98-066 adopted on July 15, 1998. The remainder of this section presents relevant background information, the objectives of the ground water and extraction/treatment system monitoring program, and the approach to achieving those objectives.

1.1 BACKGROUND INFORMATION

FMC operated a phosphorus chemicals production facility (the site) at 8787 Enterprise Drive in Newark, California. The site location is shown in Figure 1 and a plan of the site is shown in Figure 2. In the past, FMC and predecessor companies also manufactured ethylene dibromide (EDB), a soil fumigant, in the western portion of the site. EDB production ceased and the manufacturing and handling facilities were dismantled and removed in 1968.

Since 1980, a number of investigations have been performed to characterize soil/ground water quality and hydrogeologic conditions at the site and vicinity. In general, these investigations were designed to delineate the areal and vertical extent of certain volatile organic compounds (VOCs) in soil and the underlying water-bearing zones and to assess the ground water flow regime.

The investigations to date have identified two water-bearing zones within the upper 70 feet of the soil profile beneath the site. The "shallow zone" extends from about 5 to 20 feet below grade and consists of silty clay and clayey sand. The underlying Newark aquifer extends from about 50 to 70 feet below grade and consists primarily of sand. The two water-bearing zones are separated by the 30-foot thick Newark aquitard.

The principal compounds detected in soil and ground water beneath the site are EDB and 1,2-dichloroethane (DCA). These compounds are present in both the shallow zone and the Newark aquifer; however, the concentrations in the Newark aquifer are generally lower than those in the shallow zone. With the concurrence of the RWQCB and California Department of Health Services (DHS), most of the previous studies have focused on evaluating EDB in the subsurface environment beneath the site. Throughout the remainder of this report, the area of the site in which EDB is known to be present in soil and/or shallow zone ground water is referred to as the "EDB area."

In accordance with the waste discharge requirements of RWQCB Order No. 85-113, FMC initiated remedial measures in the Newark aquifer in January 1986. The Newark aquifer remediation program currently involves the extraction of ground water from Well DW-2 with treatment by granular activated carbon (GAC) to remove dissolved EDB and other organic constituents prior to discharge. With the agencies' concurrence, discharge methods to date have variously included reinjection into the Newark aquifer; surface discharge to the E-1 Ditch; and since October 18, 1988, discharge to a Union Sanitary District (USD) sanitary sewer. The locations of the extraction wells, monitoring wells, the GAC treatment system, and other pertinent surface features are shown in Figure 3. Pursuant to RWQCB Order No. 85-113 and concurrent with the installation of the Newark aquifer remediation program, an asphalt cap with a concrete-lined perimeter drainage ditch was constructed over the area of highest EDB concentrations. The cap and ditch are designed to minimize the infiltration

of precipitation and surface runon and to control runoff. This area, shown in Figure 3, is referred to as the "capped area."

In accordance with Order No. 87-49 (RWQCB, May 20, 1987), and based on the results of previous investigations, a shallow zone containment system was designed to limit the lateral migration of EDB and remediate shallow zone ground water conditions (Geosystem, December 1987). The shallow zone containment system includes 26 extraction wells connected to a vacuum pump via a common header. The locations of the shallow zone wells are shown in Figure 3. The extracted water is transferred to the existing GAC units for treatment. The shallow zone containment system has been operating since August 1989.

On July 15, 1998, the RWQCB adopted Order No. 98-066 while recinding Order No. 89-055. among other things, Order No. 98-066 requires FMC to conduct semi-annual ground water monitoring and reporting. To comply with the requirements of the order, this semi-annual report presents the data collected during the first six months of 1999. The next semi-annual monitoring will be performed in July 1999.

1.2 OBJECTIVES

The overall objective of the ground water and extraction/treatment system monitoring reported herein is to comply with Order No. 98-066 and provide FMC with the data necessary to manage the ground water remediation effort currently underway at the site. Specifically, the monitoring data are intended to facilitate evaluation of the following:

- The lateral and vertical distribution of VOCs in ground water and the direction/gradient of ground water flow.
- The effectiveness of the extraction system in containing and remediating VOCs in ground water beneath the site.

1.3 TECHNICAL APPROACH

The technical approach to achieving the stated objectives is based on the requirements of Order 98-066; adherence to standardized monitoring procedures designed to provide reliable, representative, and reproducible data; and evaluation of the data in the context of historic monitoring results and regional ground water quality.

Section 2.0 of this report describes the field activities and laboratory analyses associated with monitoring in the first half of 1999. Section 3.0 presents an evaluation of ground water quality conditions and the effectiveness of ground water extraction in achieving hydraulic control and remediating subsurface conditions. The field water quality/sampling records are provided in Appendix A. The historical ground water quality data are presented in Appendix B.

2.0 FIELD ACTIVITIES AND CHEMICAL ANALYSES

Ground water monitoring in the first half of 1999 was performed in selected wells to evaluate the prevailing ground water flow regime and obtain representative ground water quality data. The field activities were part of a coordinated ground water monitoring program conducted by FMC and neighboring facilities under the direction of the RWQCB. The neighboring facilities include Ashland Chemical Company (Ashland), 37445 Willow Street property (previously known as Romic Environmental Technologies), and Jones-Hamilton Company (Jones-Hamilton). Monitoring consisted of water level measurements, the collection of ground water samples, treatment system monitoring, and chemical analyses. Each of these activities is described in the following sections.

2.1 WATER LEVEL MEASUREMENTS

The depths to ground water in the shallow zone and Newark aquifer wells were measured on January 12 and 13 and April 13, 1999 using an electric well sounder. The water levels were measured immediately after accessing each well and prior to any artificial water level disturbance. The measurements were recorded to the nearest 0.01 foot relative to the top of the casing (Tables 1 and 2) in each well. The resulting ground water level data for January and April 1999 monitoring events are summarized in Tables 3 and 4. Tables 3 and 4 also list the water levels in nearby wells as measured by the three neighboring facilities. These water level data were used to generate ground water contours for the shallow zone and Newark aquifer, as described in Section 3.1.

2.2 GROUND WATER SAMPLING

Ground water sampling was conducted between January 12 and 14, 1999 by Geosystem. Sampling activities included well purging; recording of field water quality parameters, including pH, electrical conductivity (EC), and temperature; and sample collection. These activities are described below.

2.2.1 Well Purging

Prior to sampling, the monitoring wells were purged to remove standing water in the well casings and promote the inflow of representative ground water from the surrounding formation. The monitoring wells were purged using either a diaphragm pump or a peristaltic pump.

In accordance with standard sampling procedures, the pH, EC, and temperature of the ground water were measured initially and after the removal of each successive casing volume. Casing volumes were calculated based on the well diameter and the height of the water column in the well casing. The actual volume of water extracted was measured in containers of known capacity. Typically, well purging continued until three casing volumes had been removed from the well or until the well had been pumped dry. The total number of casing volumes purged and the stabilized pH, EC, and temperature measurements are summarized in Table 5. Copies of the field data sheets are included in Appendix A.

The water generated by well purging activities was processed in the existing ground water treatment system and discharged into the USD sanitary sewer.

2.2.2 Sample Collection

On completion of purging and field measurements, ground water samples were collected from each of the monitoring wells using disposable polyethylene bailers. Ground water samples from the shallow zone extraction wells were collected with the peristaltic pump through dedicated tubing. Ground water samples from the Newark aquifer extraction wells were collected at sampling ports located on the discharge piping. The samples were decanted into 40 mℓ, "zero head-space," glass vials with teflon-lined septa.

As part of the quality assurance/quality control program (QA/QC), one trip blank sample and two equipment decontamination blank samples (Samples QA/QC-1 and QA/QC-2) were collected for analysis during the January 1999 monitoring event.

Immediately upon collection, the sample containers were labeled and placed on ice in coolers. For the January 1999 monitoring event, the samples were transported from the site to Sequoia Analytical (Sequoia) in Redwood City, California. Standard chain-of-custody procedures were followed at all times from sample collection to delivery to Sequoia.

2.3 TREATMENT SYSTEM MONITORING

Treatment system monitoring in the first half of 1999 included measurement of the volumes of water extracted and discharged to the USD sanitary sewer and sampling of the treatment system influent and effluent. Maintenance of the treatment system during the first half of 1999 included the replacement of filter cartridges and changing the carbon in each vessel. The extraction/treatment system operated continuously during the first half of 1999, except when the system was shut down temporarily due to carbon replacement.

Flow volumes are recorded for Newark aquifer Extraction Wells DW-2 and DW-8 via an in-line flow totalizing meter. A second flow meter measures the cumulative influent flow rate for the shallow zone extraction wells. Monthly flow volumes and average extraction rates at these two locations are summarized in Table 6. The total flow volume extracted from the shallow zone for the first half of 1999 was 485,238 gallons. The corresponding total volumes for Wells DW-2 and DW-8 were 3,849,191 and 1,017,396 gallons, respectively.

Ground water samples from Extraction Wells DW-2 and DW-8 and a grab sample of the shallow zone extraction wells designated as IN-SZ were collected once during January 1999. In the first half of 1999, a grab sample of the combined influent streams, designated as I-1,

was collected ten times. Also, treatment system effluent samples (GT-1) were typically collected on a biweekly basis, for a total of ten sampling events during the first half of 1999.

2.4 CHEMICAL ANALYSES

The ground water and treatment system influent/effluent samples were analyzed for VOCs using U.S. Environmental Protection Agency (EPA) Method 8010, modified to include EDB. The results of the analyses for detectable concentrations of VOCs in ground water are summarized in Table 7 and discussed in Section 3.2. The concentrations of VOCs in the treatment system influent/effluent samples are summarized in Table 8 and discussed in Section 3.3. The certificates of analyses and chain-of-custody records, as received from Sequoia, are available for review and can be provided upon request. Sequoia is certified by the California Department of Health Services (DHS) for the analyses performed.

3.0 DATA EVALUATION

This section presents an evaluation of the ground water remediation efforts for the first half of 1999. The ground water hydraulics, ground water quality, performance of the ground water extraction/treatment system, and QA/QC procedures are discussed below.

3.1 HYDRAULIC CONTROL EVALUATION

Ground water level data were used to evaluate the flow regime in the shallow zone and Newark aquifer. The hydraulic response of these water-bearing zones resulting from the ongoing extraction programs at FMC and adjacent facilities are discussed below.

3.1.1 Hydraulic Response in the Shallow Zone

Ground water levels in the shallow zone, as measured by Geosystem and the neighboring facilities, are presented in Tables 3 and 4, respectively. The corresponding ground water contours, shown in Figures 4 and 5, represent pumping conditions at the FMC site during the first half of 1999. Although water levels in the shallow zone extraction wells are controlled by water level switches and remain below 0 feet mean sea level (MSL) during pumping (Geosystem, April 20, 1990), for contouring purposes, water levels were assumed to be at 2 feet and 2.5 feet above MSL for January and April 1999, respectively. Localized ground water depressions are evident in the EDB area as a result of pumping.

Figures 4 and 5 show that the regional flow regime is dominated by ground water extraction from the shallow zone at FMC and the neighboring facilities. Cones of depression are apparent in the vicinity of extraction Wells EW-2, EW-4, J10, and J-4R at the Jones-Hamilton facility and around Wells C-2, B-25, and EW-1 at the Ashland facility.

3.1.2 Hydraulic Response in the Newark Aquifer

Ground water levels in the Newark aquifer at FMC and the neighboring facilities for the first half of 1999 are presented in Tables 3 and 4. As shown in Figures 6 and 7, the ground water contours for the first half of 1999 demonstrate a westerly flow direction toward the FMC facility. The contours show a cone of depression near FMC Extraction Wells DW-2 and DW-8.

3.2 GROUND WATER QUALITY EVALUATION

The concentrations of VOCs in FMC ground water wells during the first half of 1999 are summarized in Table 7. To facilitate comparison between current and previous water quality data, a compilation of historical water quality data is presented in Appendix B. Shallow zone and Newark aquifer water quality data are discussed in the following sections.

3.2.1 Shallow Zone Water Quality

The water quality data (Table 7 and Appendix B) indicate that the most prevalent compounds in the shallow zone are bromoform, DCA, and EDB. In addition to these compounds, Wells W-13 and W-20 have shown certain chlorinated VOCs, which is consistent with the historical data. A review of historical data shows that the areal extent of bromoform concentrations has been primarily limited to the EDB area near Monitoring Well W-5 and Extraction Wells W-20 and W-47 through W-50. During the first half of 1999, only Wells W-7 (3.1 $\mu g/\ell$) and W-48 (41,000 $\mu g/\ell$) showed detectable bromoform concentrations.

Isoconcentrations of DCA and EDB were generated for the FMC site and neighboring facilities from the January 1999 water quality data. The maximum DCA concentration was 28,000 $\mu g/\ell$, detected in Well B-18 at the 37445 Willow Street property. At the FMC site, the maximum DCA concentration was 5,900 $\mu g/\ell$ in Extraction Well W-48. The DCA

isoconcentrations for the shallow zone are shown in Figure 8. With respect to EDB, the following observations can be made:

- o Historically, the highest concentrations of EDB have been detected in Wells W-20, W-23, and W-44 through W-51, located in the EDB area.
- o The highest EDB concentration (4,500 $\mu g/\ell$) during the first half of 1999 was detected in Well W-48.

The EDB isoconcentrations for the shallow zone are shown in Figure 9. In general, EDB concentrations have historically been decreasing because of extraction and EDB is contained beneath the FMC site (Geosystem, February 28, 1997).

3.2.2 Newark Aquifer Water Quality

The highest DCA concentration (3,600 $\mu g/\ell$) was detected in Well DW-2, located within the capped area. Well DW-8 contained DCA at a concentration of 610 $\mu g/\ell$. Other Newark aquifer wells contained significantly lower concentrations of DCA. The DCA isoconcentrations generated from the January 1999 water quality data are shown in Figure 10. The DCA concentrations in the Newark aquifer have decreased since the beginning of the investigations at the FMC site. Review of the historical data shows that EDB concentrations in the Newark aquifer have significantly reduced since investigation began in 1980. The EDB concentrations measured in the Newark aquifer for the first half of 1999 were below detection limits in all Newark aquifer wells except Extraction Well DW-2 at 160 $\mu g/\ell$. The EDB isoconcentrations generated from the January 1999 water quality data are shown in Figure 11. Considering the distribution of DCA and EDB, extraction from FMC's Newark aquifer extraction wells is effective in containing the DCA and EDB plumes.

3.3 TREATMENT SYSTEM EFFICIENCY

The ground water pumping data, presented in Table 6, show that the average flow rate from Wells DW-2 and DW-8 during the first half of 1999 were 14.7 and 3.9 gpm, respectively. The average extraction rate from the shallow zone for the first half of 1999 was 1.9 gpm.

The efficiency of the ground water treatment system can be evaluated by comparing system influent and effluent water quality. Table 8 summarizes the treatment system influent and effluent water quality during the first half of 1999. Samples from Extraction Wells DW-2 and DW-8 and the combined influent from the shallow zone extraction wells (IN-SZ) were collected and analyzed for VOCs. Table 8 also summarizes effluent water quality, which is monitored after the water has been fully treated by the secondary vessel (GT-1).

Sampling Station GT-1 represents the final treatment system effluent and is located downstream of the secondary carbon unit. Sampling Station I-1 represents the combined influent from the shallow zone and Newark aquifer immediately upstream of the primary carbon unit. Treatment system influent (I-1) and effluent (GT-1) samples are collected on a biweekly basis.

As shown in Table 8, none of the samples collected from Sampling Station GT-1 contained detectable concentrations of any VOCs, except the January 19, 1999 sample, which showed 11 $\mu g/\ell$ of 1,2-DCA. Overall, the GAC unit has been effective in removing VOCs from the influent stream.

The estimated mass of EDB and DCA removed each year and for the first half of 1999 from ground water is presented in Table 9. Utilizing the total flow rates and average influent concentrations, approximately 44 pounds of EDB and 123 pounds of DCA were removed by the treatment system in the first half of 1999. Since ground water extraction began in 1986, approximately 799 pounds of EDB and 4,109 pounds of DCA have been removed.

Table 9 shows a general reduction in mass removal rates attributable mostly to the decrease in concentrations, particularly from 1986 to 1991.

3.4 QUALITY ASSURANCE/QUALITY CONTROL MEASURES

Several QA/QC measures were implemented to provide qualitative and quantitative checks on data quality. Field QA/QC measures included trip blank and equipment decontamination blank samples designated as QA/QC-1 and QA/QC-2. The samples identified as QA/QC-1 collected in January 1999 consisted of water collected through the purge hose from Well W-15 subsequent to decontamination. The QA/QC-2 samples consisted of water collected through the purge hose from Well W-35 subsequent to decontamination. Laboratory QA/QC measures included laboratory control samples (LCS) and QC blank, matrix spike, and duplicate analyses. The results of these QA/QC measures are discussed below.

3.4.1 Blank Sample Analyses

Blank samples analyzed as part of the overall QA/QC program included trip, method, and equipment decontamination blank samples. The trip blank sample and the method blank samples analyzed by Sequoia using EPA Method 8010 did not contain detectable concentrations of VOCs. The equipment decontamination blank samples (QA/QC-1 and QA/Q-2) consisted of FMC's municipal water supply run through hoses from the vacuum extraction pump after being used for purging Wells W-15 and W-35. The equipment decontamination blank sample QA/QC-1 contained 8.6 $\mu g/\ell$ of chloroform and 0.76 $\mu g/\ell$ of 1,2-DCA. Blank sample QA/QC-2 did not contain detectable concentrations of any of the target compounds.

3.4.2 Data Accuracy

Data accuracy may be defined as the degree of agreement of a measurement with an accepted reference or true value. Data accuracy is evaluated by the analysis of laboratory

control samples and matrix QC samples. The calculated percentage recovery of the spiking compound is taken as a measure of the accuracy of the total analytical method. The tolerance limits for acceptable percent recovery vary according to the analytical method and the spike compound(s). The data indicate that the percent recovery calculated for various compounds were within laboratory control requirements.

3.4.3 Data Validity

Data validity is assessed by quantitatively evaluating data precision and accuracy and by qualitatively evaluating the results of blank sample analyses. The results of the QA/QC measures obtained from the trip blank sample, method blank samples, and decontamination blank samples showed an acceptable degree of accuracy. Also, the ground water quality data are generally consistent with the historical data and, thus, are considered valid. In accordance with the RWQCB's request, a summary of the sampling QA/QC and a summary of the analytical QA/QC are presented in Tables 11 and 12.

3.5 SUMMARY OF COMPLETED AND PROJECTED ACTIVITIES

During the first half of 1999, the following activities pertaining to investigation/remediation of the FMC site were performed:

- Ground water level measurements in January and April 1999.
- Ground water sampling in January 1999.
- Sampling of Extraction Wells DW-2 and DW-8 and the combined influent from the shallow extraction wells in January 1999.
- Treatment system influent and effluent monitoring.
- Routine maintenance of the extraction/treatment system.
- Submission of monthly reports to USD.

The following activities are planned for the second half of 1999:

- o Conducting activities in accordance with RWQCB Order No. 98-066.
- o Ground water monitoring scheduled for July 1999.
- o Ground water level measurements scheduled for October 1999.
- o Treatment system influent and effluent monitoring.
- o Change of carbon in the GAC vessels, as required.
- o Monthly progress reports to be submitted to USD.
- o Routine maintenance of the ground water remediation system.

Other unanticipated activities pertaining to subsurface investigation/remediation will be reported as appropriate.

Respectfully submitted,

GEOSYSTEM CONSULTANTS, INC.

Mohsen Mehran

Mohsen Mehran, Ph.D.
Project Manager
(CGWP No. 189)

Darren C Hogshead

for Darren A. Brandner, P.E.
Senior Engineer
(RCE No. C 048849)

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TABLE 1

MONITORING WELL COMPLETION DETAILS

WELL NO.	TOTAL DEPTH (feet)	PERFORATED INTERVAL (feet)	CASING DIAMETER (inches)	REFERENCE ELEVATION (ft MSL)	REMARKS
W-1	22.5	15.5 - 20.5	4	11.50	
W-2	20.5	13.5 - 18.5	4	10.05	
W-3	25.5	18.5 - 23.5	4	10.78	
W-4	21.5	14.5 - 19.5	4	10.64	
W-5	20.5	13.5 - 18.5	4	11.62	
W-6	18.0	11.0 - 16.0	4	10.75	
W-8	19.5	12.5 - 17.5	4	10.60	
W-9	21.0	14.0 - 19.0	4	11.03	
W-10	21.0	14.0 - 19.0	4	10.51	
W-11	19.5	12.5 - 17.5	4	11.76	
W-12	19.5	12.5 - 17.5	4	12.40	
W-13	19.0	12.0 - 17.0	4	12.02	
W-15	17.5	10.5 - 15.5	4	11.20	
W-16	16.5	9.5 - 14.5	4	10.50	
W-17	18.0	11.0 - 16.0	4	10.36	Abandoned and sealed
W-18	18.5	11.5 - 16.5	4	8.45	Abandoned and sealed
W-19	17.5	5.0 - 15.0	4	13.93	
W-21	22.0	10.0 - 20.0	4	9.65	
W-22	21.0	10.0 - 20.0	4	8.62	
W-23	18.0	8.0 - 18.0	2	12.74	
W-24	20.5	5.0 - 20.0	4	8.34	
W-25	20.0	5.0 - 20.0	4	8.25	
W-26	21.0	5.5 - 20.5	4	7.18	
W-27	20.0	5.0 - 20.0	4	7.08	
W-28	20.5	5.0 - 20.0	4	7.65	
W-30	20.0	9.8 - 19.4	4	9.87	
W-31	18.1	7.4 - 17.3	6	9.93	
W-32	19.8	9.6 - 19.2	4	8.23	
W-34	19.8	9.6 - 19.2	4	7.12	
W-35	20.1	9.4 - 19.3	6	6.72	
W-36	20.3	10.2 - 19.7	4	10.34	
DW-1	116.0	101.0 -110.0	4	11.35	
DW-3	76.0	58.0 - 73.0	2	8.96	
DW-4	60.0	45.0 - 60.0	2	12.45	
DW-5	76.0	43.0 - 73.0	4	5.60	
DW-6	73.0	49.6 - 64.4	4	6.84	
DW-7	46.0	11.0 - 31.0	2	14.30	Not in Newark aquifer
DW-9	71.5	31.0 - 71.0	6	8.27	Abandoned and sealed
DW-10	76.0	40.0 - 60.0	6	7.42	Abandoned and sealed
DW-11	70.5	55.5 - 69.5	4	10.50	

TABLE 2

EXTRACTION WELL COMPLETION DETAILS

WELL NO.	TOTAL DEPTH (feet)	PERFORATED INTERVAL (feet)	CASING DIAMETER (inches)	REFERENCE ELEVATION (ft MSL)	REMARKS
W-7	18.0	11.0 - 16.0	4	8.83	
W-20	22.0	10.0 - 20.0	4	9.38	
W-29	20.7	10.0 - 19.9	6	9.66	
W-33	19.1	8.4 - 18.3	6	6.45	
W-37	19.2	9.0 - 18.5	4	7.80	
W-38	18.3	8.2 - 17.7	4	7.68	
W-39	18.5	8.4 - 17.9	4	9.62	
W-40	18.5	8.4 - 17.9	4	9.17	
W-41	18.5	8.4 - 17.9	4	8.69	
W-42	16.7	6.8 - 16.0	4	8.32	
W-43	17.6	7.4 - 17.0	4	7.97	
W-44	16.8	6.7 - 16.2	4	7.95	
W-45	17.7	7.6 - 17.0	4	7.95	
W-46	16.8	6.7 - 16.1	4	7.96	
W-47	18.7	8.5 - 17.9	4	8.58	
W-48	18.3	8.1 - 17.5	4	8.92	
W-49	18.7	8.5 - 18.0	4	8.96	
W-50	19.0	8.9 - 18.3	4	9.05	
W-51	19.3	9.1 - 18.6	4	9.03	
W-52	18.8	8.7 - 18.1	4	6.96	
W-53	19.4	9.4 - 18.9	4	6.95	
W-54	18.6	8.5 - 18.0	4	6.92	
W-55	17.7	7.5 - 17.0	4	8.60	
W-56	17.4	7.3 - 16.8	4	8.70	
W-57	17.9	7.8 - 17.2	4	8.78	
W-58	18.3	8.1 - 17.6	4	8.69	
DW-2	75.0	52.0 - 70.0	4	9.50	
DW-8	74.0	51.0 - 71.0	6	6.44	

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TABLE 3

GROUND WATER LEVELS
JANUARY 1999

FACILITY	WELL NO.	DATE MONITORED	REFERENCE ELEVATION (ft MSL)	DEPTH TO WATER (feet)	WATER ELEVATION (ft MSL)	WATER-BEARING ZONE	REMARKS
ACWD	E60	- -	9.65	NM[1]	- -	Newark	
	E61	- -	9.91	NM	- -	Newark	
	E106	01/12/99	8.99	5.46	3.53	Shallow	
	E126	01/12/99	7.83	1.43	6.40	Newark	
ASHLAND	B-1	01/12/99	11.36	6.80	4.56	Shallow	
	B-2	01/12/99	9.58	5.68	3.90	Shallow	
	B-3	01/12/99	9.33	5.13	4.20	Shallow	
	B-4	01/12/99	8.83	4.20	4.63	Shallow	
	B-5	- -	8.35	NM	- -	Shallow	
	B-6	01/12/99	9.85	5.90	3.95	Shallow	
	B-7	01/12/99	9.44	5.44	4.00	Shallow	
	B-8	01/12/99	8.75	4.52	4.23	Shallow	
	B-9	01/12/99	11.29	6.00	5.29	Shallow	
	B-11	01/12/99	8.85	4.22	4.63	Shallow	
	B-12	01/12/99	7.55	3.45	4.10	Shallow	
	B-13	01/12/99	9.34	4.70	4.64	Shallow	
	B-23	01/12/99	9.29	5.08	4.21	Shallow	
	B-24	01/12/99	7.99	3.91	4.08	Shallow	
	B-25	01/12/99	9.36	11.00	-1.64	Shallow	Extraction Well
	B-26	01/12/99	9.03	5.35	3.68	Shallow	
	B-27	01/12/99	9.92	6.45	3.47	Shallow	
	B-28	01/12/99	7.95	4.86	3.09	Shallow	
	B-29	01/12/99	7.21	3.13	4.08	Shallow	Former Extraction Well
	B-30	01/12/99	8.23	4.09	4.14	Shallow	
	B-31	01/12/99	9.51	5.60	3.91	Shallow	
	C-2	01/12/99	8.96	16.20	-7.24	Shallow	Extraction Well
	D1	01/12/99	8.55	3.31	5.24	Newark	
	EW-1	01/12/99	11.49	19.32	-7.83	Shallow	Extraction Well

GEOSYSTEM
Consultants, Inc.

