INSTALLATION RESTORATION PROGRAM
TWIN CITIES ARMY AMMUNITION PLANT

FISCAL YEAR 1996 ANNUAL MONITORING REPORT

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protection of privileged information.
Other requests for the documents
must be referred to:**

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Twin Cities Army Ammunition Plant
4700 Highway 10, Suite A
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Prepared for:

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ATTN: SIOTC-CO
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**SEPTEMBER 1997
FINAL REPORT**

Minnesota Pollution Control Agency

VIA FAX

September 4, 1997

Mr. Martin McCleery
Remedial Project Manager
Twin Cities Army Ammunition Plant
4700 Highway 10, Suite A
Arden Hills, Minnesota 55112-3928

RE: Consistency Test for the Fiscal Year 1996 Annual Monitoring Report/
Fiscal Year 1998 Annual Monitoring Plan for the Twin Cities Army Ammunition Plant,
Final Report, August 1997

Dear Mr. McCleery:

Staff at the Minnesota Pollution Control Agency (MPCA) and the U.S. Environmental Protection Agency (U.S. EPA) have reviewed the above-referenced document as well as the change pages dated August 11, 1997, and September 3, 1997, submitted by Wenck Associates, Inc. The change pages reflect the discussions among MPCA, U.S. EPA and Army which took place on August 5, 1997, and on September 3, 1997.

You are hereby advised that, in accordance with Chapter XIV of the Federal Facility Agreement, the Fiscal Year 1996 Annual Monitoring Report/Fiscal Year 1998 Annual Monitoring Plan for the Twin Cities Army Ammunition Plant passes the Consistency Test.

If there are questions or you require additional information, please contact Dagmar Romano at (612) 296-7776 or Tom Barounis (312) 353-5577.

Sincerely

Dagmar Romano
Project Manager
Site Response Section
Ground Water and Solid Waste Division

for Dagmar Romano

Tom Barounis
Remedial Project Manager
U.S. Environmental Protection Agency

DR/TB:ch

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ATTN: SIOTC-CO
Arden Hills, Minnesota 55112-3928

SEPTEMBER 1997
FINAL REPORT

U.S. ARMY CORPS OF ENGINEERS
WENCK ASSOCIATES, INC.

ALLIANT TECHSYSTEMS, INC.
CONESTOGA-ROVERS & ASSOCIATES, LTD.

THE VIEWS, OPINIONS AND/OR FINDINGS CONTAINED IN THIS REPORT ARE THOSE OF THE AUTHOR(S) AND SHOULD NOT BE CONSTRUED AS AN OFFICIAL DEPARTMENT OF THE ARMY POSITION, POLICY, OR DECISION, UNLESS SO DESIGNATED BY OTHER DOCUMENTATION.

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Acronyms

µg/l	-	micrograms per liter
Alliant	-	Alliant Techsystems Inc.
AMP	-	Annual Monitoring Plan
AMR	-	Annual Monitoring Report
BGRS	-	Boundary Groundwater Recovery System
cm/sec	-	centimeters per second
CRA	-	Conestoga-Rovers and Associates, Inc.
EE/CA	-	Engineering Evaluation/Cost Analysis
FCC	-	Federal Cartridge Company
FFA	-	Federal Facilities Agreement
FS	-	Feasibility Study
FY	-	Fiscal Year
GES	-	Global Environmental Solutions, Inc.
gpm	-	gallons per minute
GRPP	-	Groundwater Remediation Program Plan
Interpoll	-	Interpoll Laboratories, Inc.
IRA	-	Interim Remedial Action
IRAP	-	Interim Response Action Plan
IRDMIS	-	Installation Restoration Data Management Information System
IT Corp.	-	International Technology Corporation
MDNR	-	Minnesota Department of Natural Resources
mg/l	-	milligrams per liter
MCES	-	Metropolitan Council Environmental Services
MPCA	-	Minnesota Pollution Control Agency
NPDES	-	National Pollutant Discharge Elimination System
OU1	-	Operable Unit 1
OU2	-	Operable Unit 2
OU3	-	Operable Unit 3
PACE	-	Pace Laboratories, Inc.
PAR	-	Performance Assessment Report
PCB	-	Polychlorinated Biphenyls
PGAC	-	Permanent Granular Activated Carbon
PGRS	-	Plume Groundwater Recovery System
PLC	-	Programmable Logic Controller
PM	-	Preventive Maintenance
PRI	-	Potomac Research, Inc.
QAPP	-	Quality Assurance Project Plan
RA	-	Removal Action
RD/RA	-	Remedial Design/Remedial Action
RI/FS	-	Remedial Investigation/Feasibility Study

Acronyms (Cont.)

ROD	-	Record of Decision
RPD	-	Relative Percent Difference
RRG	-	Recommended Remediation Goal
SCFM	-	Standard Cubic Feet Per Minute
SVE	-	Soil Vapor Extraction
SWCA	-	Special Well Construction Area
TCAAP	-	Twin Cities Army Ammunition Plant
TGRS	-	TCAAP Groundwater Recovery System
TGRSE	-	TGRS Effluent
TGRSI	-	TGRS Influent
TSCA	-	Toxic Substances Control Act
USAEC	-	United States Army Environmental Center
USATHAMA	-	United States Toxic and Hazardous Materials Agency
USEPA	-	United States Environmental Protection Agency
USGS	-	United States Geological Survey
VOC	-	Volatile Organic Compound
Wenck	-	Wenck Associates, Inc.

I. Executive Summary

This Fiscal Year 1996 (FY 1996) Annual Monitoring Report (AMR) summarizes and evaluates data from groundwater and surface water monitoring performed at each of the three operable units at the Twin Cities Army Ammunition Plant (TCAAP). Fiscal Year 1996 is defined as the period from October 1, 1995, through September 30, 1996.

The primary objectives of this report are to assess the performance of the groundwater remedial systems, to characterize groundwater conditions associated with known and potential contaminant source areas at TCAAP, and to assess surface water quality.

Groundwater quality monitoring indicates that volatile organic compounds (VOCs) continue to be the contaminants of primary concern in groundwater associated with TCAAP.

Operable Unit 1 (OU1)

OU1 consists of the "north" plume of VOC groundwater contamination present off the TCAAP installation. The final remedy for OU1 consists of pumping three municipal wells and treating the extracted groundwater through the Permanent Granular Activated Carbon (PGAC) system. Treated water is piped to the New Brighton water supply system for distribution as potable water. One of the three municipal wells is a pre-existing well (New Brighton municipal well #4) while New Brighton municipal well #14 was completed in FY 1996. New Brighton municipal well #15 is scheduled to be completed in FY 1997. Containment is being provided to some degree by pumping well #4 in the interim prior to wells #14 and #15 coming on-line. Water pumped by well #4 is treated by the PGAC. The effectiveness of the OU1 remedy is anticipated to be evaluated for the first time as part of the FY 1997 AMR.

Characterization monitoring performed for OU1 in FY 1996 illustrated that the footprint of contamination has stayed fairly consistent. Trichloroethene concentrations over 100 µg/l are present in the vicinity of the Gross Golf Course, located south of County Road C, which continue to support the interpretation of a second source (besides TCAAP) in this area. In addition, consistent pumping at New Brighton municipal well #13 and a decrease in pumping at New Brighton well #5 and #6 appear to be at least partially responsible for an eastward and southward shift of the trichloroethene plume. Future pumping at the other two wells which make up the OU1 final remedy (New Brighton wells #14 and #15) will prevent the continued eastward migration of contaminants.

Operable Unit 2 (OU2)

OU2 is defined as the TCAAP property, including the groundwater beneath. Activities for OU2 consist of both characterization and remediation work. The OU2 FS is anticipated to be completed in FY 1997 which will document the final remedies. Characterization monitoring will continue until the OU2 remedies are in place, the OU2 Record of Decision (ROD) is finalized, and the OU2 Performance Monitoring Plan is approved. Performance monitoring was conducted during FY 1996 for interim groundwater remediation programs including:

- Site A Removal Action
- Site I Remedial Action
- Site K Remedial Action
- TGRS Remedial Action

The Site A Removal Action (RA), which began operation in FY 1994, consists of eight recovery wells which extract VOC contaminated groundwater for discharge to the sanitary sewer. The system captured the majority of contamination, that if left unimpeded, would migrate off-post. The Site A RA pumped at an average FY 1996 flow rate of approximately 25 gallons per minute (gpm). The system has pumped over 44.2 million gallons of water and removed over 22 pounds

of VOCs since startup. The effluent from the removal action has always met the sanitary sewer discharge limit. For the months of October 1995 and April 1996, data is currently not available to document mercury levels which are less than the sanitary sewer discharge limit of 0.20 µg/l. Of the analytes tested, 1,2-dichloroethene is the only VOC consistently detected in the recovered groundwater (effluent). 1,2-Dichloroethene concentrations are decreasing in the south source area (well 01U102) yet increasing in the north source area (wells 01U350 and 01U108).

Sampling at Site I indicated no significant changes in VOC concentrations in Unit 1 monitoring wells in FY 1996. PCB analyses were conducted at monitoring wells 01U636 and 01U140 with no detections of PCBs reported. These two wells had been dry over the last several years so they had not been sampled.

At Site K, the groundwater extraction trench and treatment system continued to operate as designed. The system captured and treated 3,418,690 gallons of water and maintained a continuous zone of capture downgradient of Building 103. A total of 9.8 pounds of VOCs were removed in FY 1996.

The TCAAP Groundwater Recovery System (TGRS) consists of eight Unit 3 and four Unit 4 recovery wells installed at the southwest boundary of TCAAP, four Unit 3 wells installed downgradient from Sites D and G, and a Unit 3 well installed at Site I. All recovered groundwater is treated via air strippers and water used within the plant is polished using granular activated carbon. Excess water which cannot be used on-post is discharged to the Arsenal Sand and Gravel Pit to create upgradient recharge to the aquifer. The TGRS continued to operate according to the performance criteria in the 1986 ROD. The TGRS creates a continuous zone of capture along the southwest TCAAP boundary that extends beyond the 5 µg/l trichloroethene contour. In FY 1996 the TGRS extracted and treated 1,363,770,000 gallons of water. The mass of VOCs removed was 10,665 pounds. The total VOC mass removed by the TGRS through FY 1996 is 154,957 pounds. The TGRS and the soil vapor extraction systems at Sites D and G also appear responsible for an approximate order of magnitude decrease in VOC concentrations at the

recovery wells downgradient of Sites D and G. The 1,000 µg/l trichloroethene contour has been removed from the 04U map. The northern portion of the plume along the TCAAP boundary continued to shrink in FY 1996 and several wells are now below 5 µg/l of trichloroethene. Beginning in FY 1997, wells B12 and SC4 were shut down due to reductions in the plume size, as per agreements with the MPCA and USEPA.

Surface water monitoring results continue to illustrate the historic trend of no significant contamination.

Operable Unit 3 (OU3)

The final remedy for OU3, the PGRS, began operating on May 3, 1994. The PGRS extracts and treats groundwater at a rate of approximately 1,000 gpm from an extraction well at the leading edge of the south plume. The PGRS effectively contains the leading edge of the south plume. Treated water is pumped into the New Brighton municipal water system for potable use. In FY 1996, a total of 468,966,000 gallons of water were treated by the PGRS, removing 36 pounds of VOCs. PGRS effluent VOC concentrations met or were below all applicable drinking water criteria in FY 1996.

Performance Monitoring

As the final remedies for OU1 and OU2 are implemented (OU3 is already implemented), the monitoring conducted at TCAAP will transform from site characterization monitoring to final remedy performance monitoring. The performance monitoring will be conducted in accordance with the Performance Monitoring Plans developed for the individual operable units in conjunction with the final remedial actions.

By Fiscal Year 1998, this annual report will be a performance monitoring report and will include the annual performance evaluations for each of the three operable units as well as a database of monitoring data from the site. In addition, monitoring information regarding changes to the plume(s) shape, routine monitoring of surface waters, and an evaluation of the effectiveness of other response actions, such as for soils, will be discussed.

II. Introduction

A. PURPOSE

This Fiscal Year 1996 Annual Monitoring Report (AMR) summarizes and evaluates data from groundwater and surface water monitoring performed at the Twin Cities Army Ammunition Plant (TCAAP). Fiscal Year 1996 (FY 1996) extended from October 1, 1995, through September 30, 1996. Monitoring activities were performed in accordance with the "Fiscal Year 1996 Annual Monitoring Plan," submitted as part of the "Fiscal Year 1994 Annual Monitoring Report" (Final Report, September 1995), approved August 30, 1995 (see approval letter in Appendix A.1). The FY 1996 Annual Monitoring Plan is included as Appendix B to this report.

The purposes of this report are to:

1. Assess the performance of groundwater remediation systems at TCAAP including:

   - Operable Unit 2 (OU2)
     - Site A Removal Action
     - Site I Remedial Action
     - Site K Remedial Action
     - TCAAP Groundwater Recovery System (TGRS)

   - Operable Unit 3 (OU3)
     - Plume Groundwater Recovery System (PGRS)

2. Continue groundwater characterization for OU1 and OU2, where final remedies are not yet in place.

3. Provide a source for recent (FY 1994, FY 1995, and FY 1996) groundwater and surface water data from TCAAP monitoring activities.

4. Monitor surface water conditions at sampling locations both at and near TCAAP.

5. Present the Fiscal Year 1998 Groundwater and Surface Water Annual Monitoring Plans for TCAAP.

Monitoring activities and submittal of this report are in fulfillment of the Federal Facilities Agreement (FFA) signed August 12, 1987, between the United States Army (Army), United States Environmental Protection Agency (USEPA), and Minnesota Pollution Control Agency (MPCA). Minor modifications to the FFA were enacted in February 1992 and were discussed in the TCAAP FY 1992 Annual Monitoring Report.

This report represents the collaboration of work performed by the U.S. Army (Army) and Alliant Techsystems Inc. (Alliant). On behalf of the Army, the Corps of Engineers has contracted Wenck Associates, Inc. (Wenck) to prepare Sections II and III of this report. On behalf of Alliant Techsystems Inc., Conestoga-Rovers & Associates (CRA) has prepared Section V. Wenck and CRA both contributed to Sections I, IV, and VI. The Fiscal Year 1996 Annual Monitoring Report consists of this volume, plus a set of 24 plan sheets submitted separately.

B. SITE DESCRIPTION

The Twin Cities Army Ammunition Plant is a government-owned facility located near Arden Hills and New Brighton, Minnesota, in the northern portion of the Minneapolis-St. Paul metropolitan area (Figure II-1 and Plan Sheet 1). The facility occupies approximately a four-square mile area immediately east of U.S. Interstate Highway 35W and north of Minnesota Highway 96. Alliant Techsystems Inc. is the contracted operator and the prime tenant on the installation.

TCAAP was constructed in 1941 to provide small-caliber ammunition for the military needs of the United States. Production began in 1941 and since then has alternated between periods of activity and shutdown. TCAAP has been in standby status since 1976; however, in 1992 its status was changed to "modified caretaker" which indicates that it will no longer be maintained for the production of ammunition.

During periods of activity, solvents were utilized as part of the manufacturing process. Disposal of solvents at the TCAAP site resulted in groundwater contamination which has migrated beyond the site boundary. Groundwater contamination was first discovered in July 1981 at four of the six TCAAP production wells. Since that time, numerous on- and off-post wells have been installed to monitor and assess the movement and remediation of TCAAP groundwater contamination.

A number of known and potential contaminant source areas have been identified on the TCAAP property: Sites A, B, C, D, E, F, G, H, I, J, K, 129-3, 129-5, and 129-15. These sites are shown on Plan Sheet 2.

VOC contamination primarily from three of the sites has traveled in the groundwater in two distinct contaminant plumes. For purposes of remediation, the areas contaminated by activities at TCAAP have been divided into three areas designated "Operable Units". Operable Unit 1

(OU1) encompasses the more northerly and more extensive of the two groundwater contamination plumes off of TCAAP. Operable Unit 2 (OU2) includes all soil and groundwater contamination on TCAAP. OU2 also includes the Site A plume which extends to the west-northwest off-TCAAP in the Unit 1 aquifer. Operable Unit 3 (OU3) includes the second off-post plume which is located south and east of OU1.

The final remedial action for OU1 will include recovering Unit 4 groundwater using two existing New Brighton municipal wells (New Brighton #4 and #14) and one municipal well yet to be completed (New Brighton #15). The recovered groundwater will be treated by an upgraded permanent granular activated carbon (PGAC) system prior to being piped to the New Brighton municipal water supply system. The upgraded PGAC and New Brighton well #15 are scheduled to be completed in FY 1997.

A Feasibility Study (FS) is being prepared for OU2 which is also scheduled to be finalized in FY 1997. The OU2 FS will identify the remedial actions to be implemented on-post.

The final remedy for OU3, the PGRS, became operational on May 3, 1994. The PGRS extracts and treats groundwater from an extraction well at the leading edge of the south plume. Treated water is then pumped into the New Brighton municipal water supply system.

C. HYDROGEOLOGIC UNITS AND WELL NOMENCLATURE

On- and off-post monitoring wells have been installed in several hydrogeologic units beneath the site. These hydrogeologic units, as referred to in this report, are described below:

Unit 1: This unit, referred to as the Fridley Formation, consists of alluvium and lacustrine deposits above the Twin Cities Formation (Unit 2). The formation is made up of fine- to medium-grained sand and clayey silt which acts as an

unconfined aquifer with an estimated hydraulic conductivity of 8.3×10^{-3} cm/sec (International Technology Corp. 1992). The Unit 1 deposits are discontinuous at TCAAP and ranges in thickness from zero to 50 feet. They are predominantly limited to the north, east, and southwest portions of the site. Groundwater in Unit 1 is also discontinuous.

Unit 2: Known as the Twin Cities Formation, (Unit 2) consists of Quaternary aged glacial till and, similar to Unit 1, is discontinuous at TCAAP. Unit 2 is generally regarded as an aquitard to vertical migration of groundwater; however, sand and gravel lenses may contain water.

Unit 3: This unit consists primarily of the Quaternary aged Hillside Sand Formation which is continuous beneath TCAAP. Near the center of TCAAP, the Hillside Sand Formation is overlain by the Arsenal Sand, which forms a kame. There is no distinct lithologic contact between the Hillside Sand and the Arsenal Sand, and both are considered included in Unit 3. Unit 3 ranges in thickness from 25 to 450 feet. For monitoring purposes, the Unit 3 aquifer thickness has been arbitrarily subdivided into thirds designated as upper, middle, and lower.

Unit 4: This unit consists collectively of bedrock from the Prairie du Chien Group and Jordan Formation (Ordovician and Cambrian periods, respectively). For monitoring purposes, the Prairie du Chien Group is referred to as Upper Unit 4, while the Jordan Formation is Lower Unit 4. The Jordan Formation varies from fine- to coarse-grained quartz sandstone. The Prairie du Chien Group in the TCAAP area consists of a finely crystalline dolomite of the Oneota Formation, as well as quartz sandstone and dolomite members of the Shakopee Formation. A more detailed description of the bedrock geology can be found in the Remedial Investigation Report (Argonne National Laboratory, 1991).

In order to identify the hydrogeologic unit in which each well is completed, the United States Army Environmental Center (USAEC), formerly the United States Army Toxic and Hazardous Materials Agency (USATHAMA), developed a standardized identification system for wells at TCAAP. Well designations consist of six characters, such as 03U093. The first two characters represent the hydrogeologic unit in which the well is completed, as follows:

01	-	Unit 1
03	-	Unit 3
04	-	Unit 4: Prairie du Chien Group or Jordan Formation
PJ	-	Unit 4: Prairie du Chien Group and Jordan Formation

The third character represents the relative position of the well screen or open hole within the specified hydrogeologic unit, as follows:

U	-	upper portion
M	-	middle portion
L	-	lower portion
J	-	Jordan Sandstone
F	-	fully penetrating Unit 3
#	-	open hole (total or partial thickness)

The remaining three characters represent the well number, as follows:

001 thru 500	USAEC wells and additional wells installed by others adjacent to an existing well with the 001-500 designation.
501 thru 600	TCAAP wells.
601 thru 800	On-post Alliant Techsystems Inc. wells.
801 thru 999	Off-post Alliant Techsystems Inc. wells.

Off-post wells installed by parties other than USAEC, TCAAP, or Alliant Techsystems Inc. are designated by their Minnesota unique number. A well-designation cross-reference guide is included as Appendix C, which lists all wells of concern, the USAEC designation or Minnesota unique number, and any other name(s) the wells may have. Well locations are illustrated on Plan Sheets 2 and 3.

D. DATA MANAGEMENT AND PRESENTATION

A monitoring program was initiated in January 1984 by USAEC to obtain water level and water quality data at TCAAP. Each year has been divided into quarters with each quarter assigned a number. Accordingly, FY 1996 was comprised of Quarter 49 (October through December), Quarter 50 (January through March), Quarter 51 (April through June), and Quarter 52 (July through September). Water sampling and water level measurements are conducted in accordance with the TCAAP Quality Assurance Project Plan (Argonne National Laboratory, 1988).

Data collected at TCAAP is stored in the USAEC Installation Restoration Data Management Information System (IRDMIS). The IRDMIS is managed by Potomac Research, Inc. (PRI) on behalf of USAEC.

In an effort to reduce the bulk of this document, it was agreed during the regulator comment period on the FY 1994 AMR that this report would only contain data for the current years and two previous years. This suggestion has been incorporated in the tables for the FY 1996 AMR. In addition, the MPCA and EPA have been provided with one computer disk set which includes all water level data, and all organic and inorganic groundwater quality data collected since Quarter 16 (1987). The Army will maintain the original data set and additional copies of the data set can be provided upon request.

1. Groundwater Levels

a. Data Collection and Management

Groundwater level measurements in FY 1996 were performed at monitoring wells and piezometers in accordance with the FY 1996 Annual Monitoring Plan. A copy of this plan is included as Appendix B.

The FY 1996 Annual Monitoring Plan established the monitoring responsibilities for both,

- The Army (to be performed by Alliant the contracted operator)
- Alliant - the tenant and responsible party

In FY 1996, Alliant Techsystems took over acting as the contracted operator of TCAAP from Federal Cartridge Company.

Water level monitoring in FY 1996 was conducted by CRA for both parties.

For each assigned well, CRA measured the depth to water from the top of the well casing. Using the distance from the top of the casing to the ground surface, which is surveyed when each well is constructed, CRA determined the depth to water from the ground surface. This information was then submitted to PRI for entry into the IRDMIS. The IRDMIS contains ground-surface elevations measured to tenths of a foot.

For preparation of this Fiscal Year 1996 Annual Monitoring Report, Wenck received groundwater elevation data from CRA via modem. CRA retrieved the data directly from the IRDMIS. Data was then converted into Lotus 1-2-3 format to permit preparation of

the groundwater elevation data table (Table II-1). The groundwater elevation data table presents the data for FY 1994, FY 1995, and FY 1996, as agreed to by the regulators.

To permit comparison between what monitoring was planned and what data was collected, notations have been added to the FY 1996 Annual Monitoring Plan (Appendix B) to indicate the data which are contained in the groundwater elevation data table (Table II-1). The rationale for samples not being collected are provided in the quarterly monitoring reports sent to the regulators under separate cover.

b. Hydrographs

Figures were prepared to illustrate hydrographs for select Unit 1 monitoring wells and all recovery wells at Site A. These hydrographs are discussed further in Section IV.A.1 of this report. Hydrographs for other wells, at locations selected by the contractors and regulatory agencies, are presented in the appendices as supporting information for evaluation of the TGRS in Section IV.

c. Groundwater Elevation Contour Maps

As indicated in the FY 1996 Annual Monitoring Plan (Appendix B), extensive water level monitoring was performed during Spring 1996 (Quarter 51) and Summer 1996 (Quarter 52) for OU1 and OU2, and Quarter 49 and Quarter 51 for OU3. The groundwater elevation data from Quarter 51 and Quarter 52 was used to prepare contour maps to illustrate groundwater flow directions. Future monitoring is focused on monitoring in two primary quarters (fall and spring) per year.

Groundwater elevation contour maps were prepared using Quarter 51 and Quarter 52 data for OU2 (on-post), and using Quarter 51 data for combined OU1/OU3 (off-post). Individual maps were developed for Upper Unit 3, Lower Unit 3, and Upper Unit 4.

These maps are presented as plan sheets and figures. The figures are simply photo reductions of the plan sheets and are intended to provide the reader with a general illustration of the groundwater flow conditions. For detailed review of wells and data, the reader should refer to the plan sheets. The on-post groundwater elevation contour maps were prepared by CRA while the off-post contour maps were prepared by Wenck. The on-post contour maps are discussed further in Section IV of the report while the off-post contour maps are discussed in Sections III and V of the report.

Groundwater elevation contour maps were not prepared for the Middle Unit 3 aquifer since there are not enough wells screened in this aquifer to justify contouring. However, the data from Middle Unit 3 wells are shown in parentheses on the Lower Unit 3 contour maps. The Middle Unit 3 elevations were not used to derive the contour lines, unless there were no nearby Lower Unit 3 wells to rely upon. In general, the difference in water levels between Middle Unit 3 and Lower Unit 3 is insignificant.

For the same reason, wells completed in the Jordan aquifer (04J), and wells completed as open holes intersecting both the Prairie du Chien and Jordan (PJ#), were not used for preparing the Upper Unit 4 groundwater elevation contours. These elevations are shown on the Upper Unit 4 contour maps with the data in parentheses.

2. Groundwater Quality

a. Data Collection and Management

Groundwater quality samples were collected at monitoring wells during FY 1996 in accordance with the FY 1996 Annual Monitoring Plan, a copy of which is included as Appendix B. The plan established the monitoring responsibilities for both Alliant - the contracted operator and Alliant - the tenant and responsible party. The intent was to

delegate monitoring at each well in order to avoid duplication of effort. The Army responsibility is being met by Alliant - the contracted operator.

Groundwater quality sampling performed at monitoring and remedial wells and groundwater treatment systems was conducted in accordance with the TCAAP Quality Assurance Project Plan (QAPP) (Argonne, 1988). The TCAAP QAPP dictates the following sampling requirements:

- well purge volume
- groundwater stabilization monitoring (pH, specific conductance, temperature)
- container types
- preservation method
- sample custody

Field blanks and other miscellaneous blanks data generated for quality assurance/quality control purposes for organics, inorganics and PCBs are contained in Appendix D.1, D.2, and D.3, respectively.

Appendix E summarizes the individual parameters included within each analytical category (or family of related parameters) as indicated on the Groundwater Quality Monitoring Plan. Halogenated volatile organic compounds (Category 1) were the parameters of primary interest, while select wells were sampled for aromatic volatile organic compounds (Category 7), metals (Category 2), cyanide (Category 4), and polychlorinated biphenyls (Category 5). Site A also included sampling for mercury (Category 3) and zinc (Category 9).

Groundwater sampling was conducted by CRA for both parties and the analysis was performed as follows:

Interpoll Laboratories, Inc.	- Surface water analysis in October 1995.
Pace Laboratories, Inc.	- Groundwater analysis October 1995 - May 1996 - Surface water analysis November 1995 - May 1995
DataChem Laboratories	- Groundwater and surface water analysis June 1996 - September 1996

All laboratory data was submitted to PRI for entry into the IRDMIS. Data validation is conducted through IRDMIS in accordance with procedures and requirements outlined in the TCAAP QAPP. The data validation process involves constructing control charts of tabulated data and analyzing the data to insure that it meets certain Record Check Requirements and Group Check Requirements. During Quarter 51, a group of data for the compound trichloroethene failed the QA/QC check due to unacceptable spike recoveries. The trichloroethene results appear reasonable and are being manually reviewed to allow the data to be approved for future use. The data is currently shown in various tables, figures, and appendices with an R designation to denote currently rejected data. The data was not used in preparation of the FY 1996 AMR. For a more detailed description of the data validation process, the TCAAP QAPP and the IRDMIS User's Guide should be consulted. After entry into the IRDMIS, CRA retrieved the data and provided it to Wenck via modem.

All groundwater quality data received by Wenck was converted into Lotus 1-2-3 format to permit preparation of tables. Organic groundwater quality data for FY 1996 is presented in Table II-2; Table II-3 presents inorganic groundwater quality data; and Table II-4 presents PCB groundwater quality data.

As an additional quality assurance check, Wenck calculated the relative percent difference (RPD) for all duplicate samples collected in FY 1996. The FY 1996 duplicate

sample data and RPD for each well are presented in Appendix D.4. An RPD of 25 percent was used as a trigger for further review. All RPD values greater than 25 percent are highlighted in Appendix D.4. In the case of no detection, the detection limit for the particular analysis was used in the RPD calculation. Appendix D.4 shows that many of the RPD values are greater than 25 percent, however, in most cases this was not sufficient cause to invalidate the data. All RPD values greater than 25 percent are highlighted in Appendix D.4.

To permit comparison between what monitoring was planned and what data were made available to Wenck, notations have been added to the FY 1996 Annual Monitoring Plan (Appendix B) to indicate the data which are not in the groundwater quality data tables (Tables II-2, II-3, and II-4). For data which was not collected, due to inaccessible wells, sampling oversite, etc., the quarterly sampling reports provided to the regulators under separate cover detail the specific reason for missed data.

b. Exceedances of Groundwater Action Criteria

Groundwater action criteria, as defined by the FFA, are in affect while TCAAP is conducting the Remedial Investigation and Feasibility Study phases. During FY 1996, the Feasibility Study (FS) was being completed, and as such, the groundwater action criteria are discussed in this years report. During FY 1997, the FS was completed and therefore, the FY 1997 AMR will include discussion of the Recommended Remediation Goals (RRGs) as developed in the FS.

In accordance with Attachment 3 of the FFA, all FY 1996 exceedances of the action criteria in FY 1996 as set forth in Table 3.7A of the FFA have been designated on Table II-2 and II-3 by shading. The action criteria are only intended to indicate locations where continued monitoring may be required. In most instances, particularly on-post, the exceedances are already being addressed by Interim Remedial Actions or by the Site A

Removal Action. The action criteria are not intended to be cleanup levels. As stated in previous AMRs, in some cases the method detection limits (MDLs) for select parameters exceed the action criteria. With the completion of the OU2 FS and the implementation of the RRGs, a careful review of laboratory methods is being performed to ensure that MDLs are less than the RRGs.

c. Groundwater Quality Contour Maps and Cross-Sections

As indicated on the FY 1996 Annual Monitoring Plan (Appendix B), the most extensive sampling event performed during FY 1996 was in June (Quarter 51) when approximately 60 percent of the available monitoring points were sampled. The groundwater quality data from Quarter 51 were used to prepare contour maps to illustrate the spatial distribution of groundwater contamination. Appendix B indicates missing data, and the quarterly monitoring reports provide documentation on why this data was not collected. A total of 41 locations were not sampled out of 423 planned for FY 1996. Overall completion was 90 percent.

Groundwater quality contour maps were generated by hand, based on the observed contaminant concentrations and the familiarity with the site. The extent of site contamination based on past history was also taken into consideration during the preparation of the contour maps.

Contour maps are provided for trichloroethene, as this is the principal contaminant on a concentration basis. Contour maps were prepared by Wenck for OU2 (on-post) and OU1/OU3 combined (off-post), with individual maps for Upper Unit 3, Lower Unit 3, and Upper Unit 4. These maps are presented as plan sheets and as figures. The figures are simply photo reductions of the plan sheets and are intended to provide the reader with a general illustration of the groundwater quality conditions. For detailed review of wells and data, the reader should refer to the plan sheets.

The Minnesota Pollution Control Agency and the U.S. Environmental Protection Agency agreed to discontinue mapping of 1,1,1-trichloroethane as part of the FY 1996 AMR. The regulators see no anticipated need for 1,1,1-trichloroethane mapping of OU2 and will evaluate the future need for OU1 and OU3.

Contaminant concentrations for Middle Unit 3 wells for Quarter 51 are shown in parentheses on the Lower Unit 3 contour maps, but were not used for contouring purposes except when no Lower Unit 3 wells are in the vicinity. Similarly, wells completed in the Jordan aquifer (04J) and wells completed as open holes intersecting both the Prairie du Chien and Jordan aquifers (PJ#) are shown with the data in parentheses on the Upper Unit 4 maps, but were not used to develop contour lines.

Contaminant concentrations at recovery wells are also shown in parentheses on the maps, but were not used to prepare the isoconcentration contours. Concentrations of recovery wells generally represent an average contaminant value for all groundwater being drawn to the well; hence, the concentrations do not necessarily represent a discrete location or depth.

To complement the groundwater quality contour maps, cross-sections have been prepared to illustrate the vertical distribution of groundwater contamination. One section line passes through the source area at Site G and follows the north plume (OU1) off-post, extending past Gross Golf Course (well 200812). A second section line passes through the source area at Site I and traces the south plume (OU3) off-post through the Plume Groundwater Recovery System (PGRS). A third area where cross-sections were prepared is at Site A. Geologic information and the positions of well screens and open holes were taken from well logs obtained from the MPCA, the Army, and CRA.

The cross-sections, along with contoured trichloroethene data from June 1996 (Quarter 51), are presented as plan sheets with reductions presented as figures. Further

discussion of the groundwater quality contour maps and cross-sections is provided in Sections III, IV, and V of this report.

For Site A, isoconcentration contour maps were developed for 1,2-dichloroethene, trichloroethene, and tetrachloroethene as these are the principal contaminants at Site A. Site A cross-sections were also prepared which illustrate 1,2-dichloroethene since it is most dominant. Contour maps for Site A were prepared only for Unit 1 since this is the only contaminated aquifer. Benzene is also a contaminant of concern. A comprehensive sampling event for benzene was performed in FY 1994 which was contoured as part of the FY 1994 AMR. Further discussion of the Site A groundwater quality is provided in Section IV.A.1 of this report.

d. Water Quality Trend Figures

Water quality trend figures have been prepared for select wells and analytes to illustrate changes in concentrations versus time.

Nearly all trends illustrate trichloroethene concentrations since this compound is the primary indicator of contamination for most of the study area. At Site A, trends for additional VOC parameters were prepared. Wells were generally selected to represent conditions near known source areas, the southwest boundary area, and off-post.

Further discussion of the water quality trend figures is included in Section IV.

3. Surface Water Quality

Surface water monitoring during FY 1996 consisted of sampling at fifteen locations including six locations required by the TCAAP National Pollutant Discharge Elimination System (NPDES) permit. The NPDES permit required that the effluent from the Site K Remedial Action System

(discharge location 20201 at Building 103) be shown to remove 98 percent of all VOCs with a daily minimum removal efficiency of 95 percent. Five additional stormwater discharge locations (20100 thru 20500) are required to be monitored for the following:

Parameter	Discharge Limitation
Flow	
Dissolved Oxygen	
Total Suspended Solids	
pH	6.0-9.0

Note only pH has a discharge limitation, the other parameters are to be monitored to evaluate potential future treatment.

An additional nine locations not required by the NPDES permit were monitored by Alliant. The sampling point locations are discussed later in Section IV.B.4.c of this report. Monitoring is performed for VOCs, polychlorinated biphenyls (PCBs), metals, radionuclides, and various inorganic parameters.

Surface water quality samples were collected in accordance with the TCAAP QAPP. Similar to groundwater sampling, the TCAAP QAPP dictates the following sampling requirements:

- sampling methods for various parameters
- container types
- preservation method
- sampling custody

The surface water laboratory analysis was performed by Interpoll, PACE, and DataChem as discussed earlier. All data for NPDES monitoring were submitted to PRI for entry into the IRDMIS. CRA retrieved the data from the IRDMIS and provided it to Wenck via modem. The

data were converted into Lotus 1-2-3 format and are presented as Table II-5 (PCB data), Table II-6 (organic data), and Table II-7 (inorganic data). Further discussion of surface water quality data is presented in Section IV.B.4.c of this report.

Note that an NPDES permit is no longer in effect at TCAAP, however, one point, the Site K remedial system effluent must still meet the substantive requirements of the permit.

4. Groundwater Pumping

Groundwater pumping data was collected to aid in evaluating the effect which the pumping has on the shape and migration of the contaminant plume. The data was compiled primarily from a database maintained by the Minnesota Department of Natural Resources (MDNR). The MDNR database includes all permitted wells in Minnesota. Permits are required for wells with pumping rates greater than 10,000 gallons per day or 1,000,000 gallons per year.

The MDNR anticipates having 1996 pumping data available in April-May 1997. This information will be added to the FY 1996 AMR when it becomes available.

Groundwater pumping data was obtained directly from the Cities of New Brighton and St. Anthony and not from the MDNR database. As shown by the data in Table II-8, the pumping from these two municipalities historically includes the vast majority of the groundwater use in the vicinity of the TCAAP plume.

The groundwater pumping data is presented in Table II-8. The table includes all permitted wells in the vicinity of the plume and is divided into "High Capacity Wells" and "Other Wells." High capacity wells are defined as those wells with a permitted pumping rate of greater than or equal to 50 gallons per minute. The pumping wells that encompass the TGRS and PGRS are not included in Table II-8.

III. Operable Unit 1 Performance Evaluation

A. DESCRIPTION OF THE REMEDIAL ACTION

The OU1 remedy will incorporate the pumping of three New Brighton municipal wells within the plume and treating the contaminated water using an upgraded permanent granular activated carbon (PGAC) system. The PGAC treatment, along with iron and manganese removal, will introduce the water into the New Brighton municipal water supply system for potable consumption by area residents. Two of the three wells are existing municipal wells: New Brighton municipal well #4 (MN unique #206792) and municipal well #14 (MN unique #554216). The final well (New Brighton municipal well #15) is scheduled to be constructed in FY 1997. New Brighton well #4 is a Prairie du Chien/Jordan aquifer well, well #14 is a Prairie du Chien aquifer well, and well #15 is planned as a Prairie du Chien aquifer well. The locations of the three recovery wells and the PGAC system are approximately 1/3 mile south of Interstate 694 near Silver Lake Road, as shown on Plan Sheet 3.

The OU1 remedy will also include the abandonment of industrial/private/commercial water supply wells affected by the plume and connection of the affected parties to municipal water supply systems (Montgomery Watson, July 1994). Lastly, the OU1 remedy includes a new Special Well Construction Area (SWCA) which went into effect July 1, 1996. The SWCA was developed by the Army, MPCA, and the Minnesota Department of Health to restrict well construction and/or modification to existing wells in the affected aquifers. A copy of the SCWA is included in Appendix A.2.

The OU1 remedy is part of the New Brighton water supply system, and as such, New Brighton has taken the lead on the design and construction of the system and will be responsible for

operation of the system once it comes on-line. New Brighton has contracted Barr Engineering to provide design and construction oversite services. The OU1 remedy is being paid for by the Army. All parts of the OU1 remedy are anticipated to be completed by FY 1997. In FY 1996, one of the three remedial wells (New Brighton #4) was pumping, along with the other municipal supply wells shown in Table II-8.

B. OBJECTIVES

For OU1, the major components of the selected remedy include the following:

- Providing an alternative water supply to residents with private wells within the North Plume (Alternate Water Supply and Abandonment Plan).
- Implementing drilling advisories that would regulate the installation of new private wells within the North Plume as a Special Well Construction Area.
- Extracting groundwater at the containment boundary in the North Plume near County Road E.
- Pumping the extracted groundwater to the Permanent Granular Activated Carbon (PGAC) Water Treatment Facility in New Brighton for removal of VOCs by a pressurized GAC system.
- Discharging all of the treated water to the New Brighton municipal water supply distribution system.
- Monitoring the groundwater to verify the effectiveness of the remedy.

The specific contaminant cleanup standards to be attained in the aquifer before the remedy can be considered complete:

Contaminant	Cleanup Standard (µg/l)
1,1-Dichloroethane	70
1,1-Dichloroethene	6
Cis-1,2-dichloroethene	70
1,1,1-Trichloroethane	200
1,1,2-Trichloroethane	3
Trichloroethene	5

The point of compliance will be along the containment boundary created by the combined pumping of the existing New Brighton wells 3, 4, and 14, and the future well 15 (Walker, 1993).

C. RELEVANT ACTIVITIES DURING FY 1996

During FY 1996, several activities were undertaken in preparation for the implementation of the final OU1 remedial action. These activities followed the finalization of the OU1 FS on July 2, 1993, and the OU1 Record of Decision (ROD) on September 30, 1993. Activities initiated included moving forward on Alternate Water Supply Well/Well Abandonment work, establishing the Special Well Construction Area, completing the TCAAP well inventory - 1995 update, well sealing, construction of production wells, and construction of the upgraded PGAC facility and associated facilities.

The Off-Post Monitoring Well Design Final Report was completed by Montgomery Watson and distributed March 1996. The Montgomery Watson report included well design and locations for wells necessary to monitor the OU1 final remedy. The locations for the proposed wells (MW-1 thru MW-8) are shown on Plan Sheet 3.

The PGAC facility is being expanded under the supervision of Barr Engineering. The expanded facility is scheduled for startup in FY 1997. The second of three production wells which will

make up the OU1 remedy was constructed. This well, City of New Brighton well #14 (unique #554216) is located at Grid T-23 on Plan Sheet 3 and began pumping in FY 1997.

The Army has sealed several wells in OU1 which are no longer needed for monitoring. Thein Well Company was contracted to seal the following wells in October 1995:

MN Unique Number	Well Number
234425	Lee
420707	MPCA 7U1
420709	MPCA 7U2
420710	MPCA 7M2
420711	MPCA 7L2
420713	MPCA 16U2
420706	MPCA 15U2
420704	MPCA 16U2
151568	Arden Manor Trailer Park
234431	Harstad
234455	Chapman
234430	Cmiel

The Lee and Cmiel wells (234425 and 234430 respectively) are shown on Plan Sheet 3. All other sealed wells were not part of the TCAAP groundwater monitoring program and as such are not shown on AMR maps.

D. MONITORING

1. Groundwater

FY 1996 monitoring was performed in accordance with the Monitoring Plan with comments and exceptions noted in Appendix B and the quarterly monitoring reports submitted to the regulators separately.

2. Treatment System

The upgraded PGAC system is scheduled to start operating during FY 1997. However, the PGAC has been treating the New Brighton municipal water supply for a number of years. It is intended that once the final OU1 remedy is operating, a summary of the treatment system (PGAC) operation will be included.

E. PERFORMANCE EVALUATION

1. Hydraulic Performance

The discussion presented regarding hydraulic performance of OU1 incorporates some aspects regarding OU3 simply due to their proximity.

a. Upper Unit 3

Figure III-1 (Plan Sheet 4) presents the groundwater elevation contours in Quarter 51 for off-post Upper Unit 3. Groundwater elevations determined during Quarter 51 allow assessment of flow directions in the area southwest of TCAAP, extending approximately one mile to near Interstate 694.

The general groundwater flow direction in Upper Unit 3 is to the southwest, which is consistent with last year's interpretation.

Groundwater elevations in Upper Unit 3 are approximately the same as illustrated in FY 1995. Horizontal hydraulic gradients calculated from groundwater elevation contours at various off-post locations are similar to last year's and indicate a range of approximately 0.004 to 0.002 feet per foot.

b. Lower Unit 3

Figure III-2 (Plan Sheet 5) presents off-post Lower Unit 3 groundwater elevation contours for Quarter 51. The groundwater flow direction in Lower Unit 3 is generally to the southwest, similar to that of Upper Unit 3. Local variations include a somewhat more westerly component near the TCAAP boundary, shifting to a southerly direction near the middle of Long Lake. Overall, groundwater elevations of this unit are approximately 1 foot higher than last year. Horizontal hydraulic gradients calculated from the groundwater elevation contours at various off-post locations indicate a range of approximately 0.004 to 0.0007 feet per foot.

c. Upper Unit 4

Figure III-3 (Plan Sheet 6) presents off-post Upper Unit 4 groundwater elevation contours for Quarter 51. The off-post groundwater flow pattern is, in general, similar to the findings of the past several years with an overall flow to the southwest. The general groundwater flow direction ranges from south to southwest near TCAAP. West of Silver Lake Road, the flow direction begins a gradual southward shift, which is likely in response to pumping at New Brighton municipal wells #3 - #6 (206793, 206792, 206796, and 206797, respectively). Pumping influences are also observed in groundwater contours 830 and 831 on Figure III-3 (Plan Sheet 6). This is the result of pumping at

New Brighton well #13 (520931) which is the OU3 PGRS recovery well that in 1996 was the city's primary well and supplied almost 40 percent of their total water pumped. See Table II-8. No distinct pumping influences are observed in the vicinity of the St. Anthony municipal well #3 - #5 (200804, 200803, and 200524, respectively).

Groundwater elevations in the area from the southwest TCAAP boundary to approximately Pike Lake were generally 0.4 to 1.9 feet greater than last year's elevations. The area roughly south and west of Pike Lake displayed groundwater elevations that were generally approximately one foot lower than last year's data. This is likely due to pumping at New Brighton wells #3 - #6 as shown on Figure III-3 (Plan Sheet 6).

Horizontal hydraulic gradients calculated for the groundwater elevation contours at various locations indicate a range of approximately 0.004 to 0.0007 feet per foot.

An anomalous water level measurement from monitoring well 409549 was not used for contouring as shown in Figure III-3 (Plan Sheet 6). This well is historically approximately three feet lower than expected, which may be a function of its surveyed elevation.

2. Impact on Groundwater Quality

The purpose of this section is to discuss the performance of the remedial action system for OU1. However, since only one of the three extraction wells was operating during FY 1996, the following discussion is an overall characterization of the OU1 plume, similar to previous years. The discussion focuses on VOC contamination and is based primarily upon the groundwater quality contour maps presented as Figures III-4 through III-6 (Plan Sheets 7 through 9) and cross-section A-A' presented on Figures III-7 (Plan Sheet 10).

The cross-section provides a perspective of the vertical extent of the trichloroethene concentrations roughly along the axis of OU1. The cross-section also shows the wide range of elevations that the upper, middle, and lower wells are screened at, indicating that the well designation alone is not necessarily an accurate indication of screened intervals.

VOC contamination primarily from three sites (D, G, and I) has traveled in the groundwater in two distinct contaminant plumes: a "north plume" which originates on-post from Sites D and G, and a "south plume" which originates from Site I. OU1 encompasses the north plume off-post. The on-post VOC contamination associated with the "north plume" is discussed later in Section IV (OU2). Discussion of VOC contamination associated with the "south plume" (OU3) will be discussed in Section V.

a. Upper Unit 3

Trichloroethene continues to be the most prevalent contaminant with respect to concentration values. The groundwater quality contour map of trichloroethene concentrations in Upper Unit 3 is presented as Figure III-4 (Plan Sheet 7). The trichloroethene concentrations are also presented on Figure III-7 (Plan Sheet 10) as cross-section A-A' which is constructed roughly along the axis of the "north" (OU1) plume.

During FY 1996, the trichloroethene concentration varied from <0.56 µg/l to 1,600 µg/l, with the highest concentration being present at 409550, downgradient of TCAAP.

Figure III-4 (Plan Sheet 7) shows the north plume (OU1) extending off-post approximately 1.2 miles in a gradual westward to southwestward arc as it has in previous years. Although the entire off-post plume appears to have shifted slightly eastward this year, the overall length of the plume has remained constant. The shift eastward is largely due to the detection at 03U831 (148.00 µg/l) located northwest of the intersection of Interstates 35W and 694. This location had been <1 µg/l in FY 1994 and FY 1995. This

shift may be due to the change of pumping eastward with the largest New Brighton municipal pumping occurring at New Brighton well #13 to the east and the decrease of pumping at New Brighton wells #5 and #6 to the west. This pumping shift was the most obvious change placed on the aquifer system which may explain the shift in the OU3 plume.

b. Lower Unit 3

The contour map for trichloroethene concentrations in Lower Unit 3 is provided as Figure III-5 (Plan Sheet 8). Recovery wells and Middle Unit 3 wells are also shown on the plan sheets, but were not used for contouring purposes. Cross-section A-A', which includes horizontal and vertical trichloroethene distribution in Lower Unit 3, is shown on Figure III-7 (Plan Sheet 10). During FY 1996, the trichloroethene concentration varied from <0.56 µg/l to 175.00 µg/l, with the highest concentration being observed at well 03L853, located east of Long Lake.

The north plume (OU1) gradually curves southward towards the southeast edge of Long Lake, as shown on Figure III-5 (Plan Sheet 8). An increase of the trichloroethene concentration at well 03L806 has resulted in a shift of the 100 µg/l contour around this well as it was prior to FY 1995. Similarly, the increase of trichloroethene concentration at wells 03L853 and 03L822 (located east of Long Lake) has caused the outward shift of the 100 µg/l contour, which can be seen in Figures III-5 and III-7 (Plan Sheets 8 and 10), respectively.

Cross-section A-A' (Figure III-7 and Plan Sheet 10) shows that the 100 µg/l contour for the north plume dives into the Unit 4 slightly upgradient of well 409556. Well 409556 is the approximate location where Unit 3 is shown to pinch out. The cross-section also shows that the portion of the north plume, represented by the 1,000 µg/l contour, continues to flow above well 03M806 as it did last year. This effect appears to be due to

a less permeable clayey zone that causes the plume to flow around it. However, well 03L806 displayed an increase in trichloroethene concentration from 80.00 µg/l in FY 1995 to 142.00 µg/l in FY 1996. Also in this general vicinity, the 100 µg/l contour was expanded, as compared to FY 1995, to include well 03L853.

A 1,000 µg/l contour was added and the 100 µg/l contour was enlarged in Unit 3 as shown on cross-section B-B' near well 03M848. Well 03M848 is located west of Round Lake and monitors the OU3 plume.

c. Upper Unit 4

The contour map for trichloroethene concentrations in Upper Unit 4 is included as Figure III-6 (Plan Sheet 9). Cross-section A-A' with trichloroethene contours is presented as Figure III-7 and Plan Sheet 10. During FY 1996, the trichloroethene concentration varied from <0.56 µg/l to 690 µg/l, with the highest concentration observed at well 04U844 located east of Long Lake.