TABLE 3
(Continued)

FACILITY	WELL NO.	DATE MONITORED	REFERENCE ELEVATION (ft MSL)	DEPTH TO WATER (feet)	WATER ELEVATION (ft MSL)	WATER-BEARING ZONE	REMARKS
FMC	DW-1	01/12/99	11.35	5.40	5.95	Newark	
	DW-2	01/12/99	9.50	9.12	0.38	Newark	Extraction Well
	DW-3	01/12/99	8.96	5.20	3.76	Newark	
	DW-4	01/12/99	12.45	8.54	3.91	Newark	
	DW-6	01/12/99	6.84	1.99	4.85	Newark	
	DW-8	01/12/99	6.44	3.62	2.82	Newark	Extraction Well
	DW-11	01/12/99	12.66	6.93	5.73	Newark	
	W-1	01/12/99	11.50	7.73	3.77	Shallow	
	W-2	01/12/99	10.05	6.26	3.79	Shallow	
	W-3	01/12/99	10.78	6.66	4.12	Shallow	
	W-4	01/12/99	10.64	6.39	4.25	Shallow	
	W-5	01/12/99	11.62	9.03	2.59	Shallow	
	W-6	01/12/99	10.75	7.38	3.37	Shallow	
	W-7	01/12/99	8.83	4.96	3.87	Shallow	Extraction Well [2]
	W-8	01/12/99	11.08	7.93	3.15	Shallow	
	W-9	01/12/99	14.45	10.93	3.52	Shallow	
	W-10	01/12/99	14.68	11.19	3.49	Shallow	
	W-11	01/12/99	11.76	8.27	3.49	Shallow	
	W-12	01/12/99	13.23	9.85	3.38	Shallow	
	W-13	01/12/99	12.02	8.92	3.10	Shallow	
	W-15	01/12/99	11.20	8.54	2.66	Shallow	
	W-16	01/12/99	10.50	9.80	0.70	Shallow	
	W-19	01/12/99	13.93	6.73	7.20	Shallow	
	W-21	01/12/99	9.65	5.94	3.71	Shallow	
	W-22	01/12/99	8.62	4.88	3.74	Shallow	
	W-23	01/12/99	12.74	8.99	3.75	Shallow	
	W-24	01/12/99	8.34	3.32	5.02	Shallow	
	W-25	01/12/99	8.25	5.16	3.09	Shallow	
	W-26	01/12/99	7.18	3.46	3.72	Shallow	
	W-27	01/12/99	7.08	3.51	3.57	Shallow	
	W-28	01/12/99	7.65	4.12	3.53	Shallow	
	W-29	--	9.66	NM	--	Shallow	
	W-30	01/12/99	9.87	6.79	3.08	Shallow	Extraction Well
	W-31	01/12/99	9.93	6.89	3.04	Shallow	
	W-32	01/12/99	8.23	4.99	3.24	Shallow	
	W-34	01/12/99	7.12	3.13	3.99	Shallow	
	W-36	01/12/99	10.34	6.94	3.40	Shallow	
	W-55	--	8.60	NM	--	Shallow	Extraction Well [2]

TABLE 3
(Continued)

FACILITY	WELL NO.	DATE MONITORED	REFERENCE ELEVATION (ft MSL)	DEPTH TO WATER (feet)	WATER ELEVATION (ft MSL)	WATER-BEARING ZONE	REMARKS
JONES-HAMILTON	J1	01/12/99	9.42	5.20	4.22	Shallow	
	J2	01/12/99	8.91	4.31	4.60	Shallow	
	J3	01/12/99	8.06	4.41	3.65	Shallow	
	J4R	01/12/99	8.10	4.49	3.61	Shallow	Extraction Well
	J5	01/12/99	12.64	7.77	4.87	Shallow	
	J6	01/12/99	9.30	5.93	3.37	Shallow	
	J7	01/12/99	8.03	4.40	3.63	Shallow	
	J8	01/12/99	11.86	4.99	6.87	Newark	
	J9R	01/12/99	8.10	3.42	4.68	Shallow	
	J10	01/12/99	8.61	6.47	2.14	Shallow	Extraction Well
	J11	01/12/99	9.60	5.17	4.43	Shallow	
	J12	01/12/99	7.73	4.08	3.65	Shallow	
	J13	01/12/99	8.15	4.48	3.67	Shallow	
	J14	01/12/99	8.80	5.10	3.70	Shallow	
	J15	01/12/99	13.15	10.11	3.04	Shallow	
	J16	01/12/99	7.76	1.11	6.65	Newark	
	OW-1	--	8.95	NM	--	Shallow	
	EW-2	01/12/99	12.94	17.95	-5.01	Shallow	Extraction Well
	EW-4	01/12/99	12.49	14.35	-1.86	Shallow	Extraction Well
	P1	01/12/99	11.34	9.47	1.87	Shallow	Piezometer
	P2	01/12/99	10.67	8.58	2.09	Shallow	Piezometer
	P3	01/12/99	11.53	11.63	-0.10	Shallow	Piezometer
	P4	01/12/99	12.17	11.87	0.30	Shallow	Piezometer
	P5	01/12/99	9.67	5.06	4.61	Shallow	Piezometer
	P6	01/12/99	10.44	6.79	3.65	Shallow	Piezometer
	P7	01/12/99	9.34	6.03	3.31	Shallow	Piezometer
	P8A	01/12/99	10.67	8.56	2.11	Shallow	Piezometer
	P8B	01/12/99	13.11	7.61	5.50	Shallow	Piezometer
	P9	--	7.65	NM	--	Shallow	Piezometer
37445 WILLOW ST. (formerly Romic)	B-14	01/12/99	8.04	4.38	3.66	Shallow	
	B-17	01/12/99	9.05	5.45	3.60	Shallow	
	B-18	01/12/99	9.88	6.32	3.56	Shallow	
	B-19	01/12/99	8.09	4.64	3.45	Shallow	
	SW-1	01/12/99	8.23	4.71	3.52	Shallow	
	SW-2	01/12/99	6.59	2.82	3.77	Shallow	
	P-1 (B-20)	--	8.87	NA[3]	--	Shallow	
	P-2 (B-21)	--	8.34	NA	--	Shallow	
	P-3	--	8.16	NA	--	Shallow	
	P-4	--	8.04	NA	--	Shallow	
	ET-1	--	8.85	NA	--	Shallow	
	EX-1	--	9.32	NA	--	Shallow	
	NW-1	01/12/99	7.71	1.75	5.96	Newark	

NOTES: (1) NM denotes Not Measured.
(2) Designed as extraction well but not in use.
(3) NA denotes Not Available.

TABLE 4

GROUND WATER LEVELS
APRIL 1999

FACILITY	WELL NO.	DATE MONITORED	REFERENCE ELEVATION (ft MSL)	DEPTH TO WATER (feet)	WATER ELEVATION (ft MSL)	WATER-BEARING ZONE	REMARKS
ACWD	E60	04/13/99	9.65	NM[1]	--	Newark	
	E61	04/13/99	9.91	NM	--	Newark	
	E106	04/13/99	8.99	4.15	4.84	Shallow	
	E126	04/13/99	7.83	NM	--	Newark	
ASHLAND	B-1	04/13/99	11.36	5.20	6.16	Shallow	
	B-2	04/13/99	9.58	3.64	5.94	Shallow	
	B-3	04/13/99	9.33	2.43	6.90	Shallow	
	B-4	04/13/99	8.83	1.50	7.33	Shallow	
	B-5	04/13/99	8.35	1.95	6.40	Shallow	
	B-6	04/13/99	9.85	3.70	6.15	Shallow	
	B-7	04/13/99	9.44	3.58	5.86	Shallow	
	B-8	04/13/99	8.75	2.80	5.95	Shallow	
	B-9	04/13/99	11.29	4.48	6.81	Shallow	
	B-11	04/13/99	8.85	2.15	6.70	Shallow	
	B-12	04/13/99	7.55	1.80	5.75	Shallow	
	B-13	04/13/99	9.34	3.05	6.29	Shallow	
	B-23	04/13/99	9.29	3.02	6.27	Shallow	
	B-24	04/13/99	7.99	1.72	6.27	Shallow	
	B-25	04/13/99	9.36	11.00	-1.64	Shallow	Extraction Well
	B-26	04/13/99	9.03	3.05	5.98	Shallow	
	B-27	04/13/99	9.92	3.98	5.94	Shallow	
	B-28	04/13/99	7.95	2.30	5.65	Shallow	
	B-29	04/13/99	7.21	0.92	6.29	Shallow	Former Extraction Well
	B-30	04/13/99	8.23	1.78	6.45	Shallow	
	B-31	04/13/99	9.51	4.15	5.36	Shallow	
	C-2	04/13/99	8.96	6.70	2.26	Shallow	Extraction Well
	D1	04/13/99	8.55	2.25	6.30	Newark	
	EW-1	04/13/99	11.49	19.25	-7.76	Shallow	Extraction Well

GEOSYSTEM
Consultants, Inc.

TABLE 4
(Continued)

FACILITY	WELL NO.	DATE MONITORED	REFERENCE ELEVATION (ft MSL)	DEPTH TO WATER (feet)	WATER ELEVATION (ft MSL)	WATER-BEARING ZONE	REMARKS
FMC	DW-1	--	11.35	NM	--	Newark	
	DW-2	--	9.50	NM	--	Newark	Extraction Well
	DW-3	--	8.96	NM	--	Newark	
	DW-4	--	12.45	NM	--	Newark	
	DW-6	--	6.84	NM	--	Newark	
	DW-8	--	6.44	NM	--	Newark	Extraction Well
	DW-11	--	12.66	NM	--	Newark	
	W-1	--	11.50	NM	--	Shallow	
	W-2	--	10.05	NM	--	Shallow	
	W-3	--	10.78	NM	--	Shallow	
	W-4	--	10.64	NM	--	Shallow	
	W-5	--	11.62	NM	--	Shallow	
	W-6	--	10.75	NM	--	Shallow	
	W-7	--	8.83	NM	--	Shallow	Extraction Well [2]
	W-8	--	11.08	NM	--	Shallow	
	W-9	--	14.45	NM	--	Shallow	
	W-10	--	14.68	NM	--	Shallow	
	W-11	--	11.76	NM	--	Shallow	
	W-12	--	13.23	NM	--	Shallow	
	W-13	--	12.02	NM	--	Shallow	
	W-15	04/13/99	11.20	6.10	5.10	Shallow	
	W-16	04/13/99	10.50	1.30	9.20	Shallow	
	W-19	--	13.93	NM	--	Shallow	
	W-21	04/13/99	9.65	4.72	4.93	Shallow	
	W-22	04/13/99	8.62	2.60	6.02	Shallow	
	W-23	--	12.74	NM	--	Shallow	
	W-24	--	8.34	NM	--	Shallow	
	W-25	04/13/99	8.25	3.98	4.27	Shallow	
	W-26	04/13/99	7.18	1.30	5.88	Shallow	
	W-27	--	7.08	NM	--	Shallow	
	W-28	--	7.65	NM	--	Shallow	
	W-29	--	9.66	NM	--	Shallow	
	W-30	--	9.87	NM	--	Shallow	Extraction Well
	W-31	--	9.93	NM	--	Shallow	
	W-32	--	8.23	NM	--	Shallow	
	W-34	--	7.12	NM	--	Shallow	
	W-36	--	10.34	NM	--	Shallow	
	W-55	--	8.60	NM	--	Shallow	Extraction Well [1]

TABLE 4
(Continued)

FACILITY	WELL NO.	DATE MONITORED	REFERENCE ELEVATION (ft MSL)	DEPTH TO WATER (feet)	WATER ELEVATION (ft MSL)	WATER-BEARING ZONE	REMARKS
JONES-HAMILTON	J1	04/13/99	9.42	4.05	5.37	Shallow	
	J2	04/13/99	8.91	3.12	5.79	Shallow	
	J3	04/13/99	8.06	3.15	4.91	Shallow	
	J4R	04/13/99	8.10	7.67	0.43	Shallow	Extraction Well
	J5	04/13/99	12.64	7.24	5.40	Shallow	
	J6	04/13/99	9.30	4.99	4.31	Shallow	
	J7	04/13/99	8.03	3.11	4.92	Shallow	
	J8	04/13/99	11.86	3.69	8.17	Newark	
	J9R	04/13/99	8.10	1.49	6.61	Shallow	
	J10	04/13/99	8.61	4.74	3.87	Shallow	Extraction Well
	J11	04/13/99	9.60	4.18	5.42	Shallow	
	J12	04/13/99	7.73	2.65	5.08	Shallow	
	J13	04/13/99	8.15	3.17	4.98	Shallow	
	J14	04/13/99	8.80	2.97	5.83	Shallow	
	J15	04/13/99	13.15	8.29	4.86	Shallow	
	J16	04/13/99	7.76	NM	--	Newark	
	OW-1	04/13/99	8.95	NM	--	Shallow	
	EW-2	04/13/99	12.94	22.64	-9.70	Shallow	Extraction Well
	EW-4	04/13/99	12.49	10.27	2.22	Shallow	Extraction Well
	P1	04/13/99	11.34	8.08	3.26	Shallow	Piezometer
	P2	04/13/99	10.67	7.15	3.52	Shallow	Piezometer
	P3	04/13/99	11.53	8.63	2.90	Shallow	Piezometer
	P4	04/13/99	12.17	9.25	2.92	Shallow	Piezometer
	P5	04/13/99	9.67	NM	--	Shallow	Piezometer
	P6	04/13/99	10.44	5.25	5.19	Shallow	Piezometer
	P7	04/13/99	9.34	4.98	4.36	Shallow	Piezometer
	P8A	04/13/99	10.67	7.48	3.19	Shallow	Piezometer
	P8B	04/13/99	13.11	6.74	6.37	Shallow	Piezometer
	P9	04/13/99	7.65	1.71	5.94	Shallow	Piezometer
37445 WILLOW ST. (formerly Romic)	B-14	--	8.04	NM	--	Shallow	
	B-17	--	9.05	NM	--	Shallow	
	B-18	--	9.88	NM	--	Shallow	
	B-19	--	8.09	NM	--	Shallow	
	SW-1	--	8.23	NM	--	Shallow	
	SW-2	--	6.59	NM	--	Shallow	
	P-1 (B-20)	--	8.87	NM	--	Shallow	
	P-2 (B-21)	--	8.34	NM	--	Shallow	
	P-3	--	8.16	NM	--	Shallow	
	P-4	--	8.04	NM	--	Shallow	
	ET-1	--	8.85	NM	--	Shallow	
	EX-1	--	9.32	NM	--	Shallow	
	NW-1	--	7.71	NM	--	Newark	

NOTES: (1) NM denotes Not Measured or not available.
(2) Designed as extraction well but not in use.

TABLE 5

FIELD-MEASURED WATER QUALITY PARAMETERS [1]
FIRST HALF OF 1999

WELL NO.	DATE MEASURED	pH [2]	ELECTRICAL CONDUCTANCE [2] (µmhos/cm)	TEMPERATURE [2] (°F)	CASING VOLUMES REMOVED	REMARKS
W-4	01/12/99	7.2	5,960	61.0	3	
W-7	01/13/99	7.6	2,120	60.4	3	Inactive Extraction Well
W-12	01/12/99	7.2	6,740	60.6	3	
W-13	01/12/99	7.6	5,220	59.3	3	
W-15	01/12/99	7.3	3,050	55.8	3	
W-20	01/13/99	7.3	4,380	64.3	NA[3]	Extraction Well
W-24	01/12/99	7.7	3,620	58.2	3	
W-27	01/12/99	7.8	1,720	58.3	3	
W-28	01/12/99	7.2	2,360	59.2	3	
W-30	01/12/99	8.0	5,150	60.8	3	
W-31	01/12/99	7.7	5,320	68.4	3	
W-34	01/13/99	7.8	6,410	53.2	3	
W-35	01/13/99	7.6	3,260	55.1	3	
W-37	01/13/99	6.5	>20,000	61.2	NA	Extraction Well
W-40	01/13/99	7.0	11,580	63.5	NA	Extraction Well
W-44	01/13/99	7.2	5,200	62.9	NA	Extraction Well
W-48	01/13/99	6.5	6,560	62.1	NA	Extraction Well
W-54	01/11/99	7.7	1,772	63.7	3	Inactive Extraction Well
DW-3	01/12/99	7.0	4,670	62.1	3	
DW-4	01/12/99	7.0	4,700	59.4	3	
DW-6	01/13/99	6.9	5,110	59.8	3	
DW-11	01/12/99	7.1	15,140	58.3	3	

NOTES: (1) Field measurements recorded by Geosystem.
(2) The reported data represent stabilized values.
(3) NA denotes not applicable.

TABLE 6

GROUND WATER TREATMENT SYSTEM FLOW DATA
FIRST HALF OF 1999

	VOLUME EXTRACTED (gallons)			AVERAGE FLOW RATE (gpm) [1]		
	NEWARK AQUIFER		SHALLOW	NEWARK AQUIFER		SHALLOW
MONTH	DW-2	DW-8	ZONE	DW-2	DW-8	ZONE
January	650,681	7,748	59,531	14.6	0.2	1.3
February	463,775	239,504	74,168	11.5	5.9	1.8
March	658,635	245,147	110,618	14.8	5.5	2.5
April	699,925	157,582	77,603	16.2	3.6	1.8
May	557,705	166,901	83,611	12.5	3.7	1.9
June	818,470	200,514	79,707	18.9	4.6	1.8
TOTAL	3,849,191	1,017,396	485,238	14.7	3.9	1.9

NOTES: 1) Values calculated based on days in operation.

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TABLE 7

GROUND WATER QUALITY-FIRST HALF OF 1999
(All units are $\mu g/\ell$)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO-ETHANE	ETHYLENE DIBROMIDE	TRICHLORO-ETHENE	DIBROMO-CHLORO-OMETHANE	1,1 DICHLORO-ETHANE	1,1,1-TRICHLORO-ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO-PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLENE CHLORIDE	CHLORO-BENZENE	CHLORO-ETHANE	VINYL CHLORIDE	1,2-DICHLORO-PROPANE
W-4	01/12/99	<0.5[1]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
W-6	01/12/99	<1.0	33	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<2.0	<2.0	3.7
W-7	01/13/99	3.1	120	71	14	<2.5	<2.5	<5.0	<5.0	<5.0	<5.0	42	<25	<2.5	<5.0	<5.0	<2.5
W-8	01/12/99	<1.0	11	<1.0	<1.0	<1.0	6.5	<1.0	<1.0	<1.0	7.6	<1.0	<10	<1.0	<2.0	<2.0	52
W-10	01/12/99	<2.5	120	<2.5	<2.5	<2.5	5.1	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5.0	<5.0	<2.5
W-12	01/12/99	<2.5	74	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5.0	<5.0	<2.5
W-13	01/12/99	<10	<10	<10	260	<10	<10	<10	26	<10	26	<10	<100	<10	<20	<20	<10
W-19	01/12/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
W-20	01/13/99	<100	4,500	720	1,200	<100	<100	<100	<100	<100	<100	360	<1,000	<100	<200	<200	<100
W-24	01/12/99	<0.5	28	<0.5	3.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	<5.0	<0.5	<1.0	<1.0	<0.5
W-27	01/12/99	<2.5	17	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.5	<2.5	<25	<2.5	<5.0	<5.0	62
W-28	01/12/99	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
W-30	01/12/99	<2.5	80	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5.0	<5.0	<2.5
W-31	01/12/99	<0.5	11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
W-32	01/12/99	<0.5	29	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
W-34	01/13/99	<12	440	<12	<12	<12	<12	<12	<12	<12	<12	<12	<125	<12	<25	<25	<12
W-35	01/13/99	<1.2	13	5.4	4.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	23	<12	<1.2	<2.5	<2.5	<1.2
W-37	01/13/99	<50	1,300	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
W-40	01/13/99	<25	520	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25
W-44	01/13/99	<10	300	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
W-48	01/13/99	41,000	5,900	4,500	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	<20,000	<2,000	<4,000	<4,000	<2,000
W-54	01/11/99	<0.5	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
DW-2	01/12/99	<100	3,600	160	<100	<100	<100	<100	<100	<100	<100	<100	<1,000	<100	<200	<200	<100
DW-3	01/12/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
DW-4	01/12/99	<0.5	26	<0.5	3.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
DW-6	01/13/99	<1.2	31	<1.2	<1.2	<1.2	1.6	<1.2	<1.2	<1.2	1.9	1.3	<12	<1.2	<2.5	<2.5	62
DW-8	01/12/99	<12	610	<12	<12	<12	<12	<12	<12	<12	<12	<12	<125	<12	<25	<25	<12
DW-11	01/12/99	<0.5	17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5

NOTES: 1) The symbol "<" denotes the concentration was "less than" the analytical limit shown.

GEOSYSTEM Consultants, Inc.

TABLE 8

TREATMENT SYSTEM WATER QUALITY - FIRST HALF OF 1999
(All units are $\mu g/\ell$)

WELL NO.[1]	DATE	BROMO-FORM	1,2-DICHLORO-ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO-ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO-PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZENE	CHLORO-ETHANE	VINYL CHLORIDE	1,2-DICHLORO-PROPANE
DW-2	01/12/99	<100[2]	3,600	160	<100	<100	<100	NA	<100	<100	<100	<100	<100	<1,000	<100	<200	<200	<100
DW-8	01/12/99	<12	610	<12	<12	<12	<12	NA	<12	<12	<12	<12	<12	<125	<12	<25	<25	<12
IN-SZ	01/12/99	8,000	1,700	9,900	<250	<250	<250	<250	<250	<250	<250	<250	<500	<2,500	<250	<500	<500	<250
I-1	01/05/99	<100	3,800	180	<100	<100	<100	<100	<100	<100	320	<100	<200	<1,000	<100	<200	<200	<100
	01/19/99	1,800	2,300	1,800	<50	69	<50	<50	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	02/02/99	1,400	2,700	1,100	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	02/16/99	930	1,800	840	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	03/01/99	2,100	2,000	1,600	<250	<250	<250	<250	<250	<250	<250	<250	<500	<2,500	<250	<500	<500	<250
	03/16/99	2,020	2,980	1650	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	03/30/99	1,750	2,700	1720	12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
	04/13/99	425	2,264	421	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
	05/14/99	<0.5	2,275	1259	8.5	136	<0.5	<5.0	10	<0.5	<0.5	<0.5	6.7	<5.0	<0.5	<0.5	<0.5	<0.5
	06/15/99	1,540	2,845	690	23	89	<0.5	1,190	<0.5	<0.5	<0.5	<0.5	12	<5.0	<0.5	0.5	1.6	<0.5
GT-1	01/05/99	<0.5	<0.5	-0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
	01/19/99	<0.5	11	-0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
	02/02/99	<0.5	<0.5	-0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
	02/16/99	<0.5	<0.5	-0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
	03/01/99	<0.5	<0.5	-0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	4.5	<1.0	<1.0	<0.5
	03/16/99	<0.5	<0.5	-0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<1.0	<1.0	<0.5
	03/30/99	<0.5	<0.5	-0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
	04/13/99	<0.5	<0.5	-0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
	05/14/99	<0.5	<0.5	-0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
	06/15/99	<0.5	2.0	-0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	2.9	<5.0	<0.5	<0.5	<0.5	<0.5

NOTES: 1) DW-2 refers to influent concentration of ground water extracted from one Newark aquifer well;
IN-SZ represents composite influent concentration of ground water extracted from all shallow zone wells;
I-1 represents a composite of DW-2, DW-8 and IN-SZ.
GT-1 refers to effluent concentration from the second carbon unit.
2) The symbol "<" denotes the concentration was "less than" the analytical limit shown.

GEOSYSTEM Consultants, Inc.

TABLE 9

MASS OF EDB AND DCA REMOVED FROM GROUND WATER DURING EXTRACTION

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL
VOLUME EXTRACTED (gal.)															
DW-2	4,494,888[1]	4,494,888[1]	4,494,888[1]	4,494,888	3,939,896	2,286,787	3,123,493	3,506,870	3,309,737	3,731,061	3,948,886	4,941,476	7,703,067	3,849,191	58,320,016
DW-8	2,011,201[1]	2,011,201[1]	2,011,201[1]	2,011,201	1,172,824	728,965	1,057,367	1,233,845	3,116,615	2,788,892	2,417,401	2,084,853	--	1,017,396	23,662,962
Shallow Zone	--	--	--	354,774	581,888	294,872	259,494	479,828	461,559	538,878	746,700	631,188	741,121	485,238	5,575,540
TOTAL	6,506,089	6,506,089	6,506,089	6,860,863	5,694,608	3,310,624	4,440,354	5,220,543	6,887,911	7,058,831	7,112,987	7,657,517	8,444,188	5,351,825	87,558,518
AVERAGE EDB CONC. (µg/ℓ)															
DW-2	5,097	1,751	1,030	1,025	532	424	178	235	409	300	268	295	246	120	--
DW-8	59	48	42	15	1,926	8.4	751	102	19	6.7	16.1	3.5	--	6	--
Shallow Zone	--	--	--	7,160	8,300	10,542	7,024	12,317	6,080	4,850	4,898	8,875	10,710	9,900	--
AVERAGE DCA CONC. (µg/ℓ)															
DW-2	12,314	8,679	8,706	11,090	7,087	8,289	7,217	6,884	5,907	6,150	5,600	4,450	3,510	3,600	--
DW-8	10,188	9,825	8,542	4,679	3,118	2,309	2,943	2,023	2,028	1,475	1,480	645	--	610	--
Shallow Zone	--	--	--	1,158	909	1,096	810	1,232	1,217	1,775	1,925	2,875	2,583	1,700	--
EDB MASS REMOVED (lb)	192	66	39	60	77	34	26	57	35	31	40	59	82	44	799
DCA MASS REMOVED (lb)	633	490	470	498	268	175	216	227	221	234	226	210	242	123	4,109

NOTE: (1) Flow totals from 1989 were used for calculations, as no flow data were available.

GEOSYSTEM Consultants, Inc.

TABLE 10

SUMMARY OF SAMPLING QA/QC
FIRST HALF OF 1999
FMC Corporation
8787 Enterprise Drive
Newark, California

Sampling Performed By: Darren Brandner & Rob Acheatel
Geosystem Consultants, Inc.
18218 McDurmott East, Suite G
Irvine, California 92614-6725
(949) 553-8757

Chain of custody forms completed for all samples	☑ Yes	☐ No
Field parameters stabilized prior to taking sample	☑ Yes	☐ No
Zero head space in sample containers (VOCs only)	☑ Yes	☐ No
Samples preserved according to analytical method	☑ Yes	☐ No
Required field QA/QC samples taken	☑ Yes	☐ No

GEOSYSTEM
Consultants, Inc.

TABLE 11

SUMMARY OF ANALYTICAL QA/QC
FIRST HALF OF 1999
FMC Corporation
8787 Enterprise Drive
Newark, California

Analyses Performed By: Sequoia Analytical
1455 McDowell Boulevard, Suite D
Petaluma, California 94954
(707) 792-1865
Contact: Scott Forbes

Analytical Methods Used: Purgeable halocarbons including EDB — EPA Method 8010

Lab is certified for above analytical methods	☑ Yes	☐ No
Analyses performed according to standard methods	☑ Yes	☐ No
Sample holding times met	☑ Yes	☐ No
Analytical results reported for all values of MDL	☑ Yes	☐ No
QA/QC analyses run consistent with analytical methods	☑ Yes	☐ No
QA/QC results meet all acceptance criteria	☑ Yes	☐ No
QA/QC results and acceptance criteria on file	☑ Yes	☐ No

DRAWN BY	TTH
	02/02/98
CHECKED BY	B. Kagel 2-2-98
APPROVED BY	M. Rubin 2-2-98
DWG. NO.	
FILE NAME	
LOCATION	86134-101

NCISCO BAY NATIONAL WILDLIFE REFUGE

SITE

SALT EVAPORATORS

SALT EVAPORATORS

SALT EVAPORATORS

SALT EVAPORATORS

SAN FRANCISCO BAY

MUD

NEWARK

FREMONT

FORMER EX MISSION SAN JOSE

BOUNDARY

Jarvis Landing

Mowry Landing

Dumbarton Point

Drawbridge

Swing Bridge

Pumphouse

Sewage Disposal

Cooling Pond

Salt Refinery

Fire Sta

PO Sta

Civic Center

Newark Pavilion

Muller Sch

Lincoln Sch

Schilling Sch

Bunker Sch

Milani Sch

Golf and Country Club

KGO Radio Towers

Pump Cable Area

Dumbarton Bridge

Newark Slough

Plummer Creek

Mowry Slough

Hetch Hetchy Aqueduct

Pacific Southern

Newark Fremont

Fremont Menlo Park

City City

BM 6

BM 7

BM 8

BM 10

BM 11

BM 12

BM 13

BM 14

BM 15

BM 16

BM 34

SCALE

0 2000 4000 FEET

REFERENCE
U.S.G.S. 7.5 MINUTE SERIES (TOPOGRAPHIC)
MOUNTAIN VIEW, DATED 1961, (PHOTOREVISED 1981)
AND NEWARK, DATED 1959 (PHOTOREVISED 1980)
SCALE 1:24000

FIGURE 1

SITE LOCATION MAP

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM Consultants, Inc.

DRAWN BY	DCH	CHECKED BY		DWG. NO.	86134-023
	2-7-90	APPROVED BY		FILE NAME	SITE200

LEGEND

- SHALLOW ZONE MONITORING WELL LOCATION
- SHALLOW ZONE EXTRACTION WELL LOCATION
- NEWARK AQUIFER WELL LOCATION
- ABANDONED NEWARK AQUIFER WELL LOCATION
- BEDROCK/AQUITARD WELL LOCATION
- SOIL BORING LOCATION
- PROPERTY LINE

REFERENCES:

BASE MAP FROM ALAMEDA COUNTY ASSESSOR'S MAP 92 AT 1"=200 FT
SHEET 100 -- DRAWN 12-4-56, REVISED 6-17-66
SHEET 115 -- DRAWN 12-4-56, REVISED 6-23-75
SHEET 116 -- DRAWN 3-17-71, REVISED 1-13-88

WELL LOCATIONS AND WATER LEVEL DATA PROVIDED BY FMC CORPORATION, ASHLAND CHEMICAL COMPANY, ROHIC CHEMICAL CORPORATION, AND JONES HAMILTON COMPANY

SCALE
0 200 400 FEET

B-13C
B-13D
B-13B
W-13
B-13A
SCALE
0 10 20 FEET

W-17
W-18
2N1
2P1
W-12
W-11
W-10
W-9
W-8
HETCH HETCHY RIGHT OF WAY
DW-11
W-15
W-16
W-27
DW-8
W-6
W-28
FMC CORPORATION
FMC OFFICES
W-32
W-31
2P2
W-30
DW-3
W-3
W-4
DW-1
W-5
DW-2
W-36
W-23
EFFLUENT POND
DW-6
W-34
W-26
ASHLAND CHEMICAL COMPANY
2P4
DAS BUILDING
W-7
W-1
GAPPED AREA
DW-4
DW-7
W-22
2P3
W-24
W-21
W-19
W-2
W-25
DW-5
WILLOW STREET
ENTERPRISE DRIVE

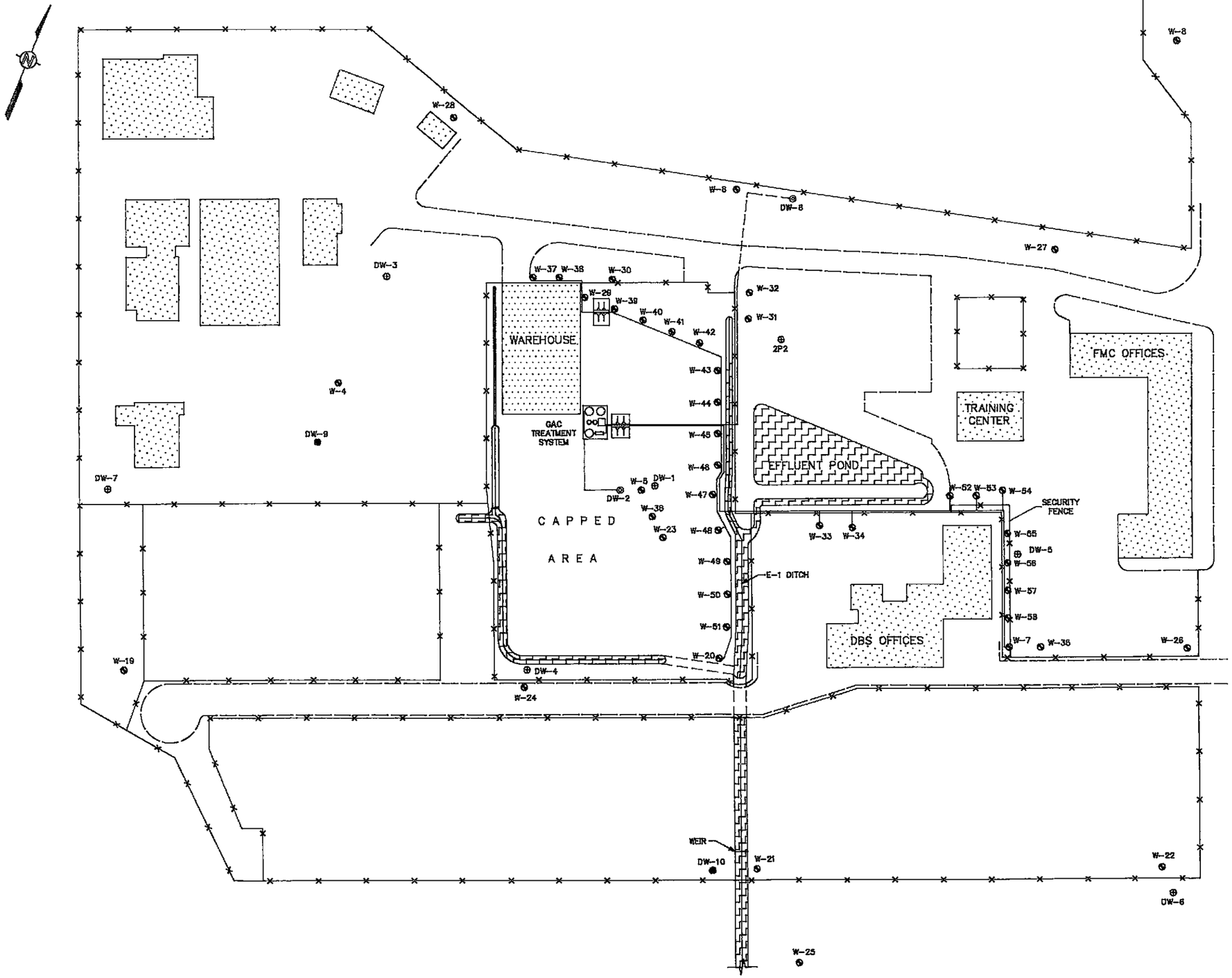
FIGURE 2

SITE PLAN

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM

DRAWN BY	SHS	DWG. NO.	86158-008
CHECKED BY	01/02/90	FILE NAME	SHLWZONE
APPROVED BY			



LEGEND

- EXISTING BUILDING
- SHALLOW ZONE MONITORING WELL
- SHALLOW ZONE EXTRACTION WELL
- NEWARK AQUIFER MONITORING WELL
- NEWARK AQUIFER EXTRACTION WELL
- FORMER INJECTION WELL

SCALE

0 100 200 FEET

FIGURE 3

GROUND WATER REMEDIATION SYSTEM LAYOUT

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM

DRAWN BY	DAB	DWG. NO.	86134-322
	07/22/99		
CHECKED BY		FILE NAME	0199S
APPROVED BY			

FMC CORPORATION

ASHLAND CHEMICAL

JONES-HAMILTON Co.

37445 WILLOW STREET

ENTERPRISE DRIVE

ENTERPRISE STREET

SLURRY WALL

LEGEND

- PROPERTY LINE
- B-16 SHALLOW ZONE EXTRACTION WELL LOCATION
- W-29 SHALLOW ZONE MONITORING WELL LOCATION
- P1 SHALLOW ZONE PIEZOMETER LOCATION
- SHALLOW ZONE EXTRACTION TRENCH LOCATION
- (5.92) GROUND WATER ELEVATION AT WELL IN FEET MSL.
- 6 LINE OF EQUAL GROUND WATER ELEVATION IN FEET MSL.

WELL LOCATIONS AND WATER LEVEL DATA (COLLECTED JANUARY 12, 1998) PROVIDED BY FMC CORPORATION, ASHLAND CHEMICAL COMPANY, 37445 WILLOW STREET, AND JONES-HAMILTON COMPANY.

SCALE

0 250 500 FEET

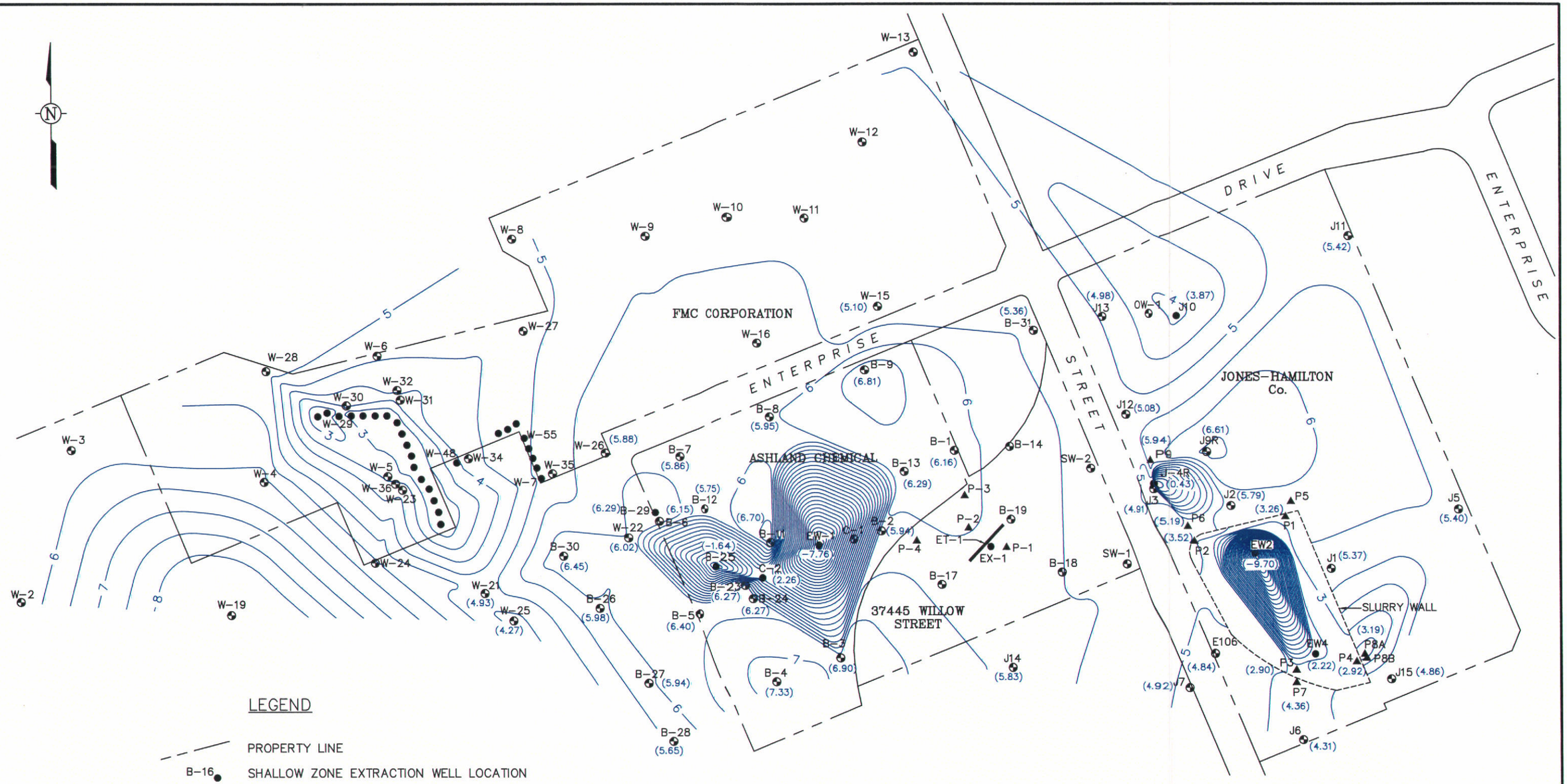
FIGURE 4

GROUND WATER CONTOURS
SHALLOW ZONE
JANUARY 1999

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM Consultants, Inc.

DRAWN BY	DAB	07/22/99
CHECKED BY	RMS	7/23/99
APPROVED BY	DPW	7/23/99
DWG. NO.	86134-324	
FILE NAME	0499S	



LEGEND

- PROPERTY LINE
- B-16 SHALLOW ZONE EXTRACTION WELL LOCATION
- W-29 SHALLOW ZONE MONITORING WELL LOCATION
- P1 SHALLOW ZONE PIEZOMETER LOCATION
- SHALLOW ZONE EXTRACTION TRENCH LOCATION
- (5.92) GROUND WATER ELEVATION AT WELL IN FEET MSL.
- 6 LINE OF EQUAL GROUND WATER ELEVATION IN FEET MSL.

WELL LOCATIONS AND WATER LEVEL DATA (COLLECTED APRIL 13, 1998) PROVIDED BY FMC CORPORATION, ASHLAND CHEMICAL COMPANY, 37445 WILLOW STREET, AND JONES-HAMILTON COMPANY.
(FMC WATER LEVELS ESTIMATED BASED ON HISTORICAL DATA.)

SCALE
0 250 500 FEET

FIGURE 5

GROUND WATER CONTOURS
SHALLOW ZONE
APRIL 1999

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM Consultants, Inc.

DRAWN BY	DAB	CHECKED BY		DWG. NO.	86134-323
	07/22/99	APPROVED BY		FILE NAME	0199N

LEGEND

(3.22) DW-8 — NEWARK WELL LOCATION WITH WELL NO. AND WATER TABLE ELEVATION IN FEET MSL.

PROPERTY LINE

—6— ISOPIESTIC LINE (FT MSL)

THORNTON AVENUE

WILLOW STREET

E126 (6.40)

WELLS AVENUE

DRIVE

ENTERPRISE DRIVE

(5.73) DW-11

FMC CORPORATION

(2.82) DW-8

DW-3 (3.76)

(0.38) DW-2

DW-6 (4.85)

DW-4 (3.91)

ENTERPRISE STREET

ASHLAND CHEMICAL

D1 (5.24)

NW-1 (5.96)

37445 WILLOW STREET

JONES-HAMILTON Co.

(6.65) U16

2Q2

(6.87) J8

CABOT CT.

CENTRAL AVENUE

E61

E60

SCALE

0 400 800 FEET

REFERENCES:

BASE MAP FROM ALAMEDA COUNTY ASSESSOR'S MAP 92 AT 1"=200 FT.
SHEET 100 - DRAWN 12-4-56, REVISED 6-17-86
SHEET 115 - DRAWN 12-4-56, REVISED 6-23-75
SHEET 116 - DRAWN 3-17-71, REVISED 1-13-88

WELL LOCATIONS AND WATER LEVEL DATA (COLLECTED JANUARY 12, 1999) PROVIDED BY FMC CORPORATION, ASHLAND CHEMICAL COMPANY, 37445 WILLOW STREET, AND JONES-HAMILTON COMPANY.

FIGURE 6

PIEZOMETRIC SURFACE
NEWARK AQUIFER
JANUARY 1999

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM Consultants, Inc.

DRAWN BY	DAB	CHECKED BY	RM4	DWG. NO.	86134-330
	07/22/99	APPROVED BY	[illegible]	FILE NAME	0499N

LEGEND

(3.22) DW-8 NEWARK WELL LOCATION WITH WELL NO. AND WATER TABLE ELEVATION IN FEET MSL.

PROPERTY LINE

—6— ISOPIESTIC LINE (FT MSL)

SCALE

0 400 800 FEET

THORNTON AVENUE

WILLOW STREET

WELLS AVENUE

ENTERPRISE DRIVE

ENTERPRISE DRIVE

CABOT CT.

CENTRAL AVENUE

E126

DW-11

FMC CORPORATION

DW-8

DW-3

DW-2

DW-4

DW-6

ASHLAND CHEMICAL

D1 (6.30)

NW-1

37445 WILLOW STREET

JONES-HAMILTON Co.

J16

2Q2

(8.17) J8

E61

E60

REFERENCES:

BASE MAP FROM ALAMEDA COUNTY ASSESSOR'S MAP 92 AT 1"=200 FT.
SHEET 100 - DRAWN 12-4-56, REVISED 6-17-86
SHEET 115 - DRAWN 12-4-56, REVISED 6-23-75
SHEET 116 - DRAWN 3-17-71, REVISED 1-13-88

WELL LOCATIONS AND WATER LEVEL DATA (COLLECTED APRIL 13, 1999) PROVIDED BY FMC CORPORATION, ASHLAND CHEMICAL COMPANY, 37445 WILLOW STREET, AND JONES-HAMILTON COMPANY.
(FMC WATER LEVELS ESTIMATED FROM HISTORICAL DATA.)

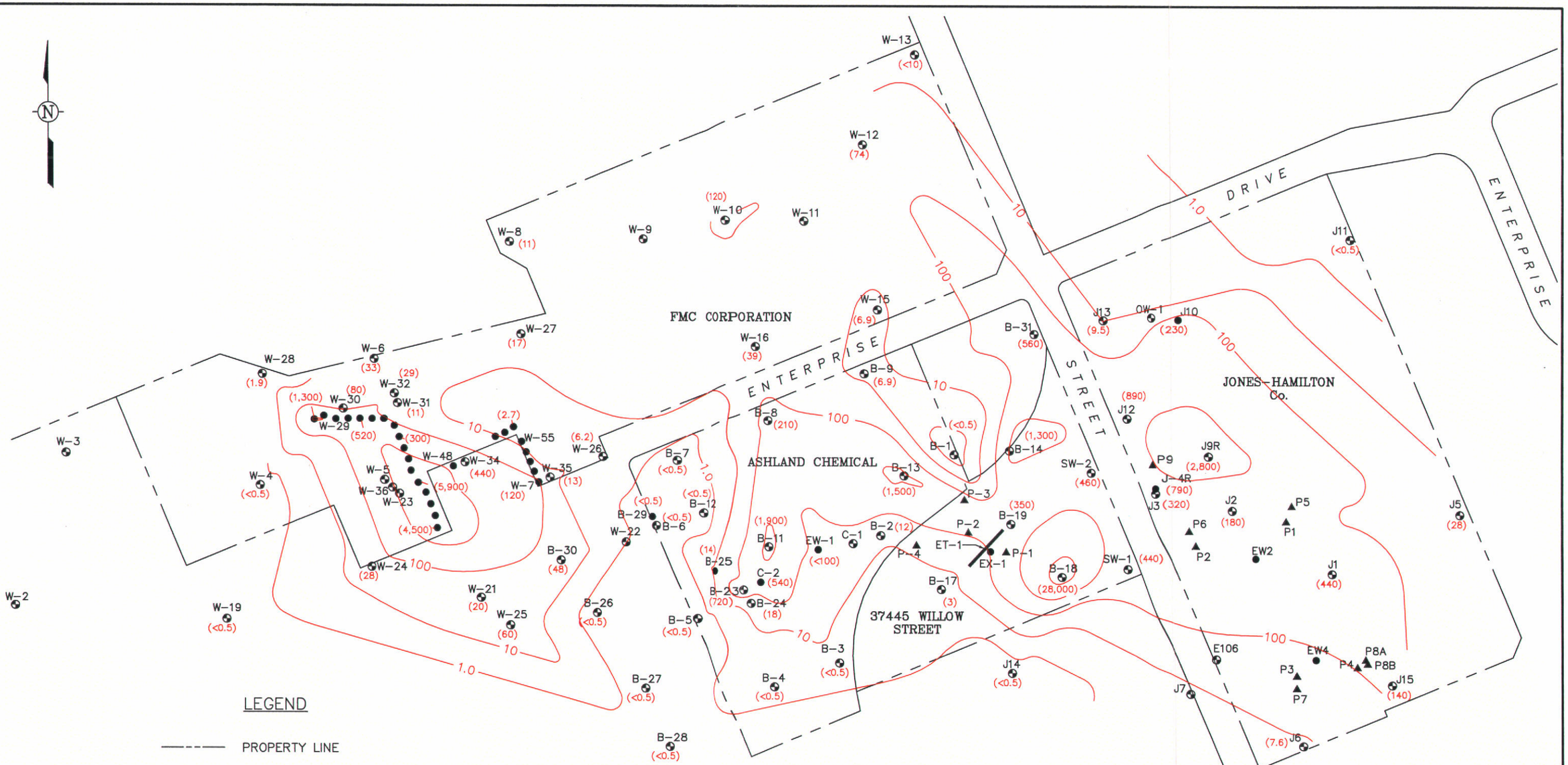
FIGURE 7

PIEZOMETRIC SURFACE
NEWARK AQUIFER
APRIL 1999

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM Consultants, Inc.

DRAWN BY	DAB	CHECKED BY	Rua	DWG. NO.	86134-326
	07/11/99	APPROVED BY	[illegible]	FILE NAME	DCAS1H99



LEGEND

- PROPERTY LINE
- B-16 ● SHALLOW ZONE EXTRACTION WELL LOCATION
- W-29 ⊗ SHALLOW ZONE MONITORING WELL LOCATION
- P1 ▲ SHALLOW ZONE PIEZOMETER LOCATION
- SHALLOW ZONE EXTRACTION TRENCH LOCATION
- (190) 1,2-DICHLOROETHANE CONCENTRATION AT WELL IN µg/l
- 10 1,2-DICHLOROETHANE CONCENTRATION IN µg/l

NOTE: A VALUE OF 1/2 TIMES THE DETECTION LIMIT WAS USED TO GENERATE ISOCONCENTRATIONS AT WELLS IN WHICH THE 1,2-DICHLOROETHANE CONCENTRATION WAS BELOW THE DETECTION LIMIT.

SCALE
0 250 500 FEET

FIGURE 8

1,2-DCA ISOCONCENTRATIONS
SHALLOW ZONE
JANUARY 1999

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM Consultants, Inc.

DRAWN BY	DAB	CHECKED BY		DWG. NO.	86134-328
	07/22/99	APPROVED BY		FILE NAME	EDBS1H99

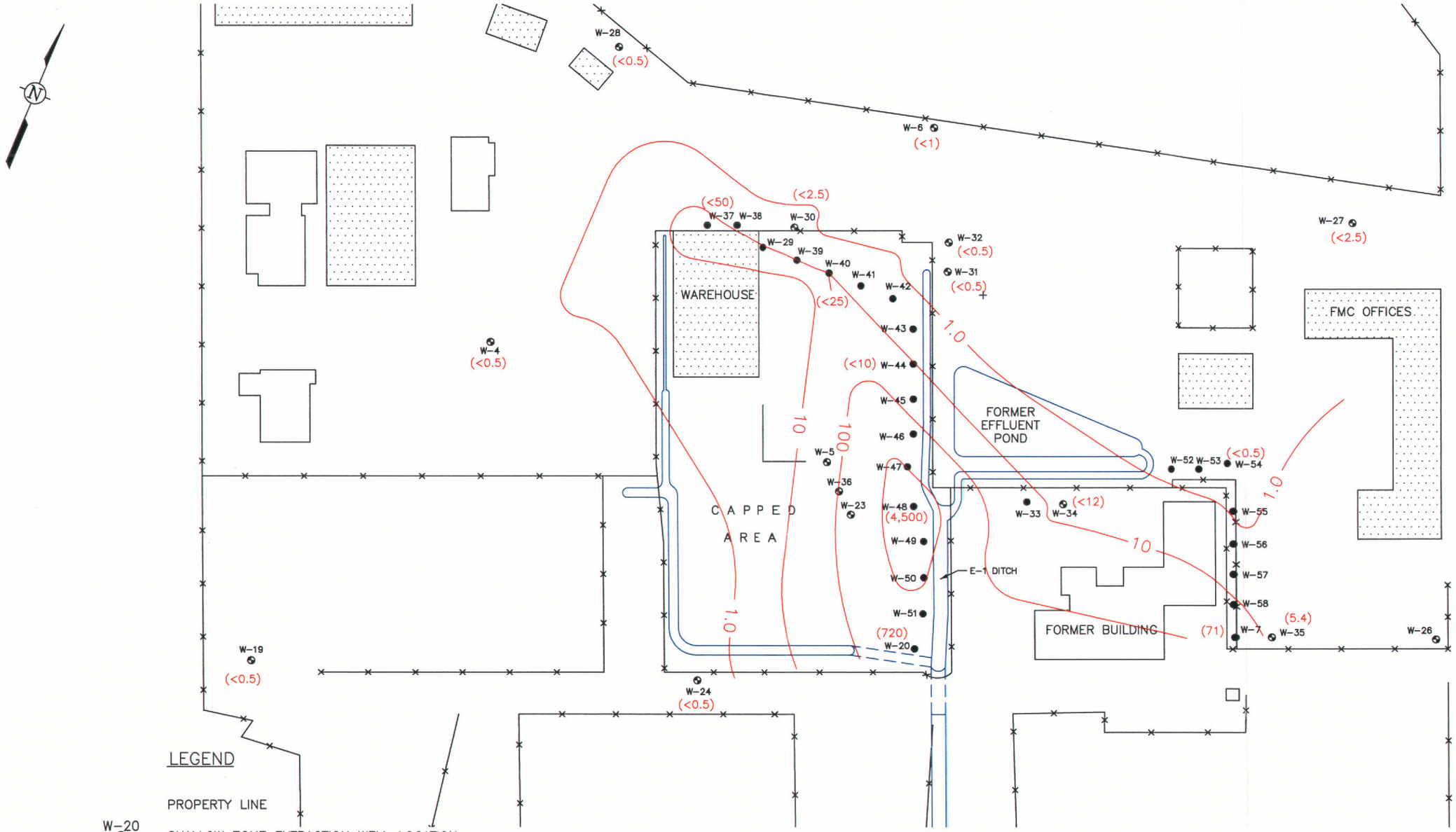


FIGURE 9

EDB ISOCONCENTRATIONS
SHALLOW ZONE
JANUARY 1999

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM Consultants, Inc.

DRAWN BY	DAB	CHECKED BY		DWG. NO.	86134-325
	07/22/99	APPROVED BY		FILE NAME	DCAN1H99

N

THORNTON AVENUE

WILLOW

E126

WELLS AVENUE

DRIVE

ENTERPRISE

DRIVE

(17)
DW-11
FMC CORPORATION

DW-8
(610)

100

(31)
DW-6

DW-3
(<0.5)

(3,600)
DW-2

DW-4
(26)

ENTERPRISE

ASHLAND CHEMICAL

(280)
D1

NW-1
(<0.5)

10

37445 WILLOW STREET

1.0

STREET

J16
(<0.5)

JONES-HAMILTON Co.

2Q2

(<0.5)
J8

CABOT CT.

CENTRAL AVENUE

E60

E61

SCALE
0 400 800 FEET

LEGEND

(<0.5)
DW-3 NEWARK WELL LOCATION WITH WELL NO. AND 1,2-DICHLOROETHANE CONCENTRATION AT WELL IN $\mu g/l$.

PROPERTY LINE

—10— 1,2-DICHLOROETHANE ISOCONCENTRATION IN $\mu g/l$.

NOTE: A VALUE OF 1/2 TIMES THE DETECTION LIMIT WAS USED TO GENERATE ISOCONCENTRATIONS AT WELLS IN WHICH THE CONCENTRATION WAS BELOW THE DETECTION LIMIT.

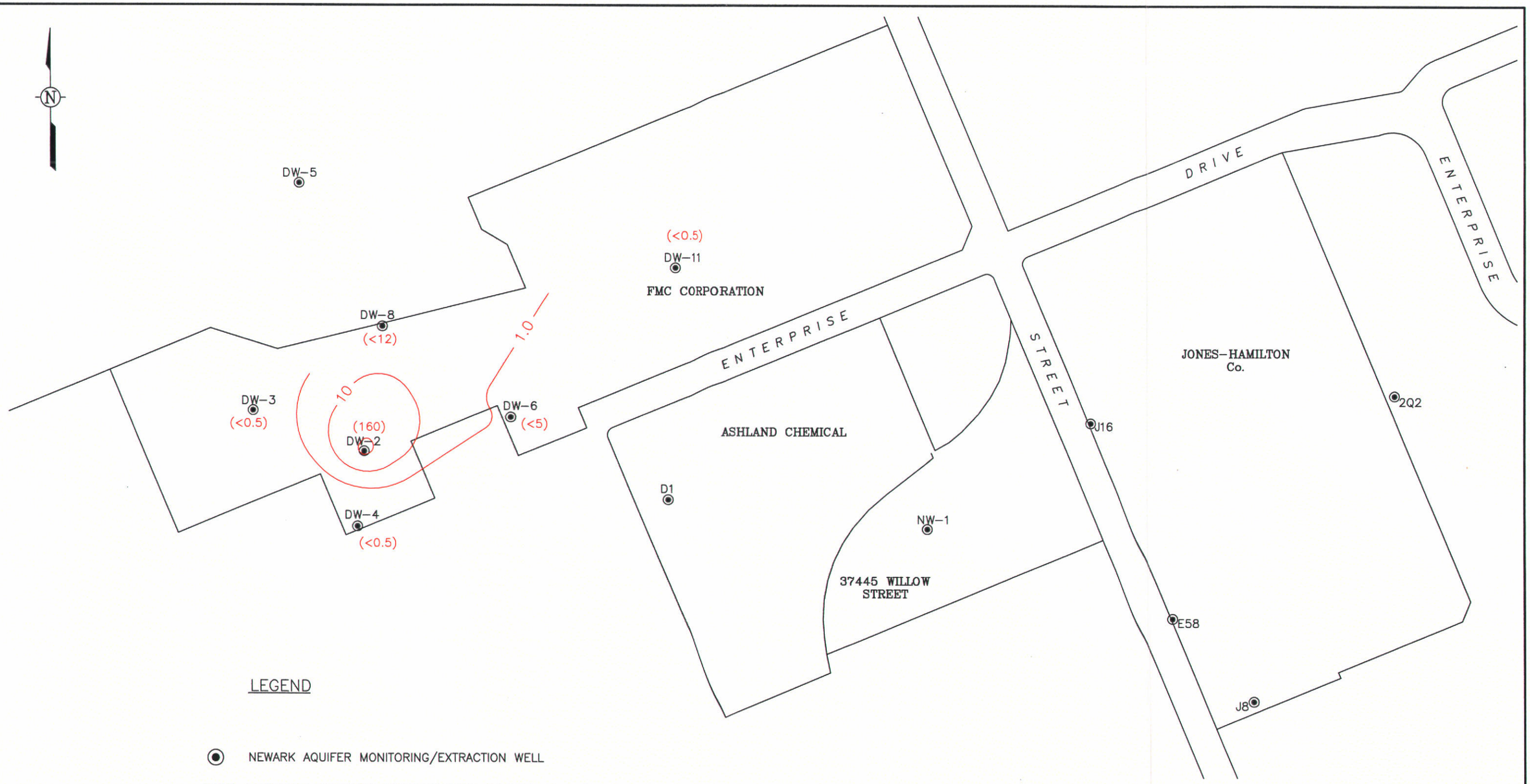
FIGURE 10

1,2-DCA ISOCONCENTRATIONS
NEWARK AQUIFER
JANUARY 1999

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM Consultants, Inc.

DRAWN BY	DAB	CHECKED BY		DWG. NO.	86134-329
	07/22/99	APPROVED BY	H. Mabe 7-12-99	FILE NAME	EDBN1H99



LEGEND

- ◉ NEWARK AQUIFER MONITORING/EXTRACTION WELL
- (180) ETHYLENE DIBROMIDE CONCENTRATION AT WELL IN µg/l
- —10— ETHYLENE DIBROMIDE ISOCONCENTRATION IN µg/l

NOTE: A VALUE OF 1/2 TIMES THE DETECTION LIMIT WAS USED TO GENERATE ISOCONCENTRATIONS AT WELLS IN WHICH THE CONCENTRATION WAS BELOW THE DETECTION LIMIT.

SCALE
0 250 500 FEET

FIGURE 11

EDB ISOCONCENTRATIONS
NEWARK AQUIFER
JANUARY 1999

FMC CORPORATION
NEWARK, CALIFORNIA

GEOSYSTEM Consultants, Inc.