Figure III-6 (Plan Sheet 9) indicates that the 1 µg/l contour encompasses both the "OU1" and "OU3" plumes migrating southwest away from TCAAP. The 10 and 100 µg/l contours show separation between the two plumes near TCAAP, but further south, in the vicinity of well 04U861, the 10 µg/l contours indicate a gradual merging of the two plumes. Further south, the plumes diverge once again as evidenced by a concentration of 2.84 µg/l at well 409548. The easternmost 10 µg/l contour plume is shown extending down to the PGRS recovery well (New Brighton well #13) since the influent for the PGRS is currently approximately 10 µg/l.. The low concentration in the vicinity of well 04U846 and 409548 continues to suggest this is an area of relatively lower hydraulic conductivity in the Prairie du Chien aquifer, perhaps a less fractured zone or indicative of a facies change.

Figure III-6 (Plan Sheet 9) illustrates that the north plume swings southward away from TCAAP and apparently bends back westward in the vicinity of Long Lake. The westward shift of the plume is most likely in response to pumping at New Brighton municipal wells #3 - #6 (206793, 206792, 206796, and 206797, respectively).

The FY 1996 100 µg/l contour was enlarged as compared to FY 1995 due to the increase of trichloroethene levels at wells 04U871, 04U872, and 04U877. The levels observed are different from the past two years, but, levels of this magnitude have been observed in this area in the past. This may be due to a decrease in pumping at the western limit of the 100 µg/l contour at New Brighton wells #5 and #6 (MN Unique 206796 and 206797, respectively) and the strong pumping to the east at New Brighton municipal well #13 (520931). This effect is expected to be temporary as pumping at New Brighton well #14 (554216), which began in FY 1997, and New Brighton #15, which is scheduled to begin pumping in FY 1997, will prevent further eastward and southward migration.

FY 1996 data continues to justify the removal of the 1,000 µg/l contour from Figure III-6 (Plan Sheet 9) near the 806 well nest as concentrations were still less than those observed in FY 1994. These trends will be discussed further with respect to the OU2 TGRS system.

The 10 µg/l and 1 µg/l contours suggest that the north plume bends southward once more in the vicinity of well 206797, probably in response to pumping of St. Anthony municipal wells located further south near Silver Lake Road.

A 100 µg/l contour around the Gross Golf Course wells (200812, 04U834, and 512761) was reinstated in FY 1996 as a result of increased concentrations at these wells. However, the concentrations in FY 1996 are still much higher than those upgradient as shown on Figure III-6 (Plan Sheet 9) and cross-section A-A' on Figure III-7 (Plan Sheet 10). These higher concentrations continue to provide evidence for a separate

source of trichloroethene which is contributing to the plume south of County Road C. This interpretation has also been discussed in the previous Annual Monitoring Reports.

3. Treatment System

As mentioned earlier, the upgraded PGAC system is scheduled to start operating during FY 1997. It is intended that once the final remedy is operating, a summary of the treatment system (PGAC) operation will be included.

F. CONCLUSIONS

VOC contamination in Upper and Lower Unit 3 and Upper Unit 4 trends southwestward as it migrates away from TCAAP in OU1. Near Long Lake, apparently in response to the pumping at New Brighton municipal wells #3 - #6 (206793, 206792, 206796, and 206797, respectively), the path of the north plume swings south. Unit 3 appears to pinch out into a clay unit near well 409556 and New Brighton municipal well #3. Upon encountering the relatively impermeable clay in Unit 3, the contaminants are apparently moving completely downward into the underlying Prairie du Chien Group (Upper Unit 4) and Jordan Formation aquifers. In this same area, the plume turns southward once more towards the St. Anthony municipal well field.

The overall contaminant concentrations in the north plume to date have remained relatively constant. In terms of the concentration contours, the 1,000 µg/l, 100 µg/l, and 10 µg/l contours are generally shrinking in size. However, the 100 µg/l contour in Upper Unit 4 has extended from the general vicinity of the PGAC system south towards Silver Lake in FY 1996. This may be due to an eastward shift in pumping pressure caused by a decrease in pumping at New Brighton well #5 and #6 (206796 and 206797, respectively) and the substantial pumping at New Brighton well #13 (520931). Shifting of contours from year to year has been shown to be due to the dynamic name of the aquifer, and not necessarily indicative of long-term trends. As a

whole, the 1 µg/l contour has remained relatively unchanged since 1992, although it fluctuates in response to sporadic detections at perimeter wells.

Trichloroethene concentrations at the Gross Golf Course wells increased and for the first time since 1993 exceeded 100 µg/l. Wells 200524, 200803, and 200804 continue to document separation between the OU1 plume and the contamination present at the Gross Golf Course.

An area of relatively lower contaminant concentrations continues to exist downgradient of the TGRS. This area appears to be the result of the capture zone, created by the continued pumping of the TGRS, which does not allow contamination to migrate off-post.

G. RECOMMENDATIONS

This section is primarily intended for recommendations regarding remedial system operations. The remedial system is not yet completely in operation. Recommendations to modify or improve the remedial system will be made in future annual monitoring reports.

However, it is recommended that New Brighton municipal well #7 (206791) be properly sealed. Well #7 has not been used in recent history as shown in Table II-8 and city personnel see no future need to operate this well. The well is also not necessary to monitor the Upper Unit 4 plume as nearby wells 04U851 and 409555 allow the east edge of the OU1 plume to be adequately defined. This, coupled with the desire to properly seal wells with no future intended use, justify the sealing of this well.

An additional recommendation is to resurvey MPCA monitoring well 409549 location northwest of Pike Lake. This well has consistently been approximately three feet lower than expected and therefore is not used for contouring the Upper Unit 4 aquifer.

H. OU1 PERFORMANCE MONITORING PLAN

The objectives of the OU1 Performance Monitoring Plan are:

1. Evaluating groundwater levels to assess containment.

2. Sampling and analysis of influent and effluent at the point of containment and at the treatment facility to assess the adequacy of treatment.

3. Monitoring the plume to characterize plume geometry and extent with respect to time and remedial action.

4. Identifying potential points of exposure and provide support to decision-makers for providing alternative water supplies, abandoning wells, and modifying advisory areas to protect human health and the environment.

(Montgomery Watson, October 1995.)

The complete OU1 remedy, with the addition of New Brighton well #15 and the revisions to the PGAC, is anticipated to begin operation in FY 1997. As such, the OU1 Monitoring Plan for FY 1998 discussed in this report is performance-based.

1. Groundwater

The groundwater level and groundwater quality monitoring for OU1 in FY 1998 are included in Table III-1. Future AMR's may propose monitoring at a frequency of every other year once the OU1 final remedy is operating and a sufficient history of the system has been established. The system history presently shows that changes to the aquifer and subsequently, changes in system operation occur over years and not quarters.

Changes to the FY 1998 OU1 Groundwater Performance Monitoring Plan included moving wells which were previously listed under OU1 to other Operable Unit sections of the plan to better reflect the primary purpose of each well. Also, a number of private wells were deleted from the plan since they either: are not used for performance monitoring, have been abandoned, cannot be found, or cannot be monitored. Unless noted below, none of these wells had any monitoring scheduled in FY 1997. Wells with actual monitoring changes from FY 1997 to FY 1998 are listed below:

Well	Action	Reason
03L815	Deleted from Plan	Well does not exist
03L856	Delete annual water quality sampling and semi-annual water level measurements	West edge of OU1 plume can be better defined with well 03M843.
03M843	Added annual water quality sampling and semi-annual water level measurements	Located to better delineate the west edge of the Unit 3 plume.
409546	Delete annual water quality sampling	Well 03L846 effectively monitors east limit of OU1 plume. 409546 and 03L832 both monitor similar areas, and 03L832 is on cross-section line, the redundant monitoring 409546 was eliminated.
409597	Add annual water quality sampling and semi-annual water level measurements	Point added to check for the eastward shift in the plume as observed in the Upper Unit 3.
234356	Delete annual water quality sampling and semi-annual water level measurements	Provides redundant information with well 03U805 in defining east edge of plume.
03U815	Delete annual water quality sampling	Monitoring west limit of OU1 plume adequately with well 03U811.
03U822	Added annual water quality sampling and semi-annual water level measurements	Located to better delineate the west edge of the Unit 3 plume.
03U824	Deleted annual water quality sampling and semi-annual water level measurements	03U822 is better located to delineate the edge of the plume.
03U821	Delete annual water quality sampling	Provides redundant information with well 03U822 in defining west edge of plume.

Well	Action	Reason
04U852	Deleted from OU1 Plan and moved to OU3 Plan	409555 provides control for the east side of the OU1 plume. 04U852 is downgradient of the OU3 plume.
234352	Deleted annual water quality sampling and semi-annual water level measurements	Private well not needed for performance monitoring.
206791 NBM #7	Delete annual water quality sampling and semi-annual water level measurements	Provides redundant information with well 04U851 in defining east edge of plume. (Well was abandoned (see page 36).
200154	Deleted semi-annual water level measurements	Unable to obtain water level measurements in this well.
206688	Deleted semi-annual water level measurements	Private well with no access for measurements.
512761	Deleted semi-annual water level measurements	Private well with no access for measurements.
234546	Deleted semi-annual water level measurements	Private well with no access for measurements.
234549	Deleted semi-annual water level measurements	No access for water level measurements.
235539	Deleted annual water quality sampling and semi-annual water level measurements	Private well not needed for performance monitoring. Well cannot be found.
161432	Deleted annual water quality sampling and water level measurements	New Brighton municipal well not constructed in the aquifers of concern.
206794	Deleted annual water quality sampling and water level measurements	New Brighton municipal well not constructed in the aquifers of concern.
206795	Deleted annual water quality sampling and water level measurements	New Brighton municipal well not constructed in the aquifers of concern.
509083	Deleted annual water quality sampling and water level measurements	New Brighton municipal well not constructed in the aquifers of concern.
110485	Deleted annual water quality sampling and water level measurements	New Brighton municipal well not constructed in the aquifers of concern.

Well	Action	Reason
04U883	Added annual water quality sampling and semi-annual water level measurement	To better delineate the east edge of the plume near Gross Golf Course.
234547	Deleted annual water quality sampling and water level measurements	Redundant to 234546, the Honeywell Ridgway well with historically higher concentrations.
200812	Deleted annual water quality sampling and water level measurements	Redundant to 512761, the Gross Golf Course well with historically higher concentrations.
NBM #14 NBM #15 NBM #3	Added quarterly water level measurements	To go along with the quarterly water quality sampling.

See Plan Sheet 8 to view well locations and plume configurations.

2. Treatment System

Sampling of the OU1 Groundwater Treatment System will be done to ensure compliance with the Safe Drinking Water Act. The City of New Brighton is responsible for the operation of the OU1 Groundwater Treatment System. Barr Engineering assists the City of New Brighton on the operation of the Groundwater Treatment System. Barr has developed the OU1 Groundwater Treatment System Monitoring Plan which will be submitted at a later date.

IV. Operable Unit 2 Performance and Characterization Evaluation

A. PERFORMANCE EVALUATION OF REMOVAL ACTION AND INTERIM REMEDIAL ACTIONS

1. Site A Removal Action

a. Description of the Removal Action

On May 31, 1994, the Army began operation of the Site A Removal Action. The Site A Removal Action is a groundwater recovery system which consists of recovery and monitoring wells, piezometers, piping, a control building, and sanitary sewer discharge. The Site A Removal Action is in place to recover chlorinated solvents, which are dense non-aqueous phase liquids which tend to migrate downward through the Unit 1 aquifer and rest on the top of the Unit 2 aquitard. As such, the recovery wells and piezometers are screened at the base of the Unit 1 aquifer and in most cases intercept the entire Unit 1 saturated thickness. Two exceptions to this are described below.

A total of eight recovery wells (01U351-01U358) were installed in two capture lines as shown on Figure IV-1. Seven of the eight recovery wells fully penetrate the Unit 1 aquifer and range in depth from 31 to 48 feet, as shown in cross-section view on Figure IV-2 (Plan Sheet 11). The one partially penetrating well, 01U353, was completed in silt to sandy clay units which were resistant to drilling and determined to be the top of Unit 2 by the field geologist. The well log does not note the presence of silt (Fuller, 1994). The partially penetrating well is illustrated on cross-section B-B' on Figure IV-2 (Plan Sheet 11).

The recovery wells are eight inches in diameter and employ 10 slot (0.010 inch) screen which is either 20 or 30 feet in length as summarized below:

Well ID	Total Well Depth (ft)	Screen Length (ft)
01U351	37	20
01U352	36	20
01U353	31	20
01U354	36.5	20
01U355	43	30
01U356	48	30
01U357	36	20
01U358	36	20

(Dahl and Associates, Inc., 1994)

The pump depths are shown in cross-section view on Figure IV-2 (Plan Sheet 11).

Piezometers were also installed to help evaluate the performance of the Removal Action. In general, piezometers were installed between recovery wells to monitor the groundwater elevation during pumping. Piezometer locations are illustrated on Figure IV-1 and are shown in cross-section view on Figure IV-2 (Plan Sheet 11).

The Removal Action control building (Building 302) houses electrical pump controls, flow meters, pressure gauges, and valves for each recovery well, and a flow meter to measure total system flow.

The recovered groundwater is piped to a sewer discharge (Shoreview sanitary sewer discharge manhole #229) located approximately 150 feet north of the TCAAP boundary

as shown in Figure IV-1. The recovered groundwater is conveyed via a City of Shoreview sanitary sewer to the Metropolitan Council Environmental Service (MCES) Treatment Plant located at 2400 Childs Road in St. Paul, Minnesota. Discharge is in accordance with Industrial Discharge Permit Number 2194 from the MCES.

Information on the construction of the system is contained in a report by Dahl & Associates, Inc., entitled "Site A Removal Action Construction Report," dated November 8, 1994.

b. Objectives

The Site A Removal Action is intended to stop the migration of VOCs in groundwater off the installation. The Site A Removal Action is being evaluated as part of the OU2 Feasibility Study (FS) to determine if the Removal Action will be part of the final remedy for Site A. The OU2 FS has developed the following Unit 1 Recommended Remediation Goals:

Antimony	6.0 µg/l	Chloroform	60.0 µg/l
1,1-Dichloroethene	6.0 µg/l	cis-1,2-Dichloroethene	70.0 µg/l
1,2-Dichloroethane	4.0 µg/l	Tetrachloroethene	7.0 µg/l
Benzene	10.0 µg/l	Trichloroethene	30.0 µg/l

(Montgomery Watson, 1997)

c. Relevant Activities During FY 1996

High amounts of maintenance continue to characterize the operation of the Site A RA in FY 1996. A more intensive maintenance scheme was developed by CRA which was fully implemented in May 1996. Maintenance is driven by the growth of iron bacteria

which over relatively short periods of time decrease flow by clogging wells, pumps, piping, and flow meters. Iron bacteria cleaning events now occur at six week intervals. This frequency was initiated in May 1996. The iron bacteria clogging also facilitated the replacement of various system components during FY 1996. Appendix I is a summary of CRA operational notes regarding Site A maintenance activities.

d. Monitoring

1) Groundwater

During FY 1996, comprehensive water level measurements were performed during Q51 and Q52. In addition, water level measurements at the recovery wells, piezometers, and four off-post monitoring wells (01U901 through 01U904) were performed monthly during FY 1996. Two water level measurements planned for FY 1996 were not performed as shown in Appendix B due to an oversite.

Groundwater quality samples were collected at monitoring wells during each of the quarters in FY 1996 with the intensive sampling occurring in Q51. The Site A monitoring wells were sampled for halogenated VOCs (Category 1), while select wells were also sampled for aromatic VOCs (Category 7). The recovery wells were sampled for halogenated VOCs, as well as metals (USAEC Categories 2, 3, and 9). A comprehensive sampling event for aromatic VOCs was last performed in FY 1994. A listing of the individual parameters included in each USAEC Chemical Analysis Category is included in Appendix E.

During FY 1996, approximately 95 percent of the monitoring points at Site A were used for water level measurements or water quality monitoring at some point during the year.

A summary of the FY 1996 water level and water quality monitoring performed is included in Appendix B.

2) Treatment System

The Site A Removal Action does not include on-site treatment of the impacted groundwater. The impacted groundwater is discharged to the sanitary sewer for treatment at the MCES Treatment Plant.

Industrial Discharge Permit Number 2194 dictates monthly sampling of Site A effluent for 1,2-dichloroethene, trichloroethene, tetrachloroethene, and total mercury. In addition, pH, chemical oxygen demand, and total suspended solids were initially required quarterly, but can now be scaled back to annually.

The MCES discharge limits for the Site A effluent are listed below:

Concentration of any one toxic organic analyte	≤3 mg/l
Combined total toxic organic analyte concentration	≤10 mg/l
Total Mercury	non-detect using a mercury analysis with a detection limit ≤0.2 µg/l.
pH	5.0 - 11.0

Total Suspended Solids	Sampling frequency can be reduced to annual if: • four consecutive sampling results are ≤125 mg/l • no history of strength charge • formal written application made and approved
Chemical Oxygen Demand	Sampling frequency can be reduced to annual if: • four consecutive sampling results are ≤250 mg/l • no history of strength charge • formal written application is approved

A summary of the Site A Removal Action effluent water quality is included in Table IV-1. All permit requirements and effluent limits for MCES were met with the exception of the sampling done for mercury in October 1995 and April 1996. For these sampling events, a quantitation limit of 0.74 µg/l was used for mercury when the MCES permit requires that concentrations of mercury not exceed 0.2 µg/l. While mercury has never been detected in a sampling event, it is unknown if the mercury effluent limit was exceeded. This discrepancy was corrected beginning in June 1996, when DataChem Laboratories was contracted to provide laboratory services.

In addition to monitoring the water quality removed by the Site A Removal Action, water quantity measurements are also performed. Daily and weekly flow meter readings are performed for each recovery well and the total Removal Action flow. For the first four months of FY 1996 (October 1996 - January 1997), questionable flow meter readings were obtained which were the result of iron bacteria fouling of the original flow meters. The original flow meters were

replaced in January 1996 with models less likely to be affected by iron bacteria fouling. A monthly summary of the water recovered is included in Table IV-2.

e. Performance Evaluation

1) Hydraulic Performance

The Unit 1 groundwater flow direction at Site A is generally west/northwest as shown on Figure IV-3 and Plan Sheet 12, which depicts the conditions during May 1996 (Q51). The general groundwater flow direction is consistent with the flow direction observed in previous annual monitoring reports. The groundwater flow interpretation in the southwest portion of Figure IV-3 (Plan Sheet 12) suggests a change to a more westerly flow direction. This interpretation is based on a small number of data points and interpolation is performed over a large area; however, this interpretation is not unlikely as groundwater in Unit 1 appears to flow towards Rice Creek.

Rice Creek is a generally north-south trending water body which is approximately 1,200 to 1,700 feet west of Mounds View Road. The USGS topographic map (New Brighton Quadrangle, revised 1980) indicates that the elevation of Rice Creek is approximately 875 feet above Mean Sea Level just west of Site A. This elevation matches well with the groundwater elevations and gradient observed at Site A, which supports the interpretation that groundwater in Unit 1 discharges to Rice Creek.

The 883-887 water level contours as shown on Figure IV-3 (Plan Sheet 12) are clearly affected by pumping at the Site A recovery wells.

Unit 1 groundwater elevations for May 1996 (Q51) indicate a difference of approximately 9 feet across the Site A area. The horizontal hydraulic gradient has remained relatively steady at Site A and in May 1996 varied from approximately 0.004 to 0.007 feet per foot in areas outside of the recovery well influence. Using the results of a analysis performed by CRA, a hydraulic conductivity value of 28.5 ft/day was calculated for Unit 1 (CRA, 1996). The CRA hydraulic conductivity value is based on a transmissivity value of 1,140 ft^2/day and an aquifer thickness of 40 feet. It should be noted that the CRA transmissivity value appears to be the most reasonable and falls between the value determined by the International Technology Corporation (IT Corp.) pumping test (400 ft^2/day) and STS's modeling (2,430 ft^2/day). See the Aquifer Test Report by IT Corp. dated September 30, 1992 and the 90 Day Operations Report by STS dated October 1995, for specific data from these reports. Using the CRA hydraulic conductivity, the horizontal hydraulic gradient range shown above, and an assumed porosity value of 0.25, the horizontal groundwater velocity outside the area of pumping influences is calculated to be approximately 0.46 to 0.80 feet/day or 166 to 291 feet/year.

Of the fifty points (monitoring wells and piezometer) monitored in and around Site A, approximately one-half experienced a water level decrease while one-half experienced a water level increase in FY 1996. The points which experienced water level decreases were generally located in the vicinity of the Site A recovery wells and experienced an average decline of approximately 0.7 feet in FY 1996. Increases in water levels were generally observed in monitoring points just upgradient of the Site A Removal Action. The water levels increased an average of 0.4 feet. Outside of the influences of the Site A Removal Action, the water levels have historically varied approximately four feet due to fluctuations in precipitation. Groundwater hydrographs for select monitoring wells are illustrated on Figure IV-4.

The amount of drawdown observed in the recovery wells during Q51 is shown below for comparison with the maximum possible drawdown.

Well	Q51 Drawdown (Q51 GW Elevation)		Maximum Possible Drawdown	Approximate Pump Intake Elevation
01U351	2.6'	(883.4)	14'	872
01U352	3.4'	(882.6)	13'	873
01U353	4.2'	(881.8)	11'	875
01U354	1.9'	(884.1)	11'	874
01U355	5.4'	(879.6)	21'	864
01U356	8.1'	(876.9)	17'	868
01U357	7.3'	(877.7)	16'	869
01U358	5.0'	(879.0)	16'	868

The amount of drawdown observed in Quarter 51 was determined by subtracting the Quarter 51 groundwater elevation from the interpreted background groundwater elevation. The interpreted elevations were estimated by eliminating the effects of pumping on the groundwater elevation and sketching the elevation contours across the pumping area. The estimated background elevation value for each well can be obtained by adding the Q51 drawdown to the Q51 groundwater elevation. The maximum possible drawdown is estimated by subtracting the approximate pump intake elevation from the estimated background elevation. Groundwater hydrographs for the recovery wells are included in Figures IV-5 and IV-6.

The cross-section view of the Site A recovery wells shown on Figure IV-2 (Plan Sheet 11) illustrates that the pump depth for wells 01U352 and 01U356 are not positioned to achieve maximum drawdown.

Since startup of the Site A Removal Action on May 31, 1994, over 44.4 million gallons of groundwater have been recovered by the eight recovery wells. The average flow rate of the system was 25.0 gpm in FY 1996. The Removal Action system monthly pumping information is included in Table IV-2. FY 1995 and FY 1996 flow rates are not compared because the flow metering point and flow meters were changed to improve metering precision and accuracy. In January 1996, the individual well flow meters were replaced. The sum of the individual well flow meters replaced the effluent meter as the basis for system flow measurements.

The average flow rate for each recovery well is shown below:

Recovery Well	Average Flow Rate (gpm) FY 1996	
01U351	4.1	
01U352	2.3	
01U353	3.3	
01U354	5.1	
01U355	3.8	
	18.6 gpm	**Total Group A**
01U356	2.1	
01U357	1.6	
01U358	2.7	
	6.4 gpm	**Total Group B**

An evaluation of the pumping rates required to contain the Site A plume was prepared by CRA and included in the FY 1995 AMR (CRA, 1996). It states:

- A minimum total flow rate of 25 gpm, reasonably distributed, is needed to maintain hydraulic containment.

- It goes on to further specify that wells 01U351-01U355 (Group A) should maintain 15 gpm in a fairly uniform rate +/- 1 gpm.

- Wells 01U356-01U358 should maintain 10 gpm with 01U356 and 01U357 maintaining a combined 6-7 gpm and 01U358 maintaining 3-4 gpm.

These rates are intended to assure capture of the 10 µg/l 1,2-dichloroethene plume as depicted in FY 1995. If the plume continues to shrink, reducing flowrates at specific recovery wells will be evaluated.

During FY 1996, iron bacteria fouling hampered the systems ability to pump adequate quantities of water necessary to maintain hydraulic containment during five of the twelve months. After increasing the frequency of iron bacteria cleaning, the pumping rates consistently exceeded the three criteria shown above for the last four months of FY 1996 as shown on Table IV-2.

This does not appear to have adversely affected contaminant migration, as migration is not largely influenced by what in the big picture is a short-term pumping fluctuation. The Army is however, committed to consistently maintaining the pumping rates necessary to ensure complete capture.

2) Impact on Groundwater Quality

The Site A Removal Action has removed over 23 pounds of VOCs since pumping was initiated on May 31, 1994, as shown on Table IV-2. Of the VOCs removed to date, approximately 96 percent, or 22.2 pounds have been removed by four recovery wells (01U352, 01U353, 01U355, and 01U356).

Contaminant plume contour maps and cross-sections were prepared for Site A using the Spring 1996 (Quarter 51) sampling results. Contour maps were developed for 1,2-dichloroethene, trichloroethene, and tetrachloroethene in the groundwater at Site A. The contour maps are presented on Figures IV-7, IV-8, and IV-9 (Plan Sheets 13, 14, and 15), respectively. FY 1994, FY 1995, and FY 1996 groundwater quality data for organic and inorganic parameters are included in Tables II-2 and II-3, respectively.

a) Organic Parameters

i) 1,2-Dichloroethene

1,2-Dichloroethene concentrations reported for the Quarter 51 (June 1996) sampling event were used to create cross-sections and an isoconcentration map which are included as Figures IV-2 and IV-7 respectively (Plan Sheets 11 and 13). Water quality trends for 1,2-dichloroethene at selected Site A wells are presented as Figures IV-10 through IV-14.

1,2-Dichloroethene is the most widespread contaminant at Site A and during Quarter 51 was detected in 20 of the 37 monitoring and recovery wells sampled. The highest 1,2-dichloroethene concentration during Quarter 51 (143.00 µg/l) was present at recovery well 01U353, as shown on Figure IV-7 (Plan Sheet 13). The results indicate that the plume in the area of recovery well 01U353 is greater than 100 µg/l, even though no monitoring wells are positioned to show it. Therefore, even though the data is from a recovery well which is not typically used for contouring, a 100 µg/l contour has been added surrounding 01U353 as shown on

Figure IV-7 (Plan Sheet 13). The historic trend of 1,2-dichloroethene at the recovery wells is shown on Figures IV-10 and IV-11. In general, 1,2-dichloroethene concentrations remained stable in the recovery wells in FY 1996. The concentrations at the recovery wells have, however, dropped sharply since the startup of the Site A Removal Action.

The depiction of two plumes, each emanating from separate disposal pit areas, is supported by well 01U125, which has historically never detected 1,2-dichloroethene. Cross-section view B-B' on Figure IV-2 (Plan Sheet 11) and plan view as shown on Figure IV-7 (Plan Sheet 13) illustrate this situation.

In FY 1996, concentrations of 1,2-dichloroethene at three wells (01U108, 01U350, and 01U353) exceeded the groundwater action criteria of 70 µg/l, as set forth in revised Table 3.7A of the FFA. This is compared to four wells that exceeded the groundwater action criteria in FY 1995 and ten which exceeded in FY 1994.

The 1,2-dichloroethene concentrations for wells closest to the source area for the south Site A plume have continued to decrease in FY 1996. Well 01U102 is located to monitor contaminants that may be migrating from disposal pits 6 through 8 as shown on Figure IV-7 (Plan Sheet 13). 1,2-Dichloroethene concentrations have decreased from 540 µg/l in Q42 (prior to startup of Site A Removal Action) to <0.76 µg/l in Q52.

Conversely, 1,2-dichloroethene concentrations in wells closest to the source area for the north plume may be increasing. Wells

01U108 and 01U350 are located in order to monitor the contaminants that may be migrating from disposal pits 2 and 5 as shown on Figure IV-7 (Plan Sheet 13). 1,2-Dichloroethene concentrations at well 01U108 have increased from 15.70 µg/l in Q43 to 116.00 µg/l in Q52. Similarly, 1,2-dichloroethene concentrations at well 01U350 have increased from 21.20 µg/l in Q43 to 360.00 µg/l in Q52. This has necessitated adding a 100 µg/l contour line on Figure IV-7 (Plan Sheet 13). Continued monitoring will determine if this is a short-term fluctuation or a consistent trend. It should be noted that recovery wells 01U351 and 01U352 are positioned to capture the contamination observed at wells 01U108 and 01U350.

ii) Trichloroethene

Trichloroethene concentrations reported for the Quarter 51 (June 1996) sampling event have been used to create an isoconcentration map which is included as Figure IV-8 (Plan Sheet 14). During FY 1996, trichloroethene concentrations at Site A ranged from <0.56 µg/l to 340 µg/l, with the highest concentration observed at well 01U108.

A 10 µg/l contour was added to the trichloroethene contour map for Q51 to encircle well 01U108. The well is located to monitor water quality in the vicinity of disposal pits 2 and 5, which appear to be creating the north plume at Site A. Trichloroethene concentrations at 01U108 have risen from 0.39 µg/l in Q43 to 340.00 µg/l in Q52. A trichloroethene water quality trend for well 01U108 is included as Figure IV-14. This increasing trend near

the north plume source area is consistent with that observed for 1,2-dichloroethene. However, concentrations downgradient of the north plume source area, are continuing to decrease. This is illustrated by the water quality trends for wells 01U115 and 01U117, which are included on Figure IV-15.

Monitoring well 01U102 is located to monitor contaminants from the south plume which may be migrating from disposal pits 6 through 8, as shown on Figure IV-8 (Plan Sheet 14). The FY 1996 depiction of the trichloroethene contamination from the south plume at Site A has changed significantly since FY 1994. Trichloroethene concentrations at well 01U102 have decreased from 300 µg/l in July 1990 to <0.56 µg/l in June 1996 as shown on Figure IV-13. As such, the 1 µg/l contour for the Q51 mapping event no longer encircles the source area and in the near future, the trichloroethene south plume at Site A may no longer exist.

Similar to 1,2-dichloroethene, trichloroethene has historically never been detected at well 01U125, which supports the interpretation of two plumes originating from different source areas.

Trichloroethene concentrations continue to be detected in the off-site area to the northwest of Site A. Trichloroethene was sporadically detected at well 01U902 and 01U903 during FY 1996 as shown in Table II-2.

Trichloroethene contamination in Unit 1 at Site A was detected at eight of the 37 wells sampled during June 1996. Four wells

(01U108, 01U350, 01U352, and 01U353) in and around Site A exceeded the 2.8 µg/l trichloroethene groundwater action criteria during FY 1996. A listing of this data is included in Table IV-2. This is compared with five wells which exceeded the groundwater action criteria in FY 1995 and nine which exceeded in FY 1994.

iii) Tetrachloroethene

Tetrachloroethene concentrations reported for the Quarter 51 (June 1996) sampling event were used to create an isoconcentration map which is included as Figure IV-9 (Plan Sheet 15). During FY 1996, tetrachloroethene concentrations varied from <0.75 µg/l to 530 µg/l, with the highest concentration observed at well 01U350.

Tetrachloroethene contamination in Unit 1 was detected at seven of the 37 locations sampled during June 1996. The highest tetrachloroethene concentration detected during FY 1996 was reported at well 01U350 (530 µg/l) in Quarter 52, which appears to be the source strength well for disposal sites 2 and 5, as shown on Figure IV-9 (Plan Sheet 15).

A 100 µg/l contour was added to the FY 1996 depiction of the Site A north plume to encircle what may be increasing concentrations at wells 01U108 and 01U350. The water quality trends for 01U108 and 01U350 are shown on Figures IV-14 and IV-16, respectively.

Monitoring well 01U125, which has historically not shown tetrachloroethene, also supports the interpretation that

contaminants are migrating from Site A from two separate disposal areas. Additional disposal areas may be present at Site A.

Wells 01U102, 01U108, 01U126, and 01U350 exceeded the 7.0 µg/l recommended remediation goal (RRG). The groundwater action criteria of (0.7 µg/l) was not used for comparison purposes since it is less than the laboratory method detection limit of 0.75 µg/l. Therefore, all analysis, including non-detections, exceed the groundwater action criteria and make any comparison meaningless. With the completion of the OU2 FS in FY 1997, an evaluation has begun to choose laboratory methods, and hence detection limits, based on the RRGs.

Water quality trend figures for wells 01U117 and 01U126 are included on Figure IV-16. A listing of FY 1996 groundwater action criteria (not to be confused with exceedances of the RRG) exceedances is included in Table II-2.

iv) Aromatic VOCs

Aromatic sampling was performed in FY 1996 at recovery wells 01U351-01U358 and monitoring wells 01U102, 01U115, and 01U117. The monitoring wells were sampled to investigate sporadic historical detections while the recovery wells were sampled to establish a historical database. The only aromatic VOC detected in FY 1996 was benzene (22 µg/l) at recovery well 01U353, which is above the RRG of 10 µg/l. Based on these results, aromatic VOC sampling is proposed in the FY 1998 Monitoring Plan at wells 01U902 and 01U904, which are located

downgradient of the groundwater recovery system. The effluent of the recovery system will also be monitored for aromatic VOCs. As a side note, benzene monitoring may also be included in the RD/RA design activities for Site A.

b) Metals

Monitoring for metals at Site A in FY 1996 consisted of quarterly analysis of Site A recovery wells for Categories 2, 3 and 9. Of the 15 metals sampled, only barium, manganese, and zinc were consistently present.

Barium was always below the TCAAP groundwater action criteria. Manganese does not have a TCAAP groundwater action criteria. The manganese concentrations at the recovery wells appear to have remained consistent. Of the 32 samples collected for zinc analysis, seven exceedances of the TCAAP groundwater action criteria were observed. The exceedances occurred in the source line recovery wells (01U351-01U354). A complete listing of the FY 1994 - FY 1996 inorganic data is included in Table II-3.

A second group of metals, listed below, was sporadically detected:

- Antimony
- Arsenic
- Chromium
- Copper
- Lead
- Mercury
- Selenium

Of these metals, mercury never exceeded the TCAAP groundwater action criteria. The other metals occasionally exceeded their respective groundwater action criteria, but did not exhibit any distinguishable pattern. Lead exceeded the RRG of 15 µg/l in wells 01U351 (19.5 µg/l, June 1996), 01U353 (17.30 µg/l, June 1996), 01U354 (245.00 µg/l, March 1996; 69.60 µg/l, June 1996), 01U356 (27.50 µg/l, June 1996), and 01U358 (53.80 µg/l, June 1996). The RRG for zinc also was exceeded in well 01U354 at 16,300 µg/l for the March 1996 sampling event and for antimony in wells 01U356 and 01U357 at 40.30 µg/l and 60.00 µg/l for the March 1996 sampling event. See Table II-3 for a complete listing.

Lastly, the following metals were not detected during the Site A recovery well sampling:

- Beryllium
- Cadmium
- Nickel
- Silver
- Thallium

Similar to as stated in previous annual reports, the detection limits for select metals were greater than either the background or TCAAP groundwater action criteria values listed on Table II-3. Specifically for FY 1996, the following metals fell into this category for at least one sample: silver, arsenic, berylium, cadmium, copper, lead, antimony, selenium, thallium, and zinc. With the OU2 FS finalized in FY 1997, a concerted effort is underway to revise the sampling program to ensure the method detection limits for metals analysis are less than the RRGs.

3) Treatment System Performance

The effluent data from the Site A Removal Action met the MCES discharge criteria throughout the year. Organic concentrations have decreased since startup. Trichloroethene has decreased to <2 µg/l and tetrachloroethene is no longer detected. 1,2-Dichloroethene is the only organic compound consistently detected in the effluent. The Site A effluent water quality is included in Table IV-1. In addition, quarterly monitoring for total suspended solids and chemical oxygen demand met the threshold criteria. As was stated in the FY 1995 AMR, the MCES permit allows for the monitoring of these parameters to be reduced to an annual event.

f. Conclusions

- Organic contaminant concentrations in wells 01U108 and 01U350, used to monitor the source area for the Site A north plume, have risen in FY 1996. Recovery wells are correctly positioned to capture contaminants from this source area.

- Organic contaminant concentrations at well 01U102, used to monitor the source area for the Site A south plume, continue to decrease significantly. The depiction of a plume originating at this source area may disappear in AMRs in the near future.

- The groundwater discharged to the sanitary sewer from the Site A Removal Action was in compliance with the MCES Discharge Permit Number 2194 throughout FY 1996 with the exception of October 1995 and April 1996. For these two months, a higher detection limit was employed which cannot confirm the level of mercury to less than the effluent limit of 0.2 µg/l.

- The presence of iron bacteria in the Unit 1 aquifer has a large influence on the flow rates of the Site A recovery wells. Iron bacteria fouling of equipment resulted in the Site A Removal Action pumping 25 gpm or less in five of the 12 months of FY 1996.

- A more intensive maintenance scheme was implemented in May 1996, which allowed the system to consistently meet the capture requirements during the last four months of FY 1996.

- The Site A Removal Action recovered 3.7 pounds of VOCs during FY 1996. Overall, the Site A Removal Action has recovered over 23 pounds of VOCs.

- VOCs have decreased in the Site A Removal Action effluent since startup and of the analytes tested, 1,2-DCE is the only organic compound consistently detected in the effluent.

g. Recommendations

- Aggressive, proactive management of the iron bacteria problem which took effect in May 1996 should be continued at Site A. Regular "cleaning" events should be scheduled, to ensure that the minimum flow rates are maintained.

- As part of renewing the Site A Removal Action industrial discharge permit with MCES in 1997, it is recommended that the frequency of monitoring the system effluent be revised as follows:

    1. Total suspended solids and chemical oxygen demand be changed to an annual event.
    2. VOC monitoring be reduced from monthly to quarterly.

- The organic contaminants which are mapped should be reduced to 1,2-dichloroethene. Similar to the OU1/OU3 situation, the previous information generated at Site A clearly shows that 1,2-dichloroethene is the most dominant and widespread contaminant. The mapping of trichloroethene and tetrachloroethene mimic 1,2-dichloroethene and are not necessary to effectively monitor and operate the Site A Removal Action. This recommendation is suggested to be implemented as part of the FY 1997 AMR.

h. Site A Performance Monitoring Plan

1) Groundwater

The FY 1998 groundwater level and groundwater quality monitoring requirements for Site A are included in Table III-1. Similar to benzene, monitoring for antimony is included at wells 01U902 and 01U904, along with the recovery system effluent, since antimony is a COC. As a side note, antimony monitoring may also be included in the RD/RA design activities for Site A. The changes to the FY 1998 Site A groundwater performance monitoring are summarized below:

Well(s)	Change	Reason
01U351-01U358	Metal analysis (Categories 2, 3, and 9) reduced to an annual event for antimony and mercury.	Intensive metals analysis during FY 1995 through FY 1997 will build a substantial historical database. The Site A RA effluent has consistently been non-detect for mercury, which is the only metal regulated by the MCES discharge permit. Antimony is the only inorganic COC identified in the FS.

Well(s)	Change	Reason
01U351- 01U358	Halogenated VOC analysis (category 1) reduced from quarterly to twice a year.	At the time the FY 1998 Monitoring Plan is implemented, the Site A Removal Action will have been in operation for over four years. A historical database of 24 sampling events will have been generated, which at present shows that water quality changes take place gradually. The operation of the Site A RA is not dependent on the collection of quarterly water quality data.
01U109	Delete annual water quality sampling	Continued sampling not necessary to monitor plume. Well has only had one historic detection.
01U106 01U110 01U137	Delete annual water quality sampling	Continued sampling not necessary to monitor plume. Well have always been non-detect.
01U118	Delete annual water quality sampling	Continued sampling not necessary to monitor plume. Historically has only had sporadic, low level detections.
01U119	Delete annual water quality sampling	Plume can be effectively defined with well 01U103. Historically has only had sporadic, low level detections.
01U120	Delete annual water quality sampling	Data collected is redundant with well 01U126. Well 01U126 better positioned to define plume. Sporadic detections at well 01U120 in 1988 and 1990.
01U135	Delete annual water quality sampling	Not necessary to monitor south plume. Well 01U039 is better positioned.
01U127	Delete annual water quality sampling	Data collected is redundant with well 01U126. Well 01U126 better positioned to define plume. Two detections in 17 sampling events.
01U141	Delete annual water quality sampling	Not necessary to monitor south plume as well 01U137 is better positioned. Well has always been non-detect.

Well(s)	Change	Reason
01U102 01U115 01U117 and 01U351- 01U358	Delete Category 7.	All wells were non-detect for aromatics in FY 1996 sampling.
01U117 01U139	Deleted March water quality sampling event leaving semi-annual water quality sampling.	Additional quarter's data is not needed. Frequency is now consistent with other monitoring wells.
01U901 01U903	Deleted Category 7 and reduced Category 1 sampling from quarterly to semi-annual.	Aromatics were all non-detect in FY 1996. Frequency adjusted to be consistent with other monitoring wells.
01U902 01U904	Changed Category 7 from semi-annual to annual. Changed Category 1 from quarterly to semi-annual. Added antimony to be sampled annually.	01U902 and 01U904 to be used for checking benzene and antimony breakthrough the recovery system. Change in Category 1 to be consistent with other monitoring wells.

2) Treatment System

As discussed in Section IV.A.1.d.2, treatment system monitoring addresses the Site A "effluent" to document compliance with the MCES discharge permit. "Effluent" is simply the recovered groundwater from the eight pumping wells which are combined into a single discharge flow. The monitoring of this single flow consists of:

- monthly - 1,2-dichloroethene, trichloroethene, tetrachloroethene, total mercury
- annually - pH, chemical oxygen demand, total suspended solids

The monitoring of the Site A RA is also summarized in the Remedial Treatment System Performance Monitoring Plan included as Table IV-3.

2. Site I Remedial Action

PCB contaminated soils east of Building 502 were excavated in 1986. These soils were stored in a storage building built as part of the PCB IRA at Site I. During August and September 1996, these soils were removed and disposed of at a Toxic Substances Control Act (TSCA) landfill under approval of the MPCA and USEPA. The final report documenting this activity is currently being prepared by ATK/CRA.

a. Monitoring

Nine Unit 1 monitoring wells were planned for sampling at Site I (Building 502) during 1996. These wells are 01U064, 01U636, 01U639, 01U640 and I01-MW through I05-MW. Figure IV-17 shows these well locations. However, all wells except 01U064, 01U636 and 01U640 were dry at the time of sampling. These dry wells yielded water when originally installed. Samples from wells 01U636 and 01U640 were analyzed for EPA Method 608 PCBs. All wells except I03-MW and I04-MW were to be analyzed for EPA Method 601 VOCs. Table IV-4 presents the results of the FY 1996 analyses.

b. Monitoring Results

The VOCs present at well 01U064, 01U636 and 01U640 are consistent with past data which identified VOCs in Unit 1 at Site I. The Unit 1 aquifer at Site I did not flow off-site during the monitoring year. This is evidenced by dry Unit 1 monitoring wells along the south and west boundaries of Site I as discussed above. To the east and north, Unit 2 is absent.

PCBs are monitored in groundwater as part of the long term monitoring of the PCB removal activities. The historical absence of PCBs over previous years suggests that any residual PCBs that remain in the excavated area are immobile and are not a threat to Unit 1 groundwater. The relative immobility of PCBs in soil is evidenced by their extremely high organic carbon partioning coefficients documented in the literature.

c. Conclusions

PCBs potentially present in Site I soils have not impacted the Unit 1 aquifer at the Site. VOCs continue to be present in Unit 1 groundwater at the Site.

The PCBs potentially present in the Site I soils have not impacted the Unit 1 groundwater as the portion of the aquifer beneath that portion of the Site was dry.

VOCs continue to be present in the Unit 1 aquifer beneath the western portion of Building 502.

d. Site I FY 1998 Performance Monitoring Plan

Table III-1 presents the FY 1997 Monitoring Plan. Unit 3 and Unit 4 groundwater monitoring at Site I is addressed as part of the TGRS monitoring plan.

3. Site K Remedial Action

a. Background

Volatile organic compound (VOC) contamination was identified in the storm sewer at Building 103 in 1983. The storm sewer empties to Rice Creek. Following an initial assessment in 1983, a Remedial Investigation/Feasibility Study (RI/FS) was conducted in

1984. The RI/FS activities were designed to define the extent of VOC contamination in the vicinity of Building 103 and to determine whether or not there was a resultant impact on other areas at TCAAP or on the regional groundwater. The RI/FS showed that the VOC contamination was found in Unit 1 (perched aquifer) at Building 103. Unit 1 is underlain by a low-permeability clay till (Unit 2) which serves as an aquitard to restrict vertical groundwater flow to the deeper Unit 3 regional aquifer. Based on the water levels in the vicinity of Building 103, the Unit 1 groundwater flows west towards Rice Creek.

The findings of the RI/FS and some supplementary investigations concluded that:

1) VOCs identified in the storm sewer are the result of infiltration of perched groundwater containing VOCs beneath Building 103.

2) The limits of the VOC plume in the perched groundwater have been defined to be beneath and immediately northwest of Building 103.

3) Unit 1 groundwater outside of the immediate Building 103 area and Unit 3 groundwater downgradient of Building 103 have not been impacted by Building 103 activities, other than some elevated concentrations of 1,2-dichloroethene (see Section 3.g below).

b. Description of Remedial Program

Based on the findings of the investigatory activities, a remedial program was designed to prevent further infiltration of contaminated Unit 1 groundwater into the storm sewer and to capture and treat the contaminated groundwater originating in the Building 103 area.

The VOC remediation program at Building 103 consisted of grouting the joints in the storm sewer to prevent Unit 1 groundwater infiltration and installing a groundwater collection and treatment system. The sewer joint grouting was completed in February 1985.

The groundwater extraction and treatment system at Building 103 began operation in August 1986. Groundwater is collected using 410 feet of drain tile sloped to a central manhole. The collected groundwater is pumped to an air stripping system where it is treated to remove VOCs and then discharged under an NPDES permit (which was in effect in FY 1996) to the storm sewer. The treatment system was designed to accommodate up to 30 gallons per minute of extracted groundwater and to treat the contaminated water at an air-to-water ratio of 50:1, based on 200 cubic feet per minute of air. The air stripping tower is approximately 22 feet tall with 19 feet of one-inch diameter Yaeger Tri-pack packing.

During FY 1996 the system collected and treated 3,418,690 gallons of water and removed approximately 9.8 pounds of VOCs, based on the average influent and effluent VOC concentrations. Overall, the system has removed approximately 129 pounds of VOCs from the aquifer. Appendix H.4 summarizes operational data and events at the groundwater extraction and treatment system.

c. Objectives

A monitoring program was established to:

- Meet the substantive discharge requirements in accordance with water quality standards,
- Measure the effectiveness of VOC removal,
- Measure the mass of VOCs removed,

- Monitor the progress of remediation in the aquifer, and
- Determine the zone of capture for the collection system.

As is the case with most groundwater extraction and treatment systems, the most effective way to measure short-term performance is to evaluate hydraulic capture. Groundwater monitoring is conducted to evaluate the long-term trends to determine whether or not the aquifer quality is actually improving. Accordingly, the Building 103 monitoring program concentrates on hydraulic performance and NPDES compliance.

d. Relevant Activities During FY 1996

Work proceeded on the Site K portion of the OU2 Feasibility Study.

e. Monitoring

1) Treatment System

The treatment system effluent was sampled on a monthly basis for total phosphorus and ortho phosphate. On a quarterly basis, the influent was sampled for target VOCs and the effluent was sampled for target VOCs, metals, total phosphorus and orthophosphate as listed on Table IV-6.

2) Groundwater Monitoring

Water levels are collected semi-annually from the monitoring wells and bundle piezometers in the vicinity of the groundwater collection and treatment system. Groundwater samples have been collected quarterly from specific wells on a historic basis. FY 1996 monitoring was performed in accordance with the Monitoring Plan included as Appendix B. The comprehensive monitoring well

sampling was conducted in June 1996. Figure IV-18 and Figure IV-19 present the sampling and water level monitoring locations. Figure IV-18 also includes the cross-section alignment.

3) Infiltration Gallery

In addition to the groundwater collection and treatment system, an infiltration gallery was installed to prevent excessive groundwater drawdown. The infiltration gallery helps maintain adequate hydraulic head on the downgradient side of the collection tile in order to maintain upward flow of groundwater into the tile. The gallery consists of 409 feet of perforated 2-inch PVC pipe lain in a trench approximately 4 feet below grade. The gallery is located northwest and parallel to the collection tile. The infiltration gallery is connected to a float control and metering manhole. The float controls are positioned to permit flow when groundwater falls below 874.9 feet AMSL and shuts off flow when the float senses groundwater has risen 1.1 feet. This helps assure that an upward gradient is maintained beneath the collection trench during low water periods. The source of the water is the TCAAP potable water system. 112,580 gallons passed through the gallery during the period of February 1996 through February 1997. This is based on meter readings of 2,751,890 - February 1997, and 2,639,310 - February 1996. The total volume passed through the gallery is 2,751,890 gallons.

f. Site Hydrogeology

As determined in the RI/FS, the impacted groundwater is within the Unit 1. Unit 1 is a medium-to-fine-grained sand with clayey silt lenses. Underlying the Unit 1 is the Unit 2 (a low-permeability aquitard) consisting of a gray till. There is no apparent impact of Unit 1 VOC concentrations on the Unit 3 groundwater at the site. Unit 3 monitoring in

the vicinity of Building 103 is conducted as part of the TCAAP annual monitoring program.

Perched groundwater flow in Unit 1 at Building 103 is generally west toward Rice Creek.

g. Performance

The groundwater collection system continues to provide capture of the Unit 1 groundwater, upgradient of the trench and beneath Building 103, as designed. Water level data are presented in Table IV-7. Well 01U611 (OW111) monitors the suspected source area. The flow from well 01U611 is directly toward the drain tile groundwater collection trench as indicated by the groundwater contours. Figures IV-20 and IV-21 present plan views of the groundwater contours from the two rounds of groundwater level measurement. At nested wells, the lowest water elevation was used to create the plan view contours. Monitoring wells downgradient of the extraction trench show consistently higher water levels than those near and upgradient of the trench. This demonstrates that the horizontal hydraulic gradient has been reversed toward the extraction trench due to system operation. This indicates that the stagnation zone was between well 01U604 and the trench at this time. The monitoring network provides sufficient coverage for detailed capture monitoring.