APPENDIX A

FIELD WATER QUALITY/SAMPLING RECORDS

WATER LEVEL RECORD

PROJECT NAME FMC
PROJECT NUMBER 86-134.27
PROJECT LOCATION NEWARK, CA
DATE 1/12/99
MEASURED BY DB/EA
INSTRUMENT USED SOLINIST
REMARKS

WELL NO.	REFERENCE ELEVATION (feet)	DEPTH TO WATER (feet)	TIME	GROUND WATER ELEVATION (feet)	REMARKS (Pumping Conditions, ect.)
W-4	10.64	6.39		4.25	
W-6	10.75	7.38		3.37	
W-7	8.83	4.96		3.87	
W-8	11.08	7.93		3.15	
W-10	14.68	11.19		3.49	
W-12	13.23	9.85		3.38	
W-13	12.02	8.92		3.10	
W-19	13.93	6.73		7.20	
W-24	8.34	3.32		5.02	
W-27	7.08	3.51		3.57	
W-28	7.65	4.12		3.53	
W-30	9.87	6.79		3.08	
W-31	9.93	6.89		3.04	
W-32	8.23	4.99		3.24	
W-34	7.12	3.13		3.99	
W-35	6.72	2.51		4.21	
W-54	6.92	3.24		3.68	
DW-2	9.50	9.12		0.38	
DW-3	8.96	5.20		3.76	
DW-4	12.45	8.54		3.91	
DW-6	6.84	1.99		4.85	
DW-8	6.44	3.62		2.82	
DW-11	10.50	6.93		3.57	

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-4
DATE COLLECTED 1/18/99
TIME COLLECTED 11:30

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	59.4	6.90	6,470	Clear		
1	60.0	6.98	6,460	Cloudy		
2	60.5	7.13	6,080	"		
3	61.0	7.20	5,960	"		
4						

REMARKS: Purge Vol. = 30 gallons
D.T.W. = 6.39 T.D. = 21.5'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-6
DATE COLLECTED 1/12/99
TIME COLLECTED 10:35

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	56.8	7.94	1610	Clear		
1	57.5	7.78	1710	"		
2	57.9	7.76	1760	"		
3	58.2	7.79	1820	"		
4						

REMARKS: Purge Vol. = 22 gallons
D.T.W.: 7.38' T.D. = 18.0'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-7
DATE COLLECTED 11/13/99
TIME COLLECTED 16:00

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DB/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	56.0	8.12	2050	clear		
1	57.6	7.94	2,180	"		
2	59.3	7.74	2,200	pl. Cloudy		
3	60.4	7.62	2,120	" "		
4						

REMARKS: Purge Vol. = 36 gallons
DTW = 4.96'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-8
DATE COLLECTED 1/12/99
TIME COLLECTED 10:15

PROJECT NAME FMC
PROJECT LOCATION Newark, CA

PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	55.4	7.45	2,060	Clear		
1	56.1	7.46	2,030	"		
2	56.9	7.48	2,030	"		
3	57.9	7.46	2,040	"		
4						

REMARKS: Purge Vol. = 22 gallons
D.T.W. = 7.93' T.D. = 19.5'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-10
DATE COLLECTED 1/12/99
TIME COLLECTED 9:55

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		µmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0*	48.8	8.06	1790	pt. cloudy		
1	49.8	7.79	2010	Clear		
2	51.4	7.67	2030	"		
3	53.2	7.63	2090	"		
4						

REMARKS: Purge Vol. = 20 gal
D.T.W. = 11.19 T.D. = 21.0

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-12
DATE COLLECTED 1/12/99
TIME COLLECTED 8:30

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		µmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	55.1	7.70	4,860	Clear		
1	57.9	7.53	4,850	"		
2	59.7	7.32	6,010	"		
3	60.6	7.21	6,740	"		
4						

REMARKS: Purge Vol = 20 gal
TD = 19.5
DTW = 9.85

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-13
DATE COLLECTED 1/12/99
TIME COLLECTED 8:20

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DM/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	52.9	7.97	5,280	Clear		
1	56.5	7.88	5,950	"		
2	58.7	7.73	5,470	pt. cloudy		
3	59.3	7.60	5,220	" "		
4						

REMARKS: Purge Vol. = 20 Gallons
D.T.W. = 8.92' T.D. = 19.0'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-15
DATE COLLECTED 11/12/99
TIME COLLECTED 8:54

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	53.3	7.33	2760	Clear		
1	54.4	7.33	2940	pt. cloudy		
2	55.2	7.30	2890	Cloudy		
3	55.8	7.25	3050	"		
4						

REMARKS: Purge Vol = 20 gal "QA/QC-1" decon blank
Drw 7.61
TD= 17.5

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-19
DATE COLLECTED 1/12/99
TIME COLLECTED 15:35

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DB/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	56.9	7.68	3640	pt. cloudy		
1	57.3	7.69	3640	Clear		
2	58.1	7.68	3650	"		
3	58.8	7.69	3660	"		
4						

REMARKS: Purge Vol. = 22 gallons
D.T.W. = 6.73' T.D. = 17.5'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-20
DATE COLLECTED 1/13/99
TIME COLLECTED 13:15

PROJECT NAME FMC
PROJECT LOCATION Newark, CA

PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	64.3	7.31	4380	Clear		
1	.	.				
2	.	.				
3	.	.				
4	.	.				

REMARKS: Purge Vol. =

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-24
DATE COLLECTED 1/12/99
TIME COLLECTED 15:45

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DG/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	57.5	7.81	3610	Clear		
1	57.5	7.71	3760	"		
2	58.0	7.66	3720	pt. cloudy		
3	58.2	7.67	3620	"		
4						

REMARKS: Purge Vol. = 34 gallons
D.T.W. = 3.32' T.D. = 20.5'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-27
DATE COLLECTED 1/12/99
TIME COLLECTED 10:25

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DH/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☒

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	56.9	7.66	1860	Clear		
1	57.7	7.69	1790	"		
2	58.0	7.79	1740	"		
3	58.3	7.79	1720	"		
4						

REMARKS: Purge Vol. = 32 gallons
D.T.W = 3.51' T.D = 20.0'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-28
DATE COLLECTED 1/12/99
TIME COLLECTED 10:40

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☒

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	56.8	8.07	1940	clear		
1	57.4	7.53	2130	"		
2	58.4	7.20	2280	"		
3	59.2	7.15	2360	"		
4						

REMARKS: Purge Vol. = 33 gallons
D.T.W. = 4.12' T.D. = 20.5'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-30
DATE COLLECTED 1/12/99
TIME COLLECTED 11:55

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		µmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	58.9	7.51	5920	Cloudy		
1	59.7	7.61	5900	pt. cloudy		
2	60.2	7.63	5540	Clear		
3	60.8	7.95	5150	"		
4						

REMARKS: Purge Vol. = 26 gallons
D.T.W. = 6.79 T.D. = 20.0'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-31
DATE COLLECTED 1/12/99
TIME COLLECTED 12:30

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DB/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		µmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	63.1	7.95	5020	Clear		
1	63.8	7.73	5010	"		
2	65.3	7.70	5330	"		
3	68.4	7.71	5320	"		
4						

REMARKS: Purge Vol. = 50 gallons
D.T.W. = 6.89 T.D. = 18.1'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-32
DATE COLLECTED 1/12/99
TIME COLLECTED 12:05

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☒

WELL PURGE DATA

WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	63.1	8.03	5,400	Clear		
1	63.5	7.90	5,260	"		
2	63.7	7.78	5,080	"		
3	63.8	7.76	5,030	"		
4						

REMARKS: Purge Vol. = 30 gallons
D.T.W. = 4.99' T.D. = 19.8'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-34
DATE COLLECTED 1/13/99
TIME COLLECTED 7:45

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☒

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	50.8	6.82	7790	Clear		
1	50.7	7.50	7040	"		
2	52.0	7.69	6510	"		
3	53.2	7.75	6410	"		
4						

REMARKS: Purge Vol. = 32 gallons
D.T.W. = 3.13' T.D. = 19.8'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-35
DATE COLLECTED 1/13/99
TIME COLLECTED 9:25

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	54.4	7.58	4,000	Clear		
1	54.9	7.41	3,740	"		
2	55.9	7.27	3,520	"		
3	55.1	7.64	3,260	"		
4						

REMARKS: Purge Vol. = 68 gallons
D.T.W. = 2.51' T.D. = 20.1

QA/QC-2 - purge hose decon blank

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-37
DATE COLLECTED 11/13/99
TIME COLLECTED 14:42

PROJECT NAME FMC
PROJECT LOCATION Newark, CA

PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DB/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	61.2	6.45	720,000	clear		
1	.	.				
2	.	.				
3	.	.				
4	.	.				

REMARKS: Purge Vol. =

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-40
DATE COLLECTED 1/13/99
TIME COLLECTED 14:19

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	63.5	7.02	14,580	Clear		
1	.	.				
2	.	.				
3	.	.				
4	.	.				

REMARKS: Purge Vol. =

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-44
DATE COLLECTED 1/13/99
TIME COLLECTED 14:01

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	62.9	7.20	5200	clear		
1	.	.				
2	.	.				
3	.	.				
4	.	.				

REMARKS: Purge Vol. =

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. W-48
DATE COLLECTED 1/13/99
TIME COLLECTED 13:37

PROJECT NAME FMC
PROJECT LOCATION Newark, CA

PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	62.1	6.54	6560	clear		
1	.	.				
2	.	.				
3	.	.				
4	.	.				

REMARKS: Purge Vol. =

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

214

STATION/SAMPLE I.D. W-54
DATE COLLECTED 1/11/99
TIME COLLECTED 4:20

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☒

Pump = Hand-bladder

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	60.9	7.76	1,128	Clear		
1	59.4	7.84	1,772	"		
2	63.6	7.74	1,704	"		
3	63.7	7.69	1,772	"		
4						

REMARKS: Purge Vol. = 30 gal DTW = 3.24

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. OW-3
DATE COLLECTED 11/2/99
TIME COLLECTED 11:15

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE HCl ☐ HNO_3 ☐ H_2SO_4 ☐ NONE ☐

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	56.7	7.76	3970	Clear		
1	59.2	7.69	4,230	"		
2	60.6	7.31	4,480	"		
3	62.1	7.04	4670	"		
4	.	.				

REMARKS: Purge Vol. = 20 gals 2" well
OTW = 5.20
TD = 46'

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. DW-4
DATE COLLECTED 1/12/99
TIME COLLECTED 15:55

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DB/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☒

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	56.8	7.48	3,790	clear		
1	57.7	7.18	4,210	murky "		
2	59.1	7.04	4,560	" "		
3	59.4	6.97	4,700	" "		
4						

REMARKS: Purge Vol. = 26 gal.
DTW 8.54
10:00

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. DW-6
DATE COLLECTED 1/13/99
TIME COLLECTED 10:10

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DB/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☒

WELL PURGE DATA						
WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	53.8	7.72	2,770	Clear		
1	55.1	7.35	3880	"		
2	57.8	7.19	4,460	"		
3	59.8	6.92	5,110	"		
4						

REMARKS: Purge Vol. = 138 gallons
D.T.W. = 1.99' T.D. = 71.5'

DW-2 = 9.12
DW-8 = 3.62

GEOSYSTEM Consultants, Inc.

FIELD WATER QUALITY/SAMPLING RECORD

STATION/SAMPLE I.D. DW-11
DATE COLLECTED 1/12/99
TIME COLLECTED 7:45

PROJECT NAME FMC
PROJECT LOCATION Newark, CA
PROJECT NO. 86-134.27
COLLECTED/RECORDED BY: DA/RA

STABILIZED DATA		
PARAMETER		UNITS
TEMPERATURE		°C
pH		
ELECTRICAL CONDUCTIVITY		μmho/cm
TURBIDITY		NTU

PRESERVATIVE	HCl ☐	HNO_3 ☐	H_2SO_4 ☐	NONE ☑

WELL PURGE DATA

WELL VOLUMES REMOVED	TEMP	pH	EC	APPEARANCE		
0	47.9	6.98	10,320	clear		
1	51.3	7.16	11,890	"		
2	55.6	7.15	14,200	"		
3	58.3	7.12	15,140	"		
4						

REMARKS: Purge Vol = 70.5 125 gallons
DTW 6.93

GEOSYSTEM Consultants, Inc.

GEOSYSTEM
Consultants, Inc.

18218 McDurmott East, Suite G, Irvine, California 92614-6725
(949) 553-8757 • FAX (949) 261-8550

CHAIN OF CUSTODY RECORD

Project Name FMC
Project No. 86-134.27
Location Newark, CA
Project Manager Mohsen Mehran
Sheet 1 of 3 Date January 14, 1998

Sample Identification	Date Sampled	Time Sampled	Sample Description	Grab	Composite	Number of containers	Analysis: 8010 + EDB	Remarks
W-4	1/12/99		WATER	X		2	X	NORMAL T.A.T.
W-6	↓			X		2	X	
W-7	1/13/99			X		2	X	
W-8	1/12/99			X		2	X	
W-10				X		2	X	
W-12				X		2	X	
W-13				X		2	X	
W-19	↓			X		2	X	
W-20	1/13/99			X		2	X	
W-24	1/12/99			X		2	X	
W-27	↓		↓	X		2	X	

	Signature	Company	Date	Time
Collected by		Geosystem Consultants	01/14/99	8:30
Relinquished by		" "	01/14/99	9:00
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by		Sequoia Lab	01/14/99	0900

GEOSYSTEM
Consultants, Inc.

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(949) 553-8757 • FAX (949) 261-8550

CHAIN OF CUSTODY RECORD

Project Name FMC
Project No. 86-134.27
Location Newark, CA
Project Manager Mohsen Mehran
Sheet 2 of 3 Date January 14, 1998

Sample Identification	Date Sampled	Time Sampled	Sample Description	Grab	Composite	Number of containers	Analysis: 8010 + EDB	Remarks
W-28	1/12/99		WATER	X		2	X	
W-30				X		2	X	
W-31				X		2	X	
W-32				X		2	X	
W-34	1/13/99			X		2	X	
W-35				X		2	X	
W-37				X		2	X	
W-40				X		2	X	
W-44				X		2	X	
W-48				X		2	X	
W-54	1/11/99			X		2	X	

	Signature	Company	Date	Time
Collected by		Geosystem Consultants	01/14/99	8:30
Relinquished by		" "	01/14/99	9:00
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by		Fequoia	01/14/99	0980

GEOSYSTEM
Consultants, Inc.

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(949) 553-8757 • FAX (949) 261-8550

CHAIN OF CUSTODY RECORD

Project Name FMC
Project No. 86-134.27
Location Newark, CA
Project Manager Mohsen Mehran
Sheet 3 of 3 Date January 14, 1998

Sample Identification	Date Sampled	Time Sampled	Sample Description	Grab	Composite	Number of containers	Analysis: 8010 + EDB	Remarks
DW-3	1/12/99		WATER	X		2	X	
DW-4	↓			X		2	X	
DW-6	1/13/99			X		2	X	
DW-11	1/12/99			X		2	X	
QA/QC-1	1/12/99			X		2	X	
QA/QC-2	1/13/99			X		2	X	
TRIP BLANK	--	--	↓	-		1	X	

	Signature	Company	Date	Time
Collected by	Rob Allen	Geosystem Consultants	01/14/99	8:30
Relinquished by	Rob Allen	" "	01/14/99	9:00
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by	E O'Manoo	[illegible]	01/14/99	8900

APPENDIX B

HISTORY OF VOLATILE ORGANIC COMPOUNDS IN GROUND WATER

GEOSYSTEM
Consultants, Inc.

TABLE B.1

GROUND WATER QUALITY HISTORY
(All units are $\mu g/\ell$)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-4	04/01/82	ND	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	ND	1.0	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/21/85	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/21/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	03/20/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	04/15/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/23/86	<0.7	2.2	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	2.9	<1	<0.7	<0.5	<0.5	<0.5
	12/23/86	<0.7	1.6	<0.5	11	<0.6	<0.4	<1	20	<0.5	<0.5	34	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	01/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/19/87	<0.5	0.96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/13/87	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/11/87	<0.5	1.0	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	11/04/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/05/87	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	01/13/88	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/12/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/13/88	<1	0.64	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	07/14/88	<1	0.99	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/11/88	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	01/16/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	04/14/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	06/27/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/25/89	<2	<2	<2	<2	<2	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	01/17/91	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/21/91	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	10/28/91	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	02/14/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	05/18/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/26/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	01/15/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/24/93	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-4	03/01/94	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/16/94	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	02/14/95	<2	<0.5	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	<2	<0.5	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	02/14/96	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	08/13/96	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	01/28/97	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	07/08/97	<0.4	0.7	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	01/13/98	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	<0.4	<0.4	<0.4	<0.4
	10/27/98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/12/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
W-5	04/01/82	21,000	NA	2,400	NA	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	22,000	ND	2,800	NA	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	7,600	ND	850	NA	460	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	6,700	ND	1,700	NA	540	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	6,700	8,800	980	NA	440	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	1,900	700	350	NA	77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	3,900	750	180	NA	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/20/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/25/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	100,000	6,100	4,000	<350	7,600	<350	<700	<350	<350	<3,500	<700	<350	<1,400	<700	<3,500	<1,400	<350
	02/25/92	50,000	2,500	<250	<250	3,400	<250	<250	<250	<250	<250	<250	<250	<2,500	<250	<250	<250	<250
	01/27/93	39,000	4,500	5,800	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/13/99	11,000	82,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<50,000	<5,000	<10,000	<10,000	<5,000
W-6	04/01/82	23	NA	2.0	NA	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	2.0	300	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	270	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-6	05/03/85	ND	190	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/06/87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
	01/13/88	ND	63	ND	NA	ND	NA	NA	0.60	NA	NA	NA	NA	NA	NA	NA	NA	2.1
	01/14/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/26/89	<1	150	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	2.1
	08/23/91	<2	140	<2	<1	<1	<1	<2	<1	<1	<2	<1	<1	<4	<1	<2	<2	1.6
	02/21/92	<0.5	82	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	2.3
	09/03/92	<5	120	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	01/22/93	<0.5	130	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	3.5
	08/25/93	<10	140	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	03/02/94	<5	112	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
	08/16/94	<1	62.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	2.90
	02/15/95	<2	120	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	2.1
	08/22/95	<2	230	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	2.1
	02/14/96	<0.4	42	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	1.2
	02/14/96	<0.4	40	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	1.2
	08/13/96	<8	120	<8	<8	<8	<8	<20	<8	<8	<8	<8	<8	<200	<8	<8	<8	<8
	01/28/97	<0.4	110	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	1.5
	07/09/97	<0.4	90	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	1.8
	07/09/97	<1	62	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<10	<1	<2	<2	1.6
	01/14/98	<0.8	94	<0.8	<0.8	<0.8	<0.8	<20	<0.8	<0.8	<0.8	<0.8	<0.8	<4	<0.8	<0.8	<0.8	1.3
	01/12/99	<1	33	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<10	<1	<2	<2	3.7
W-7	04/01/82	13	NA	45	NA	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	15	ND	35	NA	4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	20	ND	50	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	35	ND	71	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	35	ND	70	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	26	17	170	NA	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	23	18	140	NA	0.61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/87	ND	50	59	24	ND	ND	ND	ND	ND	ND	ND	140	ND	NA	ND	ND	ND

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-7	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/89	6.2	200	560	33	<5	<5	<25	<5	<5	<5	<5	89	<5	<5	<5	6.9	<5
	08/28/91	12	120	87	18	<5	<5	<10	<5	<5	44	<5	71	<20	<5	<10	<10	<5
	10/31/91	<20	110	58	30	<10	<10	<20	<10	<10	<20	<10	82	<40	<10	<20	<20	<10
	02/26/92	<0.5	32	21	14	4.7	<0.5	<0.5	<0.5	1.5	<0.5	<0.5	30	<5	<0.5	<0.5	<0.5	<0.5
	05/22/92	15	45	16	14	<0.5	<0.5	<1	1.1	0.70	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	09/10/92	<5	97	10	20	<5	<5	<10	<5	<5	<5	<5	63	<50	<5	<10	<10	<5
	05/25/93	<20	146	57.6	<10	<10	<10	<20	<10	<10	<10	<10	51.8	<100	<10	<20	<20	<10
	08/25/93	10.8	199	104	33.9	<5	<5	<10	<5	<5	<5	<5	127	<50	<5	<10	<10	<5
	11/11/93	<5	167	47.3	18.9	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	149	30.3	<2.5	<5	<5	<2.5
	11/11/93	<5	162	47.4	18.3	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	140	29.7	<2.5	<5	<5	<2.5
	03/02/94	6.3	147	76.1	20.4	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	73.6	<25	<2.5	<5	<5	<2.5
	05/16/94	<1	115	68	15.3	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	56.2	<5	<0.5	<1	<1	<0.5
	05/16/94	<1	106	61.4	15.4	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	52	<5	<0.5	<1	<1	<0.5
	08/17/94	14.0	110.	71.0	27.0	4.50	1.90	<2	2.50	2.60	<1	<1	95.0	4.70	<1	<2	<2	<1
	11/15/94	25	180	110	36	3.2	2.4	<1	2.2	2.6	<1	<1	150	<4	<1	<4	<4	<1
	02/15/95	<20	190	94	45	<9	<7	<13	7.5	<5	<34	<13	120	<25	<7	<52	<18	<5
	02/15/95	15	180	120	32	4.3	<2.5	<5	<2.5	<2.5	<2.5	2.9	110	<25	<2.5	<5	<5	<2.5
	05/31/95	<10	130	<2.5	24	<4.5	<3.5	<6.5	2.8	<2.5	<17	<6.5	100	<12.5	<3.5	<26	<9	<2.5
	08/22/95	13	210	96	24	5.1	1.8	<1.3	2.7	1.4	<3.4	2.5	78	<2.5	<0.7	<5.2	<1.8	<0.5
	11/16/95	<20	200	120	<12	<9	<7	<13	<5	5.1	<34	<13	100	<25	<7	<52	<18	<5
	11/17/95	16	200	130	31	5.5	<1.3	<6.3	<1.3	2.7	<1.3	2.6	88	<12.5	<2.5	<6.3	<2.5	<1.3
	05/14/96	14.8	190	100	30	5.1	1.8	<1	2.8	1.9	<0.4	5.4	91	<10	<0.4	<0.4	2.2	<0.4
	05/14/96	16.3	140	79	26.1	5.7	1.4	<1	2.7	2	<0.4	5.3	59	<10	<0.4	<0.4	2.2	<0.4
	02/13/96	<2	190	<2	23	3.2	<2	<5	9.5	2	<2	4.1	83	<50	<2	<2	3.7	<2
	08/13/96	13	230	110	28	<10	<10	<25	<10	<10	<10	6.5	80	<250	<10	<10	<10	<10
	08/13/96	12	230	120	28	<10	<10	<25	<10	<10	<10	6.9	82	<250	<10	<10	<10	<10
	11/13/96	14	220	120	42	4.7	3.7	<1	<3	2.6	<0.4	5.7	88	<10	<0.4	<0.4	3.5	<0.4
	01/29/97	12	220	110	26	4.3	3.3	<2	5.4	2.7	<0.8	5.2	73	<20	<0.8	<0.8	<0.8	<0.8
	04/09/97	9.3	160	100	24	3.5	3.3	<2[1]	2.8	2.1	<0.8	4.8	50	<20	<0.8	<0.8	1.9	<0.8
	07/09/97	9.5	210	100	28	3.8	4.3	<2	2.8	2	<0.8	6.4	72	<20	<0.8	<0.8	2.9	<0.8
	10/14/97	8.9	180	100	26	3.2	3.5	<2[1]	2.4	2	<0.8	5.4	52	<16	<0.8	<0.8	2.8	<0.8
	01/13/98	6.7	200	88	28	2.3	4	<20	2.6	1.7	<0.8	5.7	58	6.9	<0.8	<0.8	2	<0.8
	04/14/98	<2.5	120	82	20	<2.5	2.6	<5	<2.5	<2.5	<2.5	<2.5	51	<25	<2.5	<5	<5	<2.5
	10/27/98	<5	130	57	20	<5	<5	NA	<5	<5	<5	<5	54	<50	<5	<10	<10	<5
	01/13/99	3.1	120	71	14	<2.5	<2.5	NA	<2.5	<2.5	<2.5	<2.5	42	<25	<2.5	<5	<5	<2.5
W-8	04/01/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	3.0	50	8.0	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	ND	23	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	25	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-8	02/22/85	ND	15	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	13	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	ND	15	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/24/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/12/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/18/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/13/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/26/89	<1	13	<0.5	0.50	<0.5	15	<1	71	0.71	<5	7.2	25	<2	<1	<5	<2	70
	01/22/91	<1	17	<0.5	<0.5	<0.5	26	<1	42	<0.5	<5	13	1.6	<2	<1	<5	<2	60
	08/23/91	<2	12	<2	<1	<1	18	<2	28	<1	<2	11	1.6	8.6	<1	<2	<2	53
	02/20/92	<0.5	11	<0.5	<0.5	<0.5	5.2	<0.5	8.3	<0.5	<0.5	7.1	<0.5	<5	<0.5	<0.5	<0.5	64
	09/02/92	<5	14	<5	<5	<5	7.0	<10	12	<5	<5	<5	<5	<50	<5	<10	<10	79
	01/22/93	<0.5	21	<0.5	<0.5	<0.5	17	<1	20	0.54	<0.5	19	1.8	<5	<0.5	<1	1.9	120
	08/25/93	<10	25.1	<5	<5	<5	8.81	<10	12.3	<5	<5	<5	<5	<50	<5	<10	<10	157
	03/02/94	<5	14.5	<2.5	<2.5	<2.5	12.2	<5	15.8	<2.5	<2.5	8.15	<2.5	<25	<2.5	<5	<5	75.7
	08/17/94	<1	18.0	<0.5	<0.5	<0.5	20.0	<1	16.0	<0.5	<0.5	18.0	2.10	<5	<0.5	<1	<1	61.0
	02/15/95	<4	19	<1	<2.4	<1.8	13	<2.6	12	<1	<6.8	15	<1	<5	<1.4	<10.4	<3.6	97
	08/22/95	<20	49	<5	<12	<9	<7	<13	7.4	<5	<34	30	<5	<25	<7	<52	<18	220
	02/14/96	<0.4	26	<0.4	<0.4	<0.4	5.8	<1	4.5	0.9	<0.4	22	0.7	<10	<0.4	<0.4	<0.4	110
	08/14/96	<4	16	<4	<4	<4	7.2	<10	6.4	<4	<4	15	<4	<100	<4	<4	<4	78
	01/29/97	<0.4	16	<0.4	0.5	<0.4	6.6	<1	4.9	0.4	<0.4	15	<0.4	<10	<0.4	<0.4	<0.4	78
	07/09/97	<0.4	11	<0.4	<0.4	<0.4	6.3	<1	3	<0.4	<0.4	5.9	0.5	<10	<0.4	<0.4	0.6	54
	07/09/97	<0.4	9.9	<0.4	0.5	<0.4	4.4	<1	2.1	0.4	<0.4	2.9	0.6	<10	<0.4	<0.4	0.8	34
	01/14/98	<0.4	11	<0.4	0.87	<0.4	7.6	<12	4.9	0.56	<0.4	11	0.57	<2	<0.4	<0.4	0.81	50
	01/12/99	<1	11	<1	<1	<1	6.5	NA	<1	<1	<1	7.6	<1	<10	<1	<2	<2	52
W-9	04/01/82	3.0	NA	3.0	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	ND	2.0	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	2.6	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/12/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-9	07/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/18/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/26/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/21/91	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	08/27/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
W-10	04/01/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	1.0	ND	2.0	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/85	ND	0.90	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/12/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/10/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/18/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/26/89	<1	0.5	<0.5	<0.5	<0.5	<0.5	<1	0.67	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	01/18/91	<1	<0.5		<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/21/91	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	02/18/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	08/27/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/21/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	03/01/94	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	02/14/95	<2	12	<0.5	<1.2	<0.9	2.9	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	02/13/96	<0.4	26	<0.4	<0.4	<0.4	2.9	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	1.2
	01/28/97	<0.4	87	<0.4	<0.4	<0.4	4.8	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	01/14/98	<0.8	120	<0.8	<0.8	<0.8	6.8	<20	<0.8	<0.8	<0.8	<0.8	<0.8	<4	<0.8	<0.8	<0.8	<0.8
	01/12/99	<2.5	120	<2.5	<2.5	<2.5	5.1		<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
W-11	04/01/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-11	10/30/84	ND	0.30	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/12/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/10/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/15/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/26/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/21/91	<1	21	<0.5	<0.5	<0.5	1.2	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	08/27/92	<0.5	32	<0.5	<0.5	<0.5	1.0	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
W-12	04/01/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/10/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/15/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/23/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	01/17/91	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/23/91	<1	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	02/14/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	09/02/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/20/93	<0.5	0.91	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/24/93	<1	1.72	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	03/01/94	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/16/94	<1	2.10	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	02/14/95	<2	1.9	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	<2	24	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	02/13/96	<0.4	8.8	<0.4	<0.4	<0.4	2.9	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	1.2
	08/14/96	<4	24	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	01/28/97	<0.4	3.8	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	07/08/97	<0.4	19	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<1	<0.4	<0.4