Vertical capture was also effective as illustrated on Figures IV-22 and IV-23. As seen in the figures, groundwater both upgradient and downgradient of the trench is captured and collected. Of particular note is the formation of an upward gradient in the aquifer below the trench at nest 01U626. Well nest 01U626 is the closest bundle piezometer to the collection trench. Well nest 01U626 monitors and illustrates the vertical effectiveness of the extraction system. The upward gradient beneath the trench indicates that groundwater does not migrate below the trench. Well nest 01U626 also exhibits water levels consistently lower than all four monitoring points at bundle piezometer 01U627. This

demonstrates the complete reversal of the horizontal gradient toward the extraction trench. The monitoring coverage provided by the bundle piezometers demonstrates complete vertical and horizontal hydraulic capture.

Figure IV-24 presents the trichloroethene concentrations from the June 1996 annual sampling event. TRCLE concentrations range from 1.02 µg/l to 45,000 µg/l. Comparison of Figure IV-24 to the groundwater contour maps indicates that the VOC plume is hydraulically contained by the treatment system. Table IV-8 presents the monitoring well sampling data. The plume was originally defined based on data from all of the monitoring wells. The current monitoring well network is used to confirm the plume contours and measure the progress of remediation. Thus, Figure IV-24 was drawn with consideration of the extensive historical data.

Three wells (01U128, 01U617, and 01U621) exhibit elevated concentrations of 1,2-dichloroethene downgradient of the groundwater collection system's capture zone. Two of these wells (01U128 and 01U617) have exhibited reasonably consistent concentrations of 1,2-dichloroethene since 1987, indicating that it migrated prior to the establishment of the capture zone. The third well, 01U621, has only exhibited 1,2-dichloroethene since September 1993. The concentrations at these wells exhibited little change in FY 1996. Well 01U621 is cross-gradient of well 01U617, suggesting that the 1,2-dichloroethene is the result of lateral dispersion of the remnant plume in the well 01U617 vicinity. It is unlikely, given the hydraulic data, that this represents lack of performance of the groundwater collection system. In any case, continued monitoring in this area will track future changes in this part of the plume.

Trichloroethene was detected at well 01U604, which is downgradient of the trench. It is, however, well within the hydraulic capture zone of the trench. This result was qualified due to poor reproducability. Future monitoring will help confirm if this result is valid.

Influent and effluent analytical results are presented in Table IV-9. Historically, the higher concentrations in the influent have corresponded to higher pumping rates. Table IV-10 presents the effluent priority pollutant scan results.

h. Conclusions

The Site K groundwater extraction and treatment system removed 9.8 pounds of VOCs in FY 1996 and continues to provide hydraulic capture of the VOC plume. Overall, the system has removed 128 pounds of VOCs since August 1986.

The Building 103 groundwater remediation system is effective in attaining the designed capture of VOC contaminated groundwater in Unit 1 at Building 103.

i. Site K FY 1998 Performance Monitoring Plan

Figure III-1 presents the FY 1998 Monitoring Plan.

4. Evaluation of TGRS Remedial Action

a. Description of the Interim Remedial Action

In June 1986, the Groundwater Remediation Program Plan (GRPP) was developed for the Twin Cities Army Ammunition Plant (TCAAP). Figure II-1 presents the Site location map for TCAAP. The GRPP involved the development of a groundwater remediation system for Volatile Organic Compound (VOC) plumes at TCAAP and represents the first phase of the Alliant/Army remediation efforts at TCAAP. The second phase of the Honeywell/Army remediation was the construction of the Boundary Groundwater Recovery System (BGRS) completed in April 1987. Subsequent phases involve expansion of the remediation system to complete groundwater remediation on and off

TCAAP. The scope of the Phase III efforts was based on the operational performance of the BGRS during Phase II and is designated the TCAAP Groundwater Recovery System (TGRS). On August 12, 1987, a Federal Facility Agreement (FFA) between the U.S. Army, USEPA and MPCA was signed which formalized the TCAAP remedial program (the FFA became effective on December 31, 1987).

In September 1987 a Record of Decision (ROD) was prepared by the USEPA in order to implement the Interim Response Action Plan (IRAP) for TCAAP. The ROD provides specific criteria for the BGRS and TGRS. Following extensive interagency negotiations on the FFA and the ROD, the BGRS was started on October 19, 1987.

In accordance with Section 3.7.2 of Attachment 2 of the FFA and subsequent modifications, this section of the report serves as the Annual Monitoring Report and presents the monitoring results from the sixth year of operation of the TGRS, which began as an expansion of the BGRS on January 31, 1989. This report documents all performance and monitoring data collected from October 1995 through September 1996.

The Phase I BGRS consisted of six Unit 3 extraction wells (B1 through B6) which were connected by forcemain to an air stripping treatment facility. The TGRS was completed following an assessment of the performance of the initial six wells.

Following the initial 90-day operation of the BGRS, the IRA-BGRS Performance Assessment Report (PAR) was prepared. The PAR assessed the hydraulic and treatment performance of the BGRS. The PAR presented an extensive database collected during the initial 90 day period of BGRS operation and prior pertinent data. The PAR also included a summary of the geology, hydrogeology and remediation history for TCAAP. The PAR was subsequently approved by the MPCA and EPA.

The PAR made recommendations for expansion of the BGRS into the TGRS in order to meet the Phase II remediation criteria established in the ROD. These modifications were completed and the expanded system began operation on January 31, 1989. The expansions to the system consist of:

1. Four Unit 4 and two additional Unit 3 extraction wells for a total of 12 extraction wells located along the southwest boundary of TCAAP,

2. Two additional pairs of Unit 3 source control extraction wells located immediately downgradient of Sites D and G for a total of five source control extraction wells,

3. An expanded treatment facility designed to accommodate additional flow from the TGRS. This included a fourth stripping tower and associated appurtenances, and

4. 4,400 feet of forcemain to connect the additional extraction wells.

The 1988 BGRS Annual Assessment Report and Monitoring Plan was completed in May 1989 and was approved by the MPCA on August 9, 1989. This report presented the monitoring and performance data from the first year of the six-well BGRS operation (October 1987 to October 1988).

The 1989 Annual Monitoring Report was the first report covering the fully configured TGRS. It presented the following conclusions based on detailed performance assessment of the expanded TGRS:

1. The TGRS develops a continuous zone of capture that is approximately 4,500 feet wide at the TCAAP boundary. The zone of capture widens to approximately 8,300 feet upgradient of the boundary. This zone of capture was demonstrated at average system pumping rates of 2,400 to 2,700 gpm.

2. Hydraulic capture in the Unit 3 extends beyond the 5 µg/l trichloroethene contour at the TCAAP boundary. This meets the VOC capture criteria in the EPA ROD.

3. Hydraulic capture in Unit 4 extends beyond the 5 µg/l trichloroethene contour at the TCAAP boundary. This meets the VOC capture criteria in the EPA ROD.

4. The TGRS extracted and treated 19,510 pounds of VOCs in FY 1989.

5. The VOC plumes showed little variation in configuration since 1988. This is consistent with previous conclusions that significant plume variations occur slowly at TCAAP.

6. All effluent metals sampling results were below the contaminant-specific requirements.

7. Effluent VOC concentrations were below contaminant-specific requirements for all but one sampling event. In this round, the criteria was slightly exceeded with a trichloroethene concentration of 6.1 µg/l. However, the duplicate analysis yielded 2.7 µg/l.

8. The effluent priority pollutant scan indicated no parameters above the contaminant specific requirements. Base/neutral extractable organics, pesticides, PCBs and VOCs were not detected in the effluent.

9. Phosphorus sampling data exhibited a more consistent pattern than previous data. In particular, the orthophosphate data exhibited a consistent average concentration within a narrow confidence interval.

The 1989 Annual Monitoring Report was wider in scope than this or future annual monitoring reports for the TGRS. The 1989 report was both a performance assessment report and a monitoring report. The 1989 report represented the first year of operation of the expanded TGRS. Thus, a more detailed and exhaustive performance assessment was appropriate and possible as there were data available from non-pumping conditions for detailed comparison with pumping conditions. Since 1990 the system has continued to operate at an essentially steady state condition, so, no new comparisons to ambient conditions are necessary or possible.

b. Objectives

This section of the report presents the October 1995 through September 1996 operation of the TGRS. The schedule for reporting corresponds to the federal fiscal year (FY) (October through September) to facilitate meeting reporting schedules in the FFA/ROD. The fiscal year corresponds to the operational year since the BGRS was started in October 1987. The focus of this document is to report the FY 1996 performance of the TGRS in comparison to the groundwater capture and treatment criteria contained in the EPA ROD. Table IV-11 presents the capture and treatment criteria contained in the ROD. As discussed in the ROD, capture and treatment criteria may be changed by regulators in the future. Future objectives will address the criteria established at that time.

The two specific objectives of this report are:

1. Chemical/Hydraulic Capture Delineation

The first objective is to delineate the hydraulic zone of capture induced by operation of the TGRS. Hydraulic capture is compared to the Phase II chemical capture criteria presented in the EPA ROD. Capture is discussed in Section g., with groundwater contour maps of the aquifer drawn from field data. Confidence that groundwater contour maps accurately represent the aquifer performance of the TGRS was gained during the exhaustive performance assessment in the 1989 Annual Monitoring Report.

Groundwater modeling was also performed as part of the OU2 FS. The reader is referred to the OU2 FS for details on the modeling.

In Subsection 4.g., the hydraulic zone of capture is compared to the VOC isoconcentration maps to determine if the criteria have been met. The observed performance data form the core of the capture delineation.

2. Treatment System Performance Assessment

The second objective is to report the treatment performance of the TGRS with regard to the treatment criteria presented in the ROD. This objective is met through the presentation of extensive analytical data and operational data collected at the Site. These data allow calculations of the mass of VOCs removed and the removal efficiency.

System operational data are presented to demonstrate the mechanical performance of the system. This includes a quantification of down time and discussion of remedies implemented as a result of down time.

c. Relevant Activities During FY 1996

The TGRS continued to operate consistent with past operational years. Work on the TCAAP OU2 FS continued in FY 1996 and will address the TGRS in the context of a final remedy for OU2. Extraction wells B12 and SC4 were shut down in November 1996. These wells were shut down after reaching an agreement with MPCA and the USEPA based on the results of the FY 1995 AMR.

d. Monitoring

1) Groundwater

Groundwater samples and groundwater levels were collected in March 1996 and September 1996 in accordance with the FY 1996 Monitoring Plan. Samples were analyzed for VOCs.

2) Treatment System

The TGRS treatment system was sampled monthly during FY 1996 in accordance with the FY 1996 Monitoring Plan. TGRS influent and effluent were sampled monthly for VOCs. The TGRS effluent was also sampled monthly for metals. In March 1996, the effluent was analyzed for Target Analyte List/Target Compound List (TAL/TCL) compounds.

e. System Design Approach Summary

1) BGRS Pumping Tests

The initial six BGRS extraction wells (B1 through B6) were installed and pumping tests conducted prior to start up of the BGRS. These pumping tests were documented in the BGRS Extraction Well Pumping Test Report. Both step drawdown tests and constant rate tests were performed. Table IV-12 presents a summary of the transmissivities calculated from these pumping tests. Storativities were not calculated since the aquifer is unconfined or weakly confined along the TCAAP boundary and pumping did not extend a sufficient period of time to characterize the delayed yield response for the aquifer.

As Table IV-12 shows, the transmissivities exhibit reasonable consistency along the entire TCAAP boundary (ranging from about 26,000 to 38,000 ft^2/day). At the time of the BGRS Extraction Well Pumping Test Report, it was believed that these values reflected Unit 3 alone, and the interconnection of the Unit 3 and Unit 4 aquifers was largely ignored. What was unusual was that the Unit 3 thickness varied by a factor greater than 2 along the southwest TCAAP boundary. It would be expected that the transmissivities would vary more or less directly with the thickness of the unit. This thickness variation was not reflected in the pumping test results.

Subsequent to the BGRS Pumping Test Report, it was recognized that both the Unit 3 and Unit 4 aquifers respond as a single, layered aquifer with vertical variation in hydraulic conductivities. This is based on observations of drawdown across the entire Unit 3/Unit 4 thickness in response to pumping either Unit 3 or Unit 4. Thus, it is not surprising that the transmissivities remain constant along

the entire boundary since, although the Unit 3 varies substantially in thickness, the combined Unit 3 and Unit 4 thickness remains relatively constant.

2) TGRS Design

The PAR recommended the installation of one additional Unit 3 extraction well and four Unit 4 extraction wells. The PAR proposed pumping rates for these new wells and also proposed to increase the pumping rate of B1 to 350 gpm. It was agreed, however, after submission of the PAR, that a second Unit 3 extraction well (B11) would be installed southeast of B1, rather than increasing the pumping rate at B1.

The PAR also recommended two pairs of extraction wells downgradient of Sites D and G to provide source control of these Sites and to enhance VOC mass removal.

In the PAR, it was recommended that a pumping test be conducted on Unit 4 extraction well B9 to refine the final design of the TGRS. The pumping test on well B9 was conducted in August 1988 and formed the basis of the final design of the TGRS. This and the previous pumping tests were utilized to determine the pumping rate required to achieve the necessary zone of capture for the TGRS. The overall rate needed for the 17 extraction wells was determined to be 2,450 gpm. During the detailed design of the TGRS, the system was designed with the capacity to operate at a maximum theoretical rate of 2,900 gpm. The additional pumpage was included to provide a safety margin for the calculations and to allow for fluctuations in system operation.

In November 1989, the Aquifer Characterization Study was prepared as a supplement to the Honeywell Off TCAAP study, Phase III. This report presents a

detailed evaluation of four pumping tests conducted on and off TCAAP and correlates these with TGRS performance. From these analyses, the groundwater flux in Unit 3 and Unit 4 across the southwest TCAAP boundary was calculated. The Aquifer Characterization Report includes an analysis of the B9 pumping test. The results of the B9 pumping test are also included in the 1989 Annual Monitoring Report.

To summarize, the B9 test indicated the following aquifer parameters along the southwest TCAAP boundary:

Unit	Transmissivity (ft^2/day)	Thickness (ft)	Hydraulic Conductivity (ft/day)
Hillside Sand (Unit 3)	21,424	156	137
Prairie du Chien (Unit 4)	3,160	37	85
Jordan Sandstone (Unit 4)	4,140	90	46
Bulk Transmissivity	28,724	283	--

The bulk transmissivity from the Unit 4 B9 test matches the typical results from the B1 through B6 Unit 3 tests. This match strongly supports the conclusion that Unit 3 and Unit 4 respond as a single thick aquifer and that the consistent transmissivities along the boundary represent the entire aquifer thickness.

f. TGRS Engineering Controls

The overall design of the TGRS was developed with respect to the following guidelines:

- maximum anticipated groundwater extraction rate from the various extraction wells;
- maximum anticipated flow rates through the various legs of the forcemain;
- maximum anticipated throughput in the treatment center;

- multiple treated water discharge points;
- appropriate piping and equipment sizing to handle changes in flow rates;
- match equipment and structure sizes appropriately;
- flexibility to operate the system with portions of the system shut down;
- long term operational life;
- automatic operation requiring a daily system check, regularly scheduled maintenance and emergency response as required.

The operation of the TGRS involves the following processes in series: groundwater extraction, transmission of extracted groundwater to the treatment plant, groundwater treatment, transmission of treated water to an end-use, and treated water discharge.

Each process is operated continuously (i.e., there is not batch movement of water from process to process). System oversight consists of a daily inspection of operations and key system components with periodic maintenance and emergency response as needed. Operations, therefore, are extensively automated with continuous system monitoring and supervision provided by a programmable logic controller (PLC).

The following presents an overview of the entire TGRS mode of operation. A detailed explanation of system operation and design are contained in the Final Engineering Report and the TGRS Operation and Maintenance Manual. The Final Engineering Report and TGRS Operation and Maintenance Manual were issued in January 1991.

1) Summary of Operations

Through FY 1996, groundwater was extracted from 12 wells along the southwest boundary of TCAAP (B1 through B12) and five wells downgradient of interior source areas on TCAAP (SC1 through SC5). As of November 1996, there are 11 wells operating along the southwest boundary (B1 through B11) and four wells

operating downgradient of the surface areas (SC1 through SC3 and SC5). Submersible pumps in the extraction wells discharge into a common pressurized forcemain which carries the water to the treatment system. The treatment system is located adjacent to Building 116. The TGRS layout is presented on Figure IV-25.

Flow into the treatment plant from the forcemain is evenly split and directed to the top of two air stripping towers (Towers 1 and 2). The water is distributed over polypropylene packing and flows downward by gravity, through the tower packing. Air is forced upward through the packing using the tower blowers thereby volatilizing organic compounds from the water towers. The air discharges through moisture eliminators and exhausts out the top of the towers.

The primary treated water drains into two concrete wet wells beneath Towers 1 and 2. The wet wells are connected by a sluice gate which provides combined or parallel operation of Towers 1 and 2. Wet Well Pumps 1 and 2 (WWP#1 and WWP#2) transfer the water from Wet Well 1 and Wet Well 2, respectively, to the top inlet of Tower 4 and Tower 3, respectively, for final treatment. The water is again distributed over packing with continuous counter-current air flow and the water flows downward through the tower packing into the third wet well.

Wet Well Pumps 3 and 4 (WWP#3 and WWP#4) transfer the treated water from Wet Well 3 to a pressurized, 16"-diameter discharge forcemain and on to one or more of the discharge outlets.

The TGRS is designed and constructed with three options for treated water discharge: recharge at the Arsenal Sand and Gravel Pit, discharge to Rice Creek and discharge to the TCAAP plant's water tower. Water stored in the tower is polished with GAC prior to distribution at TCAAP. Currently, the Arsenal Sand

and Gravel Pit option is utilized for the majority of treated water. The TCAAP, through its elevated water tower, uses 142,000 to 232,000 gallons per work day, depending on the time of year.

2) System Operation Specifications

In general, the influent and effluent water flow rates at the treatment plant are designed to be equal, thereby providing continuous operation of all processes and equipment. The following is a summary of the system design parameters:

- The groundwater extraction system, including the treatment center and 17 TGRS extraction wells, has been designed to provide a theoretical hydraulic capacity of 2,900 gpm and a sustained daily average capacity of 2,730 gpm. The average rate of 2,730 gpm is the practical hydraulic capacity of the current system configuration and is not used in the determination of the required zone of capture. Refer to Table IV-13 for individual design flow rates.

- The influent to the treatment plant is divided between Towers 1 and 2, each receiving up to a maximum of 1,450 gpm.

- Wet Well Pumps 1 and 2 (located in Wet Wells 1 and 2) transfer water to Towers 4 and 3, respectively. Each pump and tower handles up to a maximum of 1,450 gpm.

- Wet Well Pumps 3 and 4 (located in Wet Well 3) discharge treated water to an end use at a combined rate of up to a maximum of 2,900 gpm.

- Air blowers provide air to the towers. The blowers for Towers 1 and 2 provide 6,000 - 7,000 scfm each. The blowers for Towers 3 and 4 provide 9,000 - 14,000 scfm each.

- Water level sensors within the wet wells communicate with the PLC according to changing water levels. A complete and balanced operation should provide continuing water levels above the low level switches and below the high-level indicator switches. However, given the probability of unbalanced flows for any number of reasons (i.e., changing hydraulic heads, maintenance, repairs, temporary malfunctions), the PLC has provisions within its program to cycle-off the extraction well or wet well pumps according to high water levels occurring in the wet wells; and in turn, cycle-off the wet well turbine pumps according to low levels occurring within these wet wells. The system operates such that the wet well pumps cycle off rather than the extraction well pumps. The rationale behind this is that there are a relatively small number of motors, starters and electrically controlled valves associated with the wet wells when compared with the extraction well field. This also provides for more continuous and complete hydraulic capture within the aquifer units. The extraction well field will cycle if necessary, however, starting with the least contaminated extraction well, B12, and followed by the other extraction wells in a predetermined sequence. The programmed shut-down sequence is presented in Table IV-14.

In summary, the priority of operation is as follows:

1. Maintain constant operation of all extraction wells and air stripping towers;

2. Maintain the desired flow rates at individual wells as presented in Table IV-13;

3. Maintain treatment center WWP#1 and WWP#2 pumping rate equal to or slightly above the combined flow of the extraction well field;

4. Maintain treatment center WWP#3 and WWP#4 pumping rate equal to or slightly above WWP#1 and #2; and

5. Provide water to the water tower.

3) FY 1996 Operational Performance

a) Overall System Performance

FY 1996 was the eighth year of operation of the expanded TGRS system. During October 1995 to September 1996 the system treated 1,363,770,000 gallons of water (Meters #1 and #2). The monthly and annual volume of water pumped is presented in Tables IV-15 and IV-16. Table IV-15 presents the pumphouse metered monthly flow volumes of each extraction well and historical flow data. Table IV-16 presents the combined pumphouse-metered flow volume (extraction wells) and the flow volumes metered at various stages in the treatment center along with historical data.

System operating parameters were revised in FY 94. In February 1994, it was determined that extraction well B2 could no longer produce 200 gpm, but could sustain a flow rate of 150 gpm. The flow rates for extraction wells B1 and B3 were increased to 235 and 215 gpm respectively, to offset the decrease in flow rate at B1.

b) Monthly Flow Reports

Each month a Monthly Flow Report is prepared. The report contains the month's meter totalizer readings and the calculated flow volumes. Flow volumes are presented on a daily basis and are totaled to provide a monthly flow volume. A compilation of FY 1996 Monthly Flow Reports is presented in Appendix H.1. During FY 1996, treatment center flow meters #1 and #2 were used to measure total flow volumes used in monthly reports because they are the most accurate and representative of actual flow. Daily variation in readings at individual wells is primarily due to differences in time of day when meter readings were taken.

c) Extraction Well Down Time and System Down Time

The down time for extraction wells is presented in Table IV-17. The down time presented in Table IV-17 includes the number of days the system was down for maintenance.

Treatment center and extraction well down time has resulted chiefly from the areas of trouble shooting and repairs, TCAAP electrical service failures, preventive maintenance, and system modification.

d) Description of Down Time Areas

System Modifications: There were no system modifications during FY 1996.

Troubleshooting/Repairs: Repairs to treatment center valves and wet well pumps were responsible for approximately 1.8 days of total system down time. Repairs to pumphouses typically involved repair or replacement of submersible pumps and motors and/or cleaning iron or manganese sludge from the well and piping. Pumphouse repairs accounted for approximately 2.3 days of total system down time.

Table IV-17 states that pumphouses B-7, B-11, and SC-2 were down for 13.8, 6.1, and 4 days, respectively.

Extraction well B7 required redevelopment to restore lost capacity. The well was shut down and redeveloped over a two week period. B7 was able to produce 280 gpm upon completion of redevelopment.

Extraction well B11 was shut down for 6.1 days. The majority of the time was due to two failures. In February, the pumphouse was shut down for four days for repair to the submersible pumping system. In July 1996, a fuse in the 480 VAC circuit failed which caused the pumphouse to be shut down for 1.2 days.

Source control well SC-2 was shut down for 4 days in FY 96. The majority of downtime in FY 96 was due to three events. In November 1995, the pumphouse was shut down for 8.5 hours due to an electrical service outage.

This well produces iron sludge which fouls the pumping system and pumphouse piping. In January 1996, the pumphouse was shut down for 7 hours for cleaning of the pumping system. In September 1996, the well was shut down for 71 hours for redevelopment.

Water levels in extraction wells can be indicative of failures which have occurred and failures which will occur. In FY 96, the water level appeared to decrease in wells 03F307, 03F308, and 03U112 and appeared to increase in well 03U301.

The water level in well 03F307 (B6) continued to decrease in FY 96. The most likely cause of the decrease in the pumping water level is fouling of the well bore. It may be necessary to redevelop the well in FY 97. The water level in well 03F308 (B7) was lower than in FY 95. The decreased pumping water level was due to a fouled well bore. The well was redeveloped in FY 96 and the pumping water level increased. The water level in well 03U301 (SC-1) increased in FY 96. The increase in water level was higher because the plugging of the wells forcemain restricted flow from the well. The plugged forcemain was replaced, removing the undue flow restriction and allowed the well to pump as designed.

TCAAP Electrical System Failures: All electrical power to the TGRS is provided by the TCAAP electrical system. The TCAAP system suffered few failures in 1996. Down time from power outages accounted for approximately 0.09 days of the total system down time.

Preventive Maintenance: Preventive maintenance, as described in the Operation and Maintenance manuals, accounted for approximately 0 days

of total system down time as preventive maintenance was performed either while the system was down for other reasons or downtime was negligible.

Compilation of down time days and categories is presented in Table IV-18.

e) FY 1996 Operating Performance

The TGRS successfully captured and treated 1,363,770,000 gallons of contaminated water from October 1995 through September 1996. The system pumped at an average of 2,588 gpm or 106 percent of the quantity of water necessary to achieve capture based on demonstrated capture at 2,450 gpm in 1989. The TGRS was operational over 98 percent of the time. This is comparable to the 1995 operating year in which the system also operated over 98 percent of the time and pumped 108 percent of the quantity required for capture.

Preventive Maintenance (PM): The extensive PM program allowed the operations staff to identify and repair or replace equipment to avoid a downtime failure. When required, further repair work was scheduled rather than waiting for the failure to occur. A broad range of system-specific information was collected during this year's PM. This information was used to refine the content and frequency of PM procedures.

Electrical Inspection and Temperature Survey: A system-wide electrical inspection and infrared temperature survey was performed to identify loose connections and overheating components. Component overheating often precedes equipment failure.

Verification of Flow Meters: As part of the annual PM, flow meters in the pumphouses were interchanged. Flow volume measurements before and after conducting maintenance on the meters were compared to verify consistency of measurement.

Daily Tracking of Flow Rates: Pumphouse and treatment center meter readings were recorded in the course of the daily inspection. Daily meter readings were entered into the computer and the flow rates were calculated and reviewed by the operations staff. Early detection of changes in flow rate were critical in early identification of failing equipment. By early detection of flow rate changes, equipment repair was typically scheduled before a failure occurred.

Pumphouse Flow Tests and Motor Amperage Readings: Pumphouse lift systems were tested to determine the present flow capacity and motor amperage draw. The test data were compared to the original flow capacity and amperage draw. Decreases in flow capacity or changes in current draw alerted the system operations staff to inspect suspect equipment and schedule repairs before a down time failure occurred.

g. Performance

1) Hydraulic Performance

a) Groundwater Capture

The zone of hydraulic capture for the TGRS in FY 1996 was determined by contouring the June 1996 and September 1996 water level data. Contours were constructed manually. Past site experience and discussions

with MPCA and EPA determined that manually constructed contours are appropriate at TCAAP due to the complexities of the flow field and the resulting need for hydrogeological expertise in interpreting the flow field. Confidence in the groundwater contours was gained during the detailed analysis presented in the 1989 Annual Monitoring Report. This included pumping test analysis, drawdown analysis and vertical gradient analysis. The reader should consult the 1989 report for a complete analysis of hydraulic capture.

Appendix F.1 contains the water level database for the monitoring wells. Figures IV-27, IV-29, and IV-31 present the groundwater contours for Upper Unit 3, Lower Unit 3 and Unit 4, respectively for June 1996. Figures IV-28, IV-30, and IV-32 present the groundwater contours for early September 1996. These figures are also presented full size as Plan Sheets 16 through 21. These plan sheets and figures present the potentiometric contours from three vertical portions of the aquifer. For each level, the horizontal extent of capture is nearly identical. This strong similarity between Upper Unit 3, Lower Unit 3 and Unit 4 contour patterns illustrates that the capture is vertically continuous across the aquifer at TCAAP. This is as expected since Unit 3 and Unit 4 are hydraulically connected and act as a single, thick aquifer. This continuity was discussed thoroughly in the 1989 Annual Monitoring Report.

Inspection of these figures indicates a broad area of very low horizontal gradients immediately southwest of the TGRS, which is indicative of a stagnation zone downgradient of the TGRS. In the southern portion of the TGRS there are insufficient wells to accurately contour Unit 4 capture in this part of the Site. The flat gradients do indicate there is capture of bedrock groundwater by Unit 3 extraction wells. Contaminants are not

currently in Unit 4 in this area; therefore, Unit 4 is not of concern for remediation in this area of the Site and further definition of Unit 4 capture is not needed.

The flow field is quite similar to that presented in the 1989 through 1995 Annual Monitoring Reports. This is as expected since the groundwater extraction system has been operating at an essentially steady rate throughout these years. Past investigation did not indicate significant changes in the ambient flow pattern during non-pumping conditions at TCAAP. It follows that under constant pumping, capture would remain constant.

Appendix F.2 contains selected hydrographs from wells throughout TCAAP. Review of the hydrographs indicates that water levels increased between September 1995 and March 1996 then declined sharply in September 1996. The decline may reflect the low precipitation experienced during the summer of 1996. Water levels are still several feet above the low levels measured in 1990-91. These observations are based on the 007 and 012 well nests. These two nests represent background conditions as they are relatively far from the TGRS extraction wells and the gravel pit recharge area. These decreases are less than 1 percent of the overall aquifer thickness and therefore, do not impact the overall transmissivity of the aquifers. Thus, the water level decreases do not indicate any significant change in the groundwater flux beneath the site.

b) Arsenal Sand and Gravel Pit Discharge Water Balance

The water elevation in the Arsenal Sand and Gravel Pit was relatively unchanged from the measurement in September 1994. Measurements

were not taken in FY 1995 due to damage to the staff gauges. In FY 1996, three new staff gauges were installed (SG1a, SG2a and SG3a) as shown in Appendix F.1. These stable water levels in the Gravel Pit illustrate that water is not accumulating there. Based on visual observation during FY 1995, there were no noticeable changes in Gravel Pit performance. The Gravel Pit is easily accommodating the TGRS discharge as designed.

2) Chemical Performance Assessment

a) VOC Plumes

Plan Sheet 22, Plan Sheet 23, and Plan Sheet 24 present the trichloroethene contours for Upper Unit 3, Lower Unit 3, and Unit 4 aquifers based on the June 1996 sampling data. These plans are also included here on Figure IV-33, Figure IV-34 and Figure IV-35.

Along the TCAAP boundary the width of the VOC plume above 5 µg/l trichloroethene has been shrinking since approximately 1993. Well nest 001 has historically defined the northern edge of the plume along the site boundary. However, wells 04U001 and 03L001 have consistently been below 5 µg/l since 1993. Currently, there are no Unit 3 wells north of B7 above 5 µg/l trichloroethene. In Unit 4, only wells 04U714 and 04U713 are above 5 µg/l and these are both less than 1 µg/l above 5 µg/l. These declining VOC concentrations show that the TGRS has successfully reduced the plume concentration in this portion of the site. As discussed earlier, extraction well B12 was shut down in November 1996 in response to the observed reduction in the plume extent.

The 10 µg/l trichloroethene contour lies farther north in Upper Unit 4 than in Upper Unit 3. It lies north of PJ#311 (B10) in Unit 4, while in Upper Unit 3 it lies south of 03U701, a difference of approximately 565 feet.

The zone of capture created by the TGRS extends beyond the 5 µg/l trichloroethene contour along the entire southwest TCAAP boundary.

b) Extracted Groundwater Quality

As discussed in Section IV.A.4.f.3.a, the TGRS extracted and treated 1,363,770,000 gallons of water from October 1995 through September 1996. Based on the monthly influent and effluent VOC concentrations (see Section IV.A.4.g.2.b) and the monthly flow totals measured with meters #1 and #2 (see Section IV.f.3.b), the TGRS removed a total of 10,665 pounds of VOCs from October 1995 through September 1996. The VOC mass is 20 percent lower than the FY 1995 VOC mass removal of 13,355 pounds. The VOC mass removal rate for the TGRS has been declining since FY 1992. This reflects the overall decrease in plume strength. Table IV-19 summarizes the individual VOC mass contribution of each extraction well and the entire system.

The total mass removed is based on the monthly TGRS influent and effluent sampling. The percent contributions for each well are based on the average flows from each well and the semi-annual VOC results from each well. When calculating the number of pounds of VOCs for each well, the flows and concentrations were normalized to the treatment center flows and concentrations to correct for variance between flow meters in the well houses and for consistency between VOC concentrations at the wells and monthly VOC concentrations in the influent and effluent. We

assumed that the monthly sampling of the treatment system provides the best estimate of overall mass removal rather than the individual extraction well sampling due to the larger number of samples and consistency in the month-to-month analytical results. The March 1996 TGRS influent results appear anomalous (40 µg/L total VOCs) compared to other months and historical data. Therefore, for the mass removal calculations, the mean removal from February and April was used for March.

VOC samples were collected semi-annually from the 17 extraction wells that comprise the TGRS. Table IV-20 presents a summary of these sampling results. Variations in detection limits from round to round are the result of varying sample dilutions performed by the laboratory. Dilutions are required due to high concentrations of some analytes. The location of the extraction wells is presented on Figure IV-25.

Appendix G.1 presents trichloroethene versus time graphs for each extraction well. Wells B1, B2, B6, B7, B8, B9, B10, B11, B12, SC2, SC3 and SC5 exhibit declining trichloroethene concentrations over time. As is typical, these wells exhibit asymptotic decreases over time. Wells B3, B4 and SC4 exhibited rising trichloroethene concentrations with time which now appear to be leveling off. Well B5 was increasing through 1992 and has been decreasing since then. Overall, the graphs indicate a long-term decrease in VOC concentrations. Extraction wells B7 and B12 were both below the contaminant-specific requirement for trichloroethene (5 µg/l), and all other VOCs, throughout FY 1996. B12 has been below the criteria since FY 1992 and was shut down in November 1996.

These trends reflect the overall decline in plume concentration. In addition, as discussed below, there has been a reduction in overall TGRS

influent concentrations over the previous couple of years. These trends also indicate a redistribution of the plumes due to the changes in flow. The changes in flow are due to pumping stresses.

VOC mass removal rates are summarized for each extraction well in Table IV-19. The mass removal rates are based on average pumping rates over each monitoring interval. As Table IV-19 illustrates, the greatest degrees of mass removal are achieved by wells B1, B4, B5, B6, B9 and SC5, which are located in the centers of the plumes. These six wells each recovered 213 pounds to over 3,743 pounds of VOCs and accounted for 96 percent of the VOC mass removed. Well B5, located in the center of the north plume, removed 29.9 percent of the total VOC mass. Wells B7, B10, B11 and B12, which pump on the south and north edges of the plume, removed only about 18 pounds (0.17 percent) of the total VOC mass.

The source control wells, SC1 through SC5, together accounted for 37 percent of the VOC mass removed while accounting for only 12 percent of the water pumped by the system. SC5, in particular, removed 35 percent of the total VOC mass at a rate of only approximately 100 gpm. This illustrates the efficiency of extraction from near the source areas. Extraction well SC4 is removing significantly less VOC mass than the other extraction wells. Consequently, it was shut down in November 1996, as discussed earlier.

c) Groundwater Treatment

i) VOCs

Influent and effluent water were sampled on a monthly basis during FY 1996. Table IV-21 presents a summary of the influent and effluent data. TGRS influent is labeled TGRSI and effluent is labeled TGRSE in Appendix G.2. Figure IV-26 presents a graph of influent trichloroethene versus time. This graph is cumulative and includes previously reported BGRS data. Influent concentrations were declining in FY 1996. The average FY 1996 influent trichloroethene concentration was 715 µg/l, down from 800 µg/l in FY 1995. (This average excludes the March 1996 data which appears anomalous at 31µg/L.) Since the full-scale start-up of the TGRS, influent concentrations have not exhibited a clear trend until approximately 1993, when a decrease appeared to be occurring. The decline corresponds to this decrease in VOC mass removal discussed earlier.

Figure IV-26 also includes a summary of the effluent trichloroethene concentration versus time. As indicated, effluent has remained below 5 µg/l trichloroethene for all sampling events in FY 1996. A review of the 1996 database indicates that the effluent has also remained below the Contaminant Specific Requirements for all other VOC compounds in the ROD. Comparison of influent and effluent trichloroethene concentrations indicates an average removal efficiency over 99.9 percent.

ii) Annual Effluent TAL/TCL Scan

Appendix G.2 includes the results of the annual effluent TAL/TCL scan conducted in June 1996. Semi-volatile compounds were not detected. Pesticides were not detected. PCBs were not detected. These compounds are not expected to be present in TGRS effluent. The TAL/TCL scan is conducted as a precautionary measure since some of these chemicals have been identified in TCAAP soils. These compounds potentially could be present in groundwater.

No metals were identified in the TAL scan above the contaminant specific requirements in the ROD.

iii) Metals

In addition to the TAL scan, samples for metals analyses were collected monthly from the system effluent. Metals, specifically lead and cadmium, have been sporadically detected above contaminant specific requirements in the effluent and in a few monitoring wells.

The 1996 effluent metals analyses did not exhibit any metals exceeding the contaminant specific requirements in the ROD. Table IV-22 presents the effluent metals and cyanide summary. In particular, lead and cadmium were not detected in the TGRS effluent during FY 1996.

d) Air Emissions

The air stripping towers remove VOCs with an efficiency of over 99.9 percent. Thus, the air emissions are essentially equal to the VOC mass removal rates presented in Table IV-19. Air emissions therefore averaged 29.1 pounds/day based on the VOC mass removal rates. The total VOC emissions from October 1995 through September 1996 were 10,665 pounds.

h. Conclusions

1. The TGRS is maintaining a continuous zone of capture that is approximately 5,000 feet wide at the TCAAP southwestern boundary. The zone of capture widens to over 6,000 feet upgradient of the boundary. Data from nested wells at three levels within the aquifer demonstrate that this extent of capture is also vertically continuous.

2. Hydraulic capture in Unit 3 extends beyond the 5µg/l trichloroethene contour at the TCAAP boundary. This meets the VOC capture criterion in the EPA ROD. To the northwest, the capture extends over 1,500 feet beyond the 5 µg/l contour.

3. Hydraulic capture in Unit 4 extends beyond the 5 µg/l trichloroethene contour at the TCAAP boundary. This meets the VOC capture criterion in the EPA ROD.

4. The TGRS extracted and treated 1,363,770,000 gallons of water and removed 10,665 pounds of VOCs from October 1995 to September 1996.

5. The VOC plumes continue to show a reduction in overall extent since 1988. This demonstrates that the TGRS is effectively removing VOC mass from the aquifer as it also effectively contains the plume.

6. All effluent metals sampling results were below the contaminant-specific requirements.

7. Effluent VOC concentrations were below contaminant-specific requirements for all sampling events.

8. The effluent priority pollutant scan indicated no parameters above the contaminant-specific requirements.

i. Recommendations

Recommendations for TGRS operational modification are addressed in separate correspondence between the Army and the MPCA/EPA.

j. TGRS Performance Monitoring Plan

For FY 1998, only one comprehensive round of monitoring well sampling will be conducted. Semi-annual monitoring of water levels and extraction well water quality will continue. The historical water quality data has shown that annual monitoring is sufficient to track long-term changes in the plume over time. Completion of the OU2 FS may necessitate changes consistent with the final remedy. Table III-1 presents the proposed FY 1998 monitoring plan.

B. SITE CHARACTERIZATION

1. Objectives

The objective of OU2 site characterization is to collect data regarding known and potential disposal areas in support of feasibility studies and remedial design. Once final remedies have been implemented, performance monitoring will replace the characterization monitoring.

2. Relevant Activities During FY 1996

Activities related to OU2 which occurred in FY 1996 included review and revisions to the OU2 FS, initiation of a Remedial Design/Remedial Action (RD/RA) Work Plan, initiation of the Sites D and G Remedial Design Work Plan, review and revisions to the Outdoor Firing Range Phase II Report and Grenade Range EE/CA, and initiation of the Comprehensive Unexploded Ordnance Characterization Report.

The OU2 FS report was prepared by Montgomery Watson and submitted for review by the MPCA and the USEPA. The document is in the review and revision period and is scheduled to be finalized in FY 1997. The OU2 ROD is also scheduled to be completed in FY 1997.

Montgomery Watson also initiated work on the OU2 RD/RA Work Plan. This document will ultimately be completed after the final OU2 FS report and is also scheduled to be completed in FY 1997.

The Grenade Range EE/CA is currently under Army review and may be finalized in FY 1997, depending upon availability of funds.

The Outdoor Firing Range final report is scheduled to be submitted to the regulators in FY 1997.

At Site F, a previously unknown farmstead well was discovered during the Site F closure activities. Thein Well Company was contracted to seal the well in accordance with Minnesota Department of Health requirements. The well was sealed in FY 1996.

The Sites D and G Remedial Design Work Plan was initiated in FY 1996 by Stone and Webster under the USACE Total Environmental Restoration Contract.

3. Monitoring

During FY 1996, 787 water level measurements and 286 water quality samples were scheduled to be collected. This equates to using approximately 25 percent of the available OU2 monitoring points for site characterization purposes. This low percentage is expected at this point of the Installation Restoration Program as the site characterization objective has largely been completed. Eight water quality samples were not able to be collected at OU2 due to well inaccessibility, sampling oversight, etc. as shown in Appendix B. The specific reasons wells were not sampled are included in the quarterly monitoring reports provided to the regulators under separate cover.

4. Characterization Evaluation

a. Groundwater Flow

1) Upper Unit 1

Unit 1 is discontinuous beneath TCAAP and is primarily a concern only at Sites A, B, C, I, J, and K. Unit 1 is generally absent in the central portion of TCAAP where glacial kame deposits (Unit 3) occur at the surface. Groundwater elevation contour maps are presented and discussed in the sections of this report regarding Sites A and K.

2) Upper Unit 3

Groundwater elevation contours for OU2 Upper Unit 3 are shown on Figures IV-27 and IV-28 (Plan Sheets 16 and 17) for May/June and September 1996, respectively.

The general groundwater flow direction in Upper Unit 3 is to the southwest, which is consistent with last year's interpretation. Local variations in flow direction range from west to south. Detailed discussion of pumping effects on groundwater flow conditions in the vicinity of the TCAAP Groundwater Recovery System (TGRS) is presented in Section IV.A.4.

Compared to last year, groundwater elevations in Upper Unit 3 are approximately one foot lower. Horizontal hydraulic gradients calculated from groundwater elevation contours at various on-post locations are similar to last year's and indicate a range of approximately 0.003 to 0.001 feet per foot.

3) Lower Unit 3

Figures IV-29 and IV-30 (Plan Sheets 18 and 19) present OU2 Lower Unit 3 groundwater elevation contours using May/June and September 1996 data, respectively. The groundwater flow direction in Lower Unit 3 is generally to the southwest, similar to that of Upper Unit 3. Detailed discussion of pumping effects on groundwater flow conditions in the vicinity of the TGRS is presented in Section IV.A.4. Groundwater elevations are about one foot lower than last year. Horizontal hydraulic gradients calculated from the groundwater elevation contours at various on-post locations indicate a range of approximately 0.003 to 0.0008 feet per foot.

4) Upper Unit 4

Figures IV-31 and IV-32 (Plan Sheets 20 and 21) show OU2 Upper Unit 4 groundwater elevation contours using May/June and September 1996 data, respectively. Figures IV-31 and IV-32 show that OU2 groundwater in Upper Unit 4 flows to the southwest with little variation. Detailed discussion of pumping effects on groundwater flow conditions in the vicinity of the TGRS is presented in Section IV.A.4.

Groundwater elevations are approximately one foot lower than last year. Horizontal hydraulic gradients calculated for the groundwater elevation contours at various on-post locations indicate a range of approximately 0.003 to 0.001 feet per foot.

b. Groundwater Quality

1) General

The purpose of this section is to discuss the overall extent of contamination for OU2. The discussion focuses on VOC contamination and is based primarily upon the groundwater quality contour maps presented as Figures IV-33 through IV-35 (Plan Sheets 22 through 24) and cross-sections A-A' and B-B' presented as Figure III-7 (Plan Sheet 10).

The cross-sections provide a perspective of the vertical extent of the trichloroethene concentrations over the entire study area for each plume. The cross-sections also show the wide range of elevations that the upper, middle, and lower wells are screened at, indicating that the well designation done is not necessarily an accurate indication of the well placement in all cases.

Discussion of specific sites or areas is provided later in this section, including trends in contaminant concentrations. Because inorganic monitoring was limited during FY 1996, this entire section is devoted to groundwater quality with respect to VOCs. All statements and interpretations should be regarded as referring to VOC groundwater quality only.

a) Upper Unit 1

The Unit 1 aquifer is discontinuous beneath TCAAP, principally occurring beneath the northern, western, and southwestern portions of the site. Groundwater impacts are not widespread in Unit 1, but contamination is present near Sites A, I, and K. Because the impacts are limited to these relatively localized areas, overall groundwater quality contour maps were not prepared for Unit 1. For the purposes of this report, detailed maps of Site A have been prepared to illustrate groundwater quality contours and are presented in Section IV.A.1. Discussion of groundwater quality for Sites A, I, and K are provided in Sections IV.A.1, IV.A.2, and IV.A.3 of this report, respectively.

b) Upper Unit 3

i) Background Conditions

Background conditions for organic groundwater quality at TCAAP are provided by monitoring wells near the upgradient (eastern) property boundary. Upper Unit 3 wells monitored for this purpose (03U007 and 03U009) are sampled every other year with FY 1996 being an "on" year.

There were no detections in either well in FY 1996.

ii) Contaminant Plume Characterization

Trichloroethene continues to be the most prevalent contaminant, both on-post and off-post, with respect to concentration values. Groundwater quality contour maps of trichloroethene concentrations in Upper Unit 3 are presented as Figure IV-33 (Plan Sheet 22) representing the on-post (OU2) concentrations. The trichloroethene concentrations are also presented on Figure III-7 (Plan Sheet 10) as cross-sections A-A' and B-B'.

Figure IV-33 (Plan Sheet 22) shows that the north plume originates from plumes at Sites D and G which converge in the area of the Building 503 concrete pad. The highest on-post concentrations associated with the north plume are downgradient of these two sites at well 03U317 (7,400 µg/l, June 1996) and at well 03U020 (8,800 µg/l, June 1996). Well 03U317 is a recovery well (source recovery well #5) and was not contoured on Figure IV-33 (Plan Sheet 22) since the data obtained from the recovery well represents the average concentration of all groundwater entering the well. This data was also not contoured due to quality control issues (spike recovery values) as previously discussed in Section II.D.2.a.

Historically, well 03U093 has had the highest concentrations at the entire site and was as high as 79,000 µg/l in December 1987. Well 03U093 is located immediately downgradient of Site D. The concentration at this well has dropped to 260 µg/l in September 1996. Similarly, well 03U094 had the highest concentration of the

wells near Site G in December 1987 at 18,000 µg/l. The concentration in this well has dropped to 1,100 µg/l in June 1996. The general inference is that the source area for groundwater contamination is being reduced by the soil vapor extraction systems at Sites D and G, and that the TGRS source control wells are removing contaminated groundwater immediately downgradient of both Sites D and G.

In general, the 1,000 µg/l contour is similar to past years on-post. Due to an increase in the concentrations at 03U021 and 03U094 from 910 and 640 µg/l in March 1995 to 2,700 and 1,100 µg/l in June 1996, respectively, the 1,000 µg/l contour has shifted in the vicinity of these wells. A decrease in the concentration at well 03U077, has shifted the 1,000 µg/l contour a little south in that vicinity.

Well 03U709, located along the southwest boundary, continues to show the effects of pumping the TGRS. Continued pumping is expected to continue to expand this "hole" of cleaner water. Trichloroethene concentrations at this well have dropped to less than 100 µg/l which facilitated adding an additional hatched 100 µg/l line surrounding this well on Figure IV-33 (Plan Sheet 22).

A 1,000 µg/l contour is present in the vicinity of the recovery well 03U301 at Site I. Trichloroethene concentrations at well 03U801, downgradient of Site I continue to decrease from a high of 5,200 µg/l in March 1994 to 590 µg/l in June 1996. This signifies

the success of the TGRS and shows the source which contributes to the OU3 plume is being reduced.

The 100 µg/l contour did not change significantly on-post from FY 1995 to FY 1996.

A 10 µg/l contour was added at Site H to surround well 03U099.

A decrease at wells 03U090 and 03U112 at Site F to values of 9.92 and 9.77 µg/l, respectively, resulted in a slight shift of the 10 µg/l contour to the west of these wells in FY 1996.

No significant changes to the 1 µg/l contour were necessary for FY 1996.

The shape of the plume in Upper Unit 3 matches the trend of the groundwater elevation contours. The overall evaluation of trichloroethene concentrations in Upper Unit 3 is that the plume reduction near source areas and the continued presence of breaks in the contours at the southwest boundary are being caused by TGRS pumping.

c) Lower Unit 3

i) Background Conditions

Well 03L007 along the upgradient TCAAP boundary is used to monitor background conditions in Lower Unit 3. This well is monitored once every other year. It was sampled during FY 1996

and, similar to all historical results, no VOC contamination was detected.

ii) Contaminant Plume Characterization

Contour maps for trichloroethene concentrations in Lower Unit 3 are provided as Figure IV-34 (Plan Sheet 23) representing on-post concentrations. Recovery wells and Middle Unit 3 wells are also shown on the plan sheets, but were not used for contouring purposes. Cross-sections A-A' and B-B', which include horizontal and vertical trichloroethene distribution in Lower Unit 3, are shown on Figure III-7 (Plan Sheet 10). It is worth noting that cross-section A-A' shows the much deeper screen elevations of Lower Unit 3 wells 03L014 and 03L113 located in the bedrock valley region.

Figure IV-34 (Plan Sheet 23) indicates that the 100 µg/l contour for the "north plume" associated with Sites D and G merges in the vicinity of the Building 503 concrete pad.

Although Lower Unit 3 wells are not present in the vicinity of Site D, the contours shown on Figure IV-34 (Plan Sheet 23) suggest a distinct lobe from Site D, similar to the lobe defined by well 03L020 from Site G.

The on-post contour map shown on Figure IV-34 (Plan Sheet 23) is similar to last year's map with the exception of continued shrinkage in the 1,000 µg/l contour. This is a result of a continued

decrease in the trichloroethene concentration at well 03L077 from 1,200 µg/l (March 1994) to 360 µg/l (June 1996).

The 10 µg/l and 1 µg/l contours remained relatively unchanged in FY 1996 with the exception of slight contractions of the 10 µg/l and 1 µg/l contours near well 03L017, and the 1 µg/l contour near well 03L091 near Site 129-15.

Concentrations for Unit 3 recovery wells along the southwest boundary on Figure IV-34 (Plan Sheet 23) were not used for contouring.

d) Upper Unit 4

i) Background Conditions

Background conditions for organic groundwater quality in Upper Unit 4 are provided by monitoring wells 04U007 and 04U510 near the eastern TCAAP boundary as shown on Figure IV-35 (Plan Sheet 24). These wells are sampled every other year with FY 1996 being an "on" year. Well 04U007 was sampled in June 1996 (Q51) and no VOCs were detected. Samples from 04U007 and 04U510 in March 1994 (Q42) detected low level VOCs. All previous sampling data from these wells has been non-detect which suggests the results from March 1994 were anomalous.

ii) Contaminant Plume Characterization

Contour maps for trichloroethene concentrations in Upper Unit 4 representing on-post concentrations are included as Figure IV-35 (Plan Sheet 24). Figure IV-35 (Plan Sheet 24) and cross-section A-A' on Figure III-7 (Plan Sheet 10) show that the maximum trichloroethene concentrations in Upper Unit 4 are defined by the 100 µg/l contour which encompasses wells 04U077 and 04U806. The 1,000 µg/l contour was deleted from last years depiction of the trichloroethene plume. The previous 1,000 µg/l contour was based on data observed at 04U077 in FY 1993. Subsequent analysis at 04U077 with trichloroethene concentration all less than 1,000 µg/l, and continued pumping of the TGRS, support the removal of the contour.

2) Known or Potential Source Areas

a) Site A

Discussion of groundwater quality data for Site A is presented in Section IV.A.1 of this report.

b) Site B

Site B, located along the northern boundary of TCAAP, consists of old building foundations where waste disposal was suspected. However, historic groundwater sampling at Site B has not detected any significant groundwater contamination.

Well 01U036 at Site B was sampled during June 1996 for halogenated VOCs (Category 1). The results showed that no halogenated VOCs were detected.

c) Site C

Site C, located along Mounds View Road in the north-central portion of TCAAP, was documented as a potential disposal site. Historic groundwater sampling has not detected any significant contamination.

Groundwater sampling performed at Site C in FY 1996 was done as a continued monitoring of groundwater quality. Well 01U085 was sampled during June 1996 for halogenated VOCs (Category 1) to evaluate Unit 1 water quality. Analytical results showed no detection of any halogenated VOCs during the June sampling event. Historic data are shown in Table II-2.

An Upper Unit 3 monitoring well (03U083) was also sampled during June 1996 to monitor water quality for Category 1 and Category 7 analytes. No halogenated or aromatic VOCs were detected for this sampling event, similar to the past five years.

d) Site D

Site D, located in the central portion of TCAAP, has contributed significant contamination to the Unit 3 and 4 aquifers due to past activities. Active remediation at Site D is being performed by a soil vapor extraction (SVE) system and a groundwater recovery system. A work plan for an expanded SVE system at Site D is currently being prepared. The

groundwater recovery system utilizes pumpout wells 03U316 and 03U317 located downgradient from Site D (as shown on Figure IV-33) to capture contaminated groundwater for treatment and disposal within TCAAP.

Unit 1 and Unit 2 are not present at Site D, thereby allowing solvents disposed at Site D to migrate directly into Unit 3.

Water quality trend figures have been prepared showing variations in trichloroethene concentrations near Site D. These figures plot the concentrations of well 03U093 as a source strength well and wells 03U017, 03M017, and 03L017 as downgradient wells. The trend figures are included as Figures IV-36 and IV-37. In general, the figures show that trichloroethene is decreasing both near the source area and also at the downgradient well nest composed of Upper, Middle, and Lower Unit 3 wells which supports the finding that remediation efforts are successfully reducing contaminant concentrations near Site D.

In general, Upper Unit 3 remains the most contaminated aquifer near Site D. The trichloroethene concentrations at well 03U093, shown in Figure IV-37, indicate a overall decreasing trend over the past six years (40,000 µg/l in May 1990 to 260 µg/l in September 1996). The June 1996 concentration was not utilized due to a quality control issue (spike recovery) as previously discussed in Section II.D.2.a. The concentration reduction at well 03U093 indicates that the SVE system is effectively minimizing additional contamination of the groundwater at Site D.

During FY 1996, contaminant concentrations in several Site D wells exceeded the groundwater action criteria specified in revised Table 3.7A of the FFA. Specifically, concentrations of trichloroethene exceeded the

action criteria of 2.80 µg/l at wells 03U017, 03U093, 03U316, 03U317, and 03M017. Other wells such as 03U317, exceeded the groundwater action criteria for other compounds (e.g., 1,1,2-dichloroethene) because of high method detection limits. Well 03U317 has high detection limits because of dilution needed to quantify the high concentrations of target compounds. The issue of re-analyzing undiluted samples to quantify contaminants with lesser concentrations will be re-evaluated as needed in the OU2 RD/RA process. All of these wells are within the capture zone of the TGRS. All VOC groundwater action criteria exceedances are indicated on Table II-2 by shading.

e) Site E

Site E, located in the central portion of TCAAP, was used as a burning area and debris burial site (Argonne National Laboratory, 1990). The focus of groundwater sampling has been on Unit 3 since Units 1 and 2 are absent at the site.

During June 1996, wells 03U015, 03U089, and 03U704 were sampled and analyzed for halogenated VOCs (Category 1). Well 03U704 is also used to evaluate conditions near the gravel pit area, which is located upgradient of Site E.

Groundwater quality based on June 1996 analytical results indicates that there were no VOC detections in wells 03U015, 03U089, or 03U704.

f) Site F

Site F, located along Snelling Avenue in the south-central portion of TCAAP between Sites D and G, was used for the burning of explosives and the burial of mercury crack cases (Argonne National Laboratory, 1991). Site F closure work, primarily soil excavation remediation for heavy metals, was performed during 1993-1995. Work proved that Site F is not a source for groundwater contamination. Groundwater contamination in the vicinity of Site F is the result of solvent disposal activities at Sites D and/or G.

Unit 3 represents the aquifer of primary concern for this location. Historically, wells in Upper Unit 3 have shown significant levels of halogenated VOCs, primarily 1,1,1-trichloroethane and trichloroethene, and to a lesser extent 1,1-dichloroethene. Chloroform has also historically been detected in certain wells in the vicinity of Site F, along with sporadic detections of aromatic VOCs, specifically benzene and toluene. Cyanide has also been detected in Upper Unit 3.

Sampling proposed for wells in the vicinity of Site F in the 1996 Annual Monitoring Plan consisted of annual sampling for halogenated VOCs at seven Upper and one Lower Unit 3 wells, and for cyanide (Category 4) at two Upper Unit 3 wells.

Concentrations of 1,1,1-trichloroethane and trichloroethene in the vicinity of Site F have remained fairly constant, as reaffirmed by FY 1996 analytical results. Well 03L113 continued to have non-detectable levels of these two compounds; well 03U113 showed a trichloroethene concentration of 0.82 µg/l in March 1991, but was not detected in Fiscal

Years 1993 - 1996. The highest trichloroethene concentrations observed in the vicinity of Site F are 13.5 µg/l for well 03U114 and 9.9 µg/l for well 03U112.

Chloroform continues to be consistently detected in wells 03U026 and 03U090 with the concentrations remaining fairly constant. Chloroform values are included in Table II-2.

Wells 03U090, 03U112, and 03U114 exceeded the groundwater action criteria established in revised Table 3.7A of the FFA for trichloroethene. Wells 03U090 and 03U114 also exceeded the action criteria for 1,1,1-trichloroethane. The action criteria was also exceeded for 1,2-dichloroethane in wells 03U019, 03U026, 03U090, 03U114, and 03U121. Chloroform concentrations in wells 03U090, 03U112, and 03U114 also exceed the action criteria. All of these wells are within the capture zone of the TGRS. A complete listing of groundwater exceedances, as well as the action criteria, is included in Table II-2.

g) Site G

Site G, also located on Snelling Avenue just south of Site F in the south-central portion of TCAAP, has contributed significant contamination to Units 3 and 4. Until approximately 1978 (Argonne National Laboratory, 1991), Site G was reportedly used as a dumping area for waste products, including solvents. Corrective measures, including a soil vapor extraction (SVE) system and a groundwater recovery system, have been installed and are currently operating at this location.

Halogenated VOCs, particularly 1,1,1-trichloroethane, trichloroethene, and 1,1-dichloroethene, are the primary contaminants of concern at Site G.

The Site G sampling proposed in the 1996 Annual Monitoring Plan consisted of annual sampling during Quarter 51 of wells 03U014, 03U020, 03U094, 03U314, 03U315, 03M020, 03L020, and 04U020. A second sampling event of wells 03U314 and 03U315 occurred in Quarter 52. All wells were sampled for halogenated VOCs.

Trichloroethene concentrations were plotted to evaluate trends at Site G and are presented in Figure IV-38. The figure shows that concentrations have had a generally decreasing trend at wells 03U014, 03U094, 03L020, and 04U020 since 1987. It should be noted that the trichloroethene concentration (3.88 µg/l) reported at well 03U014 in June 1996 is suspect as this well typically has concentrations in the 100-10,000 range.

Well 03U020 has displayed a general increase in concentrations from May 1990. Well 03U094 has decreased from 18,000 µg/l in December 1987 to 1,100 µg/l in June 1996.

The decreases in concentrations at wells near Site G indicate that the Interim Remedial Actions are effectively reducing the source for groundwater contamination.

The FY 1996 groundwater quality data show contamination above the groundwater action criteria at all Site G wells. All of these wells are within the capture zone of the TGRS. A complete listing of the groundwater action criteria and the water quality data which exceeds the action criteria is included as Table II-2.

h) Site H

Site H, located in the southeast portion of TCAAP just north of Sunfish Lake, was reportedly used as a burning area for combustibles and a dumping and burning area for waste that included solvents (Argonne National Laboratory, 1991).

Groundwater quality monitoring for 1996 consisted of sampling Upper Unit 1 well 01U098, and Upper Unit 3 well 03U099 during June 1996 for halogenated VOCs.

Historic groundwater sampling at Site H has detected low levels of halogenated organics as summarized below.

Trichloroethene and 1,1,1-trichloroethane were not observed at well 01U098 in June 1996. At well 03U099, however, trichloroethene and 1,1,1-trichloroethane were detected at 12.30 and 2.56 µg/l, respectively, in June 1996. This represents an increase in trichloroethene levels, which had previously always been <2 µg/l. 1,1,1-trichloroethane levels are consistent with historic detections.

i) Site I

Discussion is provided on groundwater quality for this site in Section IV.A.2.

j) Site J

Site J is a buried underground sewer line located in the southwest portion of TCAAP which extends from the south side of Building 576 to a former pumping station (former Building 118) northwest of Building 105. The sewer line transported solvents, grease, and other materials that entered floor drains in Building 576 (Argonne National Laboratory, 1991).

Closure activities have been completed at Site J with the concurrence of the MPCA and the U.S. EPA. Therefore, no further groundwater sampling will be conducted at Site J.

k) Site K

A discussion is provided on groundwater quality for this site in Section IV.A.3.

l) Site 129-3

Site 129-3, located in the central portion of TCAAP between Sites D and E, was used from 1971 until approximately 1978 to dispose of wastewater generated from lead styphnate production facilities. The disposal was in leaching pits located at the site. A separate pit was used for the disposal of spent mercurous nitrate solution (Argonne National Laboratory, 1991).

Units 1 and 2 are not present at Site 129-3; thus, the primary unit of concern is Unit 3.

Well 03U087 was sampled during March 1995 for halogenated VOCs (Category 1) as a check on groundwater quality. The results showed no halogenated VOCs. Well 03U087 was intended for sampling in FY 1996, but was inadvertently missed.

m) Site 129-5

Site 129-5, located in the east-central portion of TCAAP, was used for the burning of explosive wastes which may have included solvents (Argonne National Laboratory, 1991).

It is thought that Units 1 and 2 may be discontinuous throughout the site; therefore, the primary unit of concern is Unit 3.

In general, historic groundwater sampling has shown that no significant groundwater contamination has resulted from activities at Site 129-5.

Monitoring in FY 1996 consisted of sampling well 03U097 for halogenated VOCs during June. Results showed no VOC detections.

n) Site 129-15

Site 129-15, located in the central portion of TCAAP north of Site F, appears to have been used as a general dump for building materials from approximately 1957 to 1978 (Argonne National Laboratory, 1991).

During FY 1996, wells 03U016, 03U032, 03U090, 03U124, and 03L091 were sampled in June for halogenated VOCs.

Water samples collected in June 1996 were non-detect for VOCs in wells 03U016, 03U032, and 03L091. The June 1996 sample from well 03U090 contained trichloroethene (9.77 µg/l), 1,1,1-trichloroethane (9.95 µg/l), 1,2-dichloroethene (1.11 µg/l), and chloroform (2.18 µg/l). Well 03U124 had trichloroethene (2.64 µg/l) and 1,1,1-trichloroethane (4.08 µg/l).

A complete listing of analytical results for the organic analytes is included in Table II-2.

The only groundwater criteria exceedances for the June 1996 data at Site 129-15 were the trichloroethene and chloroform values at well 03U090. The VOCs observed at Site 129-15 wells are thought to be due to disposal of VOCs at adjacent Site D. This site is within the capture zone of the TGRS. A complete listing of the groundwater action criteria and the water quality data which exceed the action criteria is included as Table II-2.

o) Gravel Pit

Because contamination levels of some concern were detected in wells upgradient of Site E during 1989, the gravel pit located in the north-central portion of TCAAP is discussed here as a potential source area.

Historically, wells 03U704, 03U705, and 03U707 have had low levels of 1,1,1-trichloroethane and trichloroethene. Data results from Quarter 24 (October 1989) showed a significant increase in the levels of these compounds in wells 03U704 and 03U705, located downgradient of the gravel pit, and well 03U707, located northwest of the gravel pit.

Groundwater sampling conducted in 1996 consisted of June sampling of wells 03U704, 03U705, and 03U707, as well as a September sampling event of wells 03U705 and 03U706. All samples were analyzed for halogenated VOCs (Category 1).

The only VOC detections in FY 1996 was trichloroethene at 1.16 µg/l in well 03U706 in June 1996. The September 1996 sampling of 03U706 had no VOC detections.

Well 03U707, located northwest of the gravel pit has not detected VOCs since FY 1992.

p) Bedrock Valley

A channel or valley exists in the bedrock beneath TCAAP and was investigated as part of the Bedrock Valley/Monitor Well Installation Survey conducted by STS Consultants in 1986.

Specifically, a northwest-southeast trending valley exists which can be marked by an axis running through monitoring well nest 005 in the southeast, to monitoring well 03L138 located slightly east of Site G and continuing past monitoring well 03L137 located within Site F.

The bedrock valley is eroded through the Prairie du Chien Group and the Jordan Sandstone Formation, thereby encountering the St. Lawrence Formation. The bedrock valley has been filled with Unit 3 unconsolidated deposits, as shown on cross-section A-A' (Figure III-10 and Plan Sheet 14).

Wells installed into the bedrock valley include the 005 well nest (03U005, 03M005, and 03L005), well 03L081 located southeast of Site G off Federal Road, well 03L137 located on the western edge of Site F, and well 03L138 located east of Site G. All these wells, except 03L137, were sampled in June 1996 for halogenated VOCs.

Historically, the wells located in the bedrock valley have shown no detection of aromatic VOCs and only low levels of various halogenated VOCs. In June 1996, the only halogenated VOC detected in any of the bedrock valley wells was 3.46 µg/l of 1,2-dichloroethene at well 03U005.

The uncontaminated water quality history of well 03L005 has historically provided assurance that contamination from Sites D and G, which lie at least partially over the bedrock valley, has not migrated off-post through the bedrock valley. However, 1,2-dichloroethane was detected in this well in March 1994 at 0.25 µg/l. The March 1995 sampling indicated that this was an anomalous value at this location and was reinforced by the June 1996 data for this well.

Groundwater flow analysis indicates that flow within the valley does not vary significantly from the general Unit 3/Unit 4 southwesterly direction. This is due to relatively similar hydraulic characteristics of the bedrock and valley fill sediments (STS, 1986).

c. Surface Water Quality

Surface water monitoring during FY 1996 at TCAAP consisted of sampling at fifteen locations including six locations required by the TCAAP NPDES permit (in effect in FY 1996) and an additional nine locations monitored by Alliant on behalf of the Army. Data

collected for the NPDES permit are reported to the MPCA Division of Water Quality as required by the permit. With the exception of location 20201, the TCAAP surface water data is included in Tables II-5, II-6, and II-7. Figure IV-39 is a map showing the surface water monitoring locations. Location 20201 is the permitted effluent from the Site K groundwater treatment system. The data for 20201 is provided in Table IV-9, where it is listed as "effluent."

Surface water data are compared to the TCAAP Surface Water Action Criteria as referenced in Table 3.7B of the FFA. These criteria are compiled from several different sources and are designed to trigger further evaluation of the data. The Action Criteria are not meant to designate clean-up criteria.

Locations 20100, 20200, 20300, 20400, 20500, 20700, 20800, 20900, 21000, 21100, 21200, 21300, 21400, and 21600 were sampled in June 1996 for PCBs. No PCBs were detected in FY 1996 as shown in Table II-5.

These same locations were sampled for VOCs on a quarterly basis, with the exception of 20100, 20500, 21200, 21300, 21400, and 21600, which were sampled annually. Location 21100 was sampled only two quarters because of either frozen conditions or insufficient water. Table IV-6 shows that trichloroethene was the only VOC detected in surface water in FY 1996. Trichloroethene was detected in FY 1996 at 20200 at values ranging from 0.82 to 3.50 µg/l. Previous detections of trichloroethene were reported in FY 1993, FY 1994, and FY 1995 at the same location. The detections in FY 1996 are below the surface water action criteria of 15 µg/l. Location 20200 represents the outfall from Buildings 103 and 114, including the Site K Treatment System effluent.

Methylene chloride, detected previously in surface water samples at several locations in FY 1994, was not detected at any location in FY 1995 or FY 1996. Methylene chloride is

often found as a laboratory contaminant which may have been the source of the FY 1994 detections.

The laboratory detection limit for 1,1-dichloroethene is above the surface water action criteria; therefore, the 1,1-dichloroethene concentrations are indicated on Table II-5 as exceedances, although the actual concentrations may be below the surface water action criteria.

1,1,1-Trichloroethane was reported at levels below the Certified Reporting Limit (CRL) at 20700 on February 20, 1996, and at 21100 on November 28, 1996. These observations (0.55 and 0.75 µg/l, respectively) are not a significant concern and are well below the action criteria of 18,000 µg/l.

Table II-7 shows the inorganic analytes of the surface water quality data. Deviations from the monitoring plan include missing two quarterly events at 20500; missing two quarterly events for mercury at 20700 and 20800; and missing two quarterly events for copper and lead at 21200. These deviations were noted in the correspondence in Appendix A. Similar to 1,1-dichloroethene in Table II-6, the laboratory detection limits for mercury, nickel, chromium, and cyanide are above the surface water action criteria; therefore, these values are indicated on Table II-7 as exceedances, although the actual values may be below the surface water action criteria.

Mercury was detected above the action criteria of 0.14 µg/l at 20300 with a concentration of 0.24 µg/l on September 4, 1996. Location 20300 represents the Building 113/115 outfall. In addition, zinc was detected above the action criteria of 47.00 µg/l only at 20500 with a concentration of 47.80 µg/l on November 28, 1995. Location 20500 represents the Round Lake outfall. Zinc concentrations above the action criteria were reported at all locations in FY 1996 except at 20700, 21400, and 21600. The surface water action criteria for chromium and zinc are "U.S. EPA water quality criteria for

protection of aquatic life - chronic effects," as referenced in Table 3.7B of the FFA. The exceedances of these criteria were sporadic and no additional action, beyond continued monitoring, is warranted at this time.

While no TCAAP surface water action criteria exists for silver, sporadic detections above the State of Minnesota Class 2Bd acute surface water standard of 8.6 µg/l were observed at Building 103/114 (20200), Sunfish Lake (21600), and Marsden Lake (21200 and 21400). Class 2Bd surface water standards exist to protect waters which are deemed suitable for unrestricted aquatic recreation and drinking water purposes as defined by the Minnesota Department of Natural Resources. The detections at location 20200 (10.90 µg/l and 11.90 µg/l), location 21600 (12.8 µg/l), location 21400 (11.9 µg/l), and location 21200 (13.90 µg/l and 28.00 µg/l) warrant continued monitoring. Similarly, sporadic detections of lead were observed at Marsden Lake (21300 and 21400) and 21600 located near Hamline Avenue. The detections (7.24 µg/l, 6.63 µg/l, and 3.27 µg/l, respectively) exceed the Class 2Bd chronic standard of 2 µg/l. Cadmium was detected in Marsden Lake (20100) at 5.2 ppb, exceeding the Minnesota 2Bd standard of 0.9 ppb for Marsden Lake. Cadmium was also detected at Rice Creek locations 21100 and 20200 at 5.3 and 5.0 ppb, respectively, which exceeds the Minnesota 2Bd chronic standard of 1.6 ppb.

The remaining inorganic analytes shown in Table II-7 do not have surface water action criteria although several analytes were detected at low concentrations at various locations in FY 1996.

5. Conclusions for OU2 Characterization

Groundwater elevations in Unit 3 and 4 continue to illustrate a groundwater flow direction to the southwest which is consistent with past interpretations.

Monitoring data for FY 1996 show that Sites D, G, and I continue to represent the primary source areas for groundwater contamination in Unit 3 and Unit 4. However, decreases of contaminant concentrations near Sites D, G, and I indicate that interim remedial actions are diminishing the sources of groundwater contamination.

For Unit 1, the primary sources for groundwater contamination are Sites A, I, and K. Discussion of water quality for Unit 1 at these three sites is presented earlier in Section IV.A of this report.

Relative to the primary source areas mentioned above, monitoring at Sites B, C, E, F, H, J, 129-3, 129-5, and 129-15 indicates that these sites do not represent significant sources for groundwater contamination.

Contamination above the TCAAP action criteria does not appear to be migrating off TCAAP via the bedrock valley as evidenced by no detections of VOCs in well 03L005 near the southern property boundary and by the valley's lack of effect on Unit 3 and Unit 4 groundwater flow patterns.

A number of inorganic analytes have detection limits which do not allow for meaningful comparison to the surface water action criteria.

6. Recommendations

It is recommended that a well sealing program be undertaken in the near future. Upon completing the OU2 FS, the "site characterization" purpose for a number of the monitoring wells will no longer exist. An evaluation should consider if individual wells (for example the OU1 wells at Site B) will be needed for evaluating final remedies. If the wells are not needed, the wells should be sealed in accordance with the Minnesota Department of Health Well Code. Depending on the timing of the OU2 FS completion and headway made on the OU2 RD/RA work plan, the well sealing evaluation could be part of the FY 1997 AMR.

7. OU2 Groundwater Performance Monitoring Plan

a. Groundwater

The FY 1998 Groundwater Performance Monitoring Plan is presented in Table III-1. With the approval of the OU2 FS in FY 1997, the need for "characterization" monitoring no longer exists. Therefore, past individual site monitoring has been replaced with "performance" monitoring for the remedial systems specified by the OU2 FS. This change in the purpose of monitoring is clearly illustrated by the changes in the monitoring plans from FY 1997 to FY 1998. The FY 1998 Performance Monitoring Plan has been reorganized to group wells by the remedial system which they are being used to evaluate. Changes to the monitoring plan are as follows:

Well	Change	Reason
<u>Site B</u> Site B Wells	Discontinue annual water level monitoring	No mapping of Site B groundwater elevations has been necessary, therefore, continued monitoring is not justified.
01U036	Discontinue annual water quality sampling	Site B has been shown to not be a risk to Unit 1 groundwater as proven by results at 01U036; therefore, future sampling is unnecessary. No detections in last 5 years.
03U082	Discontinue annual water quality sampling	Sufficient water quality history has been developed which shows continued sampling is not justified. Never any detections.

Well	Change	Reason
Site C Site C Wells	Discontinue annual water level monitoring	No mapping of Site C groundwater elevations has been necessary, therefore, continued monitoring is not justified.
01U085 03U083	Discontinue annual water quality sampling	Sufficient water quality history has been developed which shows continued sampling is not justified. Only historical detections were Category 7 in 1990 at 03U083.
Site E 519288 519289 519290	Discontinue annual water quality sampling and semi-annual water level measurements	All non-detect, no future sampling justified. Wells not necessary to monitor 03U plume.
Site G 03U092	Discontinue annual water quality sampling	Provides same information as well 03U026 regarding plume separation between Sites D and G.
Site H 01U098	Discontinue annual water quality sampling	Sporadic detections do not warrant continued monitoring as per the OU2 FS.
Site 129-3 03U087	Discontinue annual water quality sampling	Provides redundant data with well 03U015 and is not needed to map north portion of plume.
03U521	Discontinue annual water level measurement	Provides redundant data with well 03U087.
Site 129-5 03U097	Discontinue annual water quality sampling	Not needed to map 03U plume. Sufficient water quality history established to show Site 129-5 not a risk to 03U water quality.
Site 129-15 519291	Discontinue water level measurements	Not needed to map 03U water levels.

Refer to Plan Sheets 2 and 22-24 to view well locations and plume configuration.

b. Surface Water

The FY 1998 Surface Water Performance Monitoring Plan is presented in Table IV-23. This plan reflects the discussions between the U.S. Army, Alliant Techsystems Inc., and the Point Source Compliance Section-Water Quality Division of the MPCA. Although an NPDES permit is no longer in effect, monitoring at the Building 103 effluent (monitoring point 391) is being done to meet the substantive NPDES requirements. In addition, the Army has chosen to monitor Rice Creek as it enters and exits TCAAP (monitoring points 20700 and 20800, respectively). Additional surface water monitoring may be required pending the results of the Aquatic Ecological Risk Assessment. Specific monitoring requirements (e.g., locations, parameters) will be discussed and agreed upon by the U.S. Army, USEPA, and MPCA; however, this work will be conducted independent of the Annnual Monitoring Program.

c. Remedial Treatment Systems

The FY 1998 Remedial Treatment System Performance Monitoring Plan is presented in Table IV-3. The monitoring plan is revised to be consistent with the approved OU2 FS and other permitting requirements.

V. Operable Unit 3 Performance Evaluation

A. DESCRIPTION OF THE REMEDIAL ACTION

The PGRS (Plume Groundwater Recovery System) of Operable Unit 3 (OU3) is an off-post groundwater extraction and treatment system, and municipal potable water supply. The PGRS is designed to contain the south plume of VOC contamination emanating from TCAAP and to prevent further downgradient migration. Recovered groundwater is treated and used by the City of New Brighton to fulfill its municipal water supply demand.

In July 1992, a TCAAP OU3 Feasibility Study (FS) was submitted to the Minnesota Pollution Control Agency (MPCA) and the U.S. Environmental Protection Agency (USEPA). A Record of Decision (ROD) was prepared by the MPCA and the USEPA in August 1992. As specified in the ROD, extracted groundwater is treated in order to attain primary drinking water standards for VOCs and secondary drinking water standards for iron and manganese.

The PGRS began operations on May 3, 1994. This section of the report presents the monitoring results from the FY 1996 operation of the PGRS and documents treatment and groundwater performances.

The PGRS consists of one Prairie du Chien extraction well, which is located within the PGRS treatment facility building. Groundwater is pretreated to remove naturally occurring iron and manganese using a green sand filter. VOCs are removed with granular activated carbon. The operation and maintenance of the treatment facility is performed by the City of New Brighton. With the exception of influent/effluent analytical results and daily pumping totals, facility operations are not provided in this report.

Following 90 days of operation of the PGRS, a TCAAP OU3 Remedial Action Report (RAP) was prepared. The RAP presented and assessed the hydraulic and treatment performance of the PGRS. Based on the RAP, the PGRS was assessed as follows:

1. The zone of capture generated by pumping the extraction well (NBM #13) at approximately 1,000 gpm is 3,500 feet wide. This is larger than the capture zone estimated and approved in the FS.

2. Groundwater hydraulic and chemical data indicate the PGRS effectively contains the leading edge of the south plume.

3. The PGRS treatment system effluent meets and exceeds all applicable drinking water standards for VOCs, iron and manganese as required in the ROD.

4. The PGRS influent was analyzed for arsenic quarterly due to its close proximity to a copper-arsenic wood treating facility. No concentrations were detected above the quantitation limit of 3 µg/l.

B. OBJECTIVES

The schedule for reporting corresponds to the federal fiscal year (FY) (October through September) to facilitate meeting reporting schedules in the TGRS FFA/ROD. The focus of this document is to report the FY 1996 performance of the PGRS from October 1995 through September 1996.

The two specific objectives of this report are to:

1. Delineate the hydraulic zone of capture induced by the PGRS. Capture is discussed with equipotential maps of the aquifer drawn from field data.

2. Evaluate the treatment performance of the PGRS. This objective is met through the presentation of analytical data and the pumping data collected. These data permit calculations of the mass of VOCs removed and the removal efficiency.

C. RELEVANT ACTIVITIES DURING FY 1996

There were no significant activities outside of the planned monitoring and operation of the system.

D. MONITORING

1. Groundwater

Groundwater samples for the annual event were collected in June 1996, from 27 monitoring wells. Groundwater samples for the semiannual event were collected in September 1996 from eight monitoring wells. All samples were analyzed for VOCs using the Army Environmental Center (USAEC) Method N83. Monitoring wells used for water levels and sampling for the PGRS are shown on Figure V-1. Appendix J.1 presents the water level database and the extraction well flow measurements are provided in Appendix J.2.

2. Treatment System

Samples were collected from the treatment facility effluent and influent on a monthly basis throughout FY 1996. All influent and effluent samples were analyzed for VOCs using USAEC Method N83. Influent samples were analyzed for arsenic using USAEC Method AX8 in December 1995 and March, June and September 1996.

E. PERFORMANCE EVALUATION

1. Treatment System

a. VOCs

Influent and effluent water was sampled on a monthly basis during FY 1996 and the results are provided in Table V-1. PGRS influent is labeled NB13I and effluent is labeled NB13E. Table V-2 presents a historical summary of the influent/effluent results and Figure V-2 shows the influent trichloroethene concentration versus time. The average FY 1996 influent trichloroethene concentration was 8.0 µg/l. Figure V-2 indicates that influent concentrations have been decreasing since September 1995. The average FY 1995 influent trichloroethene concentration was 12.2 µg/L.

Figure V-3 presents a summary of the effluent trichloroethene concentration versus time. As indicated, effluent has remained below detection limits for all sampling events in FY 1996. A review of the 1996 database indicates that the effluent has remained below the contaminant-specific requirements for all other VOC compounds. Comparison of influent and effluent trichloroethene indicates an average removal efficiency of 99.9 percent.

b. Arsenic

In addition to the VOC parameter list, a sample for arsenic analysis was collected quarterly from the system influent. Arsenic was not detected above the quantitation limit which ranged from 2.35 µg/L to 5 µg/L as shown on Table V-3.

2. Hydraulic Performance Assessment

The zone of hydraulic capture for the PGRS in FY 1996 was determined by contouring the May 1996 and September 1996 water level data.

Contours were constructed manually. Past site experience and discussions with MPCA and USEPA determined that manually constructed contours are appropriate at TCAAP due to the complexities of the flow field and the resulting need for hydrogeological expertise in interpreting the flow field.

Appendix J.1 contains the water level database for the monitoring wells. Figures V-4 and V-5 present the groundwater contours for the Prairie du Chien for May and September 1996.

Inspection of these figures indicates a broad area of very low horizontal gradients immediately southwest of the PGRS. This area is indicative of a stagnation zone downgradient of the PGRS. Based on monitoring well data, contaminants are not found in the Unit 3 or Jordan Sandstone Aquifer in this area, therefore, the Unit 3 and Jordan Sandstone Aquifer are not of concern for remediation in this area of the Site and further definition of Unit 3 and Jordan Sandstone capture is not needed.

a. Vertical Gradients

Table V-4 presents the vertical gradient, for nested wells shown on Figure V-1, summary since March 30, 1994. Background vertical gradients are representative of March 30 and 31 and May 2, 1994. Although the PGRS began full scale operation on May 3, 1994, the vertical gradients shown for April and May 1994 reflect pre-startup operations and are not representative of background gradients.

1) Unit 3 and Prairie du Chien

The data indicates an upward gradient between the Unit 3 and the Prairie du Chien immediately southwest of TCAAP. Well nests 673, 841, 848 and 859 (see Figure V-1) exhibit this trend. South of well 859 vertical gradients reverse to a downward trend as shown at well nests 832, 846, 854, 860, 861, MPCA1 and MPCA2. This downward gradient is also indicated in the Unit 3 VOC plume which extends to 03L859. The vertical gradient and analytical data suggests that the VOC plume is moving from the Unit 3 into the Prairie du Chien under this downward vertical gradient.

2) Prairie du Chien and Jordan Sandstone

Since the PGRS began operation, two well nests, 864 and 866 (see Figure V-1) reveal a significant change in the vertical gradient. Well nests 864 (500 feet from NBM #13) and 866 (250 feet from NBM #13) are the closest well nests to the PGRS extraction well (NBM 13). The next closest well nest, MPCA2, is located approximately 3500 feet from NBM #13 and shows no vertical influence.

Table V-4 shows that there is a downward vertical gradient between the Prairie du Chien and the Jordan Sandstone. However, this downward vertical gradient has

been reduced since pumping began. Using the average background gradient compared to the average gradient for FY 1996, this downward vertical gradient has been decreased by 33 percent and 58 percent at well nests 864 and 866, respectively. Nearer to extraction well NBM #13 (completed in the Prairie du Chien) larger drawdowns within the Prairie du Chien are likely sufficient to create an upward vertical gradient between the Jordan and Prairie du Chien.

3. Chemical Performance

a. South VOC Plume

A total of 24 monitoring wells were sampled in June 1996 for the annual monitoring event. Fifteen of these wells are completed in the Prairie du Chien Formation. Eight wells are completed in the Unit 3, Hillside Sand Formation and two wells are in the Jordan Sandstone Formation. The treatment system was monitored monthly and the influent data essentially represents groundwater from NBM#13 which was completed in the Prairie du Chien formation.

A total of eight monitoring wells were sampled in September 1996 for the semiannual monitoring event. These wells were also sampled during the annual event and include six Prairie du Chien and two Jordan Sandstone wells. Monitoring well nest 673 was not sampled during these events because they are conducted during the TGRS sampling. Any data generated is used for both TGRS and PGRS evaluations.

1) Prairie du Chien

The trichloroethene concentrations from the wells sampled in the Prairie du Chien ranged from non-detect to 125 µg/l. Ten of these wells exhibited concentrations above the MCL for drinking water, which is set at 5 µg/l. A distribution of the

trichloroethene concentration above 5 µg/l is provided in Figure V-6. As shown, the trichloroethene plume extends approximately 1-1/2 miles southwest of TCAAP to extraction well NBM #13.

2) Unit 3

The trichloroethene concentrations from the wells sampled in Unit 3 ranged from non-detect to 1,400 µg/l. Three of the nine wells sampled exhibited concentrations above the MCLs. A distribution of the trichloroethene concentration above 5 µg/l is provided in Figure V-7. As shown, the trichloroethene plume in the Unit 3 extends approximately 1/2 mile from TCAAP.

3) Jordan Sandstone

VOCs were not detected in the two Jordan Sandstone monitoring wells sampled (04J864 and 04J866).

b. Treatment System

Table V-1 includes VOC data and Table V-3 presents the arsenic data from the PGRS treatment system influent and effluent. The influent to the treatment system ranged from 4.0 µg/l to 11.5 µg/l trichloroethene in FY 1996. Effluent results were all well below applicable standards and were generally below detection limits for VOCs. Arsenic was not detected above detection limits shown.

The PGRS extracted and treated 468,966,000 gallons of water from October 1995 through September 1996 (Appendix I.2) for an average of 890 gpm. This average rate is down from FY 1995 due to lengthy maintenance requirements in January and May 1996. A total of 27 days of down time were produced for the months of January and May 1996.

Down times were the result of maintenance related to shock chlorination, some mechanical work and regeneration of the iron/manganese filter. Based on the total average VOC concentrations from NBM#13 influent for FY 1996 (9.1 µg/l), the PGRS removed approximately 36 pounds of VOCs from October 1995 through September 1996. The total VOC mass removed from the PGRS from startup through FY 1996 is 107 pounds. The purpose of the PGRS is to contain the leading edge of the south plume where VOC concentrations are low. Therefore, the VOC mass removal is generally low.

During FY 1994, the total VOC concentrations at NBM#13 increased from 7.71 µg/l in April 1994 to 19.74 µg/l in September 1994. During FY 1995, no clear trend was exhibited as concentrations decreased during the first quarter, increased in the second and third quarters and then decreased again in the fourth quarter. In FY 1996, VOC concentrations appeared to have stabilized. The lowest concentrations were shown in June 1996 with a concentration of 4.16 µg/L of trichloroethene.

F. CONCLUSIONS

1. The PGRS zone of capture is approximately 3,800 feet wide in FY 1995. This zone of capture is being maintained at an average pumping rate of approximately 902 gpm. Groundwater hydraulic and chemical data indicate the PGRS effectively contains the leading south edge of plume in OU3.

2. The PGRS treatment system effluent meets and exceeds all applicable drinking water standards for VOCs, iron, and manganese as required in the OU3 ROD.

G. RECOMMENDATION

Continue operation of the PGRS without modification.

H. OU3 PERFORMANCE MONITORING PLAN

The groundwater level and groundwater quality monitoring for OU3 in FY 1998 are included in Table III-1. The following changes are incorporated into the FY 1998 OU3 Groundwater Performance Monitoring Plan:

Well	Action	Reason
03L859	Delete annual water quality sampling	Separation of OU1 and OU3 plume in Lower Unit 3 adequately defined by wells 03L841 and 409557.
03L860	Delete annual water quality sampling	Information provided is redundant with well 03L854, which is better positioned to monitor OU3 plume.
04U854	Deleted annual water quality sampling.	Provides redundant information with well 04U860 for defining the east edge of the plume.
476837 (MW15H)	Changed water quality sampling from semi-annual to annual	Sufficient data has been collected since startup of the PGRS to show that conditions are relatively stable.
04J866	Changed water quality sampling from semi-annual to annual	Sufficient data has been collected since startup of the PGRS to show that conditions are relatively stable.
04U863	Changed water quality sampling from semi-annual to annual	Sufficient data has been collected since startup of the PGRS to show that conditions are relatively stable.
04U865	Changed water quality sampling from semi-annual to annual	Sufficient data has been collected since startup of the PGRS to show that conditions are relatively stable.

Well	Action	Reason
04U866	Changed water quality sampling from semi-annual to annual	Sufficient data has been collected since startup of the PGRS to show that conditions are relatively stable.
500691	Changed water quality sampling from semi-annual to annual	Sufficient data has been collected since startup of the PGRS to show that conditions are relatively stable.

Refer to Plan Sheets 7-9 to view well locations and plume configurations.

The analyte list is revised to be consistent with the approved OU2 FS.

VI. Proposed FY 1998 AMR Report Outline

With the implementation of the FY 1998 Performance Monitoring Plan, the FY 1998 Annual Monitoring Report will complete the transition from "characterization-based" monitoring to "performance-based" monitoring. FY 1998 is the first year which will involve entirely "performance-based" monitoring, and as such, the contents of the FY 1998 AMR will vary from this AMR. A scoping meeting is anticipated between the Army, Alliant Techsystems, USEPA, and MPCA to re-visit the reporting format and contents. The meeting will likely occur before the FY 1997 Annual Monitoring Report is prepared.

In general, the content of the FY 1998 AMR will be streamlined to evaluate performance of the following remedial systems; OU1 remedy (and the plume downgradient), Site A Removal Action, Sites D & G SVE systems, Sites I & K Remedial Actions, the TGRS, and the PGRS. The report will include surface water results from the Site K outfall and Rice Creek in/out.

The report will also provide a brief (couple of sentences) summary of other relevant activities that took place during the fiscal year, with references to separate reports for the data, evaluation, findings, etc. Examples of relevant activities may include the innovative technology evaluation, off-post well inventory, aquatic ecological risk studies, or natural attenuation studies.

The proposed outline for each groundwater remedy is unchanged from this report. The proposed outline for the Site D & G SVE performance evaluation is as follows:

A. Description of the Remedial Action

B. Objectives

C. Relevant Activities During FY 1998

D. Monitoring

   1. Air Quality

   2. Air Flow

E. Performance Evaluation

F. Conclusions

G. Recommendations

H. Sites D & G SVE Performance Monitoring Plan

VII. References

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TABLES

Table II-1

Groundwater Elevation Data

Notes:

(1) TOS = Top of Surface which represents the ground surface elevation in feet above mean sea level (MSL). The TOS elevations were retrieved from the USAEC IRDMIS. All data are referenced to TOS elevations surveyed by Kemper and Associates, Inc. during July through September 1992.

(2) Qtr = Quarter. Under this heading, F = FCC and A = Alliant Techsystems Inc.

(3) SG = Staff Gauge.

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01L811	908.4	18-Mar-94	42 F	895.2
01L811	908.4	07-Mar-95	46 F	894.6
01L821	877.5	18-Mar-94	42 F	872.4
01L821	877.5	07-Mar-95	46 F	872.3
01L822	876.1	18-Mar-94	42 F	869.0
01L822	876.1	07-Mar-95	46 F	869.2
01L823	880.4	18-Mar-94	42 F	872.7
01U003	943.4	17-Mar-94	42 F	934.7
01U003	943.4	14-Mar-95	46 F	933.7
01U003	943.4	12-Sep-95	48 F	935.1
01U003	943.4	29-May-96	51 A	938.6
01U003	943.4	06-Sep-96	52 A	931.3
01U004	951.1	07-Mar-95	46 F	947.7
01U004	951.1	12-Sep-95	48 F	943.5
01U004	951.1	29-May-96	51 A	946.4
01U004	951.1	06-Sep-96	52 A	939.6
01U011	900.0	11-Mar-94	42 F	894.6
01U011	900.0	07-Mar-95	46 F	891.9
01U011	900.0	08-Sep-95	48 F	893.5
01U011	900.0	29-May-96	51 A	894.7
01U011	900.0	06-Sep-96	52 A	891.8
01U012	880.1	09-Mar-94	42 F	876.0
01U012	880.1	14-Mar-95	46 F	875.8
01U012	880.1	08-Sep-95	48 F	876.5
01U012	880.1	29-May-96	51 A	877.1
01U012	880.1	06-Sep-96	52 A	874.8
01U022	897.7	08-Mar-94	42 F	895.6
01U022	897.7	07-Mar-95	46 F	893.2
01U022	897.7	29-May-96	51 A	894.7
01U033	887.4	11-Mar-94	42 F	886.9
01U033	887.4	14-Mar-95	46 F	886.6
01U033	887.4	29-May-96	51 A	886.0
01U034	901.2	11-Mar-94	42 F	897.9
01U034	901.2	07-Mar-95	46 F	894.9
01U034	901.2	29-May-96	51 A	897.6
01U035	899.4	11-Mar-94	42 F	896.3
01U035	899.4	07-Mar-95	46 F	893.5
01U035	899.4	29-May-96	51 A	896.7
01U036	901.0	07-Mar-94	42 F	896.3
01U036	901.0	08-Mar-95	46 F	893.3
01U036	901.0	29-May-96	51 A	896.3
01U037	898.7	09-Mar-94	42 F	894.4
01U037	898.7	07-Mar-95	46 F	891.3
01U037	898.7	29-May-96	51 A	894.1
01U038	900.3	16-Aug-93	40 F	896.2
01U038	900.3	29-Oct-93	41 F	894.4
01U038	900.3	16-Dec-93	41 F	894.4
01U038	900.3	17-Feb-94	42 F	893.3
01U038	900.3	09-Mar-94	42 F	893.8
01U038	900.3	27-Apr-94	43 F	897.7
01U038	900.3	08-Jun-94	43 F	894.5
01U038	900.3	26-Jul-94	44 F	897.6
01U038	900.3	08-Sep-94	44 F	891.6
01U038	900.3	08-Mar-95	46 F	890.8
01U038	900.3	08-Sep-95	48 F	891.8
01U038	900.3	29-May-96	51 A	893.2
01U038	900.3	06-Sep-96	52 A	890.4
01U039	897.5	16-Aug-93	40 F	889.8
01U039	897.5	29-Oct-93	41 F	887.4
01U039	897.5	16-Dec-93	41 F	887.4
01U039	897.5	17-Feb-94	42 F	886.4
01U039	897.5	09-Mar-94	42 F	886.1
01U039	897.5	27-Apr-94	43 F	886.1
01U039	897.5	08-Jun-94	43 F	886.8
01U039	897.5	26-Jul-94	44 F	885.8
01U039	897.5	08-Sep-94	44 F	884.7
01U039	897.5	07-Mar-95	46 F	882.6
01U039	897.5	08-Sep-95	48 F	884.5
01U039	897.5	29-May-96	51 A	883.6
01U039	897.5	06-Sep-96	52 A	882.9
01U040	892.5	16-Aug-93	40 F	888.5
01U040	892.5	29-Oct-93	41 F	885.8
01U040	892.5	16-Dec-93	41 F	885.8
01U040	892.5	17-Feb-94	42 F	884.8
01U040	892.5	07-Mar-94	42 F	884.4
01U040	892.5	27-Apr-94	43 F	885.6
01U040	892.5	07-Jun-94	43 F	886.2
01U040	892.5	26-Jul-94	44 F	885.6
01U040	892.5	06-Sep-94	44 F	883.9
01U040	892.5	07-Mar-95	46 F	882.0
01U040	892.5	08-Sep-95	48 F	884.4
01U040	892.5	29-May-96	51 A	884.6
01U040	892.5	06-Sep-96	52 A	882.7
01U041	898.3	16-Aug-93	40 F	893.5
01U041	898.3	29-Oct-93	41 F	892.8
01U041	898.3	16-Dec-93	41 F	892.8
01U041	898.3	17-Feb-94	42 F	892.9
01U041	898.3	08-Mar-94	42 F	893.4
01U041	898.3	27-Apr-94	43 F	893.7
01U041	898.3	07-Jun-94	43 F	893.6
01U041	898.3	26-Jul-94	44 F	893.8
01U041	898.3	06-Sep-94	44 F	891.3
01U041	898.3	08-Mar-95	46 F	890.6
01U041	898.3	08-Sep-95	48 F	891.4
01U041	898.3	29-May-96	51 A	893.2
01U041	898.3	06-Sep-96	52 A	890.2
01U043	891.0	16-Mar-94	42 F	886.3
01U043	891.0	08-Mar-95	46 F	884.9
01U043	891.0	29-May-96	51 A	887.9
01U044	892.3	16-Mar-94	42 F	879.7
01U044	892.3	08-Mar-95	46 F	878.6
01U044	892.3	29-May-96	51 A	881.0
01U045	886.4	16-Mar-94	42 F	881.5
01U045	886.4	08-Mar-95	46 F	881.0
01U045	886.4	29-May-96	51 A	881.6
01U046	881.8	22-Mar-94	42 F	880.4
01U046	881.8	08-Mar-95	46 F	879.2
01U046	881.8	29-May-96	51 A	880.3
01U047	887.9	08-Sep-93	40 A	874.9
01U047	877.9	01-Mar-94	42 A	874.1
01U047	877.9	06-Sep-94	44 A	873.4
01U047	877.9	06-Mar-95	46 A	873.2
01U047	877.9	05-Sep-95	48 A	874.6
01U047	877.9	03-Jun-96	51 A	875.1
01U047	877.9	03-Sep-96	52 A	872.8
01U048	883.2	08-Sep-93	40 A	875.3
01U048	883.2	01-Mar-94	42 A	874.0
01U048	883.2	06-Sep-94	44 A	873.6
01U048	883.2	06-Mar-95	46 A	873.1
01U048	883.2	03-Jun-96	51 A	875.4
01U048	883.2	03-Sep-96	52 A	873.6
01U050	892.9	17-Mar-94	42 F	887.2
01U050	892.9	08-Mar-95	46 F	886.5
01U050	892.9	29-May-96	51 A	890.7