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TABLE B.1
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WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-12	01/13/98	<0.4	16	<0.4	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	<0.4	<0.4	<0.4	<0.4
	10/28/98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/12/99	<2.5	74	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
W-13	04/01/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/10/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/15/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/23/89	<200	<100	<100	4500	<100	<100	<200	680	300	<1,000	430	<100	<400	<200	<1,000	<400	<100
	10/26/89	<50	<50	<50	5,800	<50	76	<250	610	600	<50	1,300	<50	<50	<50	<50	<50	<50
	08/26/91	<1	<0.5	<1	3,500	<0.5	<0.5	<1	530	500	<1	600	<0.5	<2	<0.5	<1	<1	<0.5
	10/30/91	<200	<100	<100	2,200	<100	<100	<200	460	460	<200	660	<100	<400	<100	<200	<200	<100
	02/24/92	<10	26	<10	3,700	<10	31	<10	520	<10	<10	600	<10	<100	<10	<10	<10	<10
	05/21/92	<50	<50	<50	3,600	<50	<50	<100	510	470	<50	390	<50	<500	<50	<100	<100	<50
	08/27/92	<50	<50	<50	3,400	<50	<50	<100	420	330	<50	490	<50	<500	<50	<100	<100	<50
	01/25/93	<0.5	26,000	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/25/93	<25	<25	<25	1,300	<25	<25	<50	98	80	<25	200	<25	<250	<25	<50	<50	<25
	05/25/93	<20	<10	<10	1,800	<10	<10	<20	87.4	49.0	<10	191	<10	<100	<10	<20	<20	<10
	08/25/93	<10	<5	<5	2,900	<5	<5	<10	222	358	<5	<5	<5	<50	<5	<10	<10	<5
	11/11/93	<100	<50	<50	2,990	<50	<50	<100	<50	97.2	<50	156	<50	<500	<50	<100	<100	<50
	03/02/94	<100	<50	<50	1,200	<50	<50	<100	<50	<50	<50	126	<50	<500	<50	<100	<100	<50
	05/17/94	<50	<25	<25	2,120	<25	<25	<50	101	177	<25	110	<25	<250	<25	<50	<50	<25
	05/17/94	<25	<25	<25	1,900	<25	<25	<50	95	180	<25	230	<25	<250	<25	<50	<50	<25
	08/17/94	<100	110.	<50	2,400	<50	<50	<100	160	330	<50	290.	<50	<500	<50	<100	<100	<50
	11/15/94	<50	<50	<400	2,400	<50	<50	<50	190	470	<50	340	<50	<200	<50	<200	<200	<50
	02/15/95	<40	29	<10	730	<18	<14	<26	42	120	<68	130	<10	<50	<14	<104	<36	<10
	05/31/95	<40	39	<10	1,300	<18	25	<26	120	310	<68	210	<10	<50	<14	<104	<36	<10
	08/23/95	<100	<25	<25	1,300	<45	<35	<65	56	190	<170	120	<25	<125	<35	<260	<90	<25
	11/16/95	<100	<25	<25	1,200	<45	<35	<65	72	200	<170	130	30	<125	<35	<260	<90	<25
	02/14/96	<0.4	1.5	<0.4	510	<0.4	11	<1	32	86	<0.4	94	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	05/14/96	<2	10.5	<0.4	390	<0.4	11.5	<1	28	27	<0.4	64	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	08/14/96	<20	44	<20	550	<20	<20	<50	30	88	<20	78	<20	<500	<20	<20	<20	<20
	11/13/96	<4	29	<4	740	<4	15	<10	38	93	<4	130	<4	<100	<4	<4	<4	<4

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WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-13	11/13/96	<4	27	<4	800	<4	15	<10	47	100	<4	120	<4	<100	<4	<4	<4	<4
	04/09/97	<10	36	<10	490	<10	11	<20	24	73	<10	83	<10	<200	<10	<10	<10	<10
	04/09/97	<2	37	<2	490	<2	11	<5	24	82	<2	85	<2	<50	<2	<2	<2	<2
	07/09/97	<2	67	<2	550	<2	9.9	<5	21	86	<2	70	<2	<50	<2	<2	<2	<2
	10/15/97	<2	17	<2	750	<2	12	<5	27	77	<2	92	<2	<40	<2	<2	<2	<2
	01/13/98	<4	7.5	<4	520	<4	5.4	<120	13	45	<4	66	<4	<20	<4	<4	<4	<4
	04/14/98	<10	71	<10	310	<10	<10	<20	<10	37	<10	36	<10	<100	<10	<20	<20	<10
	10/28/98	<10	<10	<10	350	<10	<10	NA	<10	31	<10	44	<10	<100	<10	<20	<20	<10
	10/28/98	<10	<10	<10	380	<10	<10	NA	<10	36	<10	53	<10	<100	<10	<20	<20	<10
	01/12/99	<10	<10	<10	260	<10	<10	NA	<10	26	<10	26	<10	<100	<10	<20	<20	<10
W-15	04/01/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	50	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	1,200	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	3,500	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/12/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/10/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/15/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	<40	2600	<40	<40	<40	<40	<200	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
	02/24/92	<0.5	92	<0.5	<0.5	<0.5	0.92	<0.5	4.8	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	01/29/97	<2	15	<2	410	<2	3.9	<5	9.5	27	<2	31	<2	<50	<2	<2	<2	<2
W-16	04/01/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	0.10	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/12/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-16	07/10/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	<1	0.67	<0.5	<0.5	<0.5	<0.5	<1	1.8	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
W-17	04/01/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/23/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
W-18	04/01/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/23/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
W-19	02/02/82	NA	NA	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/82	3.0	NA	27	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	ND	17	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-19	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	0.50	0.60	0.60	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	0.40	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/85	ND	0.80	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/18/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	01/18/91	<1	<0.5		<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/20/91	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	02/19/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	08/25/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	01/15/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	03/01/94	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	02/14/95	<2	<0.5	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	02/14/96	<0.4	<0.4	<0.4	<0.4	<0.4	11	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	01/28/97	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	01/13/98	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	<0.4	<0.4	<0.4	<0.4
	01/12/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
W-20	04/01/82	120	NA	2,500	NA	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	100	ND	7,800	NA	8.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	110	ND	11,000	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	77	ND	11,000	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	30	180,000	17,000	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/06/84	ND	15,000	29,000	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	10,000	16,000	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	7,500	15,000	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/20/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/25/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

GEOSYSTEM
Consultants, Inc.

TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-20	10/26/89	<200	10,000	6,600	<200	<200	<200	<1,000	<200	<200	<200	<200	580	<200	<200	<200	<200	<200
	08/29/91	<400	7,800	3,900	<200	<200	<200	<400	<200	<200	<400	<200	<200	<800	<200	<400	<400	<200
	10/31/91	<140	1,600	<68	72	<68	<68	<140	<68	<68	<140	<68	150	<270	<68	<140	<140	<68
	02/26/92	<25	2,900	<25	140	<25	<25	<25	<25	<25	<25	<25	250	<250	<25	<25	<25	<25
	05/22/92	<25	2,000	1,300	160	<25	<25	<50	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25
	09/10/92	<250	6,800	1,200	<250	<250	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<500	<250
	01/27/93	40,000	1,300	13,000	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	120	<5	<0.5	<1	<1	<0.5
	05/25/93	<20	6,170	1,370	<10	<10	<10	<20	<10	<10	<10	<10	190	<100	<10	<20	<20	<10
	05/25/93	<100	3,900	760	110	<100	<100	<200	<100	<100	<100	<100	190	<1,000	<100	<200	<200	<100
	08/26/93	<10	9,350	<2,500	<2,500	<5	<5	<10	<5	<5	<5	<5	<2,500	<50	<5	<10	<5,000	<5
	08/26/93	<100	4,800	1,100	130	<100	<100	<200	<100	<100	<100	<100	260	<1,000	<100	<200	<200	<100
	11/11/93	<250	5,540	<125	<125	<125	<125	<250	<125	<125	<125	<125	<125	<1,250	<125	<250	<250	<125
	03/02/94	<250	2,420	<125	<125	<125	<125	<250	<125	<125	<125	<125	247	<1,250	<125	<250	<250	<125
	03/02/94	<250	5,760	348	<125	<125	<125	<250	<125	<125	<125	<125	265	<1,250	<125	<250	<250	<125
	05/17/94	<250	5,220	518	<125	<125	<125	<250	<125	<125	<125	<125	203	<1,250	<125	<250	<250	<125
	08/18/94	<200	7,000.	1400.	240.	<100	<100	<200	<100	<100	<100	<100	880.	<1,000	<100	<200	<200	<100
	11/16/94	<100	6,200	1,200	170	<100	<100	<100	<100	<100	<100	<100	310	<400	<100	<400	<400	<100
	11/16/94	<0.5	6,600	1,300	120	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	280	<2	<0.5	<2	<2	<0.5
	02/15/95	<200	4,000	460	<120	<90	<70	<130	<50	<50	<340	<130	130	<250	<70	<520	<180	<50
	05/31/95	<400	4,400	430	<240	<180	<140	<260	<100	<100	<680	<260	290	<500	<140	<1,040	<360	<100
	05/31/95	<50	3,800	590	160	<50	<50	<100	<50	<50	<50	<50	250	<500	<50	<100	<100	<50
	08/23/95	<400	4,800	610	<240	<180	<140	<260	<100	<100	<680	<260	310	<500	<140	<1,040	<360	<100
	08/23/95	<50	3,400	490	130	<50	<50	<100	<50	<50	<50	<50	190	<500	<50	<100	<100	<50
	11/16/95	<40	3,600	770	290	<18	<14	<26	<10	<10	<68	<26	260	<50	<14	<104	<36	<10
	05/13/96	<2	4800	530	280	<0.4	<0.4	<1	<0.4	5.8	<0.4	3.6	460	27.3	<0.4	1	10.1	<0.4
	08/13/96	<200	4,700	550	380	<200	<200	<500	<200	<200	<200	<200	260	<5,000	<200	<200	<200	<200
	11/13/96	<20	4,000	830	630	<20	<20	<50	<20	<20	<20	<20	350	<500	<20	<20	<20	<20
	02/14/96	<40	4,600	820	270	<40	<40	<100	<40	<40	<40	<40	230	<1,000	<40	<40	<40	<40
	02/14/96	<40	4,300	890	310	<40	<40	<100	<40	<40	<40	<40	240	<1,000	<40	<40	<40	<40
	01/29/97	<16	3,900	570	510	<16	<16	<40	<16	<16	<16	<16	240	<400	<16	<16	<16	<16
	01/29/97	<62	3,700	<62	680	<62	<62	<125	<62	<62	<62	<62	280	<625	<62	<125	<125	<62
	04/10/97	<16	3,700	790	520	<16	<16	<40	<16	<16	<16	<16	280	<400	<16	<16	39	<16
	04/10/97	<16	3,800	810	520	<16	<16	<40	<16	<16	<16	<16	270	<400	<16	<16	24	<16
	07/09/97	<16	5,100	1,200	990	<16	<16	<40	<16	<16	<16	<16	460	<400	<16	<16	33	<16
	10/15/97	<16	4,700	1,500	1,200	<16	<16	<40	<16	<16	<16	<16	460	<320	<16	<16	34	<16
	10/15/97	68	5,500	1,500	1,400	<16	<16	<40	<16	<16	<16	<16	470	<320	<16	<16	38	<16
	01/13/98	<20	4,600	810	1,100	<20	<20	<600	<20	<20	<20	<20	420	130	<20	<20	26	<20
	04/14/98	<100	4,900	730	1,000	<100	<100	<200	<100	<100	<100	<100	370	<1,000	<100	<200	<200	<100
	10/28/98	<100	3,100	390	860	<100	<100	NA	<100	<100	<100	<100	290	<1,000	<100	<200	<200	<100
	01/13/99	<100	4,500	720	1,200	<100	<100	NA	<100	<100	<100	<100	360	<1,000	<100	<200	<200	<100
W-21	04/01/82	ND	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	2.0	ND	2.0	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	10	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-21	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	7.2	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	9.1	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/15/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/23/89	<1	8.3	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/25/89	<1	1.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	01/22/91	<1	7.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/23/91	<1	2.6	<1	<0.5	<0.5	4.6	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	2.4
	10/29/91	<1	5.1	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	02/19/92	<0.5	6.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	05/18/92	<0.5	7.8	<0.5	0.55	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	09/01/92	<0.5	7.7	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
W-22	04/01/82	ND	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	ND	1.4	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	2.2	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	9.7	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	ND	19	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/09/88	<200	<200	<200	<200	<200	200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	01/24/89	<200	<200	<200	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	06/27/89	<200	<200	<200	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	270	<200	<200
	08/28/91	<2	26	<2	3.8	27	23	<10	<2	<2	<2	2.7	<2	<2	4.5	<2	9.3	9.1
	09/08/92	<2	11	<2	5.2	<2	70	<10	3.3	<2	<2	8.3	<2	<2	2.6	50	82	12
W-23	06/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/06/84	570,000	17,000	490,000	NA	23,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-23	10/30/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/09/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-24	03/20/86	<0.7	6.7	<0.5	1.4	<0.6	<0.4	<1	3.1	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	04/14/86	1.7	50	2.6	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	05/14/86	1.0	73	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/23/86	<0.7	42	<0.5	92	<0.6	<0.4	<1	95	<0.5	<0.5	94	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	12/23/86	<0.7	30	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	01/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/19/87	<0.5	37	<0.5	<0.5	<0.5	<0.5	<0.5	90	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/13/87	<0.5	78	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	07/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/10/87	2.0	170	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	11/04/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/05/87	2.2	260	<0.5	<0.5	<0.5	<0.5	<0.5	4.4	<0.5	ND	<0.2	0.6	0.5	NA	<0.5	<0.5	<0.5
	01/12/88	<0.5	29	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/11/88	<1	85	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	07/14/88	1.7	140	<0.5	<0.5	<0.5	<0.5	<1	5.2	<0.5	<5	<1	0.7	<2	<1	<5	<2	<0.5
	10/10/88	6.5	380	<1	<5	<5	<5	<10	<5	<5	<5	<10	<5	<20	<10	<50	<20	<5
	01/18/89	<1	230	<0.5	<0.5	<0.5	<0.5	<1	2.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	04/13/89	<1	230	<0.5	<0.5	<0.5	<0.5	<1	2.1	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	06/26/89	3.0	160	0.65	<0.5	0.7	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/25/89	<4	230	<4	<4	<4	<4	<20	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
	01/22/91	3.8	180	74	<1	<1	<1	<2	<1	<1	<10	<2	14	<4	<2	<10	<4	<1
	08/23/91	<10	160	270	<5	<5	<5	<10	<5	<5	<10	<5	77	63	<5	<10	<10	<5
	10/28/91	5.5	33	77	1.1	<0.5	<0.5	<1	<0.5	<0.5	29	<0.5	20	<2	<0.5	<1	<1	<0,5
	02/18/92	2.1	67	120	4.3	<0.5	<0.5	<0.5	0.57	<0.5	<0.5	<0.5	23	<5	<0.5	<0.5	<0.5	<0.5
	05/19/92	2.5	57	120	2.3	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	16	<5	<0.5	<1	<1	<0.5
	09/02/92	<10	81	92	<10	<10	<10	<20	<10	<10	<10	<10	13	<100	<10	<20	<20	<10
	01/15/93	<0.5	8.6	12	1.3	<0.5	<0.5	<1	<0.5	<0.5	3.7	<0.5	1.2	<5	<0.5	<1	<1	<0.5
	05/25/93	<1	61.0	38.4	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	4.84	<5	<0.5	<1	<1	<0.5
	08/25/93	<10	121	47.9	<5	<5	<5	<10	<5	<5	<5	<5	5.38	<50	<5	<10	<10	<5
	11/11/93	<1	9.51	2.00	0.53	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	1.25	5.05	<0.5	<1	<1	<0.5
	03/01/94	<1	27.7	18.1	1.23	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	1.96	<5	<0.5	<1	<1	<0.5
	05/16/94	<5	40.6	18.3	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	3.72	<25	<2.5	<5	<5	<2.5
	05/16/94	<5	40.4	18.1	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	3.66	<25	<2.5	<5	<5	<2.5
	08/16/94	<1	95.0	49.0	4.0	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	10.0	4.90	<0.5	<1	<1	<0.5
	11/15/94	<2.5	57	24	2.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.8	<10	<2.5	<10	<10	<2.5
	11/15/94	<0.5	64	42	3.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.6	<2	<0.5	<2	<2	<0.5
	02/15/95	<2	29	4.2	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	1	<2.5	<0.7	<5.2	<1.8	<0.5
	02/15/95	<2	29	4.3	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	1.1	<2.5	<0.7	<5.2	<1.8	<0.5
	05/31/95	<4	78	2.6	<2.4	<1.8	<1.4	<2.6	<1	<1	<6.8	<2.6	4.3	<5	<1.4	<10.4	<3.6	<1

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-24	08/22/95	<2	10	<0.5	2.1	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	2.6	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	<2	10	<0.5	2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	2.6	<2.5	<0.7	<5.2	<1.8	<0.5
	11/16/95	<2	110	0.76	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	2.5	<2.5	<0.7	<5.2	<1.8	<0.5
	02/13/96	<0.4	16	0.9	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	05/13/96	<2	26	2.3	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	0.92	<10	<0.4	<0.4	<0.4	<0.4
	08/13/96	<0.4	48	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	1.9	<10	<0.4	<0.4	<0.4	<0.4
	08/13/96	<0.5	34	3.0	1.1	<0.5	<0.5	<1	<0.5	<0.5	2.6	<0.5	1.9	<5	<0.5	<1	<1	<0.5
	11/13/96	<0.4	69	1.3	0.8	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	0.8	<10	<0.4	1.2	<0.4	<0.4
	01/29/97	<0.5	30	<0.5	1.6	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.81	<5	<0.5	<1	<1	<0.5
	01/29/97	<0.4	29	1.9	1.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	0.9	<10	<0.4	0.7	<0.4	<0.4
	04/09/97	<0.4	45	3.6	1.8	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	1.5	<10	<0.4	1.3	<0.4	<0.4
	07/09/97	<0.4	86	0.8	0.5	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	0.8	<10	<0.4	<0.4	<0.4	<0.4
	10/14/97	<0.4	52	14	6	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	4.5	<8	<0.4	1	<0.4	<0.4
	01/13/98	<0.4	46	4.7	3.8	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	1.8	<2	<0.4	<0.4	<0.4	<0.4
	04/13/98	<0.5	24	0.79	1.4	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	10/27/98	<2.5	100	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
	01/12/99	<0.5	28	<0.5	3.9	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	1.3	<5	<0.5	<1	<1	<0.5
W-25	03/20/86	<0.7	2.7	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	04/14/86	<0.7	6.2	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	0.7	<1	<0.7	<0.5	<0.5	<0.5
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/23/86	<0.7	2.7	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	12/23/86	<0.7	5.4	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	01/07/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/19/87	<0.5	5.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/13/87	<0.5	8.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	07/08/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/10/87	<0.5	17.7	<0.5	1.0	<0.5	<0.5	<0.5	<0.5	2.4	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	11/04/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/05/87	<0.5	25	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	01/12/88	<0.5	9.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/11/88	<1	16	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	07/14/88	<1	17	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/10/88	<1	19	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	01/16/89	<1	11	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	04/13/89	<1	17	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	06/23/89	<1	19	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/23/91	<1	16	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	09/01/92	<0.5	33	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
W-26	03/20/86	<0.7	1.7	<0.5	4.1	<0.6	12	<1	4.5	<0.5	<0.5	0.6	<0.5	<1	<0.7	<0.5	<0.5	28
	04/15/86	<0.7	2.0	<0.5	<0.3	<0.6	11	<1	4.1	<0.5	<0.5	0.5	1.2	<1	<0.7	<0.5	<0.5	<0.5
	07/23/86	<0.7	1.3	<0.5	<0.3	<0.6	6.0	<1	1.8	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	12/26/86	<0.7	2.0	<0.5	<0.3	<0.6	13	<1	2.9	1.3	<0.5	1	<0.5	<1	<0.7	<0.5	<0.5	85
	02/19/87	<0.5	1.5	<0.5	<0.5	<0.5	4.2	<0.5	1.0	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	24

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-26	05/13/87	<0.5	1.9	<0.5	<0.5	<0.5	9.7	<0.5	0.87	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	46
	08/10/87	<0.5	2.7	<0.5	<0.5	<0.5	6.4	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	43
	11/05/87	<0.5	6.3	<0.5	<0.5	<0.5	5.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	34
	01/13/88	<0.5	2.5	<0.5	<0.5	<0.5	5.0	<0.5	7.6	<0.5	NA	0.7	<0.5	<0.5	NA	<0.5	<0.5	24
	05/11/88	<1	2.7	<0.5	<0.5	<0.5	0.96	<1	2.1	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/10/88	<2	1.7	<0.5	<1	<1	4.6	<2	<1	<1	<10	<2	<1	<4	<2	<10	<4	37
	01/16/89	<1	1.3	<0.5	<0.5	<0.5	3.5	<1	9.6	<0.5	<5	<1	<0.5	<2	<1	<5	<2	26
	04/13/89	<1	2.1	<0.5	<0.5	<0.5	5.8	<1	0.53	<0.5	<5	<1	<0.5	<2	<1	<5	<2	30
	06/26/89	<1	1.5	<0.5	<0.5	<0.5	5.2	<1	1.0	<0.5	<5	<1	<0.5	<2	<1	<5	<2	26
	07/14/89	<1	2.6	<0.5	<0.5	<0.5	6.5	<1	0.88	<0.5	<5	<1	<0.5	<2	<1	<5	<2	20
	01/18/91	<1	2.0		<0.5	<0.5	8.5	<1	<0.5	<0.5	<5	<1	<0.5	2.1	<1	<5	<2	27
	08/23/91	<1	2.6	<1	<0.5	<0.5	4.6	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	2.4
	02/19/92	<0.5	6.6	<0.5	<0.5	<0.5	13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	36
	09/01/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	32
W-27	03/20/86	<0.7	15	<0.5	<0.3	<0.6	3.3	<1	5.4	<0.5	<0.5	15	1.8	<1	<0.7	<0.5	<0.5	130
	04/15/86	<0.7	27	<0.5	<0.3	<0.6	4.6	<1	5.4	<0.5	<0.5	29	1.7	<1	<0.7	<0.5	<0.5	<0.5
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/23/86	<0.7	39	<0.5	<0.3	<0.6	5.3	<1	6.3	<0.5	<0.5	32	1.8	<1	<0.7	<0.5	<0.5	260
	12/26/86	<0.7	62	7.1	<0.3	<0.6	5.8	<1	15	<0.5	<0.5	62	2.9	<1	<0.7	<0.5	<0.5	420
	01/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/30/87	<0.5	<0.5	<0.5	<0.5	<0.5	1.0	<0.5	4.1	<0.5	ND	24	<0.5	<0.5	NA	<0.5	<0.5	180
	02/19/87	<0.5	6.8	<0.5	<0.5	<0.5	0.61	<0.5	1.5	<0.5	ND	13	<0.5	<0.5	NA	<0.5	<0.5	92
	05/13/87	<0.5	41	2.0	<0.5	<0.5	2.3	<0.5	5.4	<0.5	ND	3.5	<0.5	<0.5	NA	<0.5	<0.5	120
	06/30/87	<0.5	72	<0.5	<0.5	<0.5	6.2	<0.5	13	<0.5	ND	28	1.4	<0.5	NA	<0.5	<0.5	150
	07/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/10/87	<0.5	30	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	30	<0.5	<0.5	NA	<0.5	<0.5	210
	11/04/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/05/87	<0.5	74	0.90	<0.5	2.2	3.7	<0.5	2.4	<0.5	ND	2.4	1.6	<0.5	NA	<0.5	<0.5	220
	01/13/88	<0.5	17	<0.5	<0.5	<0.5	3.1	<0.5	3.3	<0.5	NA	15	1.1	<0.5	NA	<0.5	<0.5	130
	05/11/88	<1	50	3.3	<0.5	<0.5	6.9	<1	5.1	<0.5	95	38	1.1	<2	<1	<5	<2	<0.5
	06/17/88	<5	47	<5	<5	<5	<5	<5	<5	<5	<5	34	<5	<5	<5	<5	<5	170
	07/14/88	<10	59	<0.5	<5	<5	<5	<10	<5	<5	<50	41	<5	<20	<10	<50	<20	190
	10/10/88	<5	65	2.7	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<25	40	<2.5	<10	<5	<25	<10	230
	11/22/88	<1	40	0.75	<0.5	<0.5	2.6	<1	3.1	<0.5	<5	27	1.3	<2	<1	<5	<2	200
	01/16/89	<1	38	0.83	<0.5	<0.5	1.9	<1	3.7	<0.5	<5	21	0.99	<2	<1	<5	<2	130
	04/13/89	<1	54	0.53	<0.5	<0.5	2.6	<1	2.7	<0.5	<5	27	1.2	<2	<1	<5	<2	140
	06/26/89	<1	61	2.5	<0.5	<0.5	2.6	<1	3.1	<0.5	<5	28	1.3	<2	<1	<5	<2	190
	01/22/91	<1	27	<0.5	<0.5	<0.5	1.0	<1	0.73	<0.5	<5	26	<0.5	<2	<1	<5	<2	61
	08/26/91	<6.5	28	<6.5	<3.3	<3.3	<3.3	<6.5	<3.3	<3.3	<6.5	23	<3.3	<13	<3.3	<6.5	<6.5	130
	02/19/92	<0.5	26	<0.5	<0.5	<0.5	1.7	<0.5	1.2	<0.5	<0.5	14	0.61	<5	<0.5	<0.5	<0.5	94
	09/02/92	<5	16	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	69
	01/21/93	<0.5	43	1.4	<0.5	<0.5	2.0	<1	1.2	<0.5	<0.5	26	0.63	<5	<0.5	<1	<1	150
	08/25/93	<10	35.6	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	132
	03/02/94	<5	32.1	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	12.8	<2.5	<25	<2.5	<5	<5	139
	03/02/94	<0.5	31	<0.5	<0.5	<0.5	2.1	<1	1.2	<0.5	<0.5	12	1.1	<5	<0.5	<1	<1	130

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-27	08/17/94	<5	53.0	<2.5	<2.5	<2.5	2.50	<5	<2.5	<2.5	<2.5	5.60	<2.5	<25	<2.5	<5	<5	120
	08/17/94	<1	50.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	25.0	<0.5	<5	<0.5	<1	<1	160
	02/15/95	<4	36	<1	<2.4	<1.8	2.1	<2.6	2	<1	<6.8	19	<1	<5	<1.4	<10.4	<3.6	130
	08/22/95	<20	62	<5	<12	<9	<7	<13	<5	<5	<34	24	<5	<25	<7	<52	<18	160
	02/14/96	1.8	19	0.7	<0.4	<0.4	1.7	<1	1.1	<0.4	<0.4	14	<0.4	<10	<0.4	<0.4	<0.4	50
	08/13/96	<8	51	<8	<8	<8	<8	<20	<8	<8	<8	23	<8	<200	<8	<8	<8	140
	01/29/97	<0.4	29	<0.4	<0.4	<0.4	1.9	<1	1.3	<0.4	<0.4	18	<0.4	<10	<0.4	<0.4	<0.4	120
	07/09/97	<0.4	49	<0.4	<0.4	<0.4	2.2	<1	1.2	<0.4	<0.4	19	0.5	<10	<0.4	<0.4	<0.4	130
	07/09/97	<2.5	53	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	27	<2.5	<25	<2.5	<5	<5	160
	01/14/98	<0.4	8.2	<0.4	<0.4	<0.4	0.61	<12	<0.4	<0.4	<0.4	7.1	<0.4	<2	<0.4	<0.4	<0.4	43
	10/28/98	<1.2	11	<1.2	<1.2	<1.2	<1.2	NA	<1.2	<1.2	<1.2	8.3	<1.2	<12	<1.2	<2.5	<2.5	62
	10/28/98	<1.2	11	<1.2	<1.2	<1.2	<1.2	NA	<1.2	<1.2	<1.2	8.7	<1.2	<12	<1.2	<2.5	<2.5	62
	01/12/99	<2.5	17	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5	5.5	<2.5	<25	<2.5	<5	<5	62
W-28	03/29/86	<0.7	<0.3	<0.5	2.6	<0.6	<0.4	<1	3.3	0.50	<0.5	<0.3	<0.5	<1	6.3	<0.5	<0.5	<0.5
	04/15/86	<0.7	0.6	<0.5	<0.3	<0.6	<0.4	<1	1.8	<0.5	<0.5	<0.3	<0.5	<1	1.6	<0.5	<0.5	<0.5
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/23/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	5.4	<0.5	<0.5	<0.5
	12/26/86	<0.7	1.4	<0.5	<0.3	<0.6	<0.4	<1	2.5	<0.5	<0.5	<0.3	<0.5	<1	19	<0.5	7.7	<0.5
	01/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/19/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/13/87	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	07/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/11/87	<0.5	8.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.0	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	11/04/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/05/87	<0.5	11	<0.5	0.50	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	2.7	<0.5	NA	<0.5	<0.5	0.50
	01/13/88	<0.5	8.4	<0.5	<0.5	<0.5	0.9	<0.5	15	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/11/88	<1	22	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	05/12/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/14/88	<20	25	<0.5	<10	<10	<10	<20	<10	<10	<100	<20	<10	<40	<20	<100	<40	<10
	10/10/88	<1	12	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	2.0	<5	<2	<0.5
	01/16/89	<1	11	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	04/13/89	<1	24	<0.5	<0.5	<0.5	<0.5	<1	0.74	<0.5	<5	<1	<0.5	<2	2.4	<5	<2	<0.5
	06/27/89	<1	28	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	4.6	<5	<2	<0.5
	08/26/91	<2.5	13	<2.5	2.7	<1.3	<1.3	<2.5	<1.3	<1.3	<2.5	<1.3	<1.3	<5	1.8	<2.5	<2.5	<1.3
	02/21/92	<0.5	22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	34	<0.5	<0.5	<0.5
	09/04/92	<0.5	9.7	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	5.4	<1	<1	<0.5
	01/25/93	<0.5	2.6	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	48	<1	<1	<0.5
	08/24/93	<1	9.20	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.84	<1	<1	<0.5
	03/01/94	<5	8.05	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
	08/17/94	<0.5	17.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	26.0	<1	<1	<0.5
	02/15/95	<2	9.1	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	11	<5.2	<1.8	<0.5
	08/23/95	<2	9.3	47	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	30	<5.2	<1.8	<0.5
	08/14/96	<4	6.4	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	30	<4	<4	<4
	02/13/96	<0.4	4.7	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	6.9	<0.4	<0.4	<0.4
	01/28/97	<0.4	3.0	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	5.5	<0.4	<0.4	<0.4