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U051	901.2	17-Mar-94	42 F	889.9
01U051	901.2	08-Mar-95	46 F	889.3
01U051	901.2	29-May-96	51 A	891.9
01U052	884.3	08-Sep-93	40 A	875.5
01U052	884.3	01-Mar-94	42 A	874.3
01U052	884.3	06-Sep-94	44 A	873.8
01U052	884.3	06-Mar-95	46 A	873.3
01U052	884.3	05-Sep-95	48 A	875.2
01U052	884.3	03-Jun-96	51 A	875.7
01U052	884.3	03-Sep-96	52 A	873.6
01U053	913.2	17-Mar-94	42 F	889.9
01U053	913.2	09-Jun-94	43 F	907.2
01U053	913.2	08-Mar-95	46 F	905.9
01U053	913.2	29-May-96	51 A	906.9
01U054	940.9	17-Mar-94	42 F	931.5
01U054	940.9	08-Mar-95	46 F	929.8
01U054	940.9	29-May-96	51 A	933.7
01U060	949.1	14-Mar-94	42 F	936.9
01U060	949.1	08-Mar-95	46 F	935.0
01U060	949.1	29-May-96	51 A	936.9
01U062	909.8	17-Mar-94	42 F	904.5
01U062	909.8	08-Mar-95	46 F	903.5
01U062	909.8	29-May-96	51 A	904.8
01U063	892.6	16-Aug-93	40 F	886.7
01U063	892.6	29-Oct-93	41 F	885.2
01U063	892.6	16-Dec-93	41 F	885.0
01U063	892.6	17-Feb-94	42 F	883.3
01U063	892.6	10-Mar-94	42 F	883.4
01U063	892.6	27-Apr-94	43 F	885.4
01U063	892.6	08-Jun-94	43 F	885.4
01U063	892.6	26-Jul-94	44 F	885.4
01U063	892.6	08-Sep-94	44 F	882.8
01U063	892.6	08-Mar-95	46 F	881.1
01U063	892.6	08-Sep-95	48 F	883.8
01U063	892.6	29-May-96	51 A	885.2
01U063	892.6	06-Sep-96	52 A	881.7
01U064	958.3	10-Sep-93	40 A	944.7
01U064	958.3	11-Mar-94	42 A	943.6
01U064	958.3	02-Sep-94	44 A	943.6
01U064	958.3	09-Mar-95	46 A	943.3
01U064	958.3	07-Sep-95	48 A	944.2
01U064	958.3	28-May-96	51 A	943.8
01U064	958.3	05-Sep-96	52 A	938.6
01U065	882.1	08-Sep-93	40 A	874.4
01U065	882.1	01-Mar-94	42 A	873.3
01U065	882.1	06-Sep-94	44 A	873.5
01U065	882.1	06-Mar-95	46 A	873.0
01U065	882.1	05-Sep-95	48 A	874.3
01U065	882.1	03-Jun-96	51 A	874.9
01U065	882.1	03-Sep-96	52 A	873.9
01U067	897.4	16-Aug-93	40 F	895.8
01U067	897.4	29-Oct-93	41 F	895.2
01U067	897.4	16-Dec-93	41 F	895.6
01U067	897.4	17-Feb-94	42 F	893.7
01U067	897.4	08-Mar-94	42 F	894.9
01U067	897.4	27-Apr-94	43 F	896.8
01U067	897.4	07-Jun-94	43 F	894.4
01U067	897.4	26-Jul-94	44 F	896.8
01U067	897.4	06-Sep-94	44 F	891.5
01U067	897.4	07-Mar-95	46 F	891.0
01U067	897.4	08-Sep-95	48 F	891.7
01U067	897.4	29-May-96	51 A	894.2
01U067	897.4	06-Sep-96	52 A	890.7
01U072	908.6	11-Mar-94	42 F	900.8
01U072	908.6	07-Mar-95	46 F	898.7
01U072	908.6	29-May-96	51 A	904.8
01U085	889.6	16-Mar-94	42 F	884.3
01U085	889.6	08-Mar-95	46 F	883.2
01U085	889.6	29-May-96	51 A	885.4
01U098	954.7	14-Mar-94	42 F	942.2
01U098	954.7	08-Mar-95	46 F	936.1
01U098	954.7	29-May-96	51 A	942.3
01U100	905.3	11-Mar-94	42 F	901.7
01U100	905.3	08-Mar-95	46 F	897.8
01U100	905.3	29-May-96	51 A	902.4
01U101	906.8	11-Mar-94	42 F	899.5
01U101	906.8	08-Mar-95	46 F	896.8
01U101	906.8	29-May-96	51 A	899.6
01U102	905.2	16-Aug-93	40 F	897.3
01U102	905.2	16-Aug-93	40 F	897.3
01U102	905.2	08-Sep-93	40 F	895.8
01U102	905.2	29-Oct-93	41 F	893.6
01U102	905.2	16-Dec-93	41 F	893.0
01U102	905.2	17-Feb-94	42 F	891.9
01U102	905.2	11-Mar-94	42 F	891.9
01U102	905.2	27-Apr-94	43 F	892.1
01U102	905.2	10-Jun-94	43 F	893.2
01U102	905.2	26-Jul-94	44 F	892.1
01U102	905.2	12-Sep-94	44 F	890.0
01U102	905.2	08-Mar-95	46 F	888.1
01U102	905.2	06-Sep-95	48 F	889.9
01U102	905.2	15-Dec-95	49 A	889.0
01U102	905.2	11-Mar-96	50 A	887.6
01U102	905.2	29-May-96	51 A	889.1
01U102	905.2	06-Sep-96	52 A	888.2
01U103	904.1	16-Aug-93	40 F	895.6
01U103	904.1	08-Sep-93	40 F	895.8
01U103	904.1	29-Oct-93	41 F	893.6
01U103	904.1	16-Dec-93	41 F	893.1
01U103	904.1	17-Feb-94	42 F	892.0
01U103	904.1	07-Mar-94	42 F	892.1
01U103	904.1	27-Apr-94	43 F	893.4
01U103	904.1	07-Jun-94	43 F	893.3
01U103	904.1	26-Jul-94	44 F	893.4
01U103	904.1	07-Sep-94	44 F	890.6
01U103	904.1	06-Mar-95	46 F	888.9
01U103	904.1	08-Sep-95	48 F	890.6
01U103	904.1	29-May-96	51 A	890.8
01U103	904.1	06-Sep-96	52 A	889.1
01U104	899.1	16-Aug-93	40 F	896.8
01U104	899.1	29-Oct-93	41 F	895.2
01U104	899.1	16-Dec-93	41 F	895.1
01U104	899.1	17-Feb-94	42 F	893.7
01U104	899.1	08-Mar-94	42 F	894.5
01U104	899.1	27-Apr-94	43 F	897.7
01U104	899.1	07-Jun-94	43 F	895.1
01U104	899.1	26-Jul-94	44 F	897.7
01U104	899.1	07-Sep-94	44 F	891.8
01U104	899.1	06-Mar-95	46 F	891.2
01U104	899.1	08-Sep-95	48 F	891.8
01U104	899.1	29-May-96	51 A	893.8
01U104	899.1	06-Sep-96	52 A	890.4
01U105	901.4	16-Aug-93	40 F	894.0
01U105	901.4	29-Oct-93	41 F	896.2
01U105	901.4	16-Dec-93	41 F	896.0
01U105	901.4	17-Feb-94	42 F	894.7
01U105	901.4	09-Mar-94	42 F	895.8
01U105	901.4	27-Apr-94	43 F	898.4
01U105	901.4	07-Jun-94	43 F	896.7
01U105	901.4	26-Jul-94	44 F	898.3

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U105	901.4	08-Sep-94	44 F	893.5
01U105	901.4	07-Mar-95	46 F	892.7
01U105	901.4	08-Sep-95	48 F	893.1
01U105	901.4	29-May-96	51 A	895.2
01U105	901.4	06-Sep-96	52 A	891.6
01U106	896.8	16-Aug-93	40 F	899.7
01U106	896.8	29-Oct-93	41 F	894.2
01U106	896.8	16-Dec-93	41 F	893.8
01U106	896.8	17-Feb-94	42 F	892.3
01U106	896.8	08-Mar-94	42 F	892.4
01U106	896.8	27-Apr-94	43 F	895.1
01U106	896.8	07-Jun-94	43 F	893.5
01U106	896.8	26-Jul-94	44 F	895.1
01U106	896.8	07-Sep-94	44 F	890.3
01U106	896.8	06-Mar-95	46 F	888.5
01U106	896.8	08-Sep-95	48 F	890.5
01U106	896.8	29-May-96	51 A	891.2
01U106	896.8	06-Sep-96	52 A	889.1
01U107	899.2	16-Aug-93	40 F	897.0
01U107	899.2	29-Oct-93	41 F	894.7
01U107	899.2	16-Dec-93	41 F	894.3
01U107	899.2	17-Feb-94	42 F	893.5
01U107	899.2	08-Mar-94	42 F	893.1
01U107	899.2	27-Apr-94	43 F	895.9
01U107	899.2	07-Jun-94	43 F	894.4
01U107	899.2	26-Jul-94	44 F	895.9
01U107	899.2	07-Sep-94	44 F	891.2
01U107	899.2	07-Mar-95	46 F	889.2
01U107	899.2	08-Sep-95	48 F	890.9
01U107	899.2	29-May-96	51 A	892.8
01U107	899.2	06-Sep-96	52 A	890.1
01U108	904.3	16-Aug-93	40 F	895.8
01U108	904.3	29-Oct-93	40 F	892.7
01U108	904.3	29-Oct-93	41 F	893.1
01U108	904.3	16-Dec-93	41 F	892.7
01U108	904.3	17-Feb-94	42 F	891.6
01U108	904.3	15-Mar-94	42 F	891.4
01U108	904.3	27-Apr-94	43 F	891.4
01U108	904.3	08-Jun-94	43 F	892.4
01U108	904.3	26-Jul-94	44 F	890.9
01U108	904.3	07-Sep-94	44 F	890.5
01U108	904.3	06-Mar-95	46 F	888.9
01U108	904.3	05-Sep-95	48 F	890.9
01U108	904.3	29-May-96	51 A	890.2
01U108	904.3	06-Sep-96	52 A	888.7
01U109	903.0	16-Aug-93	40 F	896.0
01U109	903.0	29-Oct-93	41 F	895.7
01U109	903.0	16-Dec-93	41 F	895.7
01U109	903.0	17-Feb-94	42 F	894.6
01U109	903.0	08-Mar-94	42 F	895.9
01U109	903.0	27-Apr-94	43 F	897.1
01U109	903.0	07-Jun-94	43 F	895.7
01U109	903.0	26-Jul-94	44 F	897.0
01U109	903.0	07-Sep-94	44 F	892.7
01U109	903.0	06-Mar-95	46 F	892.5
01U109	903.0	08-Sep-95	48 F	892.3
01U109	903.0	29-May-96	51 A	895.2
01U109	903.0	06-Sep-96	52 A	891.1
01U110	897.2	16-Aug-93	40 F	899.8
01U110	897.2	29-Oct-93	41 F	896.1
01U110	897.2	16-Dec-93	41 F	896.1
01U110	897.2	17-Feb-94	42 F	894.9
01U110	897.2	08-Mar-94	42 F	895.8
01U110	897.2	27-Apr-94	43 F	896.9
01U110	897.2	07-Jun-94	43 F	896.0
01U110	897.2	07-Sep-94	44 F	892.8
01U110	897.2	06-Mar-95	46 F	892.3
01U110	897.2	08-Sep-95	48 F	892.9
01U110	897.2	29-May-96	51 A	895.4
01U110	897.2	06-Sep-96	52 A	891.6
01U115	900.3	16-Aug-93	40 F	893.8
01U115	900.3	07-Sep-93	40 F	893.2
01U115	900.3	29-Oct-93	41 F	891.8
01U115	900.3	16-Dec-93	41 F	890.8
01U115	900.3	17-Feb-94	42 F	889.7
01U115	900.3	10-Mar-94	42 F	889.7
01U115	900.3	27-Apr-94	43 F	888.8
01U115	900.3	09-Jun-94	43 F	888.9
01U115	900.3	16-Jun-94	43 F	888.4
01U115	900.3	21-Jun-94	43 F	888.1
01U115	900.3	28-Jun-94	43 F	887.8
01U115	900.3	05-Jul-94	44 F	887.5
01U115	900.3	12-Jul-94	44 F	887.5
01U115	900.3	20-Jul-94	44 F	887.4
01U115	900.3	26-Jul-94	44 F	887.3
01U115	900.3	03-Aug-94	44 F	886.8
01U115	900.3	10-Aug-94	44 F	886.7
01U115	900.3	17-Aug-94	44 F	886.6
01U115	900.3	26-Aug-94	44 F	886.7
01U115	900.3	01-Sep-94	44 F	886.6
01U115	900.3	06-Sep-94	44 F	886.5
01U115	900.3	09-Sep-94	44 F	886.6
01U115	900.3	22-Sep-94	44 F	886.3
01U115	900.3	27-Sep-94	44 F	886.4
01U115	900.3	06-Oct-94	45 F	886.5
01U115	900.3	03-Nov-94	45 F	885.1
01U115	900.3	02-Dec-94	45 F	885.3
01U115	900.3	07-Jan-95	46 F	885.8
01U115	900.3	17-Feb-95	46 F	884.9
01U115	900.3	07-Mar-95	46 F	884.6
01U115	900.3	01-May-95	47 F	885.3
01U115	900.3	01-Jun-95	47 F	885.5
01U115	900.3	11-Jul-95	48 F	886.4
01U115	900.3	29-Nov-95	49 A	886.4
01U115	900.3	16-Jan-96	50 A	884.5
01U115	900.3	13-May-96	51 A	885.5
01U115	900.3	29-May-96	51 A	885.2
01U115	900.3	15-Jul-96	52 A	885.5
01U115	900.3	06-Sep-96	52 A	884.6
01U116	902.7	16-Aug-93	40 F	894.0
01U116	902.7	29-Oct-93	41 F	892.0
01U116	902.7	16-Dec-93	41 F	891.0
01U116	902.7	17-Feb-94	42 F	890.0
01U116	902.7	09-Mar-94	42 F	889.9
01U116	902.7	27-Apr-94	43 F	888.5
01U116	902.7	08-Jun-94	43 F	889.0
01U116	902.7	16-Jun-94	43 F	888.7
01U116	902.7	21-Jun-94	43 F	888.3
01U116	902.7	28-Jun-94	43 F	888.0
01U116	902.7	05-Jul-94	44 F	887.6
01U116	902.7	12-Jul-94	44 F	887.7
01U116	902.7	20-Jul-94	44 F	887.7
01U116	902.7	26-Jul-94	44 F	887.5
01U116	902.7	03-Aug-94	44 F	886.9
01U116	902.7	10-Aug-94	44 F	886.9
01U116	902.7	17-Aug-94	44 F	886.8
01U116	902.7	26-Aug-94	44 F	886.9
01U116	902.7	01-Sep-94	44 F	886.7
01U116	902.7	06-Sep-94	44 F	886.6
01U116	902.7	08-Sep-94	44 F	886.7
01U116	902.7	22-Sep-94	44 F	886.5
01U116	902.7	27-Sep-94	44 F	886.5
01U116	902.7	06-Oct-94	45 F	886.6
01U116	902.7	03-Nov-94	45 F	885.4
01U116	902.7	02-Dec-94	45 F	885.8
01U116	902.7	07-Jan-95	46 F	886.2
01U116	902.7	17-Feb-95	46 F	885.0
01U116	902.7	07-Mar-95	46 F	884.8
01U116	902.7	01-May-95	47 F	885.5
01U116	902.7	01-Jun-95	47 F	885.7
01U116	902.7	14-Jul-95	48 F	883.6

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U116	902.7	05-Sep-95	48 F	887.5
01U116	902.7	29-Nov-95	49 A	886.9
01U116	902.7	16-Jan-96	50 A	884.8
01U116	902.7	13-May-96	51 A	886.0
01U116	902.7	29-May-96	51 A	885.4
01U116	902.7	15-Jul-96	52 A	885.7
01U116	902.7	06-Sep-96	52 A	884.8
01U117	902.7	16-Aug-93	40 F	894.7
01U117	902.7	07-Sep-93	40 F	894.0
01U117	902.7	29-Oct-93	41 F	892.6
01U117	902.7	16-Dec-93	41 F	891.5
01U117	902.7	17-Feb-94	42 F	890.5
01U117	902.7	10-Mar-94	42 F	890.2
01U117	902.7	27-Apr-94	43 F	889.0
01U117	902.7	08-Jun-94	43 F	890.0
01U117	902.7	16-Jun-94	43 F	889.8
01U117	902.7	21-Jun-94	43 F	889.4
01U117	902.7	28-Jun-94	43 F	889.1
01U117	902.7	05-Jul-94	44 F	888.8
01U117	902.7	12-Jul-94	44 F	888.7
01U117	902.7	20-Jul-94	44 F	888.6
01U117	902.7	26-Jul-94	44 F	888.5
01U117	902.7	03-Aug-94	44 F	888.0
01U117	902.7	10-Aug-94	44 F	887.9
01U117	902.7	17-Aug-94	44 F	887.9
01U117	902.7	26-Aug-94	44 F	887.8
01U117	902.7	01-Sep-94	44 F	887.7
01U117	902.7	06-Sep-94	44 F	887.6
01U117	902.7	09-Sep-94	44 F	887.5
01U117	902.7	22-Sep-94	44 F	888.9
01U117	902.7	27-Sep-94	44 F	887.4
01U117	902.7	06-Oct-94	45 F	887.4
01U117	902.7	03-Nov-94	45 F	886.5
01U117	902.7	02-Dec-94	45 F	886.7
01U117	902.7	07-Jan-95	46 F	886.9
01U117	902.7	17-Feb-95	46 F	886.0
01U117	902.7	06-Mar-95	46 F	885.6
01U117	902.7	06-Sep-95	48 F	888.3
01U117	902.7	15-Dec-95	49 A	887.2
01U117	902.7	11-Mar-96	50 A	885.7
01U117	902.7	29-May-96	51 A	886.5
01U117	902.7	06-Sep-96	52 A	885.8
01U118	901.8	16-Aug-93	40 F	896.1
01U118	901.8	29-Oct-93	41 F	893.5
01U118	901.8	16-Dec-93	41 F	892.8
01U118	901.8	17-Feb-94	42 F	891.7
01U118	901.8	08-Mar-94	42 F	891.4
01U118	901.8	27-Apr-94	43 F	892.2
01U118	901.8	07-Jun-94	43 F	893.2
01U118	901.8	26-Jul-94	44 F	892.2
01U118	901.8	06-Sep-94	44 F	887.5
01U118	901.8	08-Mar-95	46 F	887.7
01U118	901.8	08-Sep-95	48 F	889.4
01U118	901.8	29-May-96	51 A	889.4
01U118	901.8	06-Sep-96	52 A	888.2
01U119	898.1	16-Aug-93	40 F	896.7
01U119	898.1	29-Oct-93	41 F	894.9
01U119	898.1	16-Dec-93	41 F	894.8
01U119	898.1	17-Feb-94	42 F	893.4
01U119	898.1	08-Mar-94	42 F	893.9
01U119	898.1	27-Apr-94	43 F	896.7
01U119	898.1	07-Jun-94	43 F	894.9
01U119	898.1	26-Jul-94	44 F	896.7
01U119	898.1	07-Sep-94	44 F	891.6
01U119	898.1	06-Mar-95	46 F	890.7
01U119	898.1	08-Sep-95	48 F	891.7
01U119	898.1	29-May-96	51 A	893.3
01U119	898.1	06-Sep-96	52 A	890.2
01U120	902.2	16-Aug-93	40 F	894.8
01U120	902.2	29-Oct-93	41 F	892.8
01U120	902.2	16-Dec-93	41 F	892.3
01U120	902.2	17-Feb-94	42 F	891.5
01U120	902.2	17-Feb-94	42 F	891.2
01U120	902.2	09-Mar-94	42 F	891.5
01U120	902.2	27-Apr-94	43 F	891.5
01U120	902.2	08-Jun-94	43 F	892.5
01U120	902.2	26-Jul-94	44 F	891.5
01U120	902.2	08-Sep-94	44 F	887.6
01U120	902.2	07-Mar-95	46 F	888.4
01U120	902.2	08-Sep-95	48 F	890.1
01U120	902.2	29-May-96	51 A	889.8
01U120	902.2	06-Sep-96	52 A	888.4
01U122	901.0	11-Mar-94	42 F	898.0
01U122	901.0	08-Mar-95	46 F	895.3
01U122	901.0	29-May-96	51 A	898.0
01U125	901.1	16-Aug-93	40 F	894.4
01U125	901.1	29-Oct-93	41 F	892.6
01U125	901.1	16-Dec-93	41 F	891.5
01U125	901.1	17-Feb-94	42 F	890.3
01U125	901.1	10-Mar-94	42 F	890.3
01U125	901.1	27-Apr-94	43 F	889.9
01U125	901.1	09-Jun-94	43 F	890.7
01U125	901.1	16-Jun-94	43 F	890.9
01U125	901.1	21-Jun-94	43 F	888.6
01U125	901.1	28-Jun-94	43 F	889.3
01U125	901.1	05-Jul-94	44 F	889.0
01U125	901.1	12-Jul-94	44 F	888.7
01U125	901.1	20-Jul-94	44 F	888.5
01U125	901.1	26-Jul-94	44 F	888.3
01U125	901.1	03-Aug-94	44 F	888.1
01U125	901.1	10-Aug-94	44 F	887.9
01U125	901.1	17-Aug-94	44 F	887.7
01U125	901.1	26-Aug-94	44 F	887.5
01U125	901.1	01-Sep-94	44 F	887.4
01U125	901.1	06-Sep-94	44 F	887.3
01U125	901.1	09-Sep-94	44 F	887.5
01U125	901.1	22-Sep-94	44 F	887.0
01U125	901.1	27-Sep-94	44 F	887.0
01U125	901.1	06-Oct-94	45 F	887.0
01U125	901.1	03-Nov-94	45 F	886.4
01U125	901.1	02-Dec-94	45 F	886.0
01U125	901.1	07-Jan-95	46 F	886.2
01U125	901.1	17-Feb-95	46 F	886.2
01U125	901.1	07-Mar-95	46 F	885.7
01U125	901.1	01-May-95	47 F	885.9
01U125	901.1	01-Jun-95	47 F	886.1
01U125	901.1	14-Jul-95	48 F	884.0
01U125	901.1	05-Sep-95	48 F	887.7
01U125	901.1	29-Nov-95	49 A	886.4
01U125	901.1	16-Jan-96	50 A	885.8
01U125	901.1	13-May-96	51 A	886.2
01U125	901.1	29-May-96	51 A	886.1
01U125	901.1	15-Jul-96	52 A	886.4
01U125	901.1	06-Sep-96	52 A	885.6
01U126	903.3	16-Aug-93	40 F	896.1
01U126	903.3	29-Oct-93	41 F	892.9
01U126	903.3	16-Dec-93	41 F	892.3
01U126	903.3	17-Feb-94	42 F	891.3
01U126	903.3	09-Mar-94	42 F	891.3
01U126	903.3	27-Apr-94	43 F	890.6
01U126	903.3	07-Jun-94	43 F	892.1
01U126	903.3	26-Jul-94	44 F	890.7
01U126	903.3	07-Sep-94	44 F	889.1
01U126	903.3	06-Mar-95	46 F	887.2
01U126	903.3	08-Sep-95	48 F	889.3
01U126	903.3	29-May-96	51 A	888.4
01U126	903.3	06-Sep-96	52 A	887.5
01U127	902.9	16-Aug-93	40 F	896.9
01U127	902.9	29-Oct-93	41 F	893.3
01U127	902.9	16-Dec-93	41 F	892.8

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U127	902.9	17-Feb-94	42 F	891.7
01U127	902.9	09-Mar-94	42 F	891.7
01U127	902.9	27-Apr-94	43 F	892.2
01U127	902.9	07-Jun-94	43 F	893.0
01U127	902.9	26-Jul-94	44 F	892.5
01U127	902.9	07-Sep-94	44 F	889.2
01U127	902.9	07-Mar-95	46 F	888.6
01U127	902.9	08-Sep-95	48 F	890.4
01U127	902.9	29-May-96	51 A	890.3
01U127	902.9	06-Sep-96	52 A	888.9
01U128	881.3	08-Sep-93	40 A	875.2
01U128	881.3	01-Mar-94	42 A	873.8
01U128	881.3	06-Sep-94	44 A	873.2
01U128	881.3	06-Mar-95	46 A	872.8
01U128	881.3	05-Sep-95	48 A	874.9
01U128	881.3	03-Jun-96	51 A	875.4
01U128	881.3	03-Sep-96	52 A	872.8
01U130	888.7	17-Mar-94	42 F	880.7
01U130	888.7	08-Mar-95	46 F	880.6
01U130	888.7	29-May-96	51 A	882.5
01U133	900.7	16-Aug-93	40 F	896.9
01U133	900.7	29-Oct-93	41 F	894.2
01U133	900.7	16-Dec-93	41 F	893.8
01U133	900.7	17-Feb-94	42 F	892.7
01U133	900.7	07-Mar-94	42 F	893.0
01U133	900.7	27-Apr-94	43 F	895.7
01U133	900.7	08-Jun-94	43 F	894.1
01U133	900.7	26-Jul-94	44 F	895.7
01U133	900.7	08-Sep-94	44 F	891.2
01U133	900.7	07-Mar-95	46 F	892.0
01U133	900.7	08-Sep-95	48 F	891.3
01U133	900.7	29-May-96	51 A	892.4
01U133	900.7	06-Sep-96	52 A	889.9
01U135	900.0	16-Aug-93	40 F	888.5
01U135	900.0	29-Oct-93	41 F	887.0
01U135	900.0	16-Dec-93	41 F	886.3
01U135	900.0	17-Feb-94	42 F	885.5
01U135	900.0	27-Feb-94	42 F	884.9
01U135	900.0	09-Mar-94	42 F	885.1
01U135	900.0	08-Jun-94	43 F	886.4
01U135	900.0	26-Jul-94	44 F	884.5
01U135	900.0	08-Sep-94	44 F	884.4
01U135	900.0	08-Mar-95	46 F	882.5
01U135	900.0	08-Sep-95	48 F	884.2
01U135	900.0	29-May-96	51 A	883.5
01U135	900.0	06-Sep-96	52 A	882.9
01U136	898.8	16-Aug-93	40 F	883.1
01U136	898.8	29-Oct-93	41 F	881.7
01U136	898.8	16-Dec-93	41 F	881.3
01U136	898.8	17-Feb-94	42 F	880.6
01U136	898.8	09-Mar-94	42 F	880.6
01U136	898.8	27-Apr-94	43 F	880.4
01U136	898.8	08-Jun-94	43 F	881.9
01U136	898.8	26-Jul-94	44 F	880.4
01U136	898.8	08-Sep-94	44 F	880.0
01U136	898.8	07-Mar-95	46 F	879.0
01U136	898.8	08-Sep-95	48 F	880.3
01U136	898.8	29-May-96	51 A	880.2
01U136	898.8	06-Sep-96	52 A	879.1
01U137	900.9	16-Aug-93	40 F	896.1
01U137	900.9	29-Oct-93	41 F	893.4
01U137	900.9	16-Dec-93	41 F	892.7
01U137	900.9	17-Feb-94	42 F	891.6
01U137	900.9	10-Mar-94	42 F	891.4
01U137	900.9	27-Apr-94	43 F	891.7
01U137	900.9	07-Jun-94	43 F	892.5
01U137	900.9	26-Jul-94	44 F	891.3
01U137	900.9	06-Sep-94	44 F	886.9
01U137	900.9	06-Mar-95	46 F	887.1
01U137	900.9	08-Sep-95	48 F	889.3
01U137	900.9	29-May-96	51 A	888.2
01U137	900.9	06-Sep-96	52 A	887.4
01U138	904.6	16-Aug-93	40 F	894.1
01U138	904.6	29-Oct-93	41 F	892.1
01U138	904.6	16-Dec-93	41 F	891.0
01U138	904.6	17-Feb-94	42 F	889.9
01U138	904.6	10-Mar-94	42 F	889.9
01U138	904.6	27-Apr-94	43 F	890.8
01U138	904.6	09-Jun-94	43 F	888.7
01U138	904.6	16-Jun-94	43 F	888.4
01U138	904.6	21-Jun-94	43 F	888.0
01U138	904.6	28-Jun-94	43 F	887.7
01U138	904.6	05-Jul-94	44 F	887.4
01U138	904.6	12-Jul-94	44 F	887.3
01U138	904.6	20-Jul-94	44 F	887.2
01U138	904.6	26-Jul-94	44 F	887.1
01U138	904.6	03-Aug-94	44 F	886.7
01U138	904.6	10-Aug-94	44 F	886.5
01U138	904.6	17-Aug-94	44 F	886.6
01U138	904.6	26-Aug-94	44 F	886.6
01U138	904.6	01-Sep-94	44 F	886.4
01U138	904.6	06-Sep-94	44 F	886.3
01U138	904.6	09-Sep-94	44 F	886.5
01U138	904.6	22-Sep-94	44 F	886.2
01U138	904.6	27-Sep-94	44 F	886.3
01U138	904.6	06-Oct-94	45 F	886.4
01U138	904.6	03-Nov-94	45 F	884.6
01U138	904.6	02-Dec-94	45 F	884.9
01U138	904.6	07-Jan-95	46 F	885.5
01U138	904.6	17-Feb-95	46 F	884.3
01U138	904.6	07-Mar-95	46 F	884.1
01U138	904.6	01-May-95	47 F	885.1
01U138	904.6	01-Jun-95	47 F	885.4
01U138	904.6	14-Jul-95	48 F	883.3
01U138	904.6	05-Sep-95	48 F	887.4
01U138	904.6	29-Nov-95	49 A	885.6
01U138	904.6	16-Jan-96	50 A	884.1
01U138	904.6	13-May-96	51 A	885.0
01U138	904.6	29-May-96	51 A	885.0
01U138	904.6	15-Jul-96	52 A	885.3
01U138	904.6	06-Sep-96	52 A	884.4
01U139	901.5	16-Aug-93	40 F	893.4
01U139	901.5	07-Sep-93	40 F	893.0
01U139	901.5	29-Oct-93	41 F	891.5
01U139	901.5	16-Dec-93	41 F	890.4
01U139	901.5	17-Feb-94	42 F	889.4
01U139	901.5	07-Mar-94	42 F	889.3
01U139	901.5	27-Apr-94	43 F	888.7
01U139	901.5	08-Jun-94	43 F	888.1
01U139	901.5	16-Jun-94	43 F	887.5
01U139	901.5	21-Jun-94	43 F	887.2
01U139	901.5	28-Jun-94	43 F	886.8
01U139	901.5	05-Jul-94	44 F	886.4
01U139	901.5	12-Jul-94	44 F	886.2
01U139	901.5	20-Jul-94	44 F	886.0
01U139	901.5	26-Jul-94	44 F	885.9
01U139	901.5	03-Aug-94	44 F	885.7
01U139	901.5	10-Aug-94	44 F	885.6
01U139	901.5	17-Aug-94	44 F	885.5
01U139	901.5	26-Aug-94	44 F	885.5
01U139	901.5	01-Sep-94	44 F	885.9
01U139	901.5	06-Sep-94	44 F	885.9
01U139	901.5	09-Sep-94	44 F	886.0
01U139	901.5	22-Sep-94	44 F	885.9
01U139	901.5	27-Sep-94	44 F	886.0
01U139	901.5	06-Oct-94	45 F	886.2
01U139	901.5	03-Nov-94	45 F	884.5
01U139	901.5	02-Dec-94	45 F	884.6
01U139	901.5	07-Jan-95	46 F	885.3
01U139	901.5	17-Feb-95	46 F	883.9

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U139	901.5	07-Mar-95	46 F	883.3
01U139	901.5	01-May-95	47 F	887.2
01U139	901.5	01-Jun-95	47 F	884.3
01U139	901.5	14-Jul-95	48 F	885.5
01U139	901.5	05-Sep-95	48 F	886.9
01U139	901.5	29-Nov-95	49 A	885.6
01U139	901.5	16-Jan-96	50 A	883.5
01U139	901.5	11-Mar-96	50 A	883.7
01U139	901.5	13-May-96	51 A	884.8
01U139	901.5	29-May-96	51 A	884.6
01U139	901.5	15-Jul-96	52 A	884.7
01U139	901.5	06-Sep-96	52 A	884.0
01U140	899.0	16-Aug-93	40 F	891.4
01U140	899.0	07-Sep-93	40 F	891.0
01U140	899.0	29-Oct-93	41 F	889.7
01U140	899.0	16-Dec-93	41 F	888.6
01U140	899.0	17-Feb-94	42 F	887.6
01U140	899.0	08-Mar-94	42 F	887.7
01U140	899.0	27-Apr-94	43 F	887.1
01U140	899.0	08-Jun-94	43 F	887.5
01U140	899.0	16-Jun-94	43 F	886.9
01U140	899.0	21-Jun-94	43 F	886.6
01U140	899.0	28-Jun-94	43 F	886.3
01U140	899.0	05-Jul-94	44 F	885.9
01U140	899.0	12-Jul-94	44 F	885.6
01U140	899.0	20-Jul-94	44 F	885.6
01U140	899.0	26-Jul-94	44 F	886.5
01U140	899.0	03-Aug-94	44 F	885.4
01U140	899.0	10-Aug-94	44 F	885.4
01U140	899.0	17-Aug-94	44 F	885.4
01U140	899.0	26-Aug-94	44 F	885.4
01U140	899.0	01-Sep-94	44 F	885.1
01U140	899.0	06-Sep-94	44 F	885.1
01U140	899.0	09-Sep-94	44 F	888.1
01U140	899.0	22-Sep-94	44 F	885.0
01U140	899.0	27-Sep-94	44 F	885.1
01U140	899.0	06-Oct-94	45 F	885.2
01U140	899.0	03-Nov-94	45 F	883.8
01U140	899.0	02-Dec-94	45 F	883.9
01U140	899.0	07-Jan-95	46 F	884.6
01U140	899.0	07-Mar-95	46 F	882.9
01U140	899.0	01-May-95	47 F	883.4
01U140	899.0	01-Jun-95	47 F	883.8
01U140	899.0	14-Jul-95	48 F	884.3
01U140	899.0	05-Sep-95	48 F	885.1
01U140	899.0	29-Nov-95	49 A	884.0
01U140	899.0	16-Jan-96	50 A	883.1
01U140	899.0	13-May-96	51 A	883.6
01U140	899.0	29-May-96	51 A	883.8
01U140	899.0	15-Jul-96	52 A	884.0
01U140	899.0	06-Sep-96	52 A	883.2
01U141	898.0	16-Aug-93	40 F	893.9
01U141	898.0	29-Oct-93	41 F	891.3
01U141	898.0	16-Dec-93	41 F	890.5
01U141	898.0	17-Feb-94	42 F	889.5
01U141	898.0	08-Mar-94	42 F	889.3
01U141	898.0	27-Apr-94	43 F	889.4
01U141	898.0	07-Jun-94	43 F	890.0
01U141	898.0	26-Jul-94	44 F	889.1
01U141	898.0	06-Sep-94	44 F	887.1
01U141	898.0	07-Mar-95	46 F	884.7
01U141	898.0	08-Sep-95	48 F	887.2
01U141	898.0	29-May-96	51 A	885.8
01U141	898.0	06-Sep-96	52 A	885.2
01U142	898.0	29-May-96	51 A	881.5
01U143	898.0	29-May-96	51 A	882.4
01U144	898.0	29-May-96	51 A	881.3
01U145	901.4	26-May-94	43 F	892.3
01U145	901.4	09-Jun-94	43 F	890.9
01U145	901.4	16-Jun-94	43 F	890.2
01U145	901.4	21-Jun-94	43 F	889.9
01U145	901.4	28-Jun-94	43 F	889.6
01U145	901.4	05-Jul-94	44 F	889.3
01U145	901.4	12-Jul-94	44 F	889.1
01U145	901.4	20-Jul-94	44 F	888.9
01U145	901.4	26-Jul-94	44 F	888.7
01U145	901.4	03-Aug-94	44 F	887.7
01U145	901.4	10-Aug-94	44 F	888.2
01U145	901.4	17-Aug-94	44 F	888.1
01U145	901.4	26-Aug-94	44 F	888.0
01U145	901.4	01-Sep-94	44 F	887.8
01U145	901.4	06-Sep-94	44 F	887.7
01U145	901.4	22-Sep-94	44 F	887.4
01U145	901.4	27-Sep-94	44 F	887.4
01U145	901.4	06-Oct-94	45 F	887.4
01U145	901.4	03-Nov-94	45 F	886.5
01U145	901.4	02-Dec-94	45 F	886.4
01U145	901.4	07-Jan-95	46 F	886.6
01U145	901.4	17-Feb-95	46 F	886.1
01U145	901.4	07-Mar-95	46 F	885.5
01U145	901.4	04-Apr-95	47 F	885.2
01U145	901.4	01-May-95	47 F	886.0
01U145	901.4	01-Jun-95	47 F	886.2
01U145	901.4	14-Jul-95	48 F	887.3
01U145	901.4	07-Aug-95	48 F	887.6
01U145	901.4	08-Sep-95	48 F	888.0
01U145	901.4	10-Oct-95	49 F	885.4
01U145	901.4	29-Nov-95	49 A	886.3
01U145	901.4	15-Dec-95	49 A	886.2
01U145	901.4	16-Jan-96	50 A	884.9
01U145	901.4	14-Feb-96	50 A	884.5
01U145	901.4	11-Mar-96	50 A	883.9
01U145	901.4	11-Mar-96	50 A	884.6
01U145	901.4	09-Apr-96	51 A	885.4
01U145	901.4	13-May-96	51 A	885.7
01U145	901.4	29-May-96	51 A	885.5
01U145	901.4	15-Jul-96	52 A	885.8
01U145	901.4	06-Aug-96	52 A	885.8
01U145	901.4	06-Sep-96	52 A	885.0
01U146	903.5	26-May-94	43 F	891.2
01U146	903.5	09-Jun-94	43 F	889.0
01U146	903.5	16-Jun-94	43 F	888.8
01U146	903.5	21-Jun-94	43 F	888.3
01U146	903.5	28-Jun-94	43 F	888.0
01U146	903.5	05-Jul-94	44 F	887.8
01U146	903.5	12-Jul-94	44 F	887.7
01U146	903.5	20-Jul-94	44 F	887.7
01U146	903.5	26-Jul-94	44 F	887.6
01U146	903.5	03-Aug-94	44 F	887.2
01U146	903.5	10-Aug-94	44 F	887.0
01U146	903.5	17-Aug-94	44 F	887.0
01U146	903.5	26-Aug-94	44 F	887.1
01U146	903.5	01-Sep-94	44 F	886.8
01U146	903.5	06-Sep-94	44 F	886.6
01U146	903.5	22-Sep-94	44 F	886.5
01U146	903.5	27-Sep-94	44 F	886.5
01U146	903.5	06-Oct-94	45 F	886.9
01U146	903.5	03-Nov-94	45 F	885.4
01U146	903.5	02-Dec-94	45 F	885.7
01U146	903.5	07-Jan-95	46 F	886.1
01U146	903.5	17-Feb-95	46 F	885.1
01U146	903.5	07-Mar-95	46 F	884.5
01U146	903.5	04-Apr-95	47 F	884.4
01U146	903.5	01-May-95	47 F	885.6
01U146	903.5	01-Jun-95	47 F	885.9
01U146	903.5	14-Jul-95	48 F	886.9
01U146	903.5	07-Aug-95	48 F	887.3
01U146	903.5	08-Sep-95	48 F	887.8
01U146	903.5	10-Oct-95	49 F	885.1
01U146	903.5	29-Nov-95	49 A	886.1
01U146	903.5	15-Dec-95	49 A	886.1

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U146	903.5	16-Jan-96	50 A	884.6
01U146	903.5	14-Feb-96	50 A	884.2
01U146	903.5	11-Mar-96	50 A	884.4
01U146	903.5	09-Apr-96	51 A	885.2
01U146	903.5	13-May-96	51 A	885.5
01U146	903.5	29-May-96	51 A	885.4
01U146	903.5	15-Jul-96	52 A	885.7
01U146	903.5	06-Aug-96	52 A	885.7
01U146	903.5	06-Sep-96	52 A	884.8
01U147	902.8	26-May-94	43 F	891.6
01U147	902.8	09-Jun-94	43 F	889.8
01U147	902.8	16-Jun-94	43 F	889.3
01U147	902.8	21-Jun-94	43 F	889.1
01U147	902.8	28-Jun-94	43 F	888.8
01U147	902.8	05-Jul-94	44 F	888.6
01U147	902.8	12-Jul-94	44 F	888.5
01U147	902.8	20-Jul-94	44 F	888.4
01U147	902.8	26-Jul-94	44 F	888.3
01U147	902.8	03-Aug-94	44 F	887.7
01U147	902.8	10-Aug-94	44 F	887.6
01U147	902.8	17-Aug-94	44 F	887.6
01U147	902.8	26-Aug-94	44 F	887.5
01U147	902.8	01-Sep-94	44 F	887.4
01U147	902.8	06-Sep-94	44 F	887.3
01U147	902.8	22-Sep-94	44 F	887.1
01U147	902.8	27-Sep-94	44 F	887.2
01U147	902.8	06-Oct-94	45 F	887.2
01U147	902.8	03-Nov-94	45 F	886.3
01U147	902.8	02-Dec-94	45 F	887.5
01U147	902.8	07-Jan-95	46 F	886.7
01U147	902.8	17-Feb-95	46 F	885.8
01U147	902.8	07-Mar-95	46 F	885.4
01U147	902.8	04-Apr-95	47 F	885.3
01U147	902.8	01-May-95	47 F	886.3
01U147	902.8	01-Jun-95	47 F	886.5
01U147	902.8	14-Jul-95	48 F	887.5
01U147	902.8	07-Aug-95	48 F	887.6
01U147	902.8	08-Sep-95	48 F	888.0
01U147	902.8	10-Oct-95	49 F	886.2
01U147	902.8	29-Nov-95	49 A	887.4
01U147	902.8	15-Dec-95	49 A	886.9
01U147	902.8	16-Jan-96	50 A	885.6
01U147	902.8	14-Feb-96	50 A	885.3
01U147	902.8	11-Mar-96	50 A	885.4
01U147	902.8	09-Apr-96	51 A	886.3
01U147	902.8	13-May-96	51 A	886.7
01U147	902.8	29-May-96	51 A	886.3
01U147	902.8	15-Jul-96	52 A	886.5
01U147	902.8	06-Aug-96	52 A	886.4
01U147	902.8	06-Sep-96	52 A	885.6
01U148	902.6	26-May-94	43 F	891.4
01U148	902.6	09-Jun-94	43 F	889.0
01U148	902.6	16-Jun-94	43 F	888.6
01U148	902.6	21-Jun-94	43 F	888.2
01U148	902.6	28-Jun-94	43 F	888.0
01U148	902.6	05-Jul-94	44 F	887.7
01U148	902.6	12-Jul-94	44 F	887.7
01U148	902.6	20-Jul-94	44 F	887.7
01U148	902.6	26-Jul-94	44 F	887.6
01U148	902.6	03-Aug-94	44 F	886.8
01U148	902.6	10-Aug-94	44 F	886.8
01U148	902.6	17-Aug-94	44 F	886.8
01U148	902.6	26-Aug-94	44 F	886.8
01U148	902.6	01-Sep-94	44 F	886.7
01U148	902.6	06-Sep-94	44 F	886.5
01U148	902.6	22-Sep-94	44 F	886.4
01U148	902.6	27-Sep-94	44 F	886.5
01U148	902.6	06-Oct-94	45 F	886.6
01U148	902.6	03-Nov-94	45 F	885.2
01U148	902.6	02-Dec-94	45 F	885.7
01U148	902.6	07-Jan-95	46 F	886.1
01U148	902.6	17-Feb-95	46 F	885.0

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U148	902.6	07-Mar-95	46 F	884.6
01U148	902.6	04-Apr-95	47 F	884.5
01U148	902.6	01-May-95	47 F	885.5
01U148	902.6	01-Jun-95	47 F	885.6
01U148	902.6	14-Jul-95	48 F	883.6
01U148	902.6	07-Aug-95	48 F	887.1
01U148	902.6	08-Sep-95	48 F	887.5
01U148	902.6	10-Oct-95	49 F	885.3
01U148	902.6	29-Nov-95	49 A	886.8
01U148	902.6	15-Dec-95	49 A	886.3
01U148	902.6	16-Jan-96	50 A	885.1
01U148	902.6	14-Feb-96	50 A	884.4
01U148	902.6	11-Mar-96	50 A	884.7
01U148	902.6	09-Apr-96	51 A	885.6
01U148	902.6	13-May-96	51 A	885.9
01U148	902.6	29-May-96	51 A	885.4
01U148	902.6	15-Jul-96	52 A	885.7
01U148	902.6	06-Aug-96	52 A	885.8
01U148	902.6	06-Sep-96	52 A	884.8
01U149	901.3	26-May-94	43 F	891.6
01U149	901.3	09-Jun-94	43 F	889.7
01U149	901.3	16-Jun-94	43 F	889.2
01U149	901.3	21-Jun-94	43 F	888.7
01U149	901.3	28-Jun-94	43 F	888.4
01U149	901.3	05-Jul-94	44 F	888.1
01U149	901.3	12-Jul-94	44 F	888.0
01U149	901.3	20-Jul-94	44 F	887.9
01U149	901.3	26-Jul-94	44 F	887.8
01U149	901.3	03-Aug-94	44 F	884.9
01U149	901.3	10-Aug-94	44 F	887.2
01U149	901.3	17-Aug-94	44 F	887.1
01U149	901.3	26-Aug-94	44 F	887.1
01U149	901.3	01-Sep-94	44 F	887.0
01U149	901.3	06-Sep-94	44 F	886.8
01U149	901.3	22-Sep-94	44 F	886.6
01U149	901.3	27-Sep-94	44 F	886.7
01U149	901.3	06-Oct-94	45 F	886.7
01U149	901.3	03-Nov-94	45 F	885.4
01U149	901.3	02-Dec-94	45 F	885.6
01U149	901.3	07-Jan-95	46 F	886.0
01U149	901.3	17-Feb-95	46 F	885.3
01U149	901.3	07-Mar-95	46 F	884.5
01U149	901.3	04-Apr-95	47 F	884.3
01U149	901.3	01-May-95	47 F	885.5
01U149	901.3	01-Jun-95	47 F	885.8
01U149	901.3	14-Jul-95	48 F	883.7
01U149	901.3	07-Aug-95	48 F	887.2
01U149	901.3	08-Sep-95	48 F	887.7
01U149	901.3	10-Oct-95	49 F	885.3
01U149	901.3	29-Nov-95	49 A	886.2
01U149	901.3	15-Dec-95	49 A	886.2
01U149	901.3	16-Jan-96	50 A	885.1
01U149	901.3	14-Feb-96	50 A	884.2
01U149	901.3	11-Mar-96	50 A	884.5
01U149	901.3	09-Apr-96	51 A	885.3
01U149	901.3	13-May-96	51 A	885.7
01U149	901.3	29-May-96	51 A	885.5
01U149	901.3	15-Jul-96	52 A	885.8
01U149	901.3	06-Aug-96	52 A	885.8
01U149	901.3	06-Sep-96	52 A	884.9
01U150	901.3	26-May-94	43 F	891.1
01U150	901.3	09-Jun-94	43 F	888.6
01U150	901.3	16-Jun-94	43 F	888.3
01U150	901.3	21-Jun-94	43 F	887.8
01U150	901.3	28-Jun-94	43 F	887.5
01U150	901.3	05-Jul-94	44 F	887.2
01U150	901.3	12-Jul-94	44 F	887.1
01U150	901.3	20-Jul-94	44 F	887.0
01U150	901.3	26-Jul-94	44 F	887.0
01U150	901.3	03-Aug-94	44 F	886.1
01U150	901.3	10-Aug-94	44 F	886.4
01U150	901.3	17-Aug-94	44 F	886.4

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U150	901.3	26-Aug-94	44 F	886.5
01U150	901.3	01-Sep-94	44 F	886.3
01U150	901.3	06-Sep-94	44 F	886.0
01U150	901.3	22-Sep-94	44 F	886.0
01U150	901.3	27-Sep-94	44 F	886.1
01U150	901.3	06-Oct-94	45 F	886.2
01U150	901.3	03-Nov-94	45 F	884.6
01U150	901.3	02-Dec-94	45 F	884.8
01U150	901.3	07-Jan-95	46 F	885.2
01U150	901.3	17-Feb-95	46 F	884.3
01U150	901.3	07-Mar-95	46 F	883.7
01U150	901.3	04-Apr-95	47 F	883.7
01U150	901.3	01-May-95	47 F	884.9
01U150	901.3	01-Jun-95	47 F	885.3
01U150	901.3	14-Jul-95	48 F	879.7
01U150	901.3	07-Aug-95	48 F	886.7
01U150	901.3	08-Sep-95	48 F	887.2
01U150	901.3	10-Oct-95	49 F	884.3
01U150	901.3	29-Nov-95	49 A	885.5
01U150	901.3	15-Dec-95	49 A	885.6
01U150	901.3	16-Jan-96	50 A	884.0
01U150	901.3	14-Feb-96	50 A	883.7
01U150	901.3	11-Mar-96	50 A	883.9
01U150	901.3	09-Apr-96	51 A	884.8
01U150	901.3	13-May-96	51 A	885.0
01U150	901.3	29-May-96	51 A	884.8
01U150	901.3	15-Jul-96	52 A	885.1
01U150	901.3	06-Aug-96	52 A	885.1
01U150	901.3	06-Sep-96	52 A	884.3
01U151	904.7	26-May-94	43 F	893.8
01U151	904.7	09-Jun-94	43 F	888.9
01U151	904.7	16-Jun-94	43 F	888.5
01U151	904.7	21-Jun-94	43 F	888.0
01U151	904.7	28-Jun-94	43 F	887.7
01U151	904.7	05-Jul-94	44 F	887.4
01U151	904.7	12-Jul-94	44 F	887.3
01U151	904.7	20-Jul-94	44 F	887.2
01U151	904.7	26-Jul-94	44 F	887.1
01U151	904.7	03-Aug-94	44 F	886.7
01U151	904.7	10-Aug-94	44 F	886.5
01U151	904.7	17-Aug-94	44 F	886.5
01U151	904.7	26-Aug-94	44 F	886.5
01U151	904.7	01-Sep-94	44 F	886.3
01U151	904.7	06-Sep-94	44 F	886.2
01U151	904.7	22-Sep-94	44 F	886.1
01U151	904.7	27-Sep-94	44 F	886.2
01U151	904.7	06-Oct-94	45 F	886.3
01U151	904.7	03-Nov-94	45 F	881.7
01U151	904.7	02-Dec-94	45 F	884.9
01U151	904.7	07-Jan-95	46 F	885.3
01U151	904.7	17-Feb-95	46 F	884.4
01U151	904.7	07-Mar-95	46 F	883.8
01U151	904.7	04-Apr-95	47 F	883.7
01U151	904.7	01-May-95	47 F	884.9
01U151	904.7	01-Jun-95	47 F	885.3
01U151	904.7	14-Jul-95	48 F	883.1
01U151	904.7	07-Aug-95	48 F	886.6
01U151	904.7	08-Sep-95	48 F	887.2
01U151	904.7	10-Oct-95	49 F	884.5
01U151	904.7	29-Nov-95	49 A	885.5
01U151	904.7	15-Dec-95	49 A	885.6
01U151	904.7	16-Jan-96	50 A	884.2
01U151	904.7	14-Feb-96	50 A	883.8
01U151	904.7	11-Mar-96	50 A	884.0
01U151	904.7	09-Apr-96	51 A	884.8
01U151	904.7	13-May-96	51 A	885.1
01U151	904.7	29-May-96	51 A	885.0
01U151	904.7	15-Jul-96	52 A	885.3
01U151	904.7	06-Aug-96	52 A	885.2
01U151	904.7	06-Sep-96	52 A	884.5
01U152	901.0	26-May-94	43 F	889.6
01U152	901.0	09-Jun-94	43 F	888.0
01U152	901.0	09-Jun-94	43 F	888.6
01U152	901.0	21-Jun-94	43 F	887.7
01U152	901.0	28-Jun-94	43 F	887.4
01U152	901.0	05-Jul-94	44 F	887.1
01U152	901.0	12-Jul-94	44 F	886.8
01U152	901.0	20-Jul-94	44 F	886.7
01U152	901.0	26-Jul-94	44 F	886.6
01U152	901.0	03-Aug-94	44 F	886.3
01U152	901.0	17-Aug-94	44 F	886.0
01U152	901.0	19-Aug-94	44 F	886.1
01U152	901.0	26-Aug-94	44 F	886.0
01U152	901.0	01-Sep-94	44 F	886.1
01U152	901.0	06-Sep-94	44 F	886.0
01U152	901.0	22-Sep-94	44 F	885.9
01U152	901.0	27-Sep-94	44 F	886.0
01U152	901.0	06-Oct-94	45 F	886.1
01U152	901.0	03-Nov-94	45 F	884.8
01U152	901.0	02-Dec-94	45 F	884.8
01U152	901.0	07-Jan-95	46 F	885.3
01U152	901.0	07-Mar-95	46 F	883.7
01U152	901.0	04-Apr-95	47 F	883.8
01U152	901.0	01-May-95	47 F	884.4
01U152	901.0	01-Jun-95	47 F	884.7
01U152	901.0	14-Jul-95	48 F	885.8
01U152	901.0	07-Aug-95	48 F	886.3
01U152	901.0	08-Sep-95	48 F	886.9
01U152	901.0	10-Oct-95	49 F	884.3
01U152	901.0	29-Nov-95	49 A	885.6
01U152	901.0	15-Dec-95	49 A	885.3
01U152	901.0	16-Jan-96	50 A	884.0
01U152	901.0	14-Feb-96	50 A	883.6
01U152	901.0	11-Mar-96	50 A	883.9
01U152	901.0	09-Apr-96	51 A	884.8
01U152	901.0	13-May-96	51 A	885.0
01U152	901.0	29-May-96	51 A	884.8
01U152	901.0	15-Jul-96	52 A	885.0
01U152	901.0	06-Aug-96	52 A	884.9
01U152	901.0	06-Sep-96	52 A	884.3
01U153	899.9	26-May-94	43 F	889.2
01U153	899.9	09-Jun-94	43 F	888.0
01U153	899.9	09-Jun-94	43 F	887.3
01U153	899.9	24-Jun-94	43 F	886.9
01U153	899.9	28-Jun-94	43 F	886.4
01U153	899.9	05-Jul-94	44 F	886.0
01U153	899.9	12-Jul-94	44 F	885.7
01U153	899.9	26-Jul-94	44 F	885.5
01U153	899.9	03-Aug-94	44 F	885.3
01U153	899.9	10-Aug-94	44 F	885.2
01U153	899.9	17-Aug-94	44 F	885.1
01U153	899.9	26-Aug-94	44 F	885.1
01U153	899.9	01-Sep-94	44 F	885.4
01U153	899.9	06-Sep-94	44 F	885.3
01U153	899.9	22-Sep-94	44 F	885.4
01U153	899.9	27-Sep-94	44 F	885.5
01U153	899.9	06-Oct-94	45 F	885.6
01U153	899.9	03-Nov-94	45 F	884.2
01U153	899.9	02-Dec-94	45 F	884.3
01U153	899.9	07-Jan-95	46 F	884.7
01U153	899.9	17-Feb-95	46 F	883.7
01U153	899.9	07-Mar-95	46 F	882.8
01U153	899.9	04-Apr-95	47 F	882.4
01U153	899.9	01-May-95	47 F	883.5
01U153	899.9	01-Jun-95	47 F	884.0
01U153	899.9	14-Jul-95	48 F	884.7
01U153	899.9	07-Aug-95	48 F	885.4
01U153	899.9	08-Sep-95	48 F	886.2
01U153	899.9	10-Oct-95	49 F	883.2
01U153	899.9	29-Nov-95	49 A	884.7
01U153	899.9	15-Dec-95	49 A	884.5
01U153	899.9	16-Jan-96	50 A	883.0
01U153	899.9	14-Feb-96	50 A	882.7
01U153	899.9	11-Mar-96	50 A	883.2
01U153	899.9	09-Apr-96	51 A	884.1

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U153	899.9	13-May-96	51 A	884.5
01U153	899.9	29-May-96	51 A	884.0
01U153	899.9	15-Jul-96	52 A	884.2
01U153	899.9	06-Aug-96	52 A	884.0
01U153	899.9	06-Sep-96	52 A	883.5
01U154	898.9	26-May-94	43 F	888.1
01U154	898.9	09-Jun-94	43 F	887.6
01U154	898.9	16-Jun-94	43 F	887.0
01U154	898.9	21-Jun-94	43 F	886.6
01U154	898.9	28-Jun-94	43 F	886.2
01U154	898.9	05-Jul-94	44 F	885.8
01U154	898.9	12-Jul-94	44 F	885.5
01U154	898.9	20-Jul-94	44 F	885.4
01U154	898.9	26-Jul-94	44 F	885.4
01U154	898.9	03-Aug-94	44 F	885.3
01U154	898.9	10-Aug-94	44 F	885.2
01U154	898.9	17-Aug-94	44 F	885.2
01U154	898.9	26-Aug-94	44 F	885.2
01U154	898.9	01-Sep-94	44 F	885.0
01U154	898.9	06-Sep-94	44 F	885.0
01U154	898.9	22-Sep-94	44 F	885.0
01U154	898.9	27-Sep-94	44 F	885.1
01U154	898.9	06-Oct-94	45 F	885.2
01U154	898.9	03-Nov-94	45 F	883.9
01U154	898.9	02-Dec-94	45 F	884.0
01U154	898.9	07-Jan-95	46 F	884.2
01U154	898.9	17-Feb-95	46 F	883.4
01U154	898.9	07-Mar-95	46 F	882.6
01U154	898.9	04-Apr-95	47 F	882.2
01U154	898.9	01-May-95	47 F	883.4
01U154	898.9	01-Jun-95	47 F	883.9
01U154	898.9	14-Jul-95	48 F	884.1
01U154	898.9	07-Aug-95	48 F	884.6
01U154	898.9	08-Sep-95	48 F	885.3
01U154	898.9	10-Oct-95	49 F	883.1
01U154	898.9	29-Nov-95	49 A	884.0
01U154	898.9	15-Dec-95	49 A	884.1
01U154	898.9	16-Jan-96	50 A	882.9
01U154	898.9	14-Feb-96	50 A	882.6
01U154	898.9	11-Mar-96	50 A	882.8
01U154	898.9	09-Apr-96	51 A	883.7
01U154	898.9	13-May-96	51 A	884.2
01U154	898.9	29-May-96	51 A	883.7
01U154	898.9	15-Jul-96	52 A	883.9
01U154	898.9	06-Aug-96	52 A	883.6
01U154	898.9	06-Sep-96	52 A	883.1
01U155	897.9	26-May-94	43 F	887.4
01U155	897.9	09-Jun-94	43 F	886.5
01U155	897.9	16-Jun-94	43 F	886.2
01U155	897.9	21-Jun-94	43 F	886.0
01U155	897.9	28-Jun-94	43 F	885.7
01U155	897.9	05-Jul-94	44 F	885.4
01U155	897.9	12-Jul-94	44 F	885.2
01U155	897.9	20-Jul-94	44 F	885.1
01U155	897.9	26-Jul-94	44 F	885.1
01U155	897.9	03-Aug-94	44 F	884.9
01U155	897.9	10-Aug-94	44 F	884.9
01U155	897.9	17-Aug-94	44 F	884.8
01U155	897.9	26-Aug-94	44 F	884.7
01U155	897.9	01-Sep-94	44 F	884.5
01U155	897.9	06-Sep-94	44 F	884.5
01U155	897.9	22-Sep-94	44 F	884.3
01U155	897.9	27-Sep-94	44 F	884.4
01U155	897.9	06-Oct-94	45 F	884.4
01U155	897.9	03-Nov-94	45 F	883.1
01U155	897.9	02-Dec-94	45 F	883.2
01U155	897.9	07-Jan-95	46 F	883.3
01U155	897.9	17-Feb-95	46 F	882.9
01U155	897.9	07-Mar-95	46 F	882.4
01U155	897.9	04-Apr-95	47 F	882.3
01U155	897.9	01-May-95	47 F	883.1
01U155	897.9	01-Jun-95	47 F	883.3
01U155	897.9	14-Jul-95	48 F	883.8
01U155	897.9	07-Aug-95	48 F	884.0
01U155	897.9	08-Sep-95	48 F	884.2
01U155	897.9	29-Nov-95	49 A	883.5
01U155	897.9	15-Dec-95	49 A	883.4
01U155	897.9	16-Jan-96	50 A	882.7
01U155	897.9	14-Feb-96	50 A	882.4
01U155	897.9	11-Mar-96	50 A	882.4
01U155	897.9	09-Apr-96	51 A	883.0
01U155	897.9	13-May-96	51 A	883.3
01U155	897.9	29-May-96	51 A	883.4
01U155	897.9	15-Jul-96	52 A	883.6
01U155	897.9	06-Aug-96	52 A	883.3
01U155	897.9	06-Sep-96	52 A	882.8
01U156	897.8	26-May-94	43 F	886.9
01U156	897.8	09-Jun-94	43 F	886.4
01U156	897.8	16-Jun-94	43 F	886.1
01U156	897.8	21-Jun-94	43 F	887.0
01U156	897.8	28-Jun-94	43 F	885.8
01U156	897.8	05-Jul-94	44 F	885.5
01U156	897.8	12-Jul-94	44 F	885.3
01U156	897.8	20-Jul-94	44 F	885.2
01U156	897.8	26-Jul-94	44 F	885.1
01U156	897.8	03-Aug-94	44 F	884.9
01U156	897.8	10-Aug-94	44 F	884.8
01U156	897.8	17-Aug-94	44 F	884.7
01U156	897.8	26-Aug-94	44 F	884.6
01U156	897.8	01-Sep-94	44 F	884.4
01U156	897.8	06-Sep-94	44 F	884.4
01U156	897.8	22-Sep-94	44 F	884.2
01U156	897.8	27-Sep-94	44 F	884.2
01U156	897.8	06-Oct-94	45 F	884.1
01U156	897.8	03-Nov-94	45 F	883.3
01U156	897.8	02-Dec-94	45 F	883.1
01U156	897.8	07-Jan-95	46 F	884.0
01U156	897.8	17-Feb-95	46 F	882.8
01U156	897.8	07-Mar-95	46 F	882.5
01U156	897.8	04-Apr-95	47 F	882.3
01U156	897.8	01-May-95	47 F	883.1
01U156	897.8	01-Jun-95	47 F	883.3
01U156	897.8	14-Jul-95	48 F	883.9
01U156	897.8	07-Aug-95	48 F	883.9
01U156	897.8	08-Sep-95	48 F	884.0
01U156	897.8	29-Nov-95	49 A	883.3
01U156	897.8	15-Dec-95	49 A	883.2
01U156	897.8	16-Jan-96	50 A	882.7
01U156	897.8	14-Feb-96	50 A	882.4
01U156	897.8	11-Mar-96	50 A	882.3
01U156	897.8	09-Apr-96	51 A	882.7
01U156	897.8	13-May-96	51 A	883.1
01U156	897.8	29-May-96	51 A	883.3
01U156	897.8	15-Jul-96	52 A	883.5
01U156	897.8	06-Aug-96	52 A	883.2
01U156	897.8	06-Sep-96	52 A	882.7
01U157	901.9	10-Mar-94	42 F	889.3
01U157	901.9	09-Jun-94	43 F	889.3
01U157	901.9	16-Jun-94	43 F	888.2
01U157	901.9	21-Jun-94	43 F	887.9
01U157	901.9	28-Jun-94	43 F	887.6
01U157	901.9	05-Jul-94	44 F	887.2
01U157	901.9	12-Jul-94	44 F	887.2
01U157	901.9	20-Jul-94	44 F	887.0
01U157	901.9	26-Jul-94	44 F	886.9
01U157	901.9	03-Aug-94	44 F	886.6
01U157	901.9	10-Aug-94	44 F	886.3
01U157	901.9	17-Aug-94	44 F	886.4
01U157	901.9	26-Aug-94	44 F	886.4
01U157	901.9	01-Sep-94	44 F	886.3
01U157	901.9	06-Sep-94	44 F	886.2
01U157	901.9	09-Sep-94	44 F	886.1
01U157	901.9	22-Sep-94	44 F	886.1
01U157	901.9	27-Sep-94	44 F	886.1

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U157	901.9	06-Oct-94	45 F	886.2
01U157	901.9	03-Nov-94	45 F	884.7
01U157	901.9	02-Dec-94	45 F	884.9
01U157	901.9	07-Jan-95	46 F	885.5
01U157	901.9	17-Feb-95	46 F	884.5
01U157	901.9	07-Mar-95	46 F	883.8
01U157	901.9	01-May-95	47 F	884.9
01U157	901.9	01-Jun-95	47 F	885.1
01U157	901.9	14-Jul-95	48 F	886.1
01U157	901.9	05-Sep-95	48 F	887.1
01U157	901.9	29-Nov-95	49 A	885.6
01U157	901.9	15-Dec-95	49 A	885.6
01U157	901.9	16-Jan-96	50 A	884.2
01U157	901.9	11-Mar-96	50 A	884.1
01U157	901.9	13-May-96	51 A	885.1
01U157	901.9	29-May-96	51 A	885.0
01U157	901.9	15-Jul-96	52 A	885.2
01U157	901.9	06-Sep-96	52 A	884.4
01U158	901.1	10-Mar-94	42 F	888.8
01U158	901.1	09-Jun-94	43 F	887.7
01U158	901.1	16-Jun-94	43 F	888.1
01U158	901.1	21-Jun-94	43 F	887.8
01U158	901.1	28-Jun-94	43 F	887.5
01U158	901.1	05-Jul-94	44 F	887.0
01U158	901.1	12-Jul-94	44 F	886.8
01U158	901.1	20-Jul-94	44 F	886.7
01U158	901.1	26-Jul-94	44 F	886.6
01U158	901.1	03-Aug-94	44 F	886.3
01U158	901.1	10-Aug-94	44 F	886.2
01U158	901.1	17-Aug-94	44 F	886.1
01U158	901.1	26-Aug-94	44 F	886.1
01U158	901.1	01-Sep-94	44 F	886.1
01U158	901.1	06-Sep-94	44 F	886.0
01U158	901.1	09-Sep-94	44 F	886.0
01U158	901.1	22-Sep-94	44 F	885.9
01U158	901.1	27-Sep-94	44 F	885.9
01U158	901.1	06-Oct-94	45 F	886.0
01U158	901.1	03-Nov-94	45 F	884.7
01U158	901.1	02-Dec-94	45 F	884.7
01U158	901.1	07-Jan-95	46 F	885.1
01U158	901.1	17-Feb-95	46 F	884.4
01U158	901.1	07-Mar-95	46 F	883.5
01U158	901.1	01-May-95	47 F	884.4
01U158	901.1	01-Jun-95	47 F	884.8
01U158	901.1	14-Jul-95	48 F	885.7
01U158	901.1	05-Sep-95	48 F	886.7
01U158	901.1	29-Nov-95	49 A	884.9
01U158	901.1	15-Dec-95	49 A	884.9
01U158	901.1	16-Jan-96	50 A	883.7
01U158	901.1	11-Mar-96	50 A	883.4
01U158	901.1	13-May-96	51 A	884.7
01U158	901.1	29-May-96	51 A	884.4
01U158	901.1	15-Jul-96	52 A	884.7
01U158	901.1	06-Sep-96	52 A	883.9
01U350	903.9	16-Aug-93	40 F	889.2
01U350	903.9	29-Oct-93	40 F	893.1
01U350	903.9	29-Oct-93	41 F	893.2
01U350	903.9	16-Dec-93	41 F	887.1
01U350	903.9	17-Feb-94	42 F	885.3
01U350	903.9	10-Mar-94	42 F	885.6
01U350	903.9	27-Apr-94	43 F	885.6
01U350	903.9	08-Jun-94	43 F	885.0
01U350	903.9	26-Jul-94	44 F	885.6
01U350	903.9	07-Sep-94	44 F	890.6
01U350	903.9	29-May-96	51 A	890.1
01U350	903.9	06-Sep-96	52 A	888.8
01U351	904.0	11-Mar-94	42 F	890.0
01U351	904.0	26-May-94	43 F	891.5
01U351	904.0	09-Jun-94	43 F	887.4
01U351	904.0	09-Jun-94	43 F	887.1
01U351	904.0	16-Jun-94	43 F	886.7
01U351	904.0	21-Jun-94	43 F	886.4
01U351	904.0	28-Jun-94	43 F	886.1
01U351	904.0	05-Jul-94	44 F	885.7
01U351	904.0	12-Jul-94	44 F	885.7
01U351	904.0	20-Jul-94	44 F	885.6
01U351	904.0	26-Jul-94	44 F	885.4
01U351	904.0	03-Aug-94	44 F	884.7
01U351	904.0	10-Aug-94	44 F	884.7
01U351	904.0	17-Aug-94	44 F	884.5
01U351	904.0	26-Aug-94	44 F	884.6
01U351	904.0	01-Sep-94	44 F	884.5
01U351	904.0	06-Sep-94	44 F	884.3
01U351	904.0	07-Sep-94	44 F	884.3
01U351	904.0	22-Sep-94	44 F	884.3
01U351	904.0	27-Sep-94	44 F	884.3
01U351	904.0	06-Oct-94	45 F	884.5
01U351	904.0	03-Nov-94	45 F	882.5
01U351	904.0	02-Dec-94	45 F	884.1
01U351	904.0	07-Jan-95	46 F	888.2
01U351	904.0	17-Feb-95	46 F	882.0
01U351	904.0	14-Mar-95	46 F	881.6
01U351	904.0	04-Apr-95	47 F	881.8
01U351	904.0	01-May-95	47 F	883.2
01U351	904.0	01-Jun-95	47 F	883.2
01U351	904.0	14-Jul-95	48 F	881.5
01U351	904.0	07-Aug-95	48 F	884.8
01U351	904.0	08-Sep-95	48 F	885.9
01U351	904.0	10-Oct-95	49 F	883.2
01U351	904.0	29-Nov-95	49 A	887.0
01U351	904.0	15-Dec-95	49 A	885.2
01U351	904.0	16-Jan-96	50 A	882.4
01U351	904.0	14-Feb-96	50 A	882.9
01U351	904.0	11-Mar-96	50 A	883.8
01U351	904.0	09-Apr-96	51 A	885.0
01U351	904.0	13-May-96	51 A	886.2
01U351	904.0	29-May-96	51 A	883.4
01U351	904.0	15-Jul-96	52 A	884.2
01U351	904.0	06-Aug-96	52 A	884.4
01U351	904.0	06-Sep-96	52 A	883.2
01U352	901.0	11-Mar-94	42 F	889.6
01U352	901.0	26-May-94	43 F	891.4
01U352	901.0	09-Jun-94	43 F	880.2
01U352	901.0	09-Jun-94	43 F	879.4
01U352	901.0	16-Jun-94	43 F	878.4
01U352	901.0	21-Jun-94	43 F	877.5
01U352	901.0	28-Jun-94	43 F	877.2
01U352	901.0	05-Jul-94	44 F	876.5
01U352	901.0	12-Jul-94	44 F	880.5
01U352	901.0	20-Jul-94	44 F	883.0
01U352	901.0	26-Jul-94	44 F	883.9
01U352	901.0	03-Aug-94	44 F	874.8
01U352	901.0	10-Aug-94	44 F	875.5
01U352	901.0	17-Aug-94	44 F	876.9
01U352	901.0	26-Aug-94	44 F	879.5
01U352	901.0	01-Sep-94	44 F	880.7
01U352	901.0	06-Sep-94	44 F	881.4
01U352	901.0	07-Sep-94	44 F	881.4
01U352	901.0	22-Sep-94	44 F	881.5
01U352	901.0	27-Sep-94	44 F	883.0
01U352	901.0	06-Oct-94	45 F	885.1
01U352	901.0	03-Nov-94	45 F	874.9
01U352	901.0	02-Dec-94	45 F	881.3
01U352	901.0	07-Jan-95	46 F	885.7
01U352	901.0	17-Feb-95	46 F	885.0
01U352	901.0	14-Mar-95	46 F	884.5
01U352	901.0	04-Apr-95	47 F	884.4
01U352	901.0	01-May-95	47 F	885.5
01U352	901.0	01-Jun-95	47 F	883.4
01U352	901.0	14-Jul-95	48 F	881.7
01U352	901.0	07-Aug-95	48 F	886.9
01U352	901.0	08-Sep-95	48 F	887.1
01U352	901.0	10-Oct-95	49 F	883.0
01U352	901.0	29-Nov-95	49 A	886.6

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U352	901.0	15-Dec-95	49 A	886.1
01U352	901.0	16-Jan-96	50 A	877.4
01U352	901.0	14-Feb-96	50 A	880.9
01U352	901.0	11-Mar-96	50 A	884.4
01U352	901.0	09-Apr-96	51 A	885.4
01U352	901.0	13-May-96	51 A	882.0
01U352	901.0	29-May-96	51 A	882.6
01U352	901.0	15-Jul-96	52 A	882.4
01U352	901.0	06-Aug-96	52 A	885.1
01U352	901.0	06-Sep-96	52 A	881.9
01U353	902.0	11-Mar-94	42 F	889.5
01U353	902.0	26-May-94	43 F	891.2
01U353	902.0	09-Jun-94	43 F	882.0
01U353	902.0	09-Jun-94	43 F	882.6
01U353	902.0	16-Jun-94	43 F	888.3
01U353	902.0	21-Jun-94	43 F	883.3
01U353	902.0	28-Jun-94	43 F	880.4
01U353	902.0	05-Jul-94	44 F	882.1
01U353	902.0	12-Jul-94	44 F	882.4
01U353	902.0	20-Jul-94	44 F	882.9
01U353	902.0	26-Jul-94	44 F	883.4
01U353	902.0	03-Aug-94	44 F	883.6
01U353	902.0	10-Aug-94	44 F	884.2
01U353	902.0	17-Aug-94	44 F	885.2
01U353	902.0	26-Aug-94	44 F	886.0
01U353	902.0	01-Sep-94	44 F	884.5
01U353	902.0	06-Sep-94	44 F	881.5
01U353	902.0	07-Sep-94	44 F	881.5
01U353	902.0	22-Sep-94	44 F	882.2
01U353	902.0	27-Sep-94	44 F	882.5
01U353	902.0	06-Oct-94	45 F	883.3
01U353	902.0	03-Nov-94	45 F	879.7
01U353	902.0	02-Dec-94	45 F	881.9
01U353	902.0	07-Jan-95	46 F	884.0
01U353	902.0	17-Feb-95	46 F	880.0
01U353	902.0	14-Mar-95	46 F	879.2
01U353	902.0	04-Apr-95	47 F	880.1
01U353	902.0	01-May-95	47 F	884.0
01U353	902.0	01-Jun-95	47 F	884.5
01U353	902.0	14-Jul-95	48 F	883.9
01U353	902.0	07-Aug-95	48 F	885.3
01U353	902.0	08-Sep-95	48 F	886.9
01U353	902.0	10-Oct-95	49 F	878.0
01U353	902.0	29-Nov-95	49 A	881.5
01U353	902.0	15-Dec-95	49 A	882.0
01U353	902.0	16-Jan-96	50 A	880.5
01U353	902.0	14-Feb-96	50 A	880.4
01U353	902.0	11-Mar-96	50 A	880.6
01U353	902.0	09-Apr-96	51 A	881.9
01U353	902.0	13-May-96	51 A	881.8
01U353	902.0	29-May-96	51 A	881.7
01U353	902.0	15-Jul-96	52 A	882.3
01U353	902.0	06-Aug-96	52 A	882.4
01U353	902.0	06-Sep-96	52 A	881.4
01U354	903.8	10-Mar-94	42 F	889.3
01U354	903.8	26-May-94	43 F	891.0
01U354	903.8	09-Jun-94	43 F	886.6
01U354	903.8	09-Jun-94	43 F	886.9
01U354	903.8	09-Jun-94	43 F	886.4
01U354	903.8	21-Jun-94	43 F	886.0
01U354	903.8	28-Jun-94	43 F	885.8
01U354	903.8	05-Jul-94	44 F	885.5
01U354	903.8	12-Jul-94	44 F	885.6
01U354	903.8	20-Jul-94	44 F	885.6
01U354	903.8	26-Jul-94	44 F	885.5
01U354	903.8	03-Aug-94	44 F	885.1
01U354	903.8	10-Aug-94	44 F	884.8
01U354	903.8	17-Aug-94	44 F	885.0
01U354	903.8	26-Aug-94	44 F	885.2
01U354	903.8	01-Sep-94	44 F	884.7
01U354	903.8	06-Sep-94	44 F	884.8
01U354	903.8	07-Sep-94	44 F	884.9
01U354	903.8	22-Sep-94	44 F	885.0
01U354	903.8	27-Sep-94	44 F	885.2
01U354	903.8	06-Oct-94	45 F	885.4
01U354	903.8	03-Nov-94	45 F	881.9
01U354	903.8	02-Dec-94	45 F	882.6
01U354	903.8	07-Jan-95	46 F	884.3
01U354	903.8	17-Feb-95	46 F	881.8
01U354	903.8	14-Mar-95	46 F	881.8
01U354	903.8	04-Apr-95	47 F	882.3
01U354	903.8	01-May-95	47 F	884.0
01U354	903.8	01-Jun-95	47 F	884.6
01U354	903.8	14-Jul-95	48 F	882.2
01U354	903.8	07-Aug-95	48 F	886.2
01U354	903.8	08-Sep-95	48 F	887.0
01U354	903.8	10-Oct-95	49 F	882.3
01U354	903.8	29-Nov-95	49 A	884.6
01U354	903.8	15-Dec-95	49 A	884.9
01U354	903.8	16-Jan-96	50 A	882.4
01U354	903.8	14-Feb-96	50 A	882.6
01U354	903.8	11-Mar-96	50 A	883.1
01U354	903.8	09-Apr-96	51 A	884.0
01U354	903.8	13-May-96	51 A	884.1
01U354	903.8	29-May-96	51 A	884.1
01U354	903.8	15-Jul-96	52 A	884.2
01U354	903.8	06-Aug-96	52 A	884.3
01U354	903.8	06-Sep-96	52 A	883.5
01U355	899.9	10-Mar-94	42 F	888.6
01U355	899.9	26-May-94	43 F	890.0
01U355	899.9	09-Jun-94	43 F	875.7
01U355	899.9	09-Jun-94	43 F	876.4
01U355	899.9	16-Jun-94	43 F	875.8
01U355	899.9	21-Jun-94	43 F	875.7
01U355	899.9	28-Jun-94	43 F	873.8
01U355	899.9	05-Jul-94	44 F	871.2
01U355	899.9	12-Jul-94	44 F	872.0
01U355	899.9	20-Jul-94	44 F	872.4
01U355	899.9	26-Jul-94	44 F	872.4
01U355	899.9	03-Aug-94	44 F	873.5
01U355	899.9	10-Aug-94	44 F	867.0
01U355	899.9	17-Aug-94	44 F	870.1
01U355	899.9	26-Aug-94	44 F	872.4
01U355	899.9	01-Sep-94	44 F	880.1
01U355	899.9	06-Sep-94	44 F	881.2
01U355	899.9	08-Sep-94	44 F	880.3
01U355	899.9	22-Sep-94	44 F	881.4
01U355	899.9	27-Sep-94	44 F	882.0
01U355	899.9	06-Oct-94	45 F	883.2
01U355	899.9	03-Nov-94	45 F	876.5
01U355	899.9	02-Dec-94	45 F	878.2
01U355	899.9	07-Jan-95	46 F	882.2
01U355	899.9	17-Feb-95	46 F	871.1
01U355	899.9	14-Mar-95	46 F	872.7
01U355	899.9	04-Apr-95	47 F	871.2
01U355	899.9	01-Jun-95	47 F	873.3
01U355	899.9	14-Jul-95	48 F	879.4
01U355	899.9	07-Aug-95	48 F	884.3
01U355	899.9	08-Sep-95	48 F	886.3
01U355	899.9	10-Oct-95	49 F	868.6
01U355	899.9	29-Nov-95	49 A	885.0
01U355	899.9	15-Dec-95	49 A	880.1
01U355	899.9	16-Jan-96	50 A	872.0
01U355	899.9	14-Feb-96	50 A	872.9
01U355	899.9	11-Mar-96	50 A	878.6
01U355	899.9	09-Apr-96	51 A	883.1
01U355	899.9	13-May-96	51 A	879.5
01U355	899.9	29-May-96	51 A	879.6
01U355	899.9	15-Jul-96	52 A	878.8
01U355	899.9	06-Aug-96	52 A	879.7
01U355	899.9	06-Sep-96	52 A	878.9
01U356	899.5	10-Mar-94	42 F	887.8
01U356	899.5	26-May-94	43 F	889.2
01U356	899.5	09-Jun-94	43 F	882.5

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U356	899.5	09-Jun-94	43 F	882.8
01U356	899.5	16-Jun-94	43 F	881.9
01U356	899.5	21-Jun-94	43 F	878.3
01U356	899.5	28-Jun-94	43 F	877.3
01U356	899.5	05-Jul-94	44 F	875.7
01U356	899.5	12-Jul-94	44 F	875.9
01U356	899.5	20-Jul-94	44 F	876.7
01U356	899.5	26-Jul-94	44 F	873.4
01U356	899.5	03-Aug-94	44 F	878.4
01U356	899.5	10-Aug-94	44 F	879.1
01U356	899.5	17-Aug-94	44 F	879.9
01U356	899.5	26-Aug-94	44 F	880.5
01U356	899.5	01-Sep-94	44 F	879.9
01U356	899.5	06-Sep-94	44 F	880.7
01U356	899.5	08-Sep-94	44 F	880.8
01U356	899.5	22-Sep-94	44 F	883.0
01U356	899.5	27-Sep-94	44 F	883.8
01U356	899.5	06-Oct-94	45 F	884.9
01U356	899.5	03-Nov-94	45 F	879.7
01U356	899.5	02-Dec-94	45 F	883.4
01U356	899.5	07-Jan-95	46 F	884.5
01U356	899.5	17-Feb-95	46 F	857.8
01U356	899.5	14-Mar-95	46 F	876.3
01U356	899.5	04-Apr-95	47 F	875.9
01U356	899.5	01-May-95	47 F	880.8
01U356	899.5	01-Jun-95	47 F	883.3
01U356	899.5	14-Jul-95	48 F	877.2
01U356	899.5	07-Aug-95	48 F	880.5
01U356	899.5	08-Sep-95	48 F	884.9
01U356	899.5	10-Oct-95	49 F	873.4
01U356	899.5	29-Nov-95	49 A	884.4
01U356	899.5	15-Dec-95	49 A	882.6
01U356	899.5	16-Jan-96	50 A	872.9
01U356	899.5	14-Feb-96	50 A	878.1
01U356	899.5	11-Mar-96	50 A	880.8
01U356	899.5	09-Apr-96	51 A	883.4
01U356	899.5	13-May-96	51 A	884.4
01U356	899.5	29-May-96	51 A	876.9
01U356	899.5	15-Jul-96	52 A	876.7
01U356	899.5	06-Aug-96	52 A	878.3
01U356	899.5	06-Sep-96	52 A	878.7
01U357	899.1	10-Mar-94	42 F	886.8
01U357	899.1	26-May-94	43 F	888.0
01U357	899.1	09-Jun-94	43 F	877.2
01U357	899.1	09-Jun-94	43 F	876.8
01U357	899.1	16-Jun-94	43 F	878.4
01U357	899.1	21-Jun-94	43 F	875.7
01U357	899.1	28-Jun-94	43 F	875.5
01U357	899.1	05-Jul-94	44 F	874.9
01U357	899.1	12-Jul-94	44 F	876.6
01U357	899.1	20-Jul-94	44 F	877.4
01U357	899.1	26-Jul-94	44 F	878.1
01U357	899.1	03-Aug-94	44 F	878.9
01U357	899.1	10-Aug-94	44 F	880.1
01U357	899.1	17-Aug-94	44 F	881.3
01U357	899.1	26-Aug-94	44 F	882.4
01U357	899.1	01-Sep-94	44 F	878.9
01U357	899.1	06-Sep-94	44 F	879.7
01U357	899.1	08-Sep-94	44 F	879.8
01U357	899.1	22-Sep-94	44 F	881.3
01U357	899.1	27-Sep-94	44 F	882.2
01U357	899.1	06-Oct-94	45 F	885.5
01U357	899.1	03-Nov-94	45 F	871.7
01U357	899.1	02-Dec-94	45 F	878.9
01U357	899.1	07-Jan-95	46 F	883.3
01U357	899.1	17-Feb-95	46 F	869.5
01U357	899.1	07-Mar-95	46 F	869.4
01U357	899.1	04-Apr-95	47 F	876.5
01U357	899.1	01-May-95	47 F	876.2
01U357	899.1	01-Jun-95	47 F	876.4
01U357	899.1	14-Jul-95	48 F	875.1
01U357	899.1	07-Aug-95	48 F	877.6
01U357	899.1	08-Sep-95	48 F	881.0
01U357	899.1	10-Oct-95	49 F	872.6
01U357	899.1	29-Nov-95	49 A	877.9
01U357	899.1	15-Dec-95	49 A	878.6
01U357	899.1	16-Jan-96	50 A	870.4
01U357	899.1	14-Feb-96	50 A	869.4
01U357	899.1	11-Mar-96	50 A	870.8
01U357	899.1	09-Apr-96	51 A	881.0
01U357	899.1	13-May-96	51 A	876.2
01U357	899.1	29-May-96	51 A	877.7
01U357	899.1	15-Jul-96	52 A	877.2
01U357	899.1	06-Aug-96	52 A	874.0
01U357	899.1	06-Sep-96	52 A	875.7
01U358	898.3	10-Mar-94	42 F	886.0
01U358	898.3	26-May-94	43 F	887.1
01U358	898.3	09-Jun-94	43 F	880.0
01U358	898.3	09-Jun-94	43 F	880.2
01U358	898.3	16-Jun-94	43 F	880.4
01U358	898.3	21-Jun-94	43 F	880.4
01U358	898.3	28-Jun-94	43 F	880.2
01U358	898.3	05-Jul-94	44 F	879.2
01U358	898.3	12-Jul-94	44 F	879.3
01U358	898.3	20-Jul-94	44 F	880.1
01U358	898.3	26-Jul-94	44 F	880.4
01U358	898.3	03-Aug-94	44 F	880.5
01U358	898.3	10-Aug-94	44 F	880.9
01U358	898.3	17-Aug-94	44 F	881.1
01U358	898.3	26-Aug-94	44 F	881.1
01U358	898.3	01-Sep-94	44 F	880.7
01U358	898.3	06-Sep-94	44 F	881.2
01U358	898.3	08-Sep-94	44 F	881.3
01U358	898.3	22-Sep-94	44 F	881.4
01U358	898.3	27-Sep-94	44 F	881.7
01U358	898.3	06-Oct-94	45 F	884.2
01U358	898.3	03-Nov-94	45 F	874.0
01U358	898.3	02-Dec-94	45 F	877.1
01U358	898.3	07-Jan-95	46 F	878.0
01U358	898.3	17-Feb-95	46 F	879.4
01U358	898.3	07-Mar-95	46 F	879.6
01U358	898.3	04-Apr-95	47 F	880.0
01U358	898.3	01-May-95	47 F	882.2
01U358	898.3	01-Jun-95	47 F	881.0
01U358	898.3	14-Jul-95	48 F	877.3
01U358	898.3	07-Aug-95	48 F	877.7
01U358	898.3	08-Sep-95	48 F	877.7
01U358	898.3	10-Oct-95	49 F	875.7
01U358	898.3	29-Nov-95	49 A	878.6
01U358	898.3	15-Dec-95	49 A	878.9
01U358	898.3	16-Jan-96	50 A	872.0
01U358	898.3	14-Feb-96	50 A	876.7
01U358	898.3	11-Mar-96	50 A	878.2
01U358	898.3	09-Apr-96	51 A	880.3
01U358	898.3	13-May-96	51 A	877.0
01U358	898.3	29-May-96	51 A	879.0
01U358	898.3	15-Jul-96	52 A	876.5
01U358	898.3	06-Aug-96	52 A	878.7
01U358	898.3	06-Sep-96	52 A	877.7
01U524	909.7	17-Mar-94	42 F	904.5
01U524	909.7	08-Mar-95	46 F	903.2
01U524	909.7	29-May-96	51 A	906.4
01U525	942.2	17-Mar-94	42 F	935.3
01U525	942.2	08-Mar-95	46 F	934.2
01U525	942.2	29-May-96	51 A	935.6
01U526	938.8	17-Mar-94	42 F	929.6
01U526	938.8	10-Mar-95	46 F	928.9
01U526	938.8	29-May-96	51 A	931.0
01U527	912.2	17-Mar-94	42 F	908.4
01U527	912.2	08-Mar-95	46 F	903.9
01U527	912.2	29-May-96	51 A	908.2

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U601	889.2	08-Sep-93	40 A	884.4
01U601	889.2	01-Mar-94	42 A	883.5
01U601	889.2	06-Sep-94	44 A	883.5
01U601	889.2	06-Mar-95	46 A	882.9
01U601	889.2	05-Sep-95	48 A	883.8
01U601	889.2	03-Jun-96	51 A	882.8
01U601	889.2	03-Sep-96	52 A	882.1
01U602	889.7	08-Sep-93	40 A	883.9
01U602	889.7	01-Mar-94	42 A	883.2
01U602	889.7	06-Sep-94	44 A	883.1
01U602	889.7	06-Mar-95	46 A	882.5
01U602	889.7	05-Sep-95	48 A	883.2
01U602	889.7	03-Jun-96	51 A	886.0
01U602	889.7	03-Sep-96	52 A	885.4
01U603	884.8	08-Sep-93	40 A	879.2
01U603	884.8	01-Mar-94	42 A	876.1
01U603	884.8	06-Sep-94	44 A	876.6
01U603	884.8	06-Mar-95	46 A	876.1
01U603	884.8	05-Sep-95	48 A	877.5
01U603	884.8	03-Jun-96	51 A	878.4
01U603	884.8	03-Sep-96	52 A	876.0
01U604	885.5	08-Sep-93	40 A	878.7
01U604	885.5	01-Mar-94	42 A	876.7
01U604	885.5	06-Sep-94	44 A	875.9
01U604	885.5	06-Mar-95	46 A	876.6
01U604	885.5	05-Sep-95	48 A	876.9
01U604	885.5	03-Jun-96	51 A	876.5
01U604	885.5	03-Sep-96	52 A	874.5
01U605	884.7	08-Sep-93	40 A	878.4
01U605	884.7	01-Mar-94	42 A	876.3
01U605	884.7	06-Sep-94	44 A	876.7
01U605	884.7	06-Mar-95	46 A	DRY
01U605	884.7	05-Sep-95	48 A	877.8
01U605	884.7	03-Jun-96	51 A	877.3
01U605	884.7	03-Sep-96	52 A	875.5
01U607	888.5	08-Sep-93	40 A	884.8
01U607	888.5	01-Mar-94	42 A	883.7
01U607	888.5	06-Sep-94	44 A	881.9
01U607	888.5	06-Mar-95	46 A	882.3
01U607	888.5	05-Sep-95	48 A	883.6
01U607	888.5	03-Jun-96	51 A	884.6
01U607	888.5	03-Sep-96	52 A	879.3
01U608	889.7	08-Sep-93	40 A	884.2
01U608	889.7	01-Mar-94	42 A	882.8
01U608	889.7	06-Sep-94	44 A	882.8
01U608	889.7	06-Mar-95	46 A	882.2
01U608	889.7	05-Sep-95	48 A	883.4
01U608	889.7	03-Jun-96	51 A	886.2
01U608	889.7	03-Sep-96	52 A	885.4
01U609	889.7	08-Sep-93	40 A	883.9
01U609	889.7	01-Mar-94	42 A	883.1
01U609	889.7	06-Sep-94	44 A	883.1
01U609	889.7	06-Mar-95	46 A	882.4
01U609	889.7	05-Sep-95	48 A	883.3
01U609	889.7	03-Jun-96	51 A	886.1
01U609	889.7	03-Sep-96	52 A	885.5
01U611	889.7	08-Sep-93	40 A	884.2
01U611	889.7	01-Mar-94	42 A	883.3
01U611	889.7	06-Sep-94	44 A	883.2
01U611	889.7	06-Mar-95	46 A	882.8
01U611	889.7	05-Sep-95	48 A	883.5
01U611	889.7	03-Jun-96	51 A	886.4
01U611	889.7	03-Sep-96	52 A	885.9
01U612	885.9	08-Sep-93	40 A	878.7
01U612	885.9	01-Mar-94	42 A	886.9
01U612	885.9	06-Sep-94	44 A	876.9
01U612	885.9	06-Mar-95	46 A	DRY
01U612	885.9	05-Sep-95	48 A	877.6
01U612	885.9	03-Jun-96	51 A	879.4
01U612	885.9	03-Sep-96	52 A	877.8
01U613	888.8	08-Sep-93	40 A	884.1
01U613	888.8	01-Mar-94	42 A	883.4
01U613	888.8	06-Sep-94	44 A	883.0
01U613	888.8	06-Mar-95	46 A	882.0
01U613	888.8	05-Sep-95	48 A	883.4
01U613	888.8	03-Jun-96	51 A	882.9
01U613	888.8	03-Sep-96	52 A	881.2
01U615	885.9	08-Sep-93	40 A	878.7
01U615	885.9	01-Mar-94	42 A	874.9
01U615	885.9	06-Sep-94	44 A	875.4
01U615	885.9	06-Mar-95	46 A	874.8
01U615	885.9	05-Sep-95	48 A	876.7
01U615	885.9	03-Jun-96	51 A	876.4
01U615	885.9	03-Sep-96	52 A	874.8
01U616	888.8	08-Sep-93	40 A	880.8
01U616	888.8	01-Mar-94	42 A	877.4
01U616	888.8	06-Sep-94	44 A	877.9
01U616	888.8	06-Mar-95	46 A	876.9
01U616	888.8	05-Sep-95	48 A	879.1
01U616	888.8	03-Jun-96	51 A	880.5
01U616	888.8	03-Sep-96	52 A	878.7
01U617	885.2	08-Sep-93	40 A	879.0
01U617	885.2	01-Mar-94	42 A	875.4
01U617	885.2	06-Sep-94	44 A	876.0
01U617	885.2	06-Mar-95	46 A	875.2
01U617	885.2	05-Sep-95	48 A	877.3
01U617	885.2	03-Jun-96	51 A	877.3
01U617	885.2	03-Sep-96	52 A	875.7
01U618	888.8	08-Sep-93	40 A	882.8
01U618	888.8	01-Mar-94	42 A	876.3
01U618	888.8	06-Sep-94	44 A	876.9
01U618	888.8	06-Mar-95	46 A	878.8
01U618	888.8	05-Sep-95	48 A	881.2
01U618	888.8	03-Jun-96	51 A	879.5
01U618	888.8	03-Sep-96	52 A	877.8
01U619	889.1	08-Sep-93	40 A	884.0
01U619	889.1	01-Mar-94	42 A	882.2
01U619	889.1	06-Sep-94	44 A	882.5
01U619	889.1	06-Mar-95	46 A	881.2
01U619	889.1	05-Sep-95	48 A	883.1
01U619	889.1	03-Jun-96	51 A	883.1
01U619	889.1	03-Sep-96	52 A	881.9
01U620	887.1	08-Sep-93	40 A	878.6
01U620	887.1	01-Mar-94	42 A	877.7
01U620	887.1	06-Sep-94	44 A	878.3
01U620	887.1	06-Mar-95	46 A	874.3
01U620	887.1	05-Sep-95	48 A	876.9
01U620	887.1	03-Jun-96	51 A	879.6
01U620	887.1	03-Sep-96	52 A	877.9
01U621	884.5	08-Sep-93	40 A	879.8
01U621	884.5	01-Mar-94	42 A	876.2
01U621	884.5	06-Sep-94	44 A	876.9
01U621	884.5	06-Mar-95	46 A	875.9
01U621	884.5	05-Sep-95	48 A	878.3
01U621	884.5	03-Jun-96	51 A	878.7
01U621	884.5	03-Sep-96	52 A	877.1
01U622	889.7	01-Mar-94	42 A	Obstructed
01U622	889.7	06-Sep-94	44 A	Obstructed
01U623	889.7	08-Sep-93	40 A	879.1

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U623	889.7	01-Mar-94	42 A	Obstructed
01U623	889.7	06-Sep-94	44 A	Obstructed
01U624A	886.6	08-Sep-93	40 A	880.0
01U624A	886.6	01-Mar-94	42 A	DRY
01U624A	886.6	06-Sep-94	44 A	DRY
01U624A	886.6	06-Mar-95	46 A	DRY
01U624A	886.6	05-Sep-95	48 A	878.2
01U624A	886.6	03-Jun-96	51 A	877.5
01U624A	886.6	03-Sep-96	52 A	DRY
01U624B	886.6	08-Sep-93	40 A	880.0
01U624B	886.6	01-Mar-94	42 A	876.2
01U624B	886.6	06-Sep-94	44 A	876.8
01U624B	886.6	06-Mar-95	46 A	875.9
01U624B	886.6	05-Sep-95	48 A	878.2
01U624B	886.6	03-Jun-96	51 A	877.5
01U624B	886.6	03-Sep-96	52 A	875.8
01U624C	886.6	08-Sep-93	40 A	880.0
01U624C	886.6	01-Mar-94	42 A	876.2
01U624C	886.6	06-Sep-94	44 A	876.8
01U624C	886.6	06-Mar-95	46 A	876.0
01U624C	886.6	05-Sep-95	48 A	878.2
01U624C	886.6	03-Jun-96	51 A	877.5
01U624C	886.6	03-Sep-96	52 A	875.8
01U624D	886.6	08-Sep-93	40 A	880.0
01U624D	886.6	01-Mar-94	42 A	876.2
01U624D	886.6	06-Sep-94	44 A	876.8
01U624D	886.6	06-Mar-95	46 A	875.9
01U624D	886.6	05-Sep-95	48 A	878.2
01U624D	886.6	03-Jun-96	51 A	877.5
01U624D	886.6	03-Sep-96	52 A	875.8
01U625A	885.5	08-Sep-93	40 A	879.3
01U625A	885.5	01-Mar-94	42 A	875.4
01U625A	885.5	06-Sep-94	44 A	876.0
01U625A	885.5	06-Mar-95	46 A	875.2
01U625A	885.5	05-Sep-95	48 A	877.4
01U625A	885.5	03-Jun-96	51 A	878.4
01U625A	885.5	03-Sep-96	52 A	876.8
01U625B	885.5	08-Sep-93	40 A	879.3
01U625B	885.5	01-Mar-94	42 A	875.4
01U625B	885.5	06-Sep-94	44 A	876.0
01U625B	885.5	06-Mar-95	46 A	875.2
01U625B	885.5	05-Sep-95	48 A	877.4
01U625B	885.5	03-Jun-96	51 A	878.4
01U625B	885.5	03-Sep-96	52 A	876.8
01U625C	885.5	08-Sep-93	40 A	879.3
01U625C	885.5	01-Mar-94	42 A	875.4
01U625C	885.5	06-Sep-94	44 A	876.0
01U625C	885.5	06-Mar-95	46 A	875.2
01U625C	885.5	05-Sep-95	48 A	877.4
01U625C	885.5	03-Jun-96	51 A	878.4
01U625C	885.5	03-Sep-96	52 A	876.8
01U625D	885.5	08-Sep-93	40 A	879.3
01U625D	885.5	01-Mar-94	42 A	875.4
01U625D	885.5	06-Sep-94	44 A	876.0
01U625D	885.5	06-Mar-95	46 A	875.2
01U625D	885.5	05-Sep-95	48 A	877.4
01U625D	885.5	03-Jun-96	51 A	878.4
01U625D	885.5	03-Sep-96	52 A	876.8
01U626A	885.3	08-Sep-93	40 A	878.9
01U626A	885.3	01-Mar-94	42 A	875.4
01U626A	885.3	06-Sep-94	44 A	876.0
01U626A	885.3	06-Mar-95	46 A	875.9
01U626A	885.3	05-Sep-95	48 A	877.3
01U626A	885.3	03-Jun-96	51 A	878.3
01U626A	885.3	03-Sep-96	52 A	876.4
01U626B	885.3	08-Sep-93	40 A	878.9
01U626B	885.3	01-Mar-94	42 A	875.1
01U626B	885.3	06-Sep-94	44 A	875.6
01U626B	885.3	06-Mar-95	46 A	875.0
01U626B	885.3	05-Sep-95	48 A	877.1
01U626B	885.3	03-Jun-96	51 A	877.8
01U626B	885.3	03-Sep-96	52 A	876.2
01U626C	885.3	08-Sep-93	40 A	879.0
01U626C	885.3	01-Mar-94	42 A	875.1
01U626C	885.3	06-Sep-94	44 A	875.7
01U626C	885.3	06-Mar-95	46 A	875.0
01U626C	885.3	05-Sep-95	48 A	877.1
01U626C	885.3	03-Jun-96	51 A	877.9
01U626C	885.3	03-Sep-96	52 A	876.3
01U626D	885.3	08-Sep-93	40 A	879.0
01U626D	885.3	01-Mar-94	42 A	875.2
01U626D	885.3	06-Sep-94	44 A	875.7
01U626D	885.3	06-Mar-95	46 A	875.1
01U626D	885.3	05-Sep-95	48 A	877.2
01U626D	885.3	03-Jun-96	51 A	877.9
01U626D	885.3	03-Sep-96	52 A	876.4
01U627A	884.9	08-Sep-93	40 A	879.3
01U627A	884.9	01-Mar-94	42 A	876.4
01U627A	884.9	06-Sep-94	44 A	877.1
01U627A	884.9	06-Mar-95	46 A	877.2
01U627A	884.9	05-Sep-95	48 A	878.1
01U627A	884.9	03-Jun-96	51 A	879.5
01U627A	884.9	03-Sep-96	52 A	877.4
01U627B	884.9	08-Sep-93	40 A	879.1
01U627B	884.9	01-Mar-94	42 A	875.4
01U627B	884.9	06-Sep-94	44 A	875.9
01U627B	884.9	06-Mar-95	46 A	875.4
01U627B	884.9	05-Sep-95	48 A	877.3
01U627B	884.9	03-Jun-96	51 A	878.1
01U627B	884.9	03-Sep-96	52 A	876.6
01U627C	884.9	08-Sep-93	40 A	879.1
01U627C	884.9	01-Mar-94	42 A	875.3
01U627C	884.9	06-Sep-94	44 A	875.8
01U627C	884.9	06-Mar-95	46 A	875.2
01U627C	884.9	05-Sep-95	48 A	877.3
01U627C	884.9	03-Jun-96	51 A	878.0
01U627C	884.9	03-Sep-96	52 A	876.5
01U627D	884.9	08-Sep-93	40 A	879.1
01U627D	884.9	01-Mar-94	42 A	875.3
01U627D	884.9	06-Sep-94	44 A	875.9
01U627D	884.9	06-Mar-95	46 A	875.2
01U627D	884.9	05-Sep-95	48 A	877.3
01U627D	884.9	03-Jun-96	51 A	878.0
01U627D	884.9	03-Sep-96	52 A	876.5
01U628A	877.8	08-Sep-93	40 A	879.4
01U628A	877.8	01-Mar-94	42 A	875.9
01U628A	877.8	06-Sep-94	44 A	876.8
01U628A	877.8	06-Mar-95	46 A	865.7
01U628A	877.8	05-Sep-95	48 A	868.0
01U628A	877.8	03-Jun-96	51 A	870.6
01U628A	877.8	03-Sep-96	52 A	868.9
01U628B	877.8	08-Sep-93	40 A	879.3
01U628B	877.8	01-Mar-94	42 A	875.7
01U628B	877.8	06-Sep-94	44 A	876.5
01U628B	877.8	06-Mar-95	46 A	865.6
01U628B	877.8	05-Sep-95	48 A	867.8
01U628B	877.8	03-Jun-96	51 A	870.3
01U628B	877.8	03-Sep-96	52 A	868.7
01U628C	877.8	08-Sep-93	40 A	879.2