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-28	07/08/97	<0.4	3.7	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	01/13/98	<0.4	1.6	<0.4	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	11	<0.4	<0.4	<0.4
	10/28/98	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	19	<1	<1	<0.5
	01/12/99	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
W-29	10/06/87	ND	280	140	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	22	26	ND
	10/06/87	<0.5	280	140	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	22	26	<0.5
	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/89	<5	310	36	<2.5	<2.5	<2.5	<5	<2.5	<2.5	220	<5	<2.5	<10	<5	<25	<10	<2.5
W-30	09/17/87	<25	185	4,600	<25	<25	<25	<25	<25	<25	NA	<10	<25	<25	NA	<25	<25	<25
	10/07/87	ND	1,200	8,900	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
	01/17/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	<1	140	940	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/26/89	<5	280	790	<5	<5	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	14	<5
	08/26/91	<50	530	890	<25	<25	<25	<50	<25	<25	<50	<25	<25	<100	<25	<50	<50	<25
	10/31/91	<40	340	760	<20	<20	<20	<40	<20	<20	<40	<20	<20	<80	<20	<40	<40	<20
	02/25/92	<0.5	26	11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	05/22/92	<0.5	53	100	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	09/03/92	<10	410	300	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	01/27/93	<0.5	360	91	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/24/93	<20	615	90.8	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	08/25/93	<10	1,140	159	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	11/11/93	<1	230	28	<1	<1	<1	160	<1	<1	<1	<1	<1	<10	<1	<2	<2	<1
	11/11/93	<25	358	<12.5	<12.5	<12.5	<12.5	<25	<12.5	<12.5	<12.5	<12.5	<12.5	<125	<12.5	<25	<25	<12.5
	03/02/94	<1	10	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/16/94	<1	39.7	1.94	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/16/94	<5	160	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
	11/15/94	<1	1,500	140	<1	<1	<1	<1	<1	<1	<1	<1	<1	<4	<1	<4	<4	<1
	02/14/95	<40	560	<10	<24	<18	<14	<26	<10	<10	<68	<26	<10	<50	<14	<104	<36	<10
	05/31/95	<4	870	32	<2.4	<1.8	<1.4	<2.6	<1	<1	<6.8	<2.6	<1	<5	<1.4	<10.4	<3.6	<1
	08/22/95	<10	1,600	70	6.8	<4.5	<3.5	<6.5	<2.5	<2.5	<17	<6.5	<2.5	<12.5	<3.5	<26	<9	<2.5
	11/16/95	<10	1,600	23	<6	<4.5	<3.5	<6.5	<2.5	<2.5	<17	<6.5	<2.5	<12.5	<3.5	<26	<9	<2.5
	02/14/96	<40	4,400	<0.4	<40	<40	<40	<100	<40	<40	<40	<40	<40	<1,000	<40	<40	<40	<40
	02/14/96	<50	4,700	<50	<50	<50	<50	<100	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	05/14/96	<2	2100	43	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	3.1	<0.4	<0.4
	08/14/96	<100	3,100	<100	<100	<100	<100	<250	<100	<100	<100	<100	<100	<2,500	<100	<100	<100	<100
	11/13/96	<8	1,600	35	<8	<8	<8	<20	<8	<8	<8	<8	<8	<200	<8	<8	<8	<8
	11/13/96	<8	1,500	32	<8	<8	<8	<20	<8	<8	<8	<8	<8	<200	<8	<8	<8	<8
	01/29/97	<0.8	170	1.0	<0.8	<0.8	<0.8	<2	1.3	<0.8	<0.8	<0.8	<0.8	<20	<0.8	<0.8	<0.8	<0.8
	04/09/97	<0.4	1,100	13	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	1.3	<0.4	<0.4
	04/09/97	<25	1,000	NA[4]	<25	<25	<25	<50	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25
	07/09/97	<4	980	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	10/15/97	<4	1,400	7.4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<80	<4	<4	<4	<4

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-30	01/14/98	<0.4	86	0.81	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	<0.4	<0.4	<0.4	<0.4
	04/14/98	<0.5	5.4	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	10/28/98	<10	320	<10	<10	<10	<10	NA	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	01/12/99	<2.5	80	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
W-31	10/05/87	<0.5	210	0.66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	0.8	<0.5	NA	<0.5	<0.5	<0.5
	01/11/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	<1	7.3	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/26/89	<2	17	<2	<2	<2	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	08/23/91	<1	6.7	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	10/29/91	<1	7.1	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	02/21/92	<0.5	4.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	05/20/92	<0.5	28	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	09/09/92	<0.5	10	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/25/93	7.5	8.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/24/93	<1	51.3	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/24/93	<5	47.1	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
	11/11/93	<1	15.3	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	03/01/94	<1	6.67	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/16/94	<1	5.66	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/16/94	<1	56.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	11/15/94	<0.5	29	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<2	<0.5
	02/14/95	<2	16	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	05/31/95	<2	29	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	<10	1,600	70	6.8	<4.5	<3.5	<6.5	<2.5	<2.5	<17	<6.5	<2.5	<12.5	<3.5	<26	<9	<2.5
	11/16/95	<2	3.4	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	02/13/96	<0.4	59	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	05/13/96	<2	73	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	05/13/96	<1	62	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<10	<1	<2	<2	<1
	08/13/96	<4	110	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	11/13/96	<0.5	32	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	11/13/96	<0.4	28	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	01/28/97	<0.4	7.6	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	04/09/97	<0.4	65	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	04/09/97	<1.2	66	NA	<1.2	<1.2	<1.2	<2.5	<1.2	<1.2	<1.2	<1.2	<1.2	<12	<1.2	<2.5	<2.5	<1.2
	07/09/97	<0.4	85	0.5	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	10/14/97	<0.4	28	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<8	<0.4	<0.4	<0.4	<0.4
	01/13/98	<0.4	38	<0.4	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	<0.4	<0.4	<0.4	<0.4
	04/14/98	<2.5	110	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5.0	<5.0	<2.5
	10/27/98	<1.2	78	<1.2	<1.2	<1.2	<1.2	NA	<1.2	<1.2	<1.2	<1.2	<1.2	<12	<1.2	<2.5	<2.5	<1.2
	01/12/99	<0.5	11	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-32	10/06/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/87	ND	160	ND	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	<1	110	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/26/91	<4	77	<4	<2	<2	<2	<4	<2	<2	<4	<2	<2	<8	<2	<4	<4	<2
	09/03/92	<5	51	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	03/01/94	<0.5	29.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	02/15/95	<0.5	28	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	02/15/95	<2	30	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	02/13/96	<0.4	13	<0.4	<0.4	<0.4	<0.4	<i	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	01/28/97	<0.4	6.7	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	01/13/98	<0.4	27	<0.4	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	<0.4	<0.4	<0.4	1.8
	01/12/99	<0.5	29	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
W-33	10/05/87	<0.5	26	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/89	<1	84	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	6.9	<1	<0.5	<2	<1	<5	<2	<0.5
W-34	10/06/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/87	ND	150	ND	48	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	<1	130	<0.5	<0.5	<0.5	<0.5	<1	2.1	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/26/89	<2	170	<2	<2	<2	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	2.3	<2
	01/22/91	<1	160	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/23/91	<10	490	<10	<5	<5	<5	<10	<5	<5	<10	<5	<5	36	<5	<10	<10	<5
	10/29/91	<1	33	2.3	<0.5	<0.5	<0.5	<1	<0.5	<0.5	4.1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	02/20/92	<0.5	80	<0.5	<0.5	<0.5	<0.5	<0.5	0.58	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	05/19/92	<0.5	47	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	09/02/92	<5	93	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	01/21/93	<0.5	140	0.99	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/24/93	<1	189	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	0.97	<1	<1	<0.5
	08/25/93	<1	169	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	11/11/93	<5	85.5	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
	03/02/94	<10	116	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	05/16/94	<25	170	<12.5	<12.5	<12.5	<12.5	<25	<12.5	<12.5	<12.5	<12.5	<12.5	<125	<12.5	<25	<25	<12.5
	08/17/94	<5	180	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
	11/15/94	<2.5	130	<20	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<10	<2.5	<10	<10	<2.5
	02/15/95	<10	200	<2.5	<6	<4.5	<3.5	<6.5	<2.5	<2.5	<17	<6.5	<2.5	<12.5	<3.5	<26	<9	<2.5
	05/31/95	<2	350	0.62	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	05/31/95	<20	1,600	<5	<12	<9	<7	<13	<5	<5	<34	<13	<5	<25	<7	<52	<18	<5
	08/22/95	<2	36	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	<2	35	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	11/16/95	<2	62	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-34	02/13/96	<2	180	<2	<2	<2	<2	<5	<0.5	<2	<2	<2	<2	<50	<2	<2	<2	<2
	05/13/96	<2.5	99	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
	05/13/96	<2	110	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	08/13/96	<10	56	<10	<10	<10	<10	<25	<10	<10	<10	<10	<10	<250	<10	<10	<10	<10
	08/13/96	<0.5	48	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	1.1	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	11/13/96	<0.4	41	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	11/13/96	<1	49	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<10	<1	<2	<2	<1
	01/28/97	<0.4	85	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	04/09/97	<0.4	230	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	07/09/97	<0.8	240	<0.8	<0.8	<0.8	<0.8	<2	<0.8	<0.8	<0.8	<0.8	<0.8	<20	<0.8	<0.8	<0.8	<0.8
	10/14/97	<0.4	130	<0.4	<0.4	<0.4	<0.4	<1	0.5	<0.4	<0.4	<0.4	<0.4	<8	<0.4	<0.4	<0.4	<0.4
	01/13/98	<0.8	160	<0.8	<0.8	<0.8	<0.8	<20	<0.8	<0.8	<0.8	<0.8	<0.8	<4	<0.8	<0.8	<0.8	<0.8
	04/14/98	<1	59	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<10	<1	<2	<2	<1
	10/28/98	<0.5	36	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/13/99	<12	440	<12	<12	<12	<12	NA	<12	<12	<12	<12	<12	<125	<12	<25	<25	<12
W-35	10/06/87	<0.5	16	16	7.0	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	56	1.0	NA	<0.5	<0.5	<0.5
	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/21/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	<1	9.0	18	4.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	23	<2	<1	<5	<2	<0.5
	10/26/89	<2	7.3	5.9	2.5	<2	<2	<10	<2	<2	<2	<2	17	<2	<2	<2	<2	<2
	01/18/91	<1	6.7		3.1	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	19	<2	<1	<5	<2	<0.5
	08/26/91	<1	5.0	3.2	2.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	10	<2	<0.5	<1	<1	<0.5
	10/28/91	<1	3.7	4.0	2.7	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	12	<2	<0.5	<1	<1	<0.5
	02/20/92	<0.5	6.7	5.5	3.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	<5	<0.5	<0.5	<0.5	<0.5
	05/19/92	<0.5	4.4	4.3	2.9	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	10	<5	<0.5	<1	<1	<0.5
	09/01/92	<0.5	3.6	<0.5	2.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	9.9	<5	<0.5	<1	<1	<0.5
	01/25/93	<0.5	11	3.3	3.6	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	16	<5	<0.5	<1	<1	<0.5
	08/24/93	1.28	17.5	29.4	4.56	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	38.6	<5	<0.5	<1	<1	<0.5
	03/02/94	1.12	31	32.5	6.3	<1	<1	<2	<1	<1	<1	<1	61.9	<10	<1	<2	<2	<1
	08/16/94	4.90	34.0	46.0	11.0	0.90	<0.5	<1	<0.5	1.30	<0.5	<0.5	86.0	<5	<0.5	<1	<1	<0.5
	08/16/94	3.4	25.	32.	8.2	0.69	<0.5	<1	<0.5	<0.5	<0.5	<0.5	53.	<5	<0.5	<1	<1	<0.5
	02/15/95	<2	17	18	8.8	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	42	<2.5	<0.7	<5.2	<1.8	<0.5
	02/15/95	<2	16	18	8.6	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	41	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	3.1	34	26	10	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	64	<2.5	<0.7	<5.2	<1.8	<0.5
	02/13/96	<0.4	19	12	6	<0.4	<0.4	<1	1.1	0.5	<0.4	<0.4	30	<10	<0.4	<0.4	<0.4	<0.4
	08/14/96	<4	26	<4	5.1	<4	<4	<10	<4	<4	<4	<4	47	<100	<4	<4	<4	<4
	01/28/97	0.8	19	13	7.1	<0.4	<0.4	<1	<0.4	0.4	<0.4	<0.4	39	<10	<0.4	<0.4	<0.4	<0.4
	07/09/97	1.8	23	19	6.9	0.6	<0.4	<1	<0.4	0.5	<0.4	<0.4	42	<10	<0.4	<0.4	<0.4	<0.4
	01/13/98	<0.8	<0.8	6.6	5.5	<0.8	<0.8	<24	<0.8	<0.8	<0.8	<0.8	32	<4	<0.8	<0.8	<0.8	<0.8
	10/27/98	<0.5	17	3.4	5.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	39	<5	<0.5	<1	<1	<0.5
	01/13/99	<1.2	13	5.4	4.4	<1.2	<1.2	NA	<1.2	<1.2	<1.2	<1.2	23	<12	<1.2	<2.5	<2.5	<1.2
W-37	10/26/89	<200	10,000	<200	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	08/29/91	<100	500	<10	<50	<50	<50	<100	<50	<50	<100	<50	<50	<200	<50	<100	<100	<50
	10/31/91	<140	3,900	<68	<68	<68	<68	<140	<68	<68	<140	<68	<68	<270	<68	<140	<140	<68

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-37	02/26/92	<5	610	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
	05/22/92	<5	520	0.5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	09/10/92	<10	4,200	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	01/27/93	<0.5	46	<0.5	<0.5	100	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/25/93	<20	6,130	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	05/25/93	<20	6,000	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	08/25/93	<10	3,570	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	11/11/93	<200	4,960	<100	<100	<100	<100	<200	<100	<100	<100	<100	<100	<1,000	<100	<200	<200	<100
	03/02/94	<100	820	<50	<50	<50	<50	<100	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	05/17/94	<100	1,810	<50	<50	<50	<50	<100	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	08/18/94	<10	3,100.	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	11/16/94	<0.5	3,100.	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<2	<0.5
	02/15/95	<20	1,600	<5	<12	<9	<7	<13	<5	<5	<34	<13	<5	<25	<7	<52	<18	<5
	05/31/95	<40	860	<10	<24	<18	<14	<26	<10	<10	<68	<26	<10	<50	<14	<104	<36	<10
	08/22/95	<40	1,000	<10	<24	<18	<14	<26	<10	<10	<68	<26	<10	<50	<14	<104	<36	<10
	11/16/95	<10	1,200	<2.5	<6	<4.5	<3.5	<6.5	<2.5	<2.5	<17	<6.5	<2.5	<12.5	<3.5	<26	<9	<2.5
	02/14/96	<0.4	12	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	02/14/96	<0.4	13	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	05/13/96	<2	510	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	08/13/96	<40	810	<40	<40	<40	<40	<100	<40	<40	<40	<40	<40	<1,000	<40	<40	<40	<40
	11/13/96	<2	740	<2	<2	<2	<2	<5	<2	<2	<2	<2	<2	<50	<2	<2	<2	<2
	01/29/97	<4	800	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	04/10/97	<4	800	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	07/09/97	<4	1,000	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	10/15/97	<0.4	1,000	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<8	<0.4	<0.4	<0.4	<0.4
	10/15/97	<125	730	<125	<125	<125	<125	<250	<125	<125	<125	<125	<125	<1,250	<125	<250	<250	<125
	01/13/98	<4	860	<4	<4	<4	<4	<120	<4	<4	<4	<4	<4	<20	<4	<4	<4	<4
	04/14/98	<25	1,500	<25	<25	<25	<25	<50	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25
	10/28/98	<25	1,300	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25
	01/13/99	<50	1,300	<50	<50	<50	<50	NA	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
W-38	10/30/89	<50	6,000	120	<25	<25	<25	<50	<25	<25	440	<50	<25	<100	<50	<250	<100	<25
W-39	10/30/89	<100	3,100	4,300	<50	<50	<50	<100	<50	<50	5,700	<100	<50	<200	<100	<500	<200	<50
W-40	10/26/89	<50	1,700	5,100	<50	<50	<50	<250	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	08/29/91	<25	310	<10	<13	<13	<13	<25	<13	<13	<25	<13	<13	<50	<13	<25	<25	<13
	10/31/91	<20	460	<10	<10	<10	<10	<20	<10	<10	<20	<10	<10	<40	<10	<20	<20	<10
	02/26/92	<2.5	96	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<2.5
	05/22/92	1.8	37	4.2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	09/10/92	<10	320	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	01/27/93	<0.5	310	2.7	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/25/93	<1	198	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/25/93	<1	0.90	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/25/93	<1	2.56	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	11/11/93	<50	1,380	446	<25	<25	<25	<50	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-40	03/02/94	14.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	03/02/94	15.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/17/94	39	783	<50	<50	<50	<50	<100	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	08/18/94	<50	2,400.	<25	<25	<25	<25	<50	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25
	08/18/94	<100	2,200.	<50	<50	<50	<50	<100	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	11/16/94	<25	6,500	<200	<25	<25	<25	<25	<25	<25	<25	<25	<25	<100	<25	<100	<100	<25
	02/15/95	<2	3,500	1.3	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	05/31/95	<100	2,800	<25	<60	<45	<35	<65	<25	<25	<170	<65	<25	<125	<35	<260	<90	<25
	08/23/95	<100	2,900	<25	<60	<45	<35	<65	<25	<25	<170	<65	<25	<125	<35	<260	<90	<25
	11/16/95	<100	2,100	<25	<60	<45	<35	<65	<25	<25	<170	<65	<25	<125	<35	<260	<90	<25
	02/14/96	<40	3,200	<0.4	<40	<40	<40	<100	<40	<40	<40	<40	<40	<1,000	<40	<40	<40	<40
	05/13/96	2.3	1300	3.9	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	05/13/96	<2	1800	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	08/13/96	<100	350	<100	<100	<100	<100	<250	<100	<100	<100	<100	<100	<2,500	<100	<100	<100	<100
	08/13/96	<100	510	<100	<100	<100	<100	<250	<100	<100	<100	<100	<100	<2,500	<100	<100	<100	<100
	11/13/96	<8	1,200	<8	<8	<8	<8	<20	<8	<8	<8	<8	<8	<200	<8	<8	<8	<8
	01/29/97	<4	920	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	04/10/97	<4	940	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	07/09/97	<4	900	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	10/15/97	<4	860	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<80	<4	<4	<4	<4
	01/13/98	<4	180	<4	<4	<4	<4	<120	<4	<4	<4	<4	<4	<20	<4	<4	<4	<4
	04/14/98	<25	950	<25	<25	<25	<25	<50	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25
	10/28/98	<25	1,100	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25
	01/13/99	<25	520	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25
W-41	10/30/89	<100	4,100	2,100	<50	<50	<50	<100	<50	<50	3,400	<100	<50	<200	<100	<500	<200	<50
W-42	10/30/89	<5	490	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<25	<5	<2.5	<10	<5	<25	<10	<2.5
W-43	10/30/89	<5	380	26	<2.5	<2.5	<2.5	<5	<2.5	<2.5	43	<5	<2.5	<10	<5	<25	<10	<2.5
W-44	10/26/89	<200	2,300	17,000	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	08/29/91	<200	3,700	3,100	<100	<100	<100	<200	<100	<100	<200	<100	<100	<400	<100	<200	<200	<100
	10/31/91	<500	1,600	<250	<250	<250	<250	<500	<250	<250	<500	<250	<250	<1,000	<250	<500	<500	<250
	02/26/92	<5	680	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5
	05/22/92	1,700	2,300	1,700	<50	<50	<50	<100	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	09/10/92	<10	1,300	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	01/27/93	330	3,000	950	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/25/93	<20	8,360	20,300	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	08/25/93	<10	5,670	8,050	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	08/25/93	<50	4,300	4,800	<50	<50	<50	<100	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	11/11/93	1,470	5,410	5,850	<100	<100	<100	<200	<100	<100	<100	<100	<100	<1,000	<100	<200	<200	<100
	03/02/94	<250	4,890	1,950	<125	<125	<125	<250	<125	<125	<125	<125	<125	<1,250	<125	<250	<250	<125
	05/17/94	<250	4,300	823	<125	<125	<125	<250	<125	<125	<125	<125	<125	<1,250	<125	<250	<250	<125
	05/17/94	<50	2,800	1,100	<50	<50	<50	<100	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	08/18/94	<100	5,400.	5,200.	<50	<50	<50	<100	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-44	11/16/94	<100	1,700	1,800	<100	<100	<100	<100	<100	<100	<100	<100	<100	<400	<100	<400	<400	<100
	02/15/95	<2	4,500	520	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	2.9	<0.7	<5.2	17	<0.5
	05/31/95	<200	3,300	190	<120	<90	<70	<130	<50	<50	<340	<130	<50	<250	<70	<520	<180	<50
	05/31/95	<20	260	230	<12	<9	<7	<13	<5	<5	<34	<13	<5	<25	<7	<52	<18	<5
	08/23/95	<40	170	30	<24	<18	<14	<26	<10	<10	<68	<26	<10	<50	<14	<104	<36	<10
	11/16/95	<10	39	<2.5	<6	<4.5	<3.5	<6.5	<2.5	<2.5	<17	<6.5	<2.5	<12.5	<3.5	<26	<9	<2.5
	11/17/95	<0.5	57	1.8	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<1	<2.5	9.2	<0.5
	02/14/96	<40	4,000	<0.4	<40	<40	<40	<100	<40	<40	<40	<40	<40	<1,000	<40	<40	<40	<40
	05/13/96	93	3,300	340	<0.4	10.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	41.3	<0.4
	08/13/96	<200	5,900	1,200	<200	<200	<200	<500	<200	<200	<200	<200	<200	<5,000	<200	<200	<200	<200
	11/13/96	65	5,100	74	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	58	38	<0.4
	01/29/97	1,400	3,500	2,200	<20	110	<20	<50	<20	<20	<20	<20	<20	<500	<20	<20	<20	<20
	04/10/97	65	5,900	530	<20	<20	<20	<50	<20	<20	<20	<20	<20	<500	<20	<20	31	<20
	07/09/97	410	5,700	810	<20	29	<20	<50	<20	<20	<20	<20	<20	<500	<20	<20	33	<20
	07/09/97	390	6,300	740	<20	25	<20	<50	<20	<20	<20	<20	<20	<500	<20	<20	31	<20
	10/15/97	63	3,800	120	<20	<20	<20	<50	<20	<20	<20	<20	<20	<400	<20	<20	<20	<20
	10/15/97	2,200	6,600	1,900	<20	130	<20	<50	<20	<20	<20	<20	<20	<400	<20	<20	25	<20
	01/13/98	8.4	770	13	<2	<2	<2	<60	<2	<2	<2	<2	2	<10	<2	<2	3	<2
	04/14/98	1.0	8.6	1.8	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	10/28/98	<100	3,100	<100	<100	<100	<100	NA	<100	<100	<100	<100	<100	<1,000	<100	<200	<200	<100
	01/13/99	<10	300	<10	<10	<10	<10	NA	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
W-45	10/30/89	<5	320	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	44	<5	<2.5	<10	<5	<25	<10	<2.5
W-46	10/30/89	<20	16,000	<10	<10	<10	<10	<20	<10	<10	220	<20	<10	<40	<20	<100	<40	<10
W-47	10/30/89	5,800	720	<5	<5	280	<5	<10	<5	<5	<50	<10	<5	<20	<10	<50	<20	<5
W-48	10/26/89	130,000	<1,000	<1,000	<1,000	4,800	1,200	<5,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000
	08/29/91	250,000	<10,000	<10	<10,000	<10,000	<10,000	<20,000	<10,000	<10,000	<20,000	<10,000	<10,000	<40,000	<10,000	<20,000	<20,000	<10,000
	10/31/91	200,000	1,600	2,100	<500	11,000	<500	<1,000	<500	<500	<500	<1,000	<500	<500	<2,000	<500	<1,000	<1,000	<500
	02/26/92	76,000	2,400	1,500	<50	8,900	<50	<50	<50	<50	<50	<50	<50	180	<500	<50	<50	<50	<50
	05/22/92	140,000	4,600	2,200	<500	15,000	<500	<1,000	<500	<500	<500	<500	<500	<5,000	<500	<1,000	<1,000	<500
	09/10/92	160,000	<100	270	<100	<100	<100	<200	<100	<100	<100	<100	<100	<1,000	<100	<200	<200	<100
	01/27/93	<0.5	1,300	3,900	87	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	100	<5	<0.5	<1	<1	39
	05/25/93	150,000	2,590	14,400	<10	3,500	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	08/25/93	232,000	<10,000	<2,500	<2,500	<10,000	<2,500	<5,000	<2,500	<2,500	<2,500	<2,500	<10,000	<100,000	<2,500	<5,000	<5,000	<2,500
	11/11/93	236,000	5,150	691	<500	9,890	<500	<1,000	<500	<500	<500	<500	<500	<5,000	<500	<1,000	<1,000	<500
	11/11/93	256,000	5,380	980	<500	9,850	<500	<1,000	<500	<500	<500	<500	<500	<5,000	<500	<1,000	<1,000	<500
	03/02/94	99,400	<5,000	<5,000	<5,000	<5,000	<5,000	<10,000	<5,000	<5,000	<5,000	<5,000	<5,000	<50,000	<5,000	<10,000	<10,000	<5,000
	05/17/94	145,000	<5,000	<5,000	<5,000	6,460	<5,000	<10,000	<5,000	<5,000	<5,000	<5,000	<5,000	<50,000	<5,000	<10,000	<10,000	<5,000
	08/18/94	200,000	9,300.	<500	<500	14,000.	<500	<1,000	<500	<500	<500	<500	<500	<5,000	<500	<1,000	<1,000	<500
	11/16/94	410,000	20,000	15,000	<500	30,000	<500	<500	<500	<500	<500	<500	<500	<2,000	<500	<2,000	<2,000	<500
	11/16/94	360,000	17,000	13,000	<500	26,000	<500	<500	<500	<500	<500	<500	660	<2,000	<500	<2,000	<2,000	<500
	02/15/95	110,000	4,900	26,000	<30	6,300	<17.5	<32.5	<12.5	<12.5	<85	<32.5	120	130	<17.5	<130	<45	<12.5
	05/31/95	69,000	5,600	1,300	<2,400	4,800	<1,400	<2,600	<1,000	<1,000	<6,800	<2,600	<1,000	<5,000	<1,400	<10,400	<3,600	<1,000