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U628C	877.8	01-Mar-94	42 A	875.6
01U628C	877.8	06-Sep-94	44 A	876.2
01U628C	877.8	06-Mar-95	46 A	865.4
01U628C	877.8	05-Sep-95	48 A	867.5
01U628C	877.8	03-Jun-96	51 A	870.0
01U628C	877.8	03-Sep-96	52 A	868.4
01U628D	877.8	08-Sep-93	40 A	879.2
01U628D	877.8	01-Mar-94	42 A	875.6
01U628D	877.8	06-Sep-94	44 A	876.2
01U628D	877.8	06-Mar-95	46 A	865.4
01U628D	877.8	05-Sep-95	48 A	867.5
01U628D	877.8	03-Jun-96	51 A	870.0
01U628D	877.8	03-Sep-96	52 A	868.4
01U636	953.8	10-Sep-93	40 A	943.1
01U636	953.8	11-Mar-94	42 A	DRY
01U636	953.8	02-Sep-94	44 A	939.9
01U636	953.8	09-Mar-95	46 A	DRY
01U636	953.8	07-Sep-95	48 A	941.7
01U636	953.8	28-May-96	51 A	943.6
01U636	953.8	05-Sep-96	52 A	935.9
01U639	955.9	10-Sep-93	40 A	DRY
01U639	955.9	11-Mar-94	42 A	952.6
01U639	955.9	02-Sep-94	44 A	DRY
01U639	955.9	09-Mar-95	46 A	DRY
01U639	955.9	07-Sep-95	48 A	DRY
01U639	955.9	28-May-96	51 A	DRY
01U639	955.9	05-Sep-96	52 A	DRY
01U640	958.0	10-Sep-93	40 A	948.8
01U640	958.0	11-Mar-94	42 A	DRY
01U640	958.0	02-Sep-94	44 A	948.1
01U640	958.0	09-Mar-95	46 A	DRY
01U640	958.0	07-Sep-95	48 A	948.1
01U640	958.0	28-May-96	51 A	951.1
01U640	958.0	05-Sep-96	52 A	946.5
01U901	901.5	16-Aug-93	40 F	889.5
01U901	901.5	08-Sep-93	40 F	887.8
01U901	901.5	29-Oct-93	41 F	886.3
01U901	901.5	16-Dec-93	41 F	885.8
01U901	901.5	17-Feb-94	42 F	884.8
01U901	901.5	11-Mar-94	42 F	884.5
01U901	901.5	27-Apr-94	43 F	884.6
01U901	901.5	10-Jun-94	43 F	885.7
01U901	901.5	16-Jun-94	43 F	885.6
01U901	901.5	21-Jun-94	43 F	885.4
01U901	901.5	28-Jun-94	43 F	885.2
01U901	901.5	05-Jul-94	44 F	884.9
01U901	901.5	12-Jul-94	44 F	884.8
01U901	901.5	20-Jul-94	44 F	884.6
01U901	901.5	26-Jul-94	44 F	884.5
01U901	901.5	03-Aug-94	44 F	884.3
01U901	901.5	10-Aug-94	44 F	884.2
01U901	901.5	17-Aug-94	44 F	884.1
01U901	901.5	26-Aug-94	44 F	883.9
01U901	901.5	01-Sep-94	44 F	883.8
01U901	901.5	06-Sep-94	44 F	883.7
01U901	901.5	12-Sep-94	44 F	883.6
01U901	901.5	22-Sep-94	44 F	883.5
01U901	901.5	27-Sep-94	44 F	883.5
01U901	901.5	06-Oct-94	45 F	883.4
01U901	901.5	03-Nov-94	45 F	883.0
01U901	901.5	02-Dec-94	45 F	882.8
01U901	901.5	07-Jan-95	46 F	882.5
01U901	901.5	17-Feb-95	46 F	882.3
01U901	901.5	07-Mar-95	46 F	882.1
01U901	901.5	04-Apr-95	47 F	881.9
01U901	901.5	01-May-95	47 F	882.2
01U901	901.5	01-Jun-95	47 F	882.7
01U901	901.5	12-Jul-95	48 F	883.5
01U901	901.5	08-Aug-95	48 F	883.4
01U901	901.5	07-Sep-95	48 F	883.4
01U901	901.5	10-Oct-95	49 F	882.8
01U901	901.5	29-Nov-95	49 A	882.9
01U901	901.5	15-Dec-95	49 A	882.7
01U901	901.5	16-Jan-96	50 A	882.5
01U901	901.5	14-Feb-96	50 A	882.1
01U901	901.5	11-Mar-96	50 A	881.9
01U901	901.5	09-Apr-96	51 A	882.2
01U901	901.5	13-May-96	51 A	882.6
01U901	901.5	29-May-96	51 A	882.9
01U901	901.5	15-Jul-96	52 A	883.1
01U901	901.5	06-Aug-96	52 A	882.8
01U901	901.5	06-Sep-96	52 A	882.2
01U902	901.3	16-Aug-93	40 F	891.8
01U902	901.3	29-Oct-93	40 F	889.7
01U902	901.3	29-Oct-93	41 F	889.7
01U902	901.3	16-Dec-93	41 F	889.0
01U902	901.3	17-Feb-94	42 F	888.0
01U902	901.3	23-Mar-94	42 F	887.8
01U902	901.3	27-Apr-94	43 F	887.3
01U902	901.3	10-Jun-94	43 F	888.1
01U902	901.3	16-Jun-94	43 F	887.7
01U902	901.3	21-Jun-94	43 F	887.4
01U902	901.3	28-Jun-94	43 F	887.2
01U902	901.3	05-Jul-94	44 F	886.8
01U902	901.3	12-Jul-94	44 F	886.6
01U902	901.3	20-Jul-94	44 F	886.4
01U902	901.3	26-Jul-94	44 F	886.3
01U902	901.3	03-Aug-94	44 F	886.1
01U902	901.3	10-Aug-94	44 F	886.0
01U902	901.3	17-Aug-94	44 F	885.9
01U902	901.3	26-Aug-94	44 F	885.8
01U902	901.3	01-Sep-94	44 F	885.8
01U902	901.3	06-Sep-94	44 F	885.7
01U902	901.3	12-Sep-94	44 F	885.8
01U902	901.3	22-Sep-94	44 F	885.6
01U902	901.3	27-Sep-94	44 F	885.6
01U902	901.3	06-Oct-94	45 F	885.6
01U902	901.3	03-Nov-94	45 F	884.8
01U902	901.3	02-Dec-94	45 F	884.6
01U902	901.3	07-Jan-95	46 F	884.7
01U902	901.3	17-Feb-95	46 F	884.5
01U902	901.3	07-Mar-95	46 F	884.1
01U902	901.3	04-Apr-95	47 F	883.2
01U902	901.3	01-May-95	47 F	884.1
01U902	901.3	01-Jun-95	47 F	884.4
01U902	901.3	12-Jul-95	48 F	885.2
01U902	901.3	08-Aug-95	48 F	885.6
01U902	901.3	07-Sep-95	48 F	885.9
01U902	901.3	10-Oct-95	49 F	884.2
01U902	901.3	29-Nov-95	49 A	884.8
01U902	901.3	15-Dec-95	49 A	884.8
01U902	901.3	16-Jan-96	50 A	884.0
01U902	901.3	14-Feb-96	50 A	883.5
01U902	901.3	11-Mar-96	50 A	884.1
01U902	901.3	09-Apr-96	51 A	884.2
01U902	901.3	13-May-96	51 A	884.7
01U902	901.3	29-May-96	51 A	884.5
01U902	901.3	15-Jul-96	52 A	884.8
01U902	901.3	06-Aug-96	52 A	884.6
01U902	901.3	06-Sep-96	52 A	884.0
01U903	903.7	11-Mar-94	42 F	889.3
01U903	903.7	10-Jun-94	43 F	889.7
01U903	903.7	16-Jun-94	43 F	889.4
01U903	903.7	21-Jun-94	43 F	889.2
01U903	903.7	28-Jun-94	43 F	889.0
01U903	903.7	05-Jul-94	44 F	888.7
01U903	903.7	12-Jul-94	44 F	888.5
01U903	903.7	20-Jul-94	44 F	888.4
01U903	903.7	26-Jul-94	44 F	888.2
01U903	903.7	03-Aug-94	44 F	887.9
01U903	903.7	10-Aug-94	44 F	887.7

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
01U903	903.7	17-Aug-94	44 F	887.6
01U903	903.7	26-Aug-94	44 F	887.5
01U903	903.7	01-Sep-94	44 F	887.4
01U903	903.7	06-Sep-94	44 F	887.3
01U903	903.7	12-Sep-94	44 F	887.2
01U903	903.7	22-Sep-94	44 F	887.1
01U903	903.7	27-Sep-94	44 F	887.1
01U903	903.7	06-Oct-94	45 F	889.0
01U903	903.7	03-Nov-94	45 F	886.5
01U903	903.7	02-Dec-94	45 F	886.4
01U903	903.7	07-Jan-95	46 F	886.4
01U903	903.7	17-Feb-95	46 F	886.0
01U903	903.7	07-Mar-95	46 F	885.5
01U903	903.7	04-Apr-95	47 F	885.2
01U903	903.7	01-May-95	47 F	886.1
01U903	903.7	01-Jun-95	47 F	886.2
01U903	903.7	12-Jul-95	48 F	887.2
01U903	903.7	08-Aug-95	48 F	887.0
01U903	903.7	07-Sep-95	48 F	887.6
01U903	903.7	10-Oct-95	49 F	886.2
01U903	903.7	29-Nov-95	49 A	886.7
01U903	903.7	15-Dec-95	49 A	886.6
01U903	903.7	16-Jan-96	50 A	885.8
01U903	903.7	14-Feb-96	50 A	885.3
01U903	903.7	11-Mar-96	50 A	885.3
01U903	903.7	09-Apr-96	51 A	885.9
01U903	903.7	13-May-96	51 A	886.4
01U903	903.7	29-May-96	51 A	886.3
01U903	903.7	15-Jul-96	52 A	886.5
01U903	903.7	06-Aug-96	52 A	886.3
01U903	903.7	06-Sep-96	52 A	885.6
01U904	899.4	11-Mar-94	42 F	885.9
01U904	899.4	10-Jun-94	43 F	886.5
01U904	899.4	16-Jun-94	43 F	886.3
01U904	899.4	21-Jun-94	43 F	886.1
01U904	899.4	28-Jun-94	43 F	885.9
01U904	899.4	05-Jul-94	44 F	885.6
01U904	899.4	12-Jul-94	44 F	885.5
01U904	899.4	20-Jul-94	44 F	885.3
01U904	899.4	26-Jul-94	44 F	885.2
01U904	899.4	03-Aug-94	44 F	885.1
01U904	899.4	10-Aug-94	44 F	885.0
01U904	899.4	17-Aug-94	44 F	884.9
01U904	899.4	26-Aug-94	44 F	884.7
01U904	899.4	01-Sep-94	44 F	884.5
01U904	899.4	06-Sep-94	44 F	879.4
01U904	899.4	12-Sep-94	44 F	884.5
01U904	899.4	22-Sep-94	44 F	884.4
01U904	899.4	27-Sep-94	44 F	884.3
01U904	899.4	06-Oct-94	45 F	882.3
01U904	899.4	03-Nov-94	45 F	883.5
01U904	899.4	02-Dec-94	45 F	883.3
01U904	899.4	07-Jan-95	46 F	883.2
01U904	899.4	17-Feb-95	46 F	883.0
01U904	899.4	07-Mar-95	46 F	882.7
01U904	899.4	04-Apr-95	47 F	882.4
01U904	899.4	01-May-95	47 F	883.1
01U904	899.4	01-Jun-95	47 F	883.3
01U904	899.4	12-Jul-95	48 F	884.0
01U904	899.4	08-Aug-95	48 F	884.1
01U904	899.4	07-Sep-95	48 F	884.2
01U904	899.4	10-Oct-95	49 F	883.2
01U904	899.4	29-Nov-95	49 A	883.5
01U904	899.4	15-Dec-95	49 A	883.4
01U904	899.4	16-Jan-96	50 A	882.9
01U904	899.4	14-Feb-96	50 A	882.5
01U904	899.4	11-Mar-96	50 A	882.5
01U904	899.4	09-Apr-96	51 A	882.9
01U904	899.4	13-May-96	51 A	883.3
01U904	899.4	29-May-96	51 A	883.5
01U904	899.4	15-Jul-96	52 A	883.7
01U904	899.4	06-Aug-96	52 A	883.4
01U904	899.4	06-Sep-96	52 A	882.8

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03F302	927.2	10-Sep-93	40 A	840.5
03F302	927.2	01-Mar-94	42 A	841.5
03F302	927.2	02-Sep-94	44 A	839.4
03F302	927.2	09-Mar-95	46 A	839.4
03F302	927.2	06-Sep-95	48 A	838.7
03F302	927.2	29-May-96	51 A	840.6
03F302	927.2	04-Sep-96	52 A	838.9
03F303	922.1	10-Sep-93	40 A	821.2
03F303	922.0	01-Mar-94	42 A	821.1
03F303	922.0	02-Sep-94	44 A	827.9
03F303	922.1	09-Mar-95	46 A	827.2
03F303	922.1	06-Sep-95	48 A	829.1
03F303	922.1	29-May-96	51 A	829.2
03F303	922.1	04-Sep-96	52 A	826.0
03F304	917.1	10-Sep-93	40 A	844.4
03F304	917.1	01-Mar-94	42 A	846.2
03F304	917.1	02-Sep-94	44 A	844.8
03F304	917.1	09-Mar-95	46 A	844.4
03F304	917.1	06-Sep-95	48 A	843.9
03F304	917.1	29-May-96	51 A	845.4
03F304	917.1	04-Sep-96	52 A	843.7
03F305	912.7	10-Sep-93	40 A	841.0
03F305	912.7	01-Mar-94	42 A	841.8
03F305	912.7	02-Sep-94	44 A	839.8
03F305	912.7	09-Mar-95	46 A	840.0
03F305	912.7	06-Sep-95	48 A	839.3
03F305	912.7	29-May-96	51 A	840.2
03F305	912.7	04-Sep-96	52 A	839.0
03F306	916.2	10-Sep-93	40 A	836.5
03F306	916.0	01-Mar-94	42 A	838.5
03F306	916.0	02-Sep-94	44 A	835.7
03F306	916.2	09-Mar-95	46 A	836.3
03F306	916.2	06-Sep-95	48 A	835.1
03F306	916.2	29-May-96	51 A	836.4
03F306	916.2	04-Sep-96	52 A	835.0
03F307	912.6	10-Sep-93	40 A	827.3
03F307	912.5	01-Mar-94	42 A	826.8
03F307	912.5	02-Sep-94	44 A	821.7
03F307	912.6	09-Mar-95	46 A	815.0
03F307	912.6	06-Sep-95	48 A	813.5
03F307	912.6	29-May-96	51 A	798.9
03F307	912.6	04-Sep-96	52 A	795.1
03F308	900.6	10-Sep-93	40 A	815.7
03F308	899.9	01-Mar-94	42 A	818.1
03F308	899.9	02-Sep-94	44 A	814.5
03F308	900.6	09-Mar-95	46 A	799.0
03F308	900.6	06-Sep-95	48 A	797.5
03F308	900.6	29-May-96	51 A	795.5
03F312	942.1	10-Sep-93	40 A	842.0
03F312	941.9	01-Mar-94	42 A	843.7
03F312	941.9	02-Sep-94	44 A	843.9
03F312	942.1	09-Mar-95	46 A	844.1
03F312	942.1	06-Sep-95	48 A	843.0
03F312	942.1	29-May-96	51 A	841.6
03F312	942.1	04-Sep-96	52 A	841.6
03L001	888.5	10-Sep-93	40 A	845.8
03L001	888.5	01-Mar-94	42 A	847.5
03L001	888.5	02-Sep-94	44 A	845.7
03L001	888.5	09-Mar-95	46 A	845.3
03L001	888.5	06-Sep-95	48 A	845.4
03L001	888.5	29-May-96	51 A	846.5
03L001	888.5	04-Sep-96	52 A	844.4
03L002	919.5	10-Sep-93	40 A	846.3
03L002	919.5	01-Mar-94	42 A	848.0

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03L002	919.5	02-Sep-94	44 A	846.6
03L002	919.5	09-Mar-95	46 A	846.5
03L002	919.5	06-Sep-95	48 A	846.0
03L002	919.5	29-May-96	51 A	847.3
03L002	919.5	04-Sep-96	52 A	845.8
03L003	943.4	10-Sep-93	40 A	847.7
03L003	943.4	01-Mar-94	42 A	849.5
03L003	943.4	02-Sep-94	44 A	848.8
03L003	943.4	09-Mar-95	46 A	848.7
03L003	943.4	06-Sep-95	48 A	848.2
03L003	943.4	29-May-96	51 A	849.1
03L003	943.4	04-Sep-96	52 A	848.1
03L004	950.4	10-Sep-93	40 A	851.3
03L004	950.4	01-Mar-94	42 A	853.2
03L004	950.4	02-Sep-94	44 A	852.3
03L004	950.4	09-Mar-95	46 A	852.3
03L004	950.4	06-Sep-95	48 A	851.4
03L004	950.4	29-May-96	51 A	852.7
03L004	950.4	04-Sep-96	52 A	851.5
03L005	971.6	10-Sep-93	40 A	854.1
03L005	971.6	01-Mar-94	42 A	856.2
03L005	971.6	17-Mar-94	42 F	856.7
03L005	971.6	02-Sep-94	44 A	855.3
03L005	971.6	09-Mar-95	46 A	855.6
03L005	971.6	06-Sep-95	48 A	854.5
03L005	971.6	29-May-96	51 A	855.8
03L005	971.6	04-Sep-96	52 A	854.3
03L007	901.5	10-Sep-93	40 A	856.8
03L007	901.5	01-Mar-94	42 A	858.7
03L007	901.5	11-Mar-94	42 F	858.8
03L007	901.5	02-Sep-94	44 A	857.3
03L007	901.5	09-Mar-95	46 A	858.3
03L007	901.5	06-Sep-95	48 A	857.4
03L007	901.5	29-May-96	51 A	858.2
03L007	901.5	04-Sep-96	52 A	856.0
03L010	889.1	10-Sep-93	40 A	865.9
03L010	889.1	01-Mar-94	42 A	866.7
03L010	889.1	11-Mar-94	42 F	866.7
03L010	889.1	02-Sep-94	44 A	864.9
03L010	889.1	09-Mar-95	46 A	865.7
03L010	889.1	06-Sep-95	48 A	865.0
03L010	889.1	29-May-96	51 A	866.6
03L010	889.1	04-Sep-96	52 A	862.2
03L012	879.9	10-Sep-93	40 A	858.9
03L012	879.9	01-Mar-94	42 A	860.3
03L012	879.9	02-Sep-94	44 A	858.5
03L012	879.9	09-Mar-95	46 A	859.1
03L012	879.9	06-Sep-95	48 A	857.9
03L012	879.9	29-May-96	51 A	859.5
03L012	879.9	04-Sep-96	52 A	856.2
03L013	889.7	10-Sep-93	40 A	849.9
03L013	889.9	01-Mar-94	42 A	851.7
03L013	889.9	02-Sep-94	44 A	850.0
03L013	889.9	09-Mar-95	46 A	850.1
03L013	889.9	06-Sep-95	48 A	849.0
03L013	889.9	29-May-96	51 A	850.5
03L013	889.9	04-Sep-96	52 A	848.4
03L014	989.5	10-Sep-93	40 A	854.4
03L014	989.5	01-Mar-94	42 A	856.1
03L014	989.5	02-Sep-94	44 A	855.1
03L014	989.5	09-Mar-95	46 A	855.2
03L014	989.5	06-Sep-95	48 A	855.4
03L014	989.5	29-May-96	51 A	856.5
03L014	989.5	04-Sep-96	52 A	855.3
03L017	939.1	10-Sep-93	40 A	851.1
03L017	939.1	01-Mar-94	42 A	852.8
03L017	939.1	02-Sep-94	44 A	851.6
03L017	939.1	09-Mar-95	46 A	851.7
03L017	939.1	06-Sep-95	48 A	851.1
03L017	939.1	29-May-96	51 A	852.2
03L017	939.1	04-Sep-96	52 A	850.7
03L018	989.3	10-Sep-93	40 A	854.0
03L018	989.3	01-Mar-94	42 A	855.8
03L018	989.3	02-Sep-94	44 A	854.7
03L018	989.3	09-Mar-95	46 A	854.8
03L018	989.3	06-Sep-95	48 A	854.1
03L018	989.3	29-May-96	51 A	855.2
03L018	989.3	04-Sep-96	52 A	853.8
03L020	954.5	10-Sep-93	40 A	851.2
03L020	954.5	01-Mar-94	42 A	853.0
03L020	954.5	02-Sep-94	44 A	851.9
03L020	954.5	09-Mar-95	46 A	851.9
03L020	954.5	06-Sep-95	48 A	851.1
03L020	954.5	29-May-96	51 A	852.4
03L020	954.5	04-Sep-96	52 A	851.2
03L021	944.1	10-Sep-93	40 A	848.7
03L021	944.1	01-Mar-94	42 A	850.4
03L021	944.1	02-Sep-94	44 A	849.3
03L021	944.1	09-Mar-95	46 A	849.2
03L021	944.1	06-Sep-95	48 A	848.6
03L021	944.1	29-May-96	51 A	849.8
03L021	944.1	04-Sep-96	52 A	848.5
03L027	966.9	10-Sep-93	40 A	851.5
03L027	966.9	01-Mar-94	42 A	853.2
03L027	966.9	02-Sep-94	44 A	852.2
03L027	966.9	09-Mar-95	46 A	852.2
03L027	966.9	06-Sep-95	48 A	851.5
03L027	966.9	29-May-96	51 A	852.7
03L027	966.9	04-Sep-96	52 A	851.5
03L028	956.6	10-Sep-93	40 A	850.7
03L028	956.6	01-Mar-94	42 A	852.6
03L028	956.6	02-Sep-94	44 A	851.6
03L028	956.6	09-Mar-95	46 A	851.6
03L028	956.6	06-Sep-95	48 A	850.7
03L028	956.6	29-May-96	51 A	852.1
03L028	956.6	04-Sep-96	52 A	850.8
03L029	956.8	10-Sep-93	40 A	849.4
03L029	956.8	01-Mar-94	42 A	851.4
03L029	956.8	02-Sep-94	44 A	850.4
03L029	956.8	09-Mar-95	46 A	850.4
03L029	956.8	06-Sep-95	48 A	849.6
03L029	956.8	29-May-96	51 A	850.8
03L029	956.8	04-Sep-96	52 A	849.7
03L077	912.1	10-Sep-93	40 A	844.1
03L077	912.1	01-Mar-94	42 A	845.8
03L077	912.1	02-Sep-94	44 A	844.2
03L077	912.1	09-Mar-95	46 A	844.1
03L077	912.1	06-Sep-95	48 A	843.6
03L077	912.1	29-May-96	51 A	845.0
03L077	912.1	04-Sep-96	52 A	843.3
03L078	927.7	10-Sep-93	40 A	846.4
03L078	927.7	01-Mar-94	42 A	848.0
03L078	927.7	02-Sep-94	44 A	846.9
03L078	927.7	09-Mar-95	46 A	846.7
03L078	927.7	06-Sep-95	48 A	846.3
03L078	927.7	29-May-96	51 A	847.6
03L078	927.7	04-Sep-96	52 A	846.2
03L079	923.5	10-Sep-93	40 A	846.2
03L079	923.5	01-Mar-94	42 A	847.9
03L079	923.5	02-Sep-94	44 A	846.8

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03L079	923.5	09-Mar-95	46 A	846.7
03L079	923.5	06-Sep-95	48 A	846.3
03L079	923.5	29-May-96	51 A	847.4
03L079	923.5	04-Sep-96	52 A	846.3
03L080	960.8	10-Sep-93	40 A	852.5
03L080	960.8	01-Mar-94	42 A	854.3
03L080	960.8	02-Sep-94	44 A	853.3
03L080	960.8	09-Mar-95	46 A	853.3
03L080	960.8	06-Sep-95	48 A	852.5
03L080	960.8	29-May-96	51 A	853.8
03L080	960.8	04-Sep-96	52 A	852.5
03L081	946.5	10-Sep-93	40 A	854.9
03L081	946.5	01-Mar-94	42 A	856.7
03L081	946.5	16-Mar-94	42 F	856.8
03L081	946.5	02-Sep-94	44 A	855.8
03L081	946.5	09-Mar-95	46 A	855.9
03L081	946.5	06-Sep-95	48 A	855.0
03L081	946.5	29-May-96	51 A	856.2
03L081	946.5	04-Sep-96	52 A	854.8
03L084	898.5	10-Sep-93	40 A	846.2
03L084	898.5	01-Mar-94	42 A	847.9
03L084	898.5	02-Sep-94	44 A	846.5
03L084	898.5	09-Mar-95	46 A	846.2
03L084	898.5	06-Sep-95	48 A	845.8
03L084	898.5	29-May-96	51 A	847.3
03L084	898.5	04-Sep-96	52 A	845.6
03L086	960.8	16-Mar-94	42 F	856.6
03L086	960.8	08-Mar-95	46 F	855.5
03L086	960.8	29-May-96	51 A	856.2
03L091	1008.5	15-Mar-94	42 F	859.1
03L091	1008.5	28-Mar-95	46 F	858.1
03L091	1008.5	29-May-96	51 A	857.0
03L113	974.9	10-Sep-93	40 A	856.1
03L113	974.9	01-Mar-94	42 A	857.8
03L113	974.9	15-Mar-94	42 F	858.0
03L113	974.9	02-Sep-94	44 A	856.7
03L113	974.9	09-Mar-95	46 A	857.0
03L113	974.9	06-Sep-95	48 A	856.3
03L113	974.9	29-May-96	51 A	857.3
03L113	974.9	04-Sep-96	52 A	855.7
03L137	972.5	08-Sep-93	40 F	855.8
03L137	972.6	16-Mar-94	42 F	857.4
03L137	972.6	08-Sep-94	44 F	856.4
03L137	972.6	08-Mar-95	46 F	856.3
03L137	972.6	08-Sep-95	48 F	855.8
03L137	972.6	29-May-96	51 A	856.9
03L137	972.6	06-Sep-96	52 A	855.4
03L138	965.6	08-Sep-93	40 F	855.2
03L138	965.6	16-Mar-94	42 F	856.8
03L138	965.6	08-Sep-94	44 F	855.9
03L138	965.6	22-Mar-95	46 F	856.0
03L138	965.6	08-Sep-95	48 F	855.2
03L138	965.6	29-May-96	51 A	856.3
03L138	965.6	06-Sep-96	52 A	854.8
03L673	897.7	10-Sep-93	40 A	841.7
03L673	897.7	01-Mar-94	42 A	843.2
03L673	897.7	30-Mar-94	42 A	843.0
03L673	897.7	31-Mar-94	42 A	843.4
03L673	897.7	10-Apr-94	43 A	843.2
03L673	897.7	17-Apr-94	43 A	843.0
03L673	897.7	18-Apr-94	43 A	843.9
03L673	897.7	18-Apr-94	43 A	844.0
03L673	897.7	18-Apr-94	43 A	843.9
03L673	897.7	19-Apr-94	43 A	843.1
03L673	897.7	20-Apr-94	43 A	843.1
03L673	897.7	21-Apr-94	43 A	843.1
03L673	897.7	22-Apr-94	43 A	843.2
03L673	897.7	25-Apr-94	43 A	843.6
03L673	897.7	26-Apr-94	43 A	843.8
03L673	897.7	28-Apr-94	43 A	843.0
03L673	897.7	29-Apr-94	43 A	842.9
03L673	897.7	02-May-94	43 A	843.2
03L673	897.7	09-May-94	43 A	843.3
03L673	897.7	16-May-94	43 A	842.9
03L673	897.7	23-May-94	43 A	843.2
03L673	897.7	20-Jun-94	43 A	842.8
03L673	897.7	19-Jul-94	44 A	844.3
03L673	897.7	02-Sep-94	44 A	841.9
03L673	897.7	10-Oct-94	45 A	842.2
03L673	897.7	10-Oct-94	45 A	842.2
03L673	897.7	27-Jan-95	46 A	842.8
03L673	897.7	06-Mar-95	46 A	842.7
03L673	897.7	09-Mar-95	46 A	842.1
03L673	897.7	21-Jun-95	47 A	843.3
03L673	897.7	05-Sep-95	48 A	841.9
03L673	897.7	06-Sep-95	48 A	841.3
03L673	897.7	14-Dec-95	49 A	842.7
03L673	897.7	05-Mar-96	50 A	842.8
03L673	897.7	28-May-96	51 A	843.4
03L673	897.7	16-Sep-96	52 A	841.6
03L802	907.6	10-Sep-93	40 A	846.3
03L802	907.6	01-Mar-94	42 A	847.9
03L802	907.6	02-Sep-94	44 A	846.9
03L802	907.6	09-Mar-95	46 A	847.0
03L802	907.6	06-Sep-95	48 A	846.4
03L802	907.6	29-May-96	51 A	847.7
03L802	907.6	04-Sep-96	52 A	846.4
03L806	909.6	10-Sep-93	40 A	843.9
03L806	909.6	01-Mar-94	42 A	845.5
03L806	909.6	02-Sep-94	44 A	844.0
03L806	909.6	09-Mar-95	46 A	844.0
03L806	909.6	06-Sep-95	48 A	843.3
03L806	909.6	29-May-96	51 A	844.8
03L806	909.6	04-Sep-96	52 A	843.0
03L809	911.9	10-Sep-93	40 A	845.3
03L809	911.9	01-Mar-94	42 A	846.9
03L809	911.9	17-Mar-94	42 F	846.6
03L809	911.9	02-Sep-94	44 A	845.4
03L809	911.9	09-Mar-95	46 A	845.4
03L809	911.9	06-Sep-95	48 A	844.7
03L809	911.9	29-May-96	51 A	846.3
03L809	911.9	04-Sep-96	52 A	844.4
03L811	908.4	18-Mar-94	42 F	844.9
03L811	908.4	23-Mar-95	46 F	843.0
03L811	908.4	29-May-96	51 A	842.7
03L811	908.4	06-Sep-96	52 A	841.0
03L822	876.6	18-Mar-94	42 F	836.1
03L822	876.6	15-Mar-95	46 F	834.4
03L822	876.6	29-May-96	51 A	835.2
03L822	876.6	06-Sep-96	52 A	829.6
03L832	884.6	30-Mar-94	42 A	834.6
03L832	884.6	31-Mar-94	42 A	834.9
03L832	884.6	10-Apr-94	43 A	834.9
03L832	884.6	17-Apr-94	43 A	835.0
03L832	884.6	18-Apr-94	43 A	835.3
03L832	884.6	18-Apr-94	43 A	835.4
03L832	884.6	18-Apr-94	43 A	835.4
03L832	884.6	19-Apr-94	43 A	834.7
03L832	884.6	20-Apr-94	43 A	834.9
03L832	884.6	21-Apr-94	43 A	835.0
03L832	884.6	22-Apr-94	43 A	835.1
03L832	884.6	25-Apr-94	43 A	835.2
03L832	884.6	26-Apr-94	43 A	835.3

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03L832	884.6	28-Apr-94	43 A	834.6
03L832	884.6	29-Apr-94	43 A	834.7
03L832	884.6	02-May-94	43 A	835.1
03L832	884.6	09-May-94	43 A	834.9
03L832	884.6	16-May-94	43 A	834.3
03L832	884.6	23-May-94	43 A	834.1
03L832	884.6	20-Jun-94	43 A	833.3
03L832	884.6	19-Jul-94	44 A	833.3
03L832	884.6	10-Oct-94	45 A	832.5
03L832	884.6	27-Jan-95	46 A	833.2
03L832	884.6	06-Mar-95	46 A	833.5
03L832	884.6	21-Jun-95	47 A	832.8
03L832	884.6	05-Sep-95	48 A	832.4
03L832	884.6	14-Dec-95	49 A	833.1
03L832	884.6	05-Mar-96	50 A	833.4
03L832	884.6	28-May-96	51 A	834.6
03L832	884.6	16-Sep-96	52 A	831.1
03L833	908.0	09-Mar-95	46 A	844.0
03L833	908.0	06-Sep-95	48 A	843.4
03L833	908.0	29-May-96	51 A	845.0
03L833	908.0	04-Sep-96	52 A	843.2
03L833	908.0	01-Mar-94	42 A	845.6
03L833	908.0	02-Sep-94	44 A	844.1
03L841	911.3	10-Sep-93	40 A	841.1
03L841	911.3	01-Mar-94	42 A	842.6
03L841	911.3	18-Mar-94	42 F	843.6
03L841	911.3	30-Mar-94	42 A	842.4
03L841	911.3	31-Mar-94	42 A	842.8
03L841	911.3	10-Apr-94	43 A	842.5
03L841	911.3	17-Apr-94	43 A	842.3
03L841	911.3	18-Apr-94	43 A	843.3
03L841	911.3	18-Apr-94	43 A	843.2
03L841	911.3	18-Apr-94	43 A	843.3
03L841	911.3	19-Apr-94	43 A	842.4
03L841	911.3	20-Apr-94	43 A	842.4
03L841	911.3	21-Apr-94	43 A	842.4
03L841	911.3	22-Apr-94	43 A	842.5
03L841	911.3	25-Apr-94	43 A	842.9
03L841	911.3	26-Apr-94	43 A	843.1
03L841	911.3	28-Apr-94	43 A	842.3
03L841	911.3	29-Apr-94	43 A	842.3
03L841	911.3	02-May-94	43 A	842.5
03L841	911.3	09-May-94	43 A	842.6
03L841	911.3	16-May-94	43 A	842.3
03L841	911.3	23-May-94	43 A	842.5
03L841	911.3	20-Jun-94	43 A	842.1
03L841	911.3	19-Jul-94	44 A	843.4
03L841	911.3	02-Sep-94	44 A	841.1
03L841	911.3	10-Oct-94	45 A	841.5
03L841	911.3	10-Oct-94	45 A	841.5
03L841	911.3	27-Jan-95	46 A	841.6
03L841	911.3	06-Mar-95	46 A	841.4
03L841	911.3	09-Mar-95	46 A	841.4
03L841	911.3	21-Jun-95	47 A	842.0
03L841	911.3	05-Sep-95	48 A	840.5
03L841	911.3	06-Sep-95	48 A	840.5
03L841	911.3	14-Dec-95	49 A	841.5
03L841	911.3	05-Mar-96	50 A	841.5
03L841	911.3	28-May-96	51 A	842.1
03L841	911.3	29-May-96	51 A	842.1
03L841	911.3	16-Sep-96	52 A	840.2
03L846	887.6	18-Mar-94	42 F	831.6
03L846	887.6	17-Apr-94	43 A	832.6
03L846	887.6	18-Apr-94	43 A	832.9
03L846	887.6	18-Apr-94	43 A	833.0
03L846	887.6	18-Apr-94	43 A	832.8
03L846	887.6	19-Apr-94	43 A	832.5
03L846	887.6	20-Apr-94	43 A	832.6
03L846	887.6	21-Apr-94	43 A	832.7
03L846	887.6	22-Apr-94	43 A	832.7
03L846	887.6	25-Apr-94	43 A	832.8
03L846	887.6	26-Apr-94	43 A	832.9
03L846	887.6	28-Apr-94	43 A	832.4
03L846	887.6	29-Apr-94	43 A	832.4
03L846	887.6	02-May-94	43 A	832.7
03L846	887.6	09-May-94	43 A	832.5
03L846	887.6	16-May-94	43 A	832.1
03L846	887.6	23-May-94	43 A	832.0
03L846	887.6	20-Jun-94	43 A	831.2
03L846	887.6	19-Jul-94	44 A	830.8
03L846	887.6	10-Oct-94	45 A	830.2
03L846	887.6	27-Jan-95	46 A	830.7
03L846	887.6	06-Mar-95	46 A	830.9
03L846	887.6	16-Mar-95	46 F	829.5
03L846	887.6	21-Jun-95	47 A	830.6
03L846	887.6	05-Sep-95	48 A	830.2
03L846	887.6	14-Dec-95	49 A	830.5
03L846	887.6	05-Mar-96	50 A	830.9
03L846	887.6	28-May-96	51 A	831.5
03L846	887.6	16-Sep-96	52 A	828.8
03L848	902.3	30-Mar-94	42 A	841.4
03L848	902.3	31-Mar-94	42 A	841.8
03L848	902.3	10-Apr-94	43 A	841.6
03L848	902.3	17-Apr-94	43 A	841.5
03L848	902.3	18-Apr-94	43 A	842.3
03L848	902.3	18-Apr-94	43 A	842.3
03L848	902.3	18-Apr-94	43 A	842.3
03L848	902.3	19-Apr-94	43 A	841.6
03L848	902.3	20-Apr-94	43 A	841.6
03L848	902.3	21-Apr-94	43 A	841.6
03L848	902.3	22-Apr-94	43 A	841.7
03L848	902.3	25-Apr-94	43 A	842.1
03L848	902.3	26-Apr-94	43 A	842.3
03L848	902.3	28-Apr-94	43 A	841.5
03L848	902.3	29-Apr-94	43 A	841.5
03L848	902.3	02-May-94	43 A	841.7
03L848	902.3	09-May-94	43 A	841.8
03L848	902.3	16-May-94	43 A	841.4
03L848	902.3	23-May-94	43 A	841.7
03L848	902.3	20-Jun-94	43 A	841.2
03L848	902.3	19-Jul-94	44 A	842.0
03L848	902.3	10-Oct-94	45 A	840.3
03L848	902.3	27-Jan-95	46 A	842.0
03L848	902.3	21-Jun-95	47 A	842.3
03L848	902.3	05-Sep-95	48 A	841.9
03L848	902.3	14-Dec-95	49 A	842.0
03L848	902.3	28-May-96	51 A	842.7
03L848	902.3	16-Sep-96	52 A	840.8
03L853	888.8	18-Mar-94	42 F	836.7
03L853	888.8	16-Mar-95	46 F	835.0
03L853	888.8	29-May-96	51 A	836.0
03L853	888.8	06-Sep-96	52 A	833.6
03L854	889.9	21-Mar-94	42 F	838.8
03L854	889.9	30-Mar-94	42 A	838.4
03L854	889.9	31-Mar-94	42 A	838.9
03L854	889.9	10-Apr-94	43 A	838.6
03L854	889.9	17-Apr-94	43 A	838.6
03L854	889.9	18-Apr-94	43 A	839.2
03L854	889.9	18-Apr-94	43 A	839.2
03L854	889.9	18-Apr-94	43 A	839.2
03L854	889.9	19-Apr-94	43 A	838.7
03L854	889.9	20-Apr-94	43 A	838.6
03L854	889.9	21-Apr-94	43 A	838.7
03L854	889.9	22-Apr-94	43 A	838.9
03L854	889.9	25-Apr-94	43 A	839.3
03L854	889.9	26-Apr-94	43 A	839.5
03L854	889.9	28-Apr-94	43 A	838.6
03L854	889.9	29-Apr-94	43 A	838.6
03L854	889.9	02-May-94	43 A	838.9
03L854	889.9	09-May-94	43 A	839.0
03L854	889.9	16-May-94	43 A	838.6

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03L854	889.9	23-May-94	43 A	838.8
03L854	889.9	20-Jun-94	43 A	838.3
03L854	889.9	19-Jul-94	44 A	838.3
03L854	889.9	10-Oct-94	45 A	836.9
03L854	889.9	27-Jan-95	46 A	837.6
03L854	889.9	06-Mar-95	46 A	837.6
03L854	889.9	21-Jun-95	47 A	837.6
03L854	889.9	05-Sep-95	48 A	836.9
03L854	889.9	14-Dec-95	49 A	837.6
03L854	889.9	05-Mar-96	50 A	837.7
03L854	889.9	28-May-96	51 A	838.4
03L854	889.9	16-Sep-96	52 A	836.1
03L856	872.6	21-Mar-94	42 F	840.9
03L856	872.6	23-Mar-95	46 F	839.2
03L856	872.6	29-May-96	51 A	839.8
03L856	872.6	06-Sep-96	52 A	838.1
03L858	994.1	22-Mar-94	42 F	895.8
03L858	994.1	16-Mar-95	46 F	896.4
03L859	900.9	18-Mar-94	42 F	839.6
03L859	900.9	30-Mar-94	42 A	839.0
03L859	900.9	31-Mar-94	42 A	839.5
03L859	900.9	10-Apr-94	43 A	839.2
03L859	900.9	17-Apr-94	43 A	839.1
03L859	900.9	18-Apr-94	43 A	839.8
03L859	900.9	18-Apr-94	43 A	839.8
03L859	900.9	18-Apr-94	43 A	839.8
03L859	900.9	19-Apr-94	43 A	839.2
03L859	900.9	20-Apr-94	43 A	839.2
03L859	900.9	21-Apr-94	43 A	838.7
03L859	900.9	22-Apr-94	43 A	839.5
03L859	900.9	25-Apr-94	43 A	839.8
03L859	900.9	26-Apr-94	43 A	840.0
03L859	900.9	28-Apr-94	43 A	839.1
03L859	900.9	29-Apr-94	43 A	839.1
03L859	900.9	02-May-94	43 A	839.4
03L859	900.9	09-May-94	43 A	839.5
03L859	900.9	16-May-94	43 A	839.0
03L859	900.9	23-May-94	43 A	839.3
03L859	900.9	20-Jun-94	43 A	838.8
03L859	900.9	19-Jul-94	44 A	839.1
03L859	900.9	10-Oct-94	45 A	837.5
03L859	900.9	27-Jan-95	46 A	838.1
03L859	900.9	06-Mar-95	46 A	838.2
03L859	900.9	21-Jun-95	47 A	838.1
03L859	900.9	05-Sep-95	48 A	837.3
03L859	900.9	14-Dec-95	49 A	838.1
03L859	900.9	05-Mar-96	50 A	838.1
03L859	900.9	28-May-96	51 A	839.0
03L859	900.9	16-Sep-96	52 A	836.5
03L860	894.3	30-Mar-94	42 A	838.7
03L860	894.3	31-Mar-94	42 A	839.1
03L860	894.3	10-Apr-94	43 A	838.8
03L860	894.3	17-Apr-94	43 A	838.8
03L860	894.3	18-Apr-94	43 A	839.4
03L860	894.3	18-Apr-94	43 A	839.5
03L860	894.3	18-Apr-94	43 A	839.5
03L860	894.3	19-Apr-94	43 A	838.9
03L860	894.3	20-Apr-94	43 A	838.9
03L860	894.3	21-Apr-94	43 A	838.9
03L860	894.3	22-Apr-94	43 A	839.1
03L860	894.3	25-Apr-94	43 A	839.5
03L860	894.3	26-Apr-94	43 A	839.7
03L860	894.3	28-Apr-94	43 A	838.8
03L860	894.3	29-Apr-94	43 A	838.8
03L860	894.3	02-May-94	43 A	839.1
03L860	894.3	09-May-94	43 A	839.3
03L860	894.3	16-May-94	43 A	838.8
03L860	894.3	23-May-94	43 A	839.1
03L860	894.3	20-Jun-94	43 A	838.5
03L860	894.3	19-Jul-94	44 A	838.5
03L860	894.3	10-Oct-94	45 A	837.2
03L860	894.3	27-Jan-95	46 A	837.9
03L860	894.3	06-Mar-95	46 A	837.8
03L860	894.3	21-Jun-95	47 A	837.8
03L860	894.3	05-Sep-95	48 A	837.1
03L860	894.3	14-Dec-95	49 A	837.9
03L860	894.3	05-Mar-96	50 A	837.9
03L860	894.3	28-May-96	51 A	838.7
03L860	894.3	16-Sep-96	52 A	836.6
03L861	889.1	30-Mar-94	42 A	837.0
03L861	889.1	31-Mar-94	42 A	837.5
03L861	889.1	10-Apr-94	43 A	837.2
03L861	889.1	17-Apr-94	43 A	837.2
03L861	889.1	18-Apr-94	43 A	837.8
03L861	889.1	18-Apr-94	43 A	837.8
03L861	889.1	18-Apr-94	43 A	837.8
03L861	889.1	19-Apr-94	43 A	837.2
03L861	889.1	20-Apr-94	43 A	837.2
03L861	889.1	21-Apr-94	43 A	837.3
03L861	889.1	22-Apr-94	43 A	837.5
03L861	889.1	25-Apr-94	43 A	837.8
03L861	889.1	26-Apr-94	43 A	838.0
03L861	889.1	28-Apr-94	43 A	837.1
03L861	889.1	29-Apr-94	43 A	837.2
03L861	889.1	02-May-94	43 A	837.5
03L861	889.1	09-May-94	43 A	837.5
03L861	889.1	16-May-94	43 A	837.0
03L861	889.1	23-May-94	43 A	837.2
03L861	889.1	20-Jun-94	43 A	836.6
03L861	889.1	19-Jul-94	44 A	836.5
03L861	889.1	10-Oct-94	45 A	835.3
03L861	889.1	27-Jan-95	46 A	836.0
03L861	889.1	06-Mar-95	46 A	836.0
03L861	889.1	21-Jun-95	47 A	835.9
03L861	889.1	05-Sep-95	48 A	835.2
03L861	889.1	14-Dec-95	49 A	836.0
03L861	889.1	05-Mar-96	50 A	836.1
03L861	889.1	28-May-96	51 A	836.9
03L861	889.1	16-Sep-96	52 A	834.2
03M001	888.4	10-Sep-93	40 A	846.1
03M001	888.4	01-Mar-94	42 A	847.7
03M001	888.4	02-Sep-94	44 A	846.0
03M001	888.4	09-Mar-95	46 A	845.5
03M001	888.4	06-Sep-95	48 A	845.1
03M001	888.4	29-May-96	51 A	846.7
03M001	888.4	04-Sep-96	52 A	844.5
03M002	919.4	10-Sep-93	40 A	846.4
03M002	919.4	01-Mar-94	42 A	848.1
03M002	919.4	02-Sep-94	44 A	846.7
03M002	919.4	09-Mar-95	46 A	846.6
03M002	919.4	06-Sep-95	48 A	846.1
03M002	919.4	29-May-96	51 A	847.4
03M002	919.4	04-Sep-96	52 A	845.9
03M003	942.7	10-Sep-93	40 A	848.2
03M003	942.7	01-Mar-94	42 A	850.1
03M003	942.7	02-Sep-94	44 A	849.4
03M003	942.7	09-Mar-95	46 A	849.1
03M003	942.7	06-Sep-95	48 A	848.8
03M003	942.7	29-May-96	51 A	849.7
03M003	942.7	04-Sep-96	52 A	848.8
03M004	950.7	10-Sep-93	40 A	852.3
03M004	950.7	01-Mar-94	42 A	854.2
03M004	950.7	02-Sep-94	44 A	853.3
03M004	950.7	09-Mar-95	46 A	853.3
03M004	950.7	06-Sep-95	48 A	853.4
03M004	950.7	29-May-96	51 A	854.6
03M004	950.7	04-Sep-96	52 A	852.5
03M005	972.3	10-Sep-93	40 A	854.1