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-48	05/31/95	41,000	2,100	970	<1,250	2,200	<1,250	<2,500	<1,250	<1,250	<1,250	<1,250	<1,250	<12,500	<1,250	<2,500	<2,500	<1,250
	08/23/95	96,000	4,400	<2,500	<6,000	<4,500	<3,500	<6,500	<2,500	<2,500	<17,000	<6,500	<2,500	<12,500	<3,500	<26,000	<9,000	<2,500
	08/23/95	78,000	2,500	<1,250	<1,250	2,600	<1,250	<2,500	<1,250	<1,250	<1,250	<1,250	<1,250	<12,500	<1,250	<2,500	<2,500	<1,250
	11/16/95	46,000	3,100	1,400	<240	3,600	<140	<260	<100	<100	<680	<260	190	<500	<140	<1,040	<360	<100
	02/14/96	100,000	7,300	3,800	<800	6,800	<800	<800	<800	<800	<800	<800	<800	<20,000	<800	<800	<800	<800
	05/13/96	77,000	7500	1900	<0.4	6,100	<0.4	<1	<0.4	100	<0.4	140	2700	<10	<0.4	320	130	<0.4
	08/13/96	180	15	5.2	<4	11	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	11/13/96	150,000	19,000	7,500	<200	9,100	<200	<500	<200	<200	<200	<200	490	<5,000	<200	<200	<200	<200
	01/29/97	190,000	21,000	11,000	<800	13,000	<800	<2,000	<800	<800	<800	<800	<800	<20,000	<800	<800	<800	<800
	04/10/97	89,000	12,000	5,300	<400	9,200	<400	<1,000	<400	<400	<400	<400	<400	<10,000	<400	<400	<400	<400
	07/09/97	300	21	10	<0.8	19	<0.8	<2	<0.8	<0.8	<0.8	<0.8	<0.8	<20	<0.8	<0.8	<0.8	<0.8
	10/15/97	160,000	15,000	11,000	<400	11,000	<400	<1,000	<400	<400	<400	<400	<400	<8,000	<400	<400	<400	<400
	10/15/97	140,000	15,000	13,000	<500	15,000	<500	<1,000	<500	<500	<500	<500	<500	<5,000	<500	<1,000	<1,000	<500
	01/13/98	40,000	20,000	11,000	<400	19,000	<400	<12,000	<400	<400	<400	<400	600	<2,000	<400	<400	<400	<400
	04/14/98	46,000	5,000	3,900	<1,250	1,900	<1,250	<2,500	<1,250	<1,250	<1,250	<1,250	<1,250	<12,500	<1,250	<2,500	<2,500	<1,250
	10/28/98	100,000	13,000	9,000	<5,000	<5,000	<5,000	NA	<5,000	<5,000	<5,000	<5,000	<5,000	<50,000	<5,000	<10,000	<10,000	<5,000
	01/13/99	41,000	5900	4500	<2,000	<2,000	<2,000	NA	<2,000	<2,000	<2,000	<2,000	<2,000	<20,000	<2,000	<4,000	<4,000	<2,000
W-49	10/30/89	126,000	2,700	1,100	<50	2,400	<50	<100	<50	<50	3,700	<100	75	<200	<100	<500	<200	<50
W-50	10/30/89	240,000	14,000	1,800	<100	4,000	<100	<200	<100	<100	7,000	<200	<100	<400	<200	<1,000	<400	<100
W-51	10/30/89	<200	5,000	140,000	<100	<100	<100	<200	<100	<100	26,000	<200	<100	<400	<200	<1,000	<400	<100
W-52	10/30/89	<1	29	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.78	<5	<1	<0.5	<2	<1	<5	<2	<0.5
W-53	10/30/89	<1	9.0	<0.5	1.2	<0.5	<0.5	<1	<0.5	3.4	<5	<1	<0.5	<2	<1	<5	<2	<0.5
W-54	10/26/89	<2	7.0	<2	<2	<2	<2	<10	<2	<2	<2	<2	<2	<10	<2	<2	<2	<2
	08/29/91	<1	2.6	<10	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	10/31/91	55	3.2	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<5	<2.5	<2.5	<10	<2.5	<5	<5	<2.5
	02/26/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	05/22/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	09/10/92	<0.5	4.9	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/27/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/24/93	<1	1.90	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/25/93	<1	2.18	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	11/11/93	<1	3.15	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	03/02/94	<1	1.76	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/17/94	<1	1.18	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/17/94	<1	4.90	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	11/15/94	<0.5	3	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<2	<0.5
	02/15/95	420	12	11	<1.2	11	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	05/31/95	<2	1.9	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	<2	1.7	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	11/16/95	<2	1.9	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
W-54	02/13/96	<0.4	2	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	05/13/96	<2	0.94	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	08/13/96	<0.4	2.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	11/13/96	1.2	2.8	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<1.5	<2.4	<0.4
	01/29/97	<0.4	2.5	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	04/09/97	<0.4	2	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	07/09/97	<0.4	3.1	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	10/15/97	<0.4	3.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<8	<0.4	<0.4	<0.4	<0.4
	01/13/98	<0.4	2.9	<0.4	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	<0.4	<0.4	<0.4	<0.4
	04/14/98	4.1	1.9	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	10/27/98	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/11/99	<0.5	2.7	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
W-55	10/30/89	<1	8.9	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
W-56	10/30/89	<1	7.8	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
W-57	10/30/89	<1	53	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	64	<2	<1	<5	<2	<0.5
W-58	10/30/89	870	97	<2.5	6.6	86	<2.5	<5	<2.5	4.7	<25	<5	70	<10	<5	<25	<10	<2.5
DW-1	02/09/82	20	370	300	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/06/82	3.0	NA	38	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/13/82	ND	440	18	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/02/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/15/82	ND	50	30	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/16/82	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/19/82	ND	50	30	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/21/82	ND	ND	70	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/83	70	ND	5.0	NA	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/24/83	30	ND	13	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/19/83	5.0	ND	5.0	NA	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/05/83	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/06/84	ND	410	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	ND	990	140	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	150	3.4	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/85	ND	770	110	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	230	31	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	ND	500	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/13/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/19/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-1	01/20/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/25/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	<1	460	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	0.61	<2	<1	9.8	2.0	<0.5
	08/28/91	<2.5	76	<2.5	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<2.5	<1.3	<1.3	<5	<1.3	7.9	<2.5	<1.3
	09/09/92	<1	43	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<10	<1	<2	<2	<1
DW-2	02/09/82	2,400	3,100	3,000	NA	220	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/06/82	360	NA	1,500	NA	63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/13/82	33	38,000	560	NA	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/02/82	140	100	1,060	NA	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/15/82	400	70	1,900	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/16/82	4,400	18,000	4,100	NA	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/19/82	800	30,000	4,200	NA	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/21/82	500	ND	1,800	NA	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/83	8,200	ND	500	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/24/83	1,900	ND	4,400	NA	84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/19/83	810	ND	2,200	NA	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/83	5,400	ND	6,600	NA	510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/05/83	5,400	ND	6,600	NA	510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/06/84	1,700	45,000	3,800	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/01/84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	1,700	35,000	4,300	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	1,600	20,000	3,000	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/85	3,300	16,000	2,000	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	2,900	24,000	3,600	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/01/85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	2,200	19,000	2,600	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/29/86	<700	17,000	1,800	<300	<600	<400	<1,000	<400	<500	<500	<300	<500	<1,000	<700	<500	<500	<500
	02/27/86	4,300	21,000	7,500	<75	160	<100	<250	<100	<125	<125	<75	<125	<250	<175	<125	<125	<125
	03/06/86	4,600	19,000	7,900	<150	330	<200	<500	<200	<250	<250	<150	580	<500	<350	<250	<250	<250
	03/17/86	4,700	13,000	5,600	<30	250	<40	<100	<40	<50	<50	<30	<50	<100	<70	<50	28	<50
	04/03/86	3,100	14,000	7,700	<30	85	<40	<100	<40	<50	<50	<30	<50	<100	<70	<50	<50	<50
	05/02/86	4,200	17,000	9,100	<150	<300	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	05/30/86	3,300	11,000	11,000	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	06/12/86	900	12,000	4,200	<150	<300	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	06/27/86	350	13,000	7,400	<150	<300	<200	<500	<200	1,600	<250	<150	210	<500	<350	<250	<250	<250
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/09/86	2,600	13,000	7,000	<150	<300	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	07/23/86	3,900	20,000	7,800	<150	<300	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	08/05/86	340	10,000	2,200	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	7.0	<1	<0.7	<0.5	<0.5	<0.5
	08/20/86	2,200	9,200	910	<150	<300	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	09/03/86	2,000	13,000	5,000	38	100	<0.4	<1	<0.4	9.6	<0.5	<0.3	39	64	5.6	2.8	32	<0.5
	09/16/86	1,800	11,000	8,100	18	84	<0.4	<1	<0.4	<0.5	<0.5	<0.3	32	<1	<0.7	<0.5	24	<0.5

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-2	10/03/86	330	4,000	2,600	<1.5	15	<2	<5	<2	<2.5	<2.5	<1.5	<2.5	1,100	<3.5	<2.5	<2.5	<2.5
	10/16/86	2,000	9,100	3,200	120	150	<0.4	<1	1,400	16	<0.5	<0.3	73	1,200	<0.7	<0.5	<0.5	<0.5
	10/27/86	1,000	2,200	830	<0.3	59	<0.4	<1	<0.4	18	<0.5	<0.3	32	<1	4.4	<0.5	<0.5	<0.5
	11/14/86	1,500	12,000	3,500	<30	220	<40	<100	<40	<50	<50	<30	<50	<100	<70	<50	<50	<50
	12/09/86	1,500	11,000	1,200	81	170	<0.4	<1	<0.4	34	<0.5	<0.3	55	<1	<0.7	<0.5	<0.5	<0.5
	12/29/86	1,300	7,100	2,500	<30	<60	<40	<100	<40	<50	<50	<30	<50	<100	<70	<50	<50	<50
	01/06/87	2,900	13,000	3,900	<30	<60	<40	<100	<40	<50	<50	<30	<50	<100	<70	<50	<50	<50
	01/22/87	6,900	21,000	1,800	<150	<300	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	02/04/87	2,000	5,700	1,200	84	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	02/20/87	1,800	5,700	3,100	7.4	<5	<5	<5	<5	<5	ND	<2	8.3	<5	NA	<5	<5	<5
	03/06/87	2,500	4,400	5,700	220	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	03/17/87	200	7,200	2,100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/22/87	<0.5	6,400	140	57	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	06/12/87	<50	8,900	300	<50	<50	<50	<50	<50	<50	ND	<20	<50	<50	NA	<50	<50	<50
	06/29/87	850	15,000	1,400	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	07/17/87	1,700	7,000	1,200	<50	<50	<50	<50	<50	<50	ND	<20	<50	<50	NA	<50	<50	<50
	07/21/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/30/87	1,700	9,400	4,200	<125	<125	<125	<125	<125	<125	NA	<125	<125	<125	NA	<125	<125	<125
	08/14/87	2,000	12,000	2,500	<25	<25	<25	<25	<25	<25	ND	<10	<25	<25	NA	<25	<25	<25
	08/28/87	1,500	840	2,100	<25	<25	<25	<25	<25	<25	ND	<10	<25	<25	NA	<25	<25	<25
	09/11/87	<500	12,000	1,400	<500	<500	<500	<500	<500	<500	ND	<200	<500	<500	NA	<500	<500	<500
	09/21/87	<500	14,000	2,100	<500	<500	<500	<500	<500	<500	NA	<200	<500	<500	NA	<500	<500	<500
	10/09/87	<500	9,500	420	<500	<500	<500	<500	<500	<500	ND	<200	<500	<500	NA	<500	<500	<500
	10/22/87	750	2,600	800	<50	<50	<50	<50	<50	<50	ND	<20	<50	<50	NA	<50	<50	<50
	11/04/87	1,300	14,000	2,100	110	3.8	40	<0.5	<0.5	24	ND	<0.2	66	69	NA	<0.5	9.9	3,200
	11/18/87	<0.5	10,000	330	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	12/03/87	<250	4,200	350	<250	<250	<250	<250	<250	<250	ND	<250	<250	<250	NA	<250	<250	<250
	12/18/87	<500	4,200	810	<500	<500	<500	<500	<500	<500	ND	<500	<500	<500	NA	<500	<500	<500
	12/29/87	<0.5	3,900	580	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	01/13/88	150	1,400	4.2	14	<0.5	21	230	<0.5	4.6	NA	<0.2	15	34	NA	<0.5	13	3,000
	01/25/88	<500	4,500	<500	<500	<500	<500	<500	<500	<500	NA	<200	<500	<500	NA	<500	<500	3,000
	02/19/88	1,000	6,800	1,000	43	76	<20	<100	<20	<20	NA	<20	<100	<100	<20	<20	<20	<20
	03/07/88	860	7,700	1,100	<200	<200	<200	<1,000	<200	<200	NA	<200	<1,000	<1,000	<200	<200	<200	<200
	04/19/88	460	8,100	810	<200	<200	<200	<1,000	<200	<200	NA	<200	<1,000	<1,000	<200	<200	<200	<200
	05/26/88	440	9,000	900	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	06/27/88	620	11,000	2,700	220	<200	<200	<400	<200	<200	<2,000	<400	<200	<800	<400	<2,000	<800	<200
	07/26/88	450	6,100	790	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	08/16/88	560	11,000	1,000	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	09/09/88	530	10,000	1,100	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	10/24/88	1,300	11,000	1,400	<20	<20	<20	<100	<20	<20	<20	<20	<100	<100	<20	<20	<20	<20
	11/11/88	1,000	10,000	1,300	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	11/22/88	1,100	11,000	1,100	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	12/09/88	960	12,000	1,000	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	12/20/88	1,000	11,000	1,000	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-2	01/04/89	400	12,000	1,000	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	01/16/89	370	11,000	1,000	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	02/15/89	350	9,700	810	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	03/01/89	340	11,000	920	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	03/14/89	800	8,900	700	<125	<125	<125	<250	<125	<125	<1,250	<250	<125	<500	<250	<1,250	<500	<125
	03/27/89	470	15,000	930	<200	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	04/12/89	870	9,300	1,200	<50	<50	<50	<100	<50	<50	<500	<100	<50	<200	<100	<500	<200	<50
	04/24/89	300	10,000	1,000	<50	<50	<50	<100	<50	<50	<500	<100	<50	<200	<100	<500	<200	<50
	05/04/89	430	10,000	1,200	<50	<50	<50	<100	<50	<50	<500	<100	<50	<200	<100	<500	<200	<50
	05/24/89	470	9,400	1,900	<50	<50	<50	<100	<50	<50	<500	<100	<50	<200	<100	<500	<200	<50
	06/06/89	420	9,200	420	<50	<50	<50	<100	<50	<50	<500	<100	<50	<200	<100	<500	<200	<50
	06/21/89	<700	9,900	1,200	<350	<350	<350	<700	<350	<350	<3,500	<700	<350	<1,400	<700	<3,500	<1,400	<350
	07/06/89	510	11,000	900	<50	<50	<50	<100	<50	<50	<500	<100	<50	<200	<100	<500	<200	<50
	08/08/89	700	8,500	1,400	<50	<50	<50	<100	<50	<50	<500	<100	<50	<200	<100	<500	<200	<50
	08/20/89	1,000	13,000	2,300	<250	<250	<250	<500	<250	<250	<2,500	<500	<250	<1,000	<500	<2,500	<1,000	<250
	09/06/89	800	9,200	840	<250	<250	<250	<500	<250	<250	<2,500	<500	<250	<1,000	<500	<2,500	<1,000	<250
	09/19/89	340	8,500	310	<100	<100	<100	<200	<100	<100	<1,000	<200	<100	<400	<200	<1,000	<400	<100
	10/11/89	<100	16,000	1,300	<50	<50	<50	<100	<50	<50	<500	<100	<50	<200	<100	<500	<200	<50
	10/24/89	<200	19,000	1,200	<100	<100	<100	<200	<100	<100	9,900	<200	<100	<400	<200	<1,000	<400	<100
	11/07/89	530	8,300	750	<50	<50	<50	<100	<50	<50	<500	<100	<50	<200	<100	<500	<200	<50
	12/05/89	<1,000	14,000	<500	<500	<500	<500	<1,000	<500	<500	<5,000	<1,000	<500	<2,000	<1,000	<5,000	<2,000	<500
	04/02/90	420	9,200	NA	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	01/08/91	320	11,000	560	<20	<20	<20	<40	<20	<20	<200	<40	<20	<80	<40	<200	<80	<20
	05/28/91	<650	9,400	<650	<330	<330	<330	<650	<330	<330	<650	<330	<330	<1,300	<330	<650	<650	<330
	07/18/91	<400	10,000	<400	<200	<200	<200	<400	<200	<200	<400	<200	<200	<800	<200	<400	<400	<200
	09/18/91	350	6,200	590	<50	<50	<50	<100	<50	<50	<100	<50	<50	<200	<50	<100	<100	<50
	10/23/91	330	8,900	620	28	18	<10	<20	<10	<10	<20	<10	18	310	<10	<20	<20	<10
	11/07/91	<20	3,800	310	<10	<10	<10	<20	<10	<10	<20	<10	<10	<40	<10	<20	150	<10
	12/04/91	160	8,300	460	<50	<50	<50	<100	<50	<50	<100	<50	<50	<200	<50	<100	<100	<50
	03/09/92	<50	6,900	250	<50	<50	<50	4,100	<50	<50	<50	<50	<50	<500	<50	<50	<50	<50
	04/20/92	220	6,400	<5	35	8.5	<5	<10	<5	<5	<5	<5	33	<50	<5	<10	<10	<5
	05/12/92	220	2,400	520	67	11	<10	<20	<10	<10	920	<10	26	<100	<10	<20	<20	<10
	06/11/92	190	<10	420	64	<10	1,600	<20	<10	<10	<10	<10	26	<100	<10	<20	<20	<10
	07/09/92	120	5,500	630	18	<10	<10	<10	<10	<10	<10	<10	9.2	<100	<10	<10	<10	<10
	07/20/92	<10	6,300	310	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10	<10	<10	<10
	08/10/92	<250	7,700	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<250	<250	<250	<250
	08/10/92	<500	9,130	<250	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<250	<250
	08/24/92	<500	7,990	<250	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<250	<250
	09/07/92	<500	6,360	<250	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<250	<250
	09/22/92	<500	7,770	<250	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<250	<250
	11/02/92	<250	6,620	273	<250	<250	<130	<250	<130	<130	983	<130	<130	<1,300	<130	<250	<130	<130
	12/31/92	<500	7,200	<250	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<250	<250
	01/31/93	<500	6,830	<250	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<250	<250
	02/22/93	<500	6,140	<250	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<250	<250

GEOSYSTEM
Consultants, Inc.

TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-2	03/08/93	<500	6,410	251	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<250	<250
	03/22/93	<500	8,280	350	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<250	<250
	04/12/93	<500	7,640	<250	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<250	<250
	04/19/93	<500	8,450	<250	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<500	<250
	05/03/93	<500	7,730	409	<500	<500	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<500	<250
	05/25/93	<20	8,150	497	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	07/12/93	<500	3420	<250	<250	<250	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<500	<250
	08/25/93	<250	7,790	493	<125	<125	<125	<250	<125	<125	<125	<125	<125	<1,250	<125	<250	<250	<125
	10/19/93	<250	5,740	140	<125	<125	<125	<250	<125	<125	<125	<125	<125	<1,250	<125	<250	<250	<125
	11/11/93	<250	6,030	<125	<125	<125	<125	<250	<125	<125	<125	<125	<125	<1,250	<125	<250	<250	<125
	01/31/94	<500	6,030	525	<250	<250	<250	<500	<250	<250	<250	<250	<250	<2,500	<250	<500	<500	<250
	04/22/94	<200	6,600	180	<100	<100	<100	<200	<100	<100	<100	<100	<100	130	<100	<200	<200	<100
	09/14/94	100	5,200	640	21	<0.5	<0.5	<1	<0.5	0.8	<0.5	<0.5	14	16	<0.5	<1	9.4	<0.5
	12/13/94	<50	5,800	390	<50	<50	<50	<50	<50	<50	<50	<50	14	<200	<50	<200	<200	<50
	03/07/95	<20	7,700	320	27	<9	<7	<13	<5	<5	<34	<13	18	40	<7	<52	<18	<5
	06/06/95	<2	6,600	320	81	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	18	<2.5	<0.7	<5.2	<1.8	<0.5
	09/12/95	<50	4,800	290	<50	<50	<50	<500	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	12/12/95	<400	5,500	270	<240	<180	<140	<260	<100	<100	<680	<260	110	<500	<140	<1,040	<360	<100
	03/12/96	9.9	4,500	320	19	3.5	<0.4	<1	<0.4	1.9	<0.4	0.4	16	<10	<0.4	1.4	10	<0.4
	06/25/96	210	5,600	280	24	12	<0.4	<1	<0.4	2.4	<0.4	<0.4	16	<10	<0.4	<0.4	12	2.2
	08/14/96	<200	7,600	230	<200	<200	<200	<500	<200	<200	<200	<200	<200	<5,000	<200	<200	<200	<200
	09/10/96	25	5,800	340	22	<0.4	<0.4	<1	<0.4	1.6	<0.4	<0.4	15	<10	<0.4	1.0	8.2	<0.4
	11/12/96	<20	4,500	170	<20	<20	<20	<50	<20	<20	<20	<20	<20	<500	<20	<20	<20	<20
	01/28/97	<20	4,600	240	20	<20	<20	<50	<20	<20	<20	<20	<20	<500	<20	<20	<20	<20
	04/10/97	<20	5,100	280	26	<20	<20	<50	<20	<20	<20	<20	<20	<500	<20	<20	<20	<20
	07/15/97	<20	4,200	240	<20	<20	<20	<50	<20	36	<20	<20	<20	<500	<20	<20	<20	<20
	10/15/97	<20	3,900	420	<20	<20	<20	<50	<20	<20	<20	<20	<20	<400	<20	<20	<20	<20
	01/13/98	37	4,800	310	19	5.8	<4	<120	<4	<4	<4	<4	21	<20	<4	<4	5.6	<4
	05/19/98	<400	2,800	350	<240	<180	<140	<1,000	<100	<100	<680	<260	<100	<500	<140	<1,000	<360	<100
	07/14/98	<125	3,640	213	<125	<125	<125	<1,250	<125	<125	<125	<125	<125	<125	<125	<125	<125	<125
	10/27/98	<50	2,800	110	<50	<50	<50	NA	<50	<50	<50	<50	<50	<500	<50	<100	<100	<50
	01/12/99	<100	3,600	160	<100	<100	<100	NA	<100	<100	<100	<100	<100	<1,000	<100	<200	<200	<100
DW-3	06/06/84	ND	35	2.0	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	ND	11	0.70	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/07/85	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	11/21/85	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	12/16/85	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	01/21/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	02/21/86	<0.7	1.1	<0.5	<0.3	<0.6	<0.4	<1	5.0	24	4.2	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	03/06/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5

GEOSYSTEM
Consultants, Inc.

TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-3	04/15/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	05/14/86	<0.7	1.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	06/12/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/22/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	08/21/86	<0.7	2.1	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	1.6	<1	<0.7	<0.5	<0.5	<0.5
	09/15/86	<0.7	3.7	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	2.0	<1	<0.7	<0.5	<0.5	<0.5
	10/16/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	3.5	<1	<0.7	<0.5	<0.5	<0.5
	11/13/86	<0.7	1.0	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	1.0	<1	<0.7	<0.5	<0.5	<0.5
	12/11/86	<0.7	3.8	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	3.5	<1	<0.7	<0.5	<0.5	<0.5
	01/21/87	<0.7	3.1	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	6.1	<1	<0.7	<0.5	<0.5	<0.5
	02/19/87	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	1.9	<0.5	NA	<0.5	<0.5	<0.5
	03/02/87	<0.5	<0.5	<0.5	<0.5	4.4	<0.5	<0.5	<0.5	<0.5	NA	<0.2	2.4	<0.5	NA	<0.5	<0.5	<0.5
	04/16/87	<0.5	8.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	3.8	<0.5	NA	<0.5	<0.5	<0.5
	05/15/87	<0.5	<0.5	<0.5	<0.5	<0.5	3.0	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	06/04/87	<0.5	6.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	40	<0.5	NA	<0.5	<0.5	<0.5
	07/15/87	<0.5	5.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	3.1	<0.5	NA	<0.5	<0.5	<0.5
	08/11/87	71.1	2.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	3.3	<0.5	NA	<0.5	<0.5	<0.5
	09/08/87	<0.5	5.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	10/06/87	<0.5	3.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	11/05/87	<0.5	3.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.5	<0.5	3.2	NA	<0.5	<0.5	<0.5
	12/03/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	2.9	<0.5	NA	<0.5	<0.5	<0.5
	12/04/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/12/88	<0.5	3.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	2.5	<0.5	NA	<0.5	<0.5	<0.5
	02/10/88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	3.0	<0.5	NA	<0.5	<0.5	<0.5
	03/04/88	<0.5	3.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	04/14/88	<0.5	6.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	2.4	<0.5	NA	<0.5	<0.5	<0.5
	05/13/88	<1	3.9	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	3.2	<2	<1	<5	<2	<0.5
	06/07/88	<1	5.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	3.5	<2	<1	<5	<2	<0.5
	07/14/88	<1	4.6	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	3.5	<2	<1	<5	<2	<0.5
	07/15/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/09/88	<1	7.1	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	7.1	<2	<1	<5	<2	<0.5
	09/06/88	<1	4.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	4.4	<2	<1	<5	<2	<0.5
	10/11/88	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	2.2	<2	<1	<5	<2	<0.5
	11/08/88	<1	4.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	3.5	<2	<1	<5	<2	<0.5
	12/05/88	<1	2.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	2.8	<2	<1	<5	<2	<0.5
	01/16/89	<1	2.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	1.6	<2	<1	<5	<2	<0.5
	02/13/89	<1	2.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	2.7	<2	<1	<5	<2	<0.5
	03/06/89	<1	2.8	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	1.1	<2	<1	<5	<2	<0.5
	04/14/89	<1	3.1	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	2.9	<2	<1	<5	<2	<0.5
	05/10/89	<1	3.4	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	2.5	<2	<1	<5	<2	<0.5
	06/22/89	<1	3.7	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	2.9	<2	<1	<5	<2	<0.5
	10/25/89	<2	3.0	<2	<2	<2	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	01/17/91	<1	1.3	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	1.3	<2	<1	<5	<2	<0.5

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-3	08/21/91	<1	2.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	1.5	<2	<0.5	<1	<1	<0.5
	10/28/91	<1	9.6	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	1.5	<2	<0.5	<1	<1	<0.5
	02/14/92	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<5	<0.5	<0.5	<0.5	<0.5
	05/18/92	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	1.4	<5	<0.5	<1	<1	<0.5
	08/26/92	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<5	<0.5	<0.5	<0.5	<0.5
	05/24/93	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/24/93	<1	1.42	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	11/11/93	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	03/01/94	<1	0.94	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/16/94	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/16/94	<1	1.60	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.90	<5	<0.5	<1	<1	<0.5
	11/15/94	<0.5	1.5	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<2	<0.5	<2	<2	<0.5
	02/14/95	2.4	<0.5	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	05/31/95	<2	2.1	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	1.5	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	<2	<0.5	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	11/16/95	<2	1.6	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	0.64	<2.5	<0.7	<5.2	<1.8	<0.5
	05/13/96	<2	1	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	08/13/96	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	11/12/96	<0.4	1.3	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	0.6	<10	<0.4	<0.4	<0.4	<0.4
	01/28/97	<0.4	1.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	0.7	<10	<0.4	<0.4	<0.4	<0.4
	04/09/97	<0.4	1.3	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	1	<10	<0.4	<0.4	<0.4	<0.4
	07/08/97	<0.4	1	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	10/14/97	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<8	<0.4	<0.4	<0.4	<0.4
	01/13/98	<0.4	1.3	<0.4	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	0.74	<2	<0.4	<0.4	<0.4	<0.4
	04/13/98	<0.5	0.98	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.53	<5	<0.5	<1	<1	<0.5
	10/27/98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/12/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
DW-4	06/06/84	ND	20	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/84	ND	3.8	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/30/84	ND	3.4	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/85	ND	4.4	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/85	ND	3.1	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/85	ND	4.2	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/16/85	<0.7	2.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	01/27/86	<0.7	3.4	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	02/24/86	<0.7	2.4	<0.5	<0.3	<0.6	<0.4	<1	0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	03/18/86	<0.7	1.2	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	1.2	<1	<0.7	<0.5	<0.5	<0.5
	04/15/86	<0.7	2.7	<0.5	<0.3	<0.6	<0.4	<1	1.0	<0.5	<0.5	<0.3	0.8	<1	<0.7	<0.5	<0.5	<0.5
	05/14/86	<0.7	2.7	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	06/12/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/23/86	<0.7	2.2	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	08/21/86	<0.7	4.1	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	09/15/86	<0.7	4.7	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	1.1	<1	<0.7	<0.5	<0.5	<0.5

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-4	10/16/86	<0.7	3.1	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	11/13/86	<0.7	5.0	<0.5	<0.3	<0.6	<0.4	<1	1.0	<0.5	<0.5	<0.3	1.0	<1	<0.7	<0.5	<0.5	<0.5
	12/11/86	<0.7	4.0	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	1	<1	<0.7	<0.5	<0.5	<0.5
	01/21/87	<0.7	3.1	<0.5	<0.3	<0.6	<0.4	<1	1.1	1	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	02/19/87	<0.5	3.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	03/02/87	<0.5	4.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	0.22	<0.5	NA	<0.5	<0.5	<0.5
	04/16/87	<0.5	7.9	49	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/13/87	<0.5	98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/14/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/01/87	<0.5	4.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	07/15/87	<0.5	4.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	08/10/87	200	3.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	09/08/87	<0.5	4.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	10/07/87	<0.5	4.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	11/05/87	<0.5	3.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	12/03/87	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	12/04/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/11/88	<0.5	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	01/16/88	ND	1.9	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/10/88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	03/04/88	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	04/14/88	<0.5	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/13/88	<1	3.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	0.90	<2	<1	<5	<2	<0.5
	06/07/88	<1	3.4	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	07/14/88	<1	3.4	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	07/15/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/09/88	<1	5.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	09/06/88	<1	3.1	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/11/88	<1	1.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	11/08/88	<1	2.9	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	12/05/88	<1	2.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	01/16/89	<1	1.9	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	02/13/89	<1	2.7	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	03/06/89	<1	2.9	<0.5	<0.5	<0.5	<0.5	<1	1.3	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	04/14/89	<1	3.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	05/10/89	<1	3.8	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	06/22/89	<1	4.4	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/25/89	<2	4.4	<2	<2	<2	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	01/18/91	<1	3.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	08/21/91	<1	4.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	10/28/91	<1	5.6	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	02/18/92	<0.5	3.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	05/18/92	<0.5	4.1	<0.5	0.66	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/26/92	<0.5	3.9	<0.5	0.84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	01/15/93	<0.5	3.3	<0.5	0.70	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5

GEOSYSTEM
Consultants, Inc.

TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-4	05/24/93	<1	15.6	<0.5	13.4	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	21,400	<0.5	<1	<1	<0.5
	08/24/93	<100	<50	<50	<50	<50	<50	<100	<50	<50	<50	<50	<50	1,920	<50	<100	<100	<50
	08/24/93	<100	<50	<50	<50	<50	<50	<100	<50	<50	<50	<50	<50	3,750	<50	<100	<100	<50
	11/11/93	<25	<12.5	<12.5	<12.5	<12.5	<12.5	<25	<12.5	<12.5	<12.5	<12.5	<12.5	639	<12.5	<25	<25	<12.5
	11/11/93	<5	9.6	<5	8.9	<5	<5	<10	<5	<5	<5	<5	<5	190	<5	<10	<10	<5
	03/02/94	<1	3.12	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/16/94	<1	6.44	<0.5	4.42	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/16/94	<1	13	<0.5	13.0	<0.5	<0.5	<1	0.70	<0.5	<0.5	<0.5	1.60	10.0	<0.5	<1	<1	<0.5
	08/16/94	<0.5	10	<0.5	12.	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.55	<5	<0.5	<1	<1	<0.5
	11/15/94	<0.5	14	<4	16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3	<0.5	<2	<2	<0.5
	02/14/95	<2	7.5	<0.5	4.9	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	05/31/95	<2	15	<0.5	11	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	0.66	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	<2	18	<0.5	11	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	0.58	7.6	<0.7	<5.2	<1.8	<0.5
	11/16/95	8.2	42	6.6	14	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	1.7	<2.5	<0.7	<5.2	<1.8	<0.5
	02/13/96	<0.4	43	0.5	9.8	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	1.4	<10	<0.4	<0.4	<0.4	<0.4
	05/13/96	2.9	34	<0.4	<0.4	<0.4	<0.4	<1	<0.4	5	<0.4	<0.4	0.57	<10	<0.4	<0.4	<0.4	<0.4
	08/13/96	<4	69	<4	8.2	<4	<4	<10	<4	<4	<4	<4	1.9	<100	<4	<4	<4	<4
	11/13/96	<0.4	6.4	<0.4	1	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	01/28/97	<0.4	6.0	<0.4	1.0	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	04/09/97	<0.4	4.5	<0.4	0.8	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	07/08/97	<0.4	5	<0.4	0.7	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	10/14/97	<0.4	16	<0.4	2.6	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	0.5	<8	<0.4	<0.4	<0.4	<0.4
	01/14/98	<0.4	59	<0.4	6.7	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	2	<2	<0.4	<0.4	<0.4	<0.4
	04/13/98	<0.5	28	<0.5	4.9	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.76	<5	<0.5	<1	<1	<0.5
	10/27/98	<0.5	14	<0.5	1.1	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/12/99	<0.5	26	<0.5	3.6	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
DW-5	12/16/85	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	1.2	<1	<0.7	<0.5	<0.5	<0.5
	01/21/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	02/21/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	03/06/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	04/14/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	05/14/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	06/12/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/22/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	08/21/86	<0.7	1.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	09/15/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	10/16/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	9.2	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	11/13/86	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	1.2	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	12/11/86	<0.7	11	<0.5	<0.3	<0.6	<0.4	<1	1.1	1.8	<0.5	<0.3	8.3	<1	<0.7	<0.5	<0.5	<0.5
	01/21/87	<0.7	<0.3	<0.5	<0.3	<0.6	<0.4	<1	2.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	<0.5	<0.5	<0.5
	02/19/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	03/02/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	04/16/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/15/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-5	06/04/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	07/15/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	08/12/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	09/08/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	10/05/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	11/05/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	12/03/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.81	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	12/04/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/11/88	<0.5	2.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	2.4	<0.5	NA	<0.5	<0.5	<0.5
	02/10/88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	03/04/88	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	04/14/88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/12/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/13/88	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	1.9	<2	<1	<5	<2	<0.5
	06/07/88	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	07/14/88	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	07/15/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/09/88	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	09/06/88	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/11/88	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	11/08/88	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	12/05/88	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	01/17/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	270	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	02/13/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	4.9	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	03/06/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	5.3	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	04/14/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	05/10/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	06/22/89	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	43	<0.5	<5	<1	<0.5	<2	<1	<5	<2	<0.5
	10/25/89	<2	<2	<2	<2	<2	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	08/27/91	<1	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	10/29/91	<1	1.4	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<2	<0.5	<1	<1	<0.5
	02/24/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
	05/20/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	09/08/92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/25/93	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	16.1	<0.5	<1	<1	<0.5
	03/02/94	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/16/94	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
DW-6	12/17/85	<0.7	2,500	8.8	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	5.6	<0.7	<0.5	9.6	<0.5
	12/27/85	<0.7	2,700	13	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	26	7.0	<0.7	<0.5	11	<0.5
	01/21/86	<70	3,700	9.9	<30	<60	<40	<100	<40	<50	<50	<30	32	6.4	<70	<50	<50	<50
	02/27/86	<0.7	110	<0.5	<0.3	<0.6	<0.4	<1	10	<0.5	<0.5	<0.3	6.0	<1	<0.7	<0.5	<0.5	<0.5
	03/06/86	<0.7	150	3.0	<0.3	<0.6	<0.4	<1	40	<0.5	<0.5	<0.3	26	<1	<0.7	<0.5	<0.5	<0.5
	04/14/86	11	1,200	16	<0.3	13	<0.4	<1	25	1.6	<0.5	<0.3	27	<1	<0.7	<0.5	<0.5	<0.5
	05/14/86	<0.7	550	1.9	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	33	<1	<0.7	<0.5	1.6	<0.5
	06/12/86	<0.7	960	5.8	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	29	<1	<0.7	<0.5	2.5	<0.5

GEOSYSTEM
Consultants, Inc.

TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-6	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/22/86	<0.7	890	<0.5	<0.3	<0.6	<0.4	<1	31	<0.5	<0.5	<0.3	36	<1	<0.7	<0.5	<0.5	3.8
	08/21/86	ND	1,000	3.5	ND	ND	ND	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	ND
	09/15/86	<0.7	1,200	3.0	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	28	<1	<0.7	<0.5	<0.5	<0.5
	10/16/86	<0.7	1,200	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	35	<1	<0.7	<0.5	<0.5	9.5
	11/13/86	<0.7	2,800	1.8	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	23	<1	<0.7	<0.5	<0.5	<0.5
	12/11/86	<0.7	1,200	<0.5	<0.3	<0.6	<0.4	<1	<0.4	1.1	<0.5	<0.3	32	<1	<0.7	<0.5	<0.5	<0.5
	01/21/87	<7	670	<5	5.3	<6	<4	<10	<4	<5	<5	<3	52	<10	<7	<5	<5	<5
	02/19/87	<5	900	<5	<5	<5	<5	<5	<5	<5	ND	<2	16	<5	NA	<5	<5	<5
	03/02/87	<0.5	950	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	85	<0.5	NA	<0.5	<0.5	<0.5
	04/16/87	<0.5	2,900	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/15/87	<0.5	1,400	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	12	<0.5	NA	<0.5	<0.5	<0.5
	06/04/87	<0.5	2,200	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	07/15/87	<0.5	53	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	1.0	<0.5	NA	<0.5	<0.5	<0.5
	08/12/87	<5	4,300	8.3	<5	<5	<5	<5	<5	<5	ND	<2	50	<5	NA	<5	<5	<5
	09/08/87	<50	3,500	<50	<50	<50	<50	<50	<50	<50	ND	<20	<50	<50	NA	<50	<50	<50
	10/05/87	<2	1,300	8.8	<2	<2	<2	<10	<2	<2	ND	<2	34	<10	<2	<2	20	<2
	11/05/87	<2	3,200	6.0	<2	<2	<2	<10	<2	<2	ND	<2	26	<10	<2	<2	18	<2
	12/04/87	<2	3,400	5.3	<2	<2	<2	<10	<2	<2	ND	<2	42	<10	<2	<2	21	7.6
	01/11/88	<2	2,000	4.7	<2	<2	<2	<10	<2	<2	NA	<2	24	<10	<2	<2	16	6.3
	02/10/88	<2	1,100	3.5	<2	<2	<2	<10	<2	<2	NA	<2	15	<10	<2	<2	13	5.2
	03/04/88	<2	2,300	5.4	<2	<2	<2	<10	<2	<2	NA	<2	24	<10	<2	<2	7.8	8.6
	04/14/88	<2	2,700	5.3	<2	<2	<2	<10	<2	<2	NA	<2	28	<10	<2	<2	8.1	8.6
	05/12/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/13/88	<2	2,600	5.1	<2	<2	<2	<10	<2	<2	<2	<2	24	<2	<2	<2	13	9.0
	06/07/88	<2	2,200	5	<2	<2	<2	<10	<2	<2	<2	<2	27	<2	<2	<2	11	13
	07/15/88	<2	2,900	5.7	<2	<2	<2	<10	<2	<2	<2	<2	26	<2	<2	<2	<2	<2
	08/09/88	<2	4,800	5.7	<2	<2	<2	<10	<2	<2	<2	<2	50	<2	<2	<2	7.8	12
	09/06/88	<2	3,000	6.1	<2	<2	<2	<10	<2	<2	<2	<2	33	<2	<2	<2	15	15
	10/11/88	<2	3,500	5.9	<2	<2	<2	<10	<2	<2	<2	<2	41	<10	<2	<2	13	8.2
	11/08/88	<2	2,000	7.7	<2	<2	<2	<10	<2	<2	<2	<2	30	<10	<2	<2	21	10
	12/05/88	<2	2,200	9.5	<2	<2	<2	<10	<2	<2	<2	<2	32	<2	<2	<2	27	11
	01/17/89	<2	1,100	2.1	<2	<2	<2	<10	<2	<2	<2	3.7	7.9	<2	<2	<2	<2	35
	02/13/89	<2	770	3.0	<2	<2	<2	<10	<2	<2	<2	3.0	9.0	<2	<2	<2	3.0	33
	03/06/89	<2	1,100	17	<2	<2	<2	<10	<2	<2	<2	4.3	6.9	<2	<2	<2	<2	45
	04/14/89	<2	1,600	3.5	<2	<2	<2	<10	<2	<2	<2	<2	10	<2	<2	<2	6.0	16
	05/10/89	<2	2,500	14	<2	<2	<2	<10	<2	<2	<2	4.2	7.6	3.0	<2	<2	13	48
	06/22/89	<2	1,400	3.2	<2	<2	<2	<10	<2	<2	<2	<2	11	<2	<2	<2	7.4	9.7
	07/18/89	<2	660	1.2	<2	<2	<2	<10	<2	<2	<2	3.0	4.3	<2	<2	<2	<2	38
	08/16/89	<2	1,200	1.1	<2	<2	2.0	<10	<2	<2	<2	4.5	6.1	<2	<2	<2	3.8	45
	09/05/89	<2	1,300	2.4	<2	<2	<2	<10	<2	<2	<2	2.5	7.4	<2	<2	<2	3.9	28
	10/26/89	<20	1,300	<20	<20	<20	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	08/28/91	<2	1,200	2.6	<2	<2	<2	<10	<2	<2	<2	<2	11	<2	<2	<2	9.1	7.2
	10/30/91	<100	7,700	<100	<100	<100	<100	<500	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	02/25/92	<50	4,500	NA	<50	<50	<50	<250	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	05/21/92	<25	2,600	<25	<25	<25	<25	<50	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-6	09/08/92	<2	2,800	3.1	<2	<2	<2	<10	<2	<2	<2	<2	18	<2	<2	2.1	26	5.1
	01/26/93	<0.5	2,400	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/25/93	<5	34.1	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	08/24/93	<5	<5	<5	<2	<5	<5	<10	<5	<5	<5	<5	<2	<5	<2	<10	<10	5.06
	11/11/93	<5	2,410	<5	<2	<5	<5	<10	<5	<5	<5	<5	<2	<5	<2	<10	<10	<5
	03/02/94	<1	4.65	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	6.18
	03/02/94	<0.5	24	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	1.2	<5	<0.5	<1	<1	10
	05/16/94	<25	244	<12.5	<12.5	<12.5	<12.5	<25	<12.5	<12.5	<12.5	<12.5	<12.5	<125	<12.5	<25	<25	24.3
	08/17/94	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	3.50	<25	<2.5	<5	<5	22.0
	11/15/94	<0.5	1.2	<4	<0.5	<0.5	1.5	<0.5	0.7	<0.5	<0.5	2	3.4	<2	<0.5	<2	<2	38
	02/14/95	<4	50	<1	<2.4	<1.8	<1.4	<2.6	<1	<1	<6.8	<2.6	<1	<5	<1.4	<10.4	<3.6	<1
	05/31/95	<2	25	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	<20	100	<5	<12	<9	<7	<13	<5	<5	<34	<13	<5	<25	<7	<52	<18	<5
	11/16/95	<10	230	<2.5	<6	<4.5	<3.5	<6.5	<2.5	<2.5	<17	<6.5	3.7	<12.5	<3.5	<26	<9	5.6
	02/14/96	<0.4	4.6	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	0.6	0.4	<10	<0.4	<0.4	<0.4	10
	02/14/96	<0.5	2.9	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	8.4
	05/13/96	<2	12.2	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	1.2	<0.4	<10	<0.4	<0.4	<0.4	12.5
	08/13/96	<0.4	4.7	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	0.6	0.6	<10	<0.4	<0.4	<0.4	11
	11/12/96	<0.4	13	<0.4	<0.4	<0.4	0.6	<1	<0.4	<0.4	<0.4	0.7	0.6	<10	<0.4	<0.4	<0.4	16
	01/28/97	<0.5	11	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/28/97	<0.4	9.8	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	04/09/97	<0.4	19	<0.4	<0.4	<0.4	0.4	<1	<0.4	<0.4	<0.4	0.8	0.9	<10	<0.4	<0.4	<0.4	13
	07/09/97	<0.4	63	<0.4	<0.4	<0.4	0.9	<1	0.5	<0.4	<0.4	2.1	0.9	<10	<0.4	<0.4	<0.4	24
	10/14/97	<0.4	190	<0.4	<0.4	<0.4	1.4	<1	<0.4	<0.4	<0.4	3.7	3	<8	<0.4	<0.4	2.1	39
	01/14/98	<0.4	26	<0.4	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	<0.4	<0.4	<0.4	<0.4
	04/13/98	<0.5	5.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	10/27/98	<2.5	170	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	5
	01/13/99	<1.2	31	<1.2	<1.2	<1.2	1.6	NA	<1.2	<1.2	<1.2	1.9	1.3	<12	<1.2	<2.5	<2.5	62
DW-7	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DW-8	11/10/82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/05/85	NA	5,200	90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/27/86	<0.7	2,600	<0.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	<1	<0.7	7	30	<0.5
	03/07/86	<7	12,000	<5	<3	<6	<4	<10	<4	<5	<5	<3	<5	<10	<7	<5	31	<5
	03/17/86	350	12,000	<250	<150	300	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	04/03/86	70	11,000	100	<3	60	<4	<10	<4	<5	<5	<3	<5	<10	<7	<5	<5	<5
	05/30/86	7.0	9,100	<5	<3	6.0	<4	<10	<4	<5	<5	<3	<5	<10	<7	<5	<5	<5
	06/07/86	NA	NA	NA	NA	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/13/86	70	12,000	<50	<30	60	<40	<100	<40	<50	<50	<30	<50	<100	<70	<50	<50	<50
	06/27/86	350	12,000	<250	<150	<300	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	06/30/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
	07/01/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/09/86	350	12,000	<250	<150	300	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	07/23/86	350	16,000	<250	<150	300	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	08/05/86	940	14,000	<50	<30	300	<40	<100	<40	<50	<50	<30	<50	<100	<70	<50	<50	<50

GEOSYSTEM
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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-8	08/20/86	350	8,100	<250	<150	350	<200	<500	<200	<250	<250	<150	<250	<500	<350	<250	<250	<250
	09/03/86	<0.7	12,000	48	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	<0.5	2.3	<0.7	3.6	49	<0.5
	09/16/86	<0.7	10,000	60	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	12	<1	<0.7	<0.5	39	<0.5
	10/03/86	<3.5	2,200	90	<1.5	<3	<2	<5	<2	<2.5	<2.5	<1.5	<2.5	1,200	<3.5	5.5	110	<2.5
	10/16/86	<0.7	6,200	66	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	15	<1	<0.7	<0.5	<0.5	<0.5
	10/27/86	<0.7	11,000	1.5	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	15	<1	<0.7	4.5	37	<0.5
	12/09/86	<0.7	11,000	14	<0.3	<0.6	<0.4	<1	<0.4	<0.5	<0.5	<0.3	36	<1	<0.7	<0.5	<0.5	<0.5
	01/22/87	<70	7,600	<50	<30	<60	<40	<100	<40	<50	<50	<30	<50	<100	<70	<50	<50	<50
	02/20/87	<5	3,900	<5	<5	<5	<5	<5	<5	<5	ND	<2	<5	<5	NA	<5	13	<5
	03/06/87	<0.5	9,200	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	03/17/87	<0.5	8,400	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	05/15/87	<0.5	6,400	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	06/12/87	<50	16,000	<50	<50	<50	<50	<50	<50	<50	ND	<20	<50	<50	NA	<50	<50	<50
	06/29/87	<0.5	19,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	07/15/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/87	<50	7,500	<0.5	<50	<50	<50	<50	<50	<50	ND	<20	<50	<50	NA	<50	<50	<50
	07/21/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/14/87	<25	<25	35	<25	<25	13,000	<25	<25	<25	ND	<10	<25	<25	NA	<25	<25	<25
	10/05/87	160	3,900	270	<10	13	<10	<50	<10	<10	ND	<10	<50	<50	<10	<10	36	<10
	10/22/87	<2	17,000	120	<2	<2	<2	<10	<2	<2	ND	<2	<10	<10	<2	<2	<2	<2
	11/04/87	<100	24,000	150	<100	<100	<100	<500	<100	<100	ND	<100	<500	<500	<100	<100	<100	<100
	11/05/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/18/87	<10	8,600	63	<10	<10	<10	<50	<10	<10	ND	<10	<50	<50	<10	<10	41	<10
	12/04/87	<10	10,000	42	<10	<10	<10	<50	<10	<10	ND	<10	<50	<50	<10	<10	38	<10
	12/18/87	<20	12,000	26	<20	<20	<20	<100	<20	<20	ND	<20	<100	<100	<20	<20	50	<20
	12/29/87	<0.5	3,700	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.2	<0.5	<0.5	NA	<0.5	<0.5	<0.5
	01/14/88	<10	6,700	17	<10	<10	<10	<50	<10	<10	NA	<10	<50	<50	<10	<10	34	<10
	01/25/88	63	5,100	190	<10	<10	<10	<50	<10	<10	NA	<10	<50	<50	<10	<10	19	<10
	02/19/88	<20	7,900	42	<20	<20	<20	<100	<20	<20	NA	<20	<100	<100	<20	<20	26	<20
	03/07/88	<20	10,000	52	<20	<20	<20	<100	<20	<20	NA	<20	<100	<100	<20	<20	<20	<20
	04/19/88	<2	11,000	48	<2	<2	<2	<10	<2	<2	NA	<2	<10	<10	<2	<2	39	<2
	05/26/88	<20	10,000	40	<20	<20	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	50	<20
	06/27/88	<20	8,100	42	<20	<20	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	07/26/88	<20	15,000	29	<20	<20	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	08/16/88	<20	12,000	29	<20	<20	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	09/09/88	<10	6,800	23	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	17	<10
	10/24/88	<10	7,800	20	<10	<10	<10	<50	<10	<10	<10	<10	<50	<50	<10	<10	41	<10
	11/11/88	<10	6,100	18	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	24	<10
	11/22/88	<2	6,100	18	<2	<2	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	24	<2
	12/20/88	<10	7,000	17	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	01/04/89	<10	7,000	19	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	20	<10
	01/16/89	<10	7,000	18	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	22	<10
	02/15/89	<10	3,700	12	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	31	<10
	03/01/89	<2	3,200	11	<2	<2	<2	<10	<2	<2	<2	<2	5.8	2.3	<2	2.9	<2	<2
	03/14/89	<2	4,900	11	<2	<2	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	03/27/89	<10	3,700	12	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-8	04/12/89	<10	7,700	11	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	21	<10
	04/24/89	<10	9,700	14	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	25	<10
	06/29/89	<10	4,200	14	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	33	<10
	08/18/89	<2	1,400	24	<2	<2	<2	<10	8.2	<2	<2	<2	3.7	2.0	<2	<2	11	<2
	09/19/89	<2	980	35	<2	<2	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	2.7	<2
	10/11/89	<10	4,900	12	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	25	<10
	10/24/89	<10	4,200	9.5	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	19	<10
	11/07/89	<10	4,200	7.8	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	15	<10
	12/05/89	<10	3,400	7.7	<10	<10	<10	<50	<10	<10	<10	<10	<10	13	<10	<10	21	<10
	04/02/90	<5	2,700	NA	<5	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5
	01/08/91	<10	3,500	8.6	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	05/28/91	<2	2,800	6.8	<2	<2	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	6.0	<2
	07/18/91	<2	2,400	10	<2	<2	<2	<10	<2	<2	<2	<2	2.8	<2	<2	<2	11	<2
	09/18/91	<100	2,800	<0.5	<50	<50	<50	<100	<50	<50	<100	<50	<50	<200	<50	<100	<100	<50
	10/23/91	<2	1,400	6.8	<2	<2	<2	<10	<2	<2	<2	<2	2.7	<2	<2	<2	8.6	<2
	11/07/91	<2	1,600	7.5	<2	<2	<2	<10	<2	<2	<2	<2	3.0	<2	<2	<2	7.5	<2
	12/04/91	<2	1,000	5.5	<2	<2	<2	<10	<2	<2	<2	<2	2.5	<2	<2	<2	5.5	<2
	03/09/92	<2	1,000	20	<2	<2	<2	<10	<2	<2	<2	<2	2.2	<2	<2	<2	9	<2
	04/20/92	<5	2,100	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	05/12/92	<2	1,200	8.1	<2	<2	<2	<10	<2	<2	<2	<2	2.7	<2	<2	<2	9.1	<2
	06/11/92	260	1,000	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	07/09/92	<2	2,000	8.1	<2	<2	<2	<10	<2	<2	<2	<2	2.5	<2	<2	<2	10	<2
	07/20/92	<10	1,700	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10	<10	<10	<10
	08/10/92	18	6,300	410	31	<7	<7	<35	<7	<7	<7	<7	25	21	<7	<7	32	<7
	08/10/92	16.3	8,270	330	23.3	<5	<5	<10	<5	<5	<5	<5	17.6	15.3	<5	<10	<10	<5
	08/24/92	<5	2,100	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	09/22/92	<5	1,840	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	14.0	<5	<10	<10	<5
	12/31/92	<5	5,810	<5	5.27	<5	<5	<10	<5	<5	<5	<5	5.85	11.7	<5	<10	<10	<5
	01/31/93	<500	2,500	<500	<500	<500	<500	<1,000	<500	<500	<500	<500	<500	789	<500	<1,000	<1,000	<500
	02/22/93	<500	2,390	<500	<500	<500	<500	<1,000	<500	<500	<500	<500	<500	<500	<500	<1,000	<1,000	<500
	03/08/93	<5	2,340	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	03/29/93	<500	2,150	<500	<500	<500	<500	<1,000	<500	<500	<500	<500	<500	<500	<500	<1,000	<1,000	<500
	04/12/93	<50	1,820	<50	<50	<50	<50	<100	<50	<50	<50	<50	<50	<50	<50	<100	<100	<50
	04/19/93	<125	2,080	<125	<125	<125	<125	<250	<125	<125	<125	<125	<125	<125	<125	<250	<250	<125
	05/03/93	<125	2,460	<125	<125	<125	<125	<250	<125	<125	<125	<125	<125	<125	<125	<250	<250	<125
	05/25/93	<5	2,130	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	07/12/93	<50	1640	<50	<20	<50	<50	<100	<50	<50	<50	<50	<20	<50	<20	<100	<100	<50
	08/25/93	<100	1,380	<100	<40	<100	<100	<200	<100	<100	<100	<100	<40	<100	<40	<200	<200	<100
	10/19/93	<250	1,790	<250	<100	<250	<250	<500	<250	<250	<250	<250	<100	<250	<100	<500	<500	<250
	11/11/93	<250	1,600	<250	<100	<250	<250	<500	<250	<250	<250	<250	<100	<250	<100	<500	<500	<250
	01/18/94	<5	1,700	<5	<2	<5	<5	<10	<5	<5	<5	<5	<2	<5	<2	<10	<10	<5
	04/22/94	<125	1,610	<125	<50	<125	<125	<250	<125	<125	<125	<125	<50	<125	<50	<250	<250	<125
	09/14/94	<1	2,000	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.9	2.2	<0.5	<1	2.8	<0.5
	12/13/94	<25	2,800	<200	<25	<25	<25	<25	26	<25	<25	<25	<25	<100	<25	<100	<100	<25
	03/07/95	<2	1,800	4.7	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	1.2	<2.5	<0.7	<5.2	2.9	<0.5
	06/06/95	<2	1,300	4.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-8	09/12/95	<10	1,400	<10	<10	<10	<10	<100	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	12/12/95	<100	1,400	<25	<60	<45	<35	<65	<25	<25	<170	<65	<25	<125	<35	<260	<90	<25
	03/12/96	<0.4	1,300	1.3	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	0.7	<10	<0.4	0.4	1.8	<0.4
	06/25/96	<0.4	1,200	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	0.9	<0.4
	08/14/96	130	1,500	75	<40	<40	<40	<100	<40	<40	<40	<40	<40	<1,000	<40	<40	<40	<40
	09/10/96	<0.4	1,000	0.8	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	0.4	<10	<0.4	<0.4	1.2	<0.4
	11/12/96	7.4	1,300	3	<0.4	0.6	<0.4	<1	<0.4	<0.4	<0.4	<0.4	0.9	<10	<0.4	0.5	<0.45	<0.4
	01/28/97	<0.4	<0.4	1.9	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	900	0.8	<10	<0.4	<0.4	0.8	<0.4
	04/10/97	<4	950	<4	<4	<4	<4	<10	5	<4	<4	<4	<4	<100	<4	<4	<4	<4
	07/15/97	<4	950	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<100	<4	<4	<4	<4
	10/15/97	<4	680	<4	<4	<4	<4	<10	<4	<4	<4	<4	<4	<80	<4	<4	<4	<4
	01/13/98	<0.4	730	1	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	<0.4	<0.4	<0.4	<0.4
	05/19/98	<50	400	<12	<30	<22	<18	<120	<12	<12	<85	<32	<12	<62	<18	<130	<45	<12
	07/14/98	<10	582	<10	<10	<10	<10	<100	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	10/27/98	<25	650	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<250	<25	<50	<50	<25
	01/12/99	<12	610	<12	<12	<12	<12	NA	<12	<12	<12	<12	<12	<125	<12	<25	<25	<12
DW-9	12/17/85	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/27/89	<1	2.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1	0.72	<2	<1	<5	<2	<0.5
DW-10	12/17/85	NA	1.3	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/10/88	ND	760	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86
DW-11	12/08/89	<4	340	<4	<4	<4	<4	<20	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
	08/27/91	<40	490	<40	<20	<20	<20	<40	<20	<20	<40	<20	<20	<80	<20	<40	<40	<20
	10/30/91	<20	300	<10	<10	<10	<10	<20	<10	<10	<20	<10	<10	<40	<10	<20	<20	<10
	02/24/92	<2.5	250	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<2.5
	05/21/92	<2.5	240	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<5	<5	<2.5
	09/08/92	<10	260	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<100	<10	<20	<20	<10
	01/26/93	<0.5	240	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/24/93	<1	324	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/25/93	<1	367	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/25/93	<1	5.55	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	11/11/93	<10	149	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<50	<5	<10	<10	<5
	03/02/94	<1	2.21	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	05/16/94	<1	19.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	08/16/94	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	11/15/94	<0.5	1.3	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<2	<0.5
	02/14/95	<20	310	<5	<12	<9	<7	<13	<5	<5	<34	<13	<5	<25	<7	<52	<18	<5
	05/31/95	<2	94	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	08/22/95	<2	<0.5	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	11/16/95	<2	1.1	<0.5	<1.2	<0.9	<0.7	<1.3	<0.5	<0.5	<3.4	<1.3	<0.5	<2.5	<0.7	<5.2	<1.8	<0.5
	02/13/96	<0.4	1.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	05/13/96	<2	<0.4	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	08/13/96	<0.4	4.9	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	11/12/96	<0.4	4.6	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4

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TABLE B.1
(Continued)

WELL NO.	DATE	BROMO-FORM	1,2-DICHLORO ETHANE	ETHYLENE DIBROMIDE	TRICHLORO ETHENE	DIBROMO-CHLORO-METHANE	1,1 DICHLORO ETHANE	2-CHLORO-ETHYL-VINYL ETHER	1,1,1-TRICHLORO ETHANE	TETRA-CHLORO-ETHENE	CIS-1,3-DICHLORO PROPENE	1,1-DICHLORO-ETHENE	CHLOROFORM	METHYLEN CHLORIDE	CHLORO-BENZEN	CHLORO-ETHANE	VINYL CHLORID	1,2-DICHLORO-PROPANE
DW-11	01/28/97	<0.4	90	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	04/09/97	<0.4	0.7	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	07/08/97	<0.4	110	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<10	<0.4	<0.4	<0.4	<0.4
	10/15/97	<0.4	28	<0.4	<0.4	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	<8	<0.4	<0.4	<0.4	<0.4
	01/13/98	<0.4	120	<0.4	<0.4	<0.4	<0.4	<12	<0.4	<0.4	<0.4	<0.4	<0.4	<2	<0.4	<0.4	<0.4	<0.4
	04/13/98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	10/27/98	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5
	01/12/99	<0.5	17	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	<0.5

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