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03M005	972.3	01-Mar-94	42 A	856.2
03M005	972.3	17-Mar-94	42 F	856.9
03M005	972.3	02-Sep-94	44 A	855.3
03M005	972.3	09-Mar-95	46 A	855.6
03M005	972.3	06-Sep-95	48 A	854.4
03M005	972.3	29-May-96	51 A	855.8
03M005	972.3	04-Sep-96	52 A	854.3
03M007	900.7	10-Sep-93	40 A	857.2
03M007	900.7	01-Mar-94	42 A	859.1
03M007	900.7	11-Mar-94	42 F	859.2
03M007	900.7	02-Sep-94	44 A	857.8
03M007	900.7	09-Mar-95	46 A	858.2
03M007	900.7	06-Sep-95	48 A	857.7
03M007	900.7	29-May-96	51 A	859.8
03M007	900.7	04-Sep-96	52 A	856.4
03M010	888.9	10-Sep-93	40 A	866.0
03M010	888.9	01-Mar-94	42 A	866.8
03M010	888.9	11-Mar-94	42 F	867.0
03M010	888.9	02-Sep-94	44 A	865.0
03M010	888.9	09-Mar-95	46 A	865.8
03M010	888.9	06-Sep-95	48 A	865.2
03M010	888.9	29-May-96	51 A	866.7
03M010	888.9	04-Sep-96	52 A	862.4
03M012	880.2	10-Sep-93	40 A	858.9
03M012	880.2	01-Mar-94	42 A	860.4
03M012	880.2	02-Sep-94	44 A	858.5
03M012	880.2	09-Mar-95	46 A	859.1
03M012	880.2	06-Sep-95	48 A	858.0
03M012	880.2	29-May-96	51 A	859.5
03M012	880.2	04-Sep-96	52 A	856.2
03M013	889.7	10-Sep-93	40 A	850.1
03M013	889.7	01-Mar-94	42 A	851.9
03M013	889.7	02-Sep-94	44 A	850.2
03M013	889.7	09-Mar-95	46 A	850.2
03M013	889.7	06-Sep-95	48 A	849.2
03M013	889.7	29-May-96	51 A	850.7
03M013	889.7	04-Sep-96	52 A	848.6
03M017	938.9	10-Sep-93	40 A	851.1
03M017	938.9	01-Mar-94	42 A	852.8
03M017	938.9	02-Sep-94	44 A	851.6
03M017	938.9	09-Mar-95	46 A	851.7
03M017	938.9	06-Sep-95	48 A	851.1
03M017	938.9	29-May-96	51 A	852.2
03M017	938.9	04-Sep-96	52 A	850.8
03M020	954.5	10-Sep-93	40 A	851.2
03M020	954.5	01-Mar-94	42 A	853.0
03M020	954.5	02-Sep-94	44 A	851.9
03M020	954.5	09-Mar-95	46 A	851.8
03M020	954.5	06-Sep-95	48 A	851.0
03M020	954.5	29-May-96	51 A	852.3
03M020	954.5	04-Sep-96	52 A	851.0
03M713	895.6	10-Sep-93	40 A	844.0
03M713	895.6	01-Mar-94	42 A	845.7
03M713	895.6	02-Sep-94	44 A	844.3
03M713	895.6	09-Mar-95	46 A	843.7
03M713	895.6	06-Sep-95	48 A	843.3
03M713	895.6	29-May-96	51 A	845.2
03M713	895.6	04-Sep-96	52 A	843.2
03M802	905.6	10-Sep-93	40 A	846.3
03M802	905.6	01-Mar-94	42 A	848.0
03M802	905.6	02-Sep-94	44 A	847.0
03M802	905.6	09-Mar-95	46 A	847.1
03M802	905.6	06-Sep-95	48 A	846.6
03M802	905.6	29-May-96	51 A	847.8
03M802	905.6	04-Sep-96	52 A	846.7
03M806	909.6	10-Sep-93	40 A	843.9
03M806	909.6	01-Mar-94	42 A	845.5
03M806	909.6	02-Sep-94	44 A	844.0
03M806	909.6	09-Mar-95	46 A	844.1
03M806	909.6	06-Sep-95	48 A	843.4
03M806	909.6	29-May-96	51 A	844.8
03M806	909.6	04-Sep-96	52 A	843.1
03M843	885.7	09-Sep-93	40 F	835.0
03M843	885.7	18-Mar-94	42 F	838.1
03M843	885.7	12-Sep-94	44 F	835.6
03M843	885.7	15-Mar-95	46 F	836.3
03M843	885.7	08-Sep-95	48 F	834.5
03M848	902.5	09-Sep-93	40 F	839.5
03M848	902.5	17-Mar-94	42 F	842.5
03M848	902.5	30-Mar-94	42 A	841.0
03M848	902.5	31-Mar-94	42 A	841.4
03M848	902.5	10-Apr-94	43 A	841.2
03M848	902.5	17-Apr-94	43 A	841.0
03M848	902.5	18-Apr-94	43 A	841.8
03M848	902.5	18-Apr-94	43 A	841.8
03M848	902.5	18-Apr-94	43 A	841.8
03M848	902.5	19-Apr-94	43 A	841.2
03M848	902.5	20-Apr-94	43 A	841.1
03M848	902.5	21-Apr-94	43 A	841.2
03M848	902.5	22-Apr-94	43 A	841.3
03M848	902.5	25-Apr-94	43 A	841.7
03M848	902.5	26-Apr-94	43 A	841.9
03M848	902.5	28-Apr-94	43 A	841.0
03M848	902.5	29-Apr-94	43 A	841.0
03M848	902.5	02-May-94	43 A	841.3
03M848	902.5	09-May-94	43 A	841.4
03M848	902.5	16-May-94	43 A	841.0
03M848	902.5	23-May-94	43 A	841.3
03M848	902.5	20-Jun-94	43 A	840.8
03M848	902.5	19-Jul-94	44 A	841.5
03M848	902.5	10-Oct-94	45 A	839.8
03M848	902.5	27-Jan-95	46 A	841.6
03M848	902.5	06-Mar-95	46 A	841.5
03M848	902.5	21-Jun-95	47 A	841.8
03M848	902.5	05-Sep-95	48 A	840.8
03M848	902.5	14-Dec-95	49 A	841.6
03M848	902.5	28-May-96	51 A	842.2
03M848	902.5	16-Sep-96	52 A	840.4
03U001	888.2	01-Mar-94	42 A	847.9
03U001	888.2	02-Sep-94	44 A	846.1
03U001	888.2	09-Mar-95	46 A	845.7
03U001	888.2	06-Sep-95	48 A	844.7
03U001	888.2	29-May-96	51 A	846.8
03U001	888.2	04-Sep-96	52 A	844.7
03U001	888.2	10-Sep-93	40 A	846.2
03U002	917.8	10-Sep-93	40 A	847.1
03U002	917.8	01-Mar-94	42 A	848.8
03U002	917.8	02-Sep-94	44 A	847.6
03U002	917.8	09-Mar-95	46 A	847.5
03U002	917.8	06-Sep-95	48 A	847.0
03U002	917.8	29-May-96	51 A	848.2
03U002	917.8	04-Sep-96	52 A	846.9
03U003	942.6	10-Sep-93	40 A	848.3
03U003	942.6	01-Mar-94	42 A	850.3
03U003	942.6	02-Sep-94	44 A	849.5
03U003	942.6	09-Mar-95	46 A	849.2
03U003	942.6	06-Sep-95	48 A	848.9
03U003	942.6	29-May-96	51 A	849.8
03U003	942.6	04-Sep-96	52 A	849.0
03U004	950.8	10-Sep-93	40 A	853.8
03U004	950.8	01-Mar-94	42 A	855.6
03U004	950.8	02-Sep-94	44 A	854.8

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03U004	950.8	09-Mar-95	46 A	854.6
03U004	950.8	06-Sep-95	48 A	852.9
03U004	950.8	29-May-96	51 A	854.1
03U004	950.8	04-Sep-96	52 A	853.7
03U005	970.5	10-Sep-93	40 A	854.0
03U005	970.5	01-Mar-94	42 A	856.1
03U005	970.5	17-Mar-94	42 F	857.1
03U005	970.5	02-Sep-94	44 A	855.3
03U005	970.5	09-Mar-95	46 A	855.5
03U005	970.5	06-Sep-95	48 A	854.4
03U005	970.5	29-May-96	51 A	855.7
03U005	970.5	04-Sep-96	52 A	854.3
03U006	966.7	10-Sep-93	40 A	855.2
03U006	966.7	01-Mar-94	42 A	857.5
03U006	966.7	11-Mar-94	42 F	857.6
03U006	966.7	02-Sep-94	44 A	856.7
03U006	966.7	09-Mar-95	46 A	856.8
03U006	966.7	06-Sep-95	48 A	856.4
03U006	966.7	29-May-96	51 A	857.2
03U006	966.7	04-Sep-96	52 A	855.8
03U007	900.3	10-Sep-93	40 A	857.3
03U007	900.3	01-Mar-94	42 A	859.1
03U007	900.3	11-Mar-94	42 F	859.5
03U007	900.3	02-Sep-94	44 A	857.9
03U007	900.3	09-Mar-95	46 A	858.3
03U007	900.3	09-Mar-95	46 A	833.7
03U007	900.3	06-Sep-95	48 A	857.8
03U007	900.3	29-May-96	51 A	857.5
03U007	900.3	04-Sep-96	52 A	856.5
03U008	915.2	10-Sep-93	40 A	863.7
03U008	915.2	01-Mar-94	42 A	864.9
03U008	915.2	11-Mar-94	42 F	865.4
03U008	915.2	02-Sep-94	44 A	863.1
03U008	915.2	09-Mar-95	46 A	864.0
03U008	915.2	06-Sep-95	48 A	863.3
03U008	915.2	29-May-96	51 A	864.7
03U008	915.2	04-Sep-96	52 A	860.9
03U009	912.9	10-Sep-93	40 A	866.0
03U009	912.9	01-Mar-94	42 A	866.7
03U009	912.9	11-Mar-94	42 F	866.9
03U009	912.9	02-Sep-94	44 A	864.9
03U009	912.9	09-Mar-95	46 A	865.7
03U009	912.9	06-Sep-95	48 A	865.2
03U009	912.9	08-Sep-95	48 F	865.1
03U009	912.9	29-May-96	51 A	866.8
03U009	912.9	04-Sep-96	52 A	862.4
03U010	888.4	10-Sep-93	40 A	866.0
03U010	888.4	01-Mar-94	42 A	866.8
03U010	888.4	11-Mar-94	42 F	867.0
03U010	888.4	02-Sep-94	44 A	865.0
03U010	888.4	09-Mar-95	46 A	865.8
03U010	888.4	06-Sep-95	48 A	865.2
03U010	888.4	29-May-96	51 A	866.7
03U010	888.4	04-Sep-96	52 A	862.4
03U011	900.6	10-Sep-93	40 A	863.3
03U011	900.6	01-Mar-94	42 A	864.6
03U011	900.6	11-Mar-94	42 F	864.9
03U011	900.6	02-Sep-94	44 A	862.9
03U011	900.6	09-Mar-95	46 A	863.7
03U011	900.6	06-Sep-95	48 A	862.8
03U011	900.6	29-May-96	51 A	864.2
03U011	900.6	04-Sep-96	52 A	860.8
03U012	880.0	10-Sep-93	40 A	859.0
03U012	880.0	01-Mar-94	42 A	860.4
03U012	880.0	02-Sep-94	44 A	858.5
03U012	880.0	09-Mar-95	46 A	859.1
03U012	880.0	06-Sep-95	48 A	858.0
03U012	880.0	29-May-96	51 A	859.5
03U012	880.0	04-Sep-96	52 A	856.2
03U013	890.0	10-Sep-93	40 A	850.1
03U013	890.0	01-Mar-94	42 A	851.9
03U013	890.0	02-Sep-94	44 A	850.2
03U013	890.0	09-Mar-95	46 A	850.3
03U013	890.0	06-Sep-95	48 A	849.2
03U013	890.0	29-May-96	51 A	850.7
03U013	890.0	04-Sep-96	52 A	848.6
03U014	988.3	10-Sep-93	40 A	854.0
03U014	988.3	01-Mar-94	42 A	855.7
03U014	988.3	02-Sep-94	44 A	854.9
03U014	988.3	09-Mar-95	46 A	854.9
03U014	988.3	06-Sep-95	48 A	853.0
03U014	988.3	29-May-96	51 A	854.3
03U014	988.3	04-Sep-96	52 A	852.9
03U015	934.6	10-Sep-93	40 A	855.0
03U015	934.6	01-Mar-94	42 A	856.7
03U015	934.6	14-Mar-94	42 F	856.7
03U015	934.6	02-Sep-94	44 A	855.5
03U015	934.6	09-Mar-95	46 A	855.8
03U015	934.6	06-Sep-95	48 A	855.1
03U015	934.6	29-May-96	51 A	856.2
03U015	934.6	04-Sep-96	52 A	854.5
03U016	947.3	10-Sep-93	40 A	857.8
03U016	947.3	01-Mar-94	42 A	859.5
03U016	947.3	14-Mar-94	42 F	859.8
03U016	947.3	02-Sep-94	44 A	858.2
03U016	947.3	09-Mar-95	46 A	858.5
03U016	947.3	06-Sep-95	48 A	857.8
03U016	947.3	29-May-96	51 A	858.9
03U016	947.3	04-Sep-96	52 A	857.1
03U017	939.0	10-Sep-93	40 A	851.1
03U017	939.0	01-Mar-94	42 A	852.9
03U017	939.0	02-Sep-94	44 A	851.6
03U017	939.0	09-Mar-95	46 A	851.7
03U017	939.0	06-Sep-95	48 A	851.1
03U017	939.0	29-May-96	51 A	852.2
03U017	939.0	04-Sep-96	52 A	850.8
03U018	988.8	10-Sep-93	40 A	854.2
03U018	988.8	01-Mar-94	42 A	856.0
03U018	988.8	02-Sep-94	44 A	854.9
03U018	988.8	09-Mar-95	46 A	855.0
03U018	988.8	06-Sep-95	48 A	854.3
03U018	988.8	29-May-96	51 A	855.4
03U018	988.8	04-Sep-96	52 A	854.0
03U019	943.2	10-Sep-93	40 A	855.6
03U019	943.2	01-Mar-94	42 A	857.3
03U019	943.2	16-Mar-94	42 F	857.1
03U019	943.2	02-Sep-94	44 A	856.4
03U019	943.2	09-Mar-95	46 A	856.5
03U019	943.2	06-Sep-95	48 A	855.7
03U019	943.2	29-May-96	51 A	856.8
03U019	943.2	04-Sep-96	52 A	855.5
03U020	954.3	10-Sep-93	40 A	851.3
03U020	954.3	01-Mar-94	42 A	853.1
03U020	954.3	02-Sep-94	44 A	852.0
03U020	954.3	09-Mar-95	46 A	852.0
03U020	954.3	06-Sep-95	48 A	851.2
03U020	954.3	29-May-96	51 A	852.5
03U020	954.3	04-Sep-96	52 A	851.3
03U021	944.4	10-Sep-93	40 A	849.1
03U021	944.4	01-Mar-94	42 A	850.8
03U021	944.4	02-Sep-94	44 A	849.7

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03U021	944.4	09-Mar-95	46 A	849.6
03U021	944.4	06-Sep-95	48 A	849.0
03U021	944.4	29-May-96	51 A	850.2
03U021	944.4	04-Sep-96	52 A	849.0
03U022	899.3	10-Sep-93	40 A	860.0
03U022	899.3	01-Mar-94	42 A	861.4
03U022	899.3	08-Mar-94	42 F	861.3
03U022	899.3	02-Sep-94	44 A	859.8
03U022	899.3	09-Mar-95	46 A	860.3
03U022	899.3	06-Sep-95	48 A	859.6
03U022	899.3	29-May-96	51 A	860.8
03U022	899.3	04-Sep-96	52 A	858.1
03U023	899.5	10-Sep-93	40 A	859.7
03U023	899.5	01-Mar-94	42 A	861.1
03U023	899.5	07-Mar-94	42 F	861.2
03U023	899.5	02-Sep-94	44 A	859.4
03U023	899.5	09-Mar-95	46 A	859.9
03U023	899.5	16-Mar-95	46 F	860.2
03U023	899.5	06-Sep-95	48 A	859.1
03U023	899.5	29-May-96	51 A	860.4
03U023	899.5	04-Sep-96	52 A	857.3
03U024	894.7	10-Sep-93	40 A	858.3
03U024	894.7	01-Mar-94	42 A	859.8
03U024	894.7	16-Mar-94	42 F	860.1
03U024	894.7	02-Sep-94	44 A	858.3
03U024	894.7	09-Mar-95	46 A	858.7
03U024	894.7	06-Sep-95	48 A	858.0
03U024	894.7	29-May-96	51 A	859.2
03U024	894.7	04-Sep-96	52 A	856.7
03U025	887.0	10-Sep-93	40 A	856.0
03U025	887.0	01-Mar-94	42 A	857.6
03U025	887.0	16-Mar-94	42 F	858.1
03U025	887.0	02-Sep-94	44 A	856.1
03U025	887.0	09-Mar-95	46 A	856.3
03U025	887.0	06-Sep-95	48 A	855.6
03U025	887.0	29-May-96	51 A	856.9
03U025	887.0	04-Sep-96	52 A	854.5
03U026	975.1	16-Mar-94	42 F	857.2
03U026	975.1	13-Mar-95	46 F	856.3
03U026	975.1	29-May-96	51 A	856.2
03U027	966.5	10-Sep-93	40 A	851.6
03U027	966.5	01-Mar-94	42 A	853.4
03U027	966.5	02-Sep-94	44 A	852.4
03U027	966.5	09-Mar-95	46 A	852.3
03U027	966.5	06-Sep-95	48 A	851.6
03U027	966.5	29-May-96	51 A	852.8
03U027	966.5	04-Sep-96	52 A	851.6
03U028	957.0	10-Sep-93	40 A	850.7
03U028	957.0	01-Mar-94	42 A	852.6
03U028	957.0	02-Sep-94	44 A	851.6
03U028	957.0	09-Mar-95	46 A	851.6
03U028	957.0	06-Sep-95	48 A	850.8
03U028	957.0	29-May-96	51 A	852.1
03U028	957.0	04-Sep-96	52 A	850.9
03U029	956.9	10-Sep-93	40 A	848.9
03U029	956.9	01-Mar-94	42 A	851.0
03U029	956.9	02-Sep-94	44 A	850.0
03U029	956.9	09-Mar-95	46 A	850.0
03U029	956.9	06-Sep-95	48 A	849.2
03U029	956.9	29-May-96	51 A	851.3
03U029	956.9	04-Sep-96	52 A	850.2
03U030	958.7	10-Sep-93	40 A	852.2
03U030	958.7	01-Mar-94	42 A	854.2
03U030	958.7	02-Sep-94	44 A	853.2
03U030	958.7	09-Mar-95	46 A	853.3
03U030	958.7	06-Sep-95	48 A	852.4
03U030	958.7	29-May-96	51 A	853.7
03U030	958.7	04-Sep-96	52 A	852.4
03U031	898.4	10-Sep-93	40 A	852.5
03U031	898.4	01-Mar-94	42 A	854.1
03U031	898.4	02-Sep-94	44 A	852.8
03U031	898.4	09-Mar-95	46 A	852.9
03U031	898.4	06-Sep-95	48 A	852.4
03U031	898.4	29-May-96	51 A	853.6
03U031	898.4	04-Sep-96	52 A	851.8
03U032	1004.1	08-Sep-93	40 F	856.4
03U032	1004.1	10-Sep-93	40 A	856.2
03U032	1004.1	01-Mar-94	42 A	857.9
03U032	1004.1	15-Mar-94	42 F	858.4
03U032	1004.1	02-Sep-94	44 A	856.8
03U032	1004.1	08-Sep-94	44 F	857.3
03U032	1004.1	09-Mar-95	46 A	857.0
03U032	1004.1	06-Sep-95	48 A	856.3
03U032	1004.1	29-May-96	51 A	857.4
03U032	1004.1	04-Sep-96	52 A	855.6
03U075	884.6	10-Sep-93	40 A	849.4
03U075	884.6	01-Mar-94	42 A	850.9
03U075	884.6	02-Sep-94	44 A	849.3
03U075	884.6	09-Mar-95	46 A	849.0
03U075	884.6	06-Sep-95	48 A	848.4
03U075	884.6	29-May-96	51 A	850.0
03U075	884.6	04-Sep-96	52 A	847.7
03U076	888.7	10-Sep-93	40 A	847.7
03U076	888.7	01-Mar-94	42 A	849.3
03U076	888.7	02-Sep-94	44 A	847.6
03U076	888.7	09-Mar-95	46 A	847.2
03U076	888.7	06-Sep-95	48 A	846.6
03U076	888.7	29-May-96	51 A	848.3
03U076	888.7	04-Sep-96	52 A	846.1
03U077	912.5	10-Sep-93	40 A	845.7
03U077	912.5	01-Mar-94	42 A	847.5
03U077	912.5	02-Sep-94	44 A	846.0
03U077	912.5	09-Mar-95	46 A	845.9
03U077	912.5	06-Sep-95	48 A	845.4
03U077	912.5	29-May-96	51 A	846.8
03U077	912.5	04-Sep-96	52 A	845.2
03U078	927.2	10-Sep-93	40 A	845.5
03U078	927.2	01-Mar-94	42 A	847.6
03U078	927.2	02-Sep-94	44 A	846.7
03U078	927.2	09-Mar-95	46 A	846.5
03U078	927.2	06-Sep-95	48 A	846.4
03U078	927.2	29-May-96	51 A	847.6
03U078	927.2	04-Sep-96	52 A	846.6
03U079	923.4	10-Sep-93	40 A	845.2
03U079	923.4	01-Mar-94	42 A	847.0
03U079	923.4	02-Sep-94	44 A	845.8
03U079	923.4	09-Mar-95	46 A	845.7
03U079	923.4	06-Sep-95	48 A	845.4
03U079	923.4	29-May-96	51 A	846.8
03U079	923.4	04-Sep-96	52 A	845.7
03U082	898.4	10-Sep-93	40 A	862.5
03U082	898.4	01-Mar-94	42 A	863.7
03U082	898.4	09-Mar-94	42 F	863.9
03U082	898.4	02-Sep-94	44 A	862.1
03U082	898.4	09-Mar-95	46 A	862.8
03U082	898.4	06-Sep-95	48 A	862.0
03U082	898.4	29-May-96	51 A	863.4
03U082	898.4	04-Sep-96	52 A	860.1
03U083	891.3	10-Sep-93	40 A	855.5
03U083	891.3	01-Mar-94	42 A	857.1

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03U083	891.3	16-Mar-94	42 F	857.0
03U083	891.3	02-Sep-94	44 A	855.8
03U083	891.3	09-Mar-95	46 A	856.0
03U083	891.3	06-Sep-95	48 A	855.4
03U083	891.3	29-May-96	51 A	856.6
03U083	891.3	04-Sep-96	52 A	854.5
03U084	898.4	10-Sep-93	40 A	846.1
03U084	898.4	01-Mar-94	42 A	847.8
03U084	898.4	02-Sep-94	44 A	846.4
03U084	898.4	09-Mar-95	46 A	846.2
03U084	898.4	06-Sep-95	48 A	845.7
03U084	898.4	29-May-96	51 A	847.3
03U084	898.4	04-Sep-96	52 A	845.5
03U087	1004.1	10-Sep-93	40 A	856.5
03U087	1004.1	01-Mar-94	42 A	858.2
03U087	1004.1	15-Mar-94	42 F	858.2
03U087	1004.1	02-Sep-94	44 A	857.1
03U087	1004.1	09-Mar-95	46 A	857.3
03U087	1004.1	06-Sep-95	48 A	856.6
03U087	1004.1	29-May-96	51 A	857.7
03U087	1004.1	04-Sep-96	52 A	855.9
03U088	983.7	10-Sep-93	40 A	857.1
03U088	983.7	01-Mar-94	42 A	858.7
03U088	983.7	14-Mar-94	42 F	858.8
03U088	983.7	02-Sep-94	44 A	857.5
03U088	983.7	09-Mar-95	46 A	857.8
03U088	983.7	06-Sep-95	48 A	857.1
03U088	983.7	29-May-96	51 A	858.2
03U088	983.7	04-Sep-96	52 A	856.4
03U089	973.0	10-Sep-93	40 A	857.0
03U089	973.0	01-Mar-94	42 A	858.6
03U089	973.0	14-Mar-94	42 F	859.1
03U089	973.0	02-Sep-94	44 A	857.5
03U089	973.0	09-Mar-95	46 A	857.7
03U089	973.0	06-Sep-95	48 A	857.0
03U089	973.0	29-May-96	51 A	858.1
03U089	973.0	04-Sep-96	52 A	856.3
03U090	982.2	10-Sep-93	40 A	855.3
03U090	982.2	01-Mar-94	42 A	857.0
03U090	982.2	16-Mar-94	42 F	857.1
03U090	982.2	02-Sep-94	44 A	856.0
03U090	982.2	09-Mar-95	46 A	856.1
03U090	982.2	06-Sep-95	48 A	855.3
03U090	982.2	29-May-96	51 A	856.5
03U090	982.2	04-Sep-96	52 A	855.1
03U092	960.4	08-Sep-93	40 F	854.2
03U092	960.4	10-Sep-93	40 A	854.1
03U092	960.4	01-Mar-94	42 A	855.9
03U092	960.4	16-Mar-94	42 F	855.9
03U092	960.4	02-Sep-94	44 A	855.0
03U092	960.4	08-Sep-94	44 F	854.9
03U092	960.4	09-Mar-95	46 A	855.0
03U092	960.4	06-Sep-95	48 A	854.2
03U092	960.4	29-May-96	51 A	855.3
03U092	960.4	04-Sep-96	52 A	854.1
03U093	993.6	10-Sep-93	40 A	854.2
03U093	993.6	01-Mar-94	42 A	856.0
03U093	993.6	02-Sep-94	44 A	855.0
03U093	993.6	09-Mar-95	46 A	855.1
03U093	993.6	06-Sep-95	48 A	854.4
03U093	993.6	29-May-96	51 A	855.4
03U093	993.6	04-Sep-96	52 A	854.1
03U094	997.0	10-Sep-93	40 A	854.3
03U094	997.0	01-Mar-94	42 A	856.0
03U094	997.0	02-Sep-94	44 A	855.2
03U094	997.0	09-Mar-95	46 A	855.2
03U094	997.0	06-Sep-95	48 A	854.4
03U094	997.0	29-May-96	51 A	855.5
03U094	997.0	04-Sep-96	52 A	854.3
03U096	994.4	10-Sep-93	40 A	854.3
03U096	994.4	01-Mar-94	42 A	856.1
03U096	994.4	02-Sep-94	44 A	854.9
03U096	994.4	09-Mar-95	46 A	855.1
03U096	994.4	06-Sep-95	48 A	854.4
03U096	994.4	29-May-96	51 A	855.5
03U096	994.4	04-Sep-96	52 A	854.0
03U097	937.4	14-Mar-94	42 F	864.1
03U097	937.4	09-Mar-95	46 F	863.2
03U097	937.4	29-May-96	51 A	863.4
03U099	952.3	14-Mar-94	42 F	857.8
03U099	952.3	09-Mar-95	46 F	856.5
03U099	952.3	29-May-96	51 A	856.7
03U111	924.7	10-Sep-93	40 A	862.5
03U111	924.7	01-Mar-94	42 A	863.9
03U111	924.7	11-Mar-94	42 F	864.0
03U111	924.7	02-Sep-94	44 A	862.4
03U111	924.7	09-Mar-95	46 A	863.2
03U111	924.7	06-Sep-95	48 A	862.3
03U111	924.7	29-May-96	51 A	863.5
03U111	924.7	04-Sep-96	52 A	860.9
03U112	978.1	10-Sep-93	40 A	855.7
03U112	978.1	01-Mar-94	42 A	857.4
03U112	978.1	16-Mar-94	42 F	857.4
03U112	978.1	02-Sep-94	44 A	856.5
03U112	978.1	12-Sep-94	44 F	856.4
03U112	978.1	09-Mar-95	46 A	856.6
03U112	978.1	06-Sep-95	48 A	855.8
03U112	978.1	29-May-96	51 A	857.0
03U112	978.1	04-Sep-96	52 A	835.6
03U113	974.2	10-Sep-93	40 A	856.2
03U113	974.2	01-Mar-94	42 A	857.9
03U113	974.2	15-Mar-94	42 F	858.3
03U113	974.2	02-Sep-94	44 A	856.9
03U113	974.2	09-Mar-95	46 A	857.1
03U113	974.2	06-Sep-95	48 A	856.3
03U113	974.2	29-May-96	51 A	857.4
03U113	974.2	04-Sep-96	52 A	855.9
03U114	973.1	08-Sep-93	40 F	855.3
03U114	973.1	16-Mar-94	42 F	856.9
03U114	973.1	08-Sep-94	44 F	856.0
03U114	973.1	13-Mar-95	46 F	856.0
03U114	973.1	08-Sep-95	48 F	855.3
03U114	973.1	29-May-96	51 A	856.4
03U114	973.1	06-Sep-96	52 A	855.1
03U121	970.5	16-Mar-94	42 F	857.5
03U121	970.5	12-Sep-94	44 F	856.5
03U121	970.5	22-Mar-95	46 F	856.6
03U121	970.5	29-May-96	51 A	856.9
03U124	1004.5	08-Sep-93	40 F	856.6
03U124	1004.5	14-Mar-94	42 F	858.9
03U124	1004.5	08-Sep-94	44 F	857.7
03U124	1004.5	17-Mar-95	46 F	857.8
03U124	1004.5	12-Sep-95	48 F	856.5
03U124	1004.5	29-May-96	51 A	857.6
03U124	1004.5	06-Sep-96	52 A	856.0
03U129	911.1	11-Mar-94	42 F	864.7
03U129	911.1	08-Mar-95	46 F	863.7
03U129	911.1	29-May-96	51 A	864.4
03U301	955.0	10-Sep-93	40 A	839.7

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03U301	955.0	01-Mar-94	42 A	838.3
03U301	955.0	02-Sep-94	44 A	839.1
03U301	955.0	09-Mar-95	46 A	836.3
03U301	955.0	06-Sep-95	48 A	836.9
03U301	955.0	29-May-96	51 A	851.2
03U301	955.0	04-Sep-96	52 A	850.2
03U314	975.9	10-Sep-93	40 A	844.2
03U314	975.7	01-Mar-94	42 A	848.5
03U314	975.7	02-Sep-94	44 A	846.3
03U314	975.7	09-Mar-95	46 A	850.4
03U314	975.7	06-Sep-95	48 A	846.4
03U314	975.7	29-May-96	51 A	846.4
03U314	975.7	04-Sep-96	52 A	837.7
03U315	963.1	10-Sep-93	40 A	845.6
03U315	963.0	01-Mar-94	42 A	853.9
03U315	963.0	02-Sep-94	44 A	840.7
03U315	963.0	09-Mar-95	46 A	840.0
03U315	963.0	06-Sep-95	48 A	837.0
03U315	963.0	29-May-96	51 A	835.3
03U315	963.0	04-Sep-96	52 A	834.5
03U316	954.6	10-Sep-93	40 A	841.7
03U316	954.5	01-Mar-94	42 A	844.8
03U316	954.5	02-Sep-94	44 A	844.6
03U316	954.5	09-Mar-95	46 A	840.7
03U316	954.5	06-Sep-95	48 A	837.3
03U316	954.5	29-May-96	51 A	838.0
03U316	954.5	04-Sep-96	52 A	839.4
03U317	950.4	10-Sep-93	40 A	844.8
03U317	950.2	01-Mar-94	42 A	848.3
03U317	950.2	02-Sep-94	44 A	844.0
03U317	950.2	09-Mar-95	46 A	842.1
03U317	950.2	06-Sep-95	48 A	839.4
03U317	950.2	29-May-96	51 A	838.2
03U317	950.2	04-Sep-96	52 A	843.2
03U521	1004.6	15-Mar-94	42 F	858.2
03U521	1004.6	08-Mar-95	46 F	857.2
03U521	1004.6	29-May-96	51 A	857.9
03U647	961.3	10-Sep-93	40 A	851.7
03U647	961.3	01-Mar-94	42 A	853.9
03U647	961.3	02-Sep-94	44 A	853.0
03U647	961.3	09-Mar-95	46 A	852.7
03U647	961.3	06-Sep-95	48 A	851.9
03U647	961.3	29-May-96	51 A	853.2
03U647	961.3	04-Sep-96	52 A	851.9
03U648	959.8	10-Sep-93	40 A	852.0
03U648	959.8	01-Mar-94	42 A	853.9
03U648	959.8	02-Sep-94	44 A	852.9
03U648	959.8	09-Mar-95	46 A	853.0
03U648	959.8	06-Sep-95	48 A	852.1
03U648	959.8	29-May-96	51 A	853.4
03U648	959.8	04-Sep-96	52 A	852.1
03U658	963.0	10-Sep-93	40 A	852.8
03U658	963.0	01-Mar-94	42 A	854.6
03U658	963.0	02-Sep-94	44 A	853.7
03U658	963.0	09-Mar-95	46 A	853.7
03U658	963.0	06-Sep-95	48 A	852.9
03U658	963.0	29-May-96	51 A	854.1
03U658	963.0	04-Sep-96	52 A	852.9
03U659	956.5	10-Sep-93	40 A	850.3
03U659	956.5	01-Mar-94	42 A	852.3
03U659	956.5	02-Sep-94	44 A	851.4
03U659	956.5	09-Mar-95	46 A	851.3
03U659	956.5	06-Sep-95	48 A	850.5
03U659	956.5	29-May-96	51 A	851.9
03U659	956.5	04-Sep-96	52 A	850.8
03U671	930.4	10-Sep-93	40 A	847.5
03U671	930.4	01-Mar-94	42 A	849.5
03U671	930.4	02-Sep-94	44 A	848.5
03U671	930.4	09-Mar-95	46 A	848.2
03U671	930.4	06-Sep-95	48 A	847.9
03U671	930.4	29-May-96	51 A	849.0
03U671	930.4	04-Sep-96	52 A	848.0
03U672	923.1	10-Sep-93	40 A	849.5
03U672	923.1	01-Mar-94	42 A	851.4
03U672	923.1	02-Sep-94	44 A	850.5
03U672	923.1	09-Mar-95	46 A	850.6
03U672	923.1	06-Sep-95	48 A	850.0
03U672	923.1	29-May-96	51 A	851.0
03U672	923.1	04-Sep-96	52 A	850.0
03U673	897.2	10-Sep-93	40 A	842.7
03U673	897.2	01-Mar-94	42 A	844.2
03U673	897.2	30-Mar-94	42 A	843.8
03U673	897.2	31-Mar-94	42 A	844.2
03U673	897.2	10-Apr-94	43 A	844.0
03U673	897.2	17-Apr-94	43 A	843.8
03U673	897.2	18-Apr-94	43 A	844.6
03U673	897.2	18-Apr-94	43 A	844.6
03U673	897.2	18-Apr-94	43 A	844.6
03U673	897.2	19-Apr-94	43 A	844.0
03U673	897.2	20-Apr-94	43 A	843.9
03U673	897.2	21-Apr-94	43 A	843.9
03U673	897.2	22-Apr-94	43 A	844.0
03U673	897.2	25-Apr-94	43 A	844.6
03U673	897.2	26-Apr-94	43 A	844.8
03U673	897.2	28-Apr-94	43 A	843.8
03U673	897.2	29-Apr-94	43 A	843.8
03U673	897.2	02-May-94	43 A	844.1
03U673	897.2	09-May-94	43 A	844.3
03U673	897.2	16-May-94	43 A	843.9
03U673	897.2	23-May-94	43 A	844.3
03U673	897.2	20-Jun-94	43 A	843.9
03U673	897.2	19-Jul-94	44 A	844.9
03U673	897.2	02-Sep-94	44 A	843.9
03U673	897.2	10-Oct-94	45 A	843.0
03U673	897.2	10-Oct-94	45 A	843.0
03U673	897.2	27-Jan-95	46 A	843.4
03U673	897.2	06-Mar-95	46 A	843.3
03U673	897.2	09-Mar-95	46 A	843.3
03U673	897.2	21-Jun-95	47 A	843.6
03U673	897.2	05-Sep-95	48 A	842.5
03U673	897.2	06-Sep-95	48 A	842.6
03U673	897.2	14-Dec-95	49 A	843.3
03U673	897.2	05-Mar-96	50 A	843.3
03U673	897.2	28-May-96	51 A	843.8
03U673	897.2	16-Sep-96	52 A	842.4
03U674	955.1	10-Sep-93	40 A	849.0
03U674	955.1	01-Mar-94	42 A	851.1
03U674	955.1	02-Sep-94	44 A	850.2
03U674	955.1	09-Mar-95	46 A	850.1
03U674	955.1	06-Sep-95	48 A	849.3
03U674	955.1	29-May-96	51 A	851.2
03U674	955.1	04-Sep-96	52 A	850.1
03U701	908.7	10-Sep-93	40 A	845.3
03U701	908.7	01-Mar-94	42 A	847.0
03U701	908.7	02-Sep-94	44 A	845.5
03U701	908.7	09-Mar-95	46 A	845.3
03U701	908.7	06-Sep-95	48 A	844.8
03U701	908.7	29-May-96	51 A	846.4
03U701	908.7	04-Sep-96	52 A	844.6
03U702	908.1	10-Sep-93	40 A	844.9
03U702	908.1	01-Mar-94	42 A	846.6
03U702	908.1	02-Sep-94	44 A	845.0
03U702	908.1	09-Mar-95	46 A	844.8

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03U702	908.1	06-Sep-95	48 A	844.4
03U702	908.1	29-May-96	51 A	846.0
03U702	908.1	04-Sep-96	52 A	844.2
03U703	918.7	10-Sep-93	40 A	845.0
03U703	918.7	01-Mar-94	42 A	846.9
03U703	918.7	02-Sep-94	44 A	846.1
03U703	918.7	09-Mar-95	46 A	845.9
03U703	918.7	06-Sep-95	48 A	845.8
03U703	918.7	29-May-96	51 A	847.1
03U703	918.7	04-Sep-96	52 A	846.0
03U704	976.4	10-Sep-93	40 A	858.4
03U704	976.4	01-Mar-94	42 A	860.0
03U704	976.4	02-Sep-94	44 A	858.8
03U704	976.4	09-Mar-95	46 A	859.1
03U704	976.4	06-Sep-95	48 A	858.4
03U704	976.4	29-May-96	51 A	859.4
03U704	976.4	04-Sep-96	52 A	857.5
03U705	1047.2	10-Sep-93	40 A	858.8
03U705	1047.2	01-Mar-94	42 A	860.6
03U705	1047.2	02-Sep-94	44 A	859.3
03U705	1047.2	09-Mar-95	46 A	859.7
03U705	1047.2	06-Sep-95	48 A	858.8
03U705	1047.2	29-May-96	51 A	860.0
03U705	1047.2	04-Sep-96	52 A	857.8
03U706	918.3	10-Sep-93	40 A	858.7
03U706	918.3	01-Mar-94	42 A	860.2
03U706	918.3	02-Sep-94	44 A	858.9
03U706	918.3	09-Mar-95	46 A	859.3
03U706	918.3	06-Sep-95	48 A	858.4
03U706	918.3	29-May-96	51 A	859.5
03U706	918.3	04-Sep-96	52 A	857.4
03U707	916.1	10-Sep-93	40 A	859.4
03U707	916.1	01-Mar-94	42 A	860.8
03U707	916.1	02-Sep-94	44 A	859.4
03U707	916.1	09-Mar-95	46 A	859.9
03U707	916.1	06-Sep-95	48 A	858.9
03U707	916.1	29-May-96	51 A	860.1
03U707	916.1	04-Sep-96	52 A	857.8
03U708	919.8	10-Sep-93	40 A	847.0
03U708	919.8	01-Mar-94	42 A	848.9
03U708	919.8	02-Sep-94	44 A	847.8
03U708	919.8	09-Mar-95	46 A	847.6
03U708	919.8	06-Sep-95	48 A	847.3
03U708	919.8	29-May-96	51 A	848.3
03U708	919.8	04-Sep-96	52 A	847.2
03U709	910.1	10-Sep-93	40 A	846.3
03U709	910.1	01-Mar-94	42 A	848.0
03U709	910.1	02-Sep-94	44 A	846.7
03U709	910.1	09-Mar-95	46 A	846.6
03U709	910.1	06-Sep-95	48 A	846.1
03U709	910.1	29-May-96	51 A	847.4
03U709	910.1	04-Sep-96	52 A	846.0
03U710	944.7	10-Sep-93	40 A	847.1
03U710	944.7	01-Mar-94	42 A	849.0
03U710	944.7	02-Sep-94	44 A	848.1
03U710	944.7	09-Mar-95	46 A	847.9
03U710	944.7	06-Sep-95	48 A	847.6
03U710	944.7	29-May-96	51 A	848.6
03U710	944.7	04-Sep-96	52 A	847.7
03U711	906.9	10-Sep-93	40 A	845.7
03U711	906.9	01-Mar-94	42 A	847.3
03U711	906.9	02-Sep-94	44 A	846.0
03U711	906.9	09-Mar-95	46 A	846.0
03U711	906.9	06-Sep-95	48 A	845.4
03U711	906.9	29-May-96	51 A	846.6
03U711	906.9	04-Sep-96	52 A	845.2
03U715	961.0	10-Sep-93	40 A	853.0
03U715	961.0	01-Mar-94	42 A	854.8
03U715	961.0	02-Sep-94	44 A	853.9
03U715	961.0	09-Mar-95	46 A	853.9
03U715	961.0	06-Sep-95	48 A	853.1
03U715	961.0	29-May-96	51 A	854.3
03U715	961.0	04-Sep-96	52 A	853.0
03U716	950.1	10-Sep-93	40 A	851.9
03U716	950.1	01-Mar-94	42 A	853.7
03U716	950.1	02-Sep-94	44 A	852.5
03U716	950.1	09-Mar-95	46 A	652.6
03U716	950.1	06-Sep-95	48 A	851.9
03U716	950.1	29-May-96	51 A	852.9
03U716	950.1	04-Sep-96	52 A	851.6
03U801	912.2	10-Sep-93	40 A	846.0
03U801	912.2	01-Mar-94	42 A	847.6
03U801	912.2	02-Sep-94	44 A	846.6
03U801	912.2	09-Mar-95	46 A	846.6
03U801	912.2	06-Sep-95	48 A	846.0
03U801	912.2	29-May-96	51 A	847.3
03U801	912.2	04-Sep-96	52 A	846.0
03U803	898.1	10-Sep-93	40 A	845.1
03U803	898.1	01-Mar-94	42 A	846.5
03U803	898.1	02-Sep-94	44 A	845.5
03U803	898.1	12-Sep-94	44 F	845.5
03U803	898.1	09-Mar-95	46 A	845.7
03U803	898.1	06-Sep-95	48 A	845.1
03U803	898.1	29-May-96	51 A	846.1
03U803	898.1	04-Sep-96	52 A	845.0
03U804	910.1	10-Sep-93	40 A	845.8
03U804	910.1	01-Mar-94	42 A	847.3
03U804	910.1	02-Sep-94	44 A	846.1
03U804	910.1	09-Mar-95	46 A	846.1
03U804	910.1	06-Sep-95	48 A	845.4
03U804	910.1	29-May-96	51 A	846.7
03U804	910.1	04-Sep-96	52 A	845.3
03U805	905.3	10-Sep-93	40 A	844.3
03U805	905.3	01-Mar-94	42 A	845.9
03U805	905.3	02-Sep-94	44 A	844.4
03U805	905.3	09-Mar-95	46 A	844.5
03U805	905.3	06-Sep-95	48 A	843.8
03U805	905.3	29-May-96	51 A	845.2
03U805	905.3	04-Sep-96	52 A	843.5
03U806	909.6	10-Sep-93	40 A	844.6
03U806	909.6	01-Mar-94	42 A	846.2
03U806	909.6	02-Sep-94	44 A	844.8
03U806	909.6	09-Mar-95	46 A	844.7
03U806	909.6	06-Sep-95	48 A	844.1
03U806	909.6	29-May-96	51 A	845.6
03U806	909.6	04-Sep-96	52 A	843.9
03U811	908.2	18-Mar-94	42 F	844.9
03U811	908.2	23-Mar-95	46 F	843.0
03U811	908.2	29-May-96	51 A	843.6
03U811	908.2	06-Sep-96	52 A	841.9
03U815	872.6	21-Mar-94	42 F	838.4
03U815	872.6	23-Mar-95	46 F	836.8
03U815	872.6	29-May-96	51 A	838.2
03U815	872.6	06-Sep-96	52 A	835.2
03U821	878.0	18-Mar-94	42 F	836.8
03U821	878.0	15-Mar-95	46 F	835.2
03U821	878.0	29-May-96	51 A	835.6
03U821	878.0	06-Sep-96	52 A	833.2

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
03U822	876.7	18-Mar-94	42 F	836.2
03U822	876.7	15-Mar-95	46 F	835.6
03U824	879.9	18-Mar-94	42 F	836.0
03U824	879.9	15-Mar-95	46 F	834.5
03U824	879.9	29-May-96	51 A	835.3
03U824	879.9	06-Sep-96	52 A	832.9
03U831	888.6	21-Mar-94	42 F	835.4
03U831	888.6	16-Mar-95	46 F	833.8
03U831	888.6	29-May-96	51 A	835.2
03U831	888.6	06-Sep-96	52 A	832.8
03U832	884.8	21-Mar-94	42 F	835.6
03U832	884.8	30-Mar-94	42 A	834.7
03U832	884.8	31-Mar-94	42 A	835.1
03U832	884.8	10-Apr-94	43 A	835.0
03U832	884.8	17-Apr-94	43 A	835.0
03U832	884.8	18-Apr-94	43 A	835.5
03U832	884.8	18-Apr-94	43 A	835.5
03U832	884.8	18-Apr-94	43 A	835.4
03U832	884.8	19-Apr-94	43 A	834.9
03U832	884.8	20-Apr-94	43 A	835.0
03U832	884.8	21-Apr-94	43 A	835.1
03U832	884.8	22-Apr-94	43 A	835.2
03U832	884.8	25-Apr-94	43 A	835.4
03U832	884.8	26-Apr-94	43 A	835.4
03U832	884.8	28-Apr-94	43 A	834.8
03U832	884.8	29-Apr-94	43 A	834.8
03U832	884.8	02-May-94	43 A	835.3
03U832	884.8	09-May-94	43 A	835.0
03U832	884.8	16-May-94	43 A	834.4
03U832	884.8	23-May-94	43 A	834.3
03U832	884.8	20-Jun-94	43 A	833.6
03U832	884.8	19-Jul-94	44 A	833.5
03U832	884.8	10-Oct-94	45 A	832.7
03U832	884.8	27-Jan-95	46 A	833.4
03U832	884.8	06-Mar-95	46 A	833.2
03U832	884.8	21-Jun-95	47 A	833.0
03U832	884.8	05-Sep-95	48 A	832.6
03U832	884.8	14-Dec-95	49 A	833.3
03U832	884.8	05-Mar-96	50 A	833.6
03U832	884.8	28-May-96	51 A	834.3
03U832	884.8	16-Sep-96	52 A	831.3
03U841	911.5	10-Sep-93	40 A	842.5
03U841	911.5	01-Mar-94	42 A	842.8
03U841	911.5	02-Sep-94	44 A	841.3
04J077	912.3	10-Sep-93	40 A	841.4
04J077	912.3	01-Mar-94	42 A	843.1
04J077	912.3	02-Sep-94	44 A	841.7
04J077	912.3	09-Mar-95	46 A	841.4
04J077	912.3	06-Sep-95	48 A	840.7
04J077	912.3	29-May-96	51 A	841.7
04J077	912.3	04-Sep-96	52 A	840.1
04J702	908.3	10-Sep-93	40 A	843.8
04J702	908.3	01-Mar-94	42 A	845.5
04J702	908.3	02-Sep-94	44 A	843.9
04J702	908.3	09-Mar-95	46 A	843.6
04J702	908.3	06-Sep-95	48 A	843.1
04J702	908.3	29-May-96	51 A	844.4
04J702	908.3	04-Sep-96	52 A	842.7
04J708	919.2	10-Sep-93	40 A	845.0
04J708	919.2	01-Mar-94	42 A	846.7
04J708	919.2	02-Sep-94	44 A	845.3
04J708	919.2	09-Mar-95	46 A	845.1
04J708	919.2	06-Sep-95	48 A	844.5
04J708	919.2	29-May-96	51 A	845.8
04J708	919.2	04-Sep-96	52 A	844.2
04J713	895.9	10-Sep-93	40 A	844.0
04J713	895.9	01-Mar-94	42 A	845.5
04J713	895.9	02-Sep-94	44 A	844.2
04J713	895.9	09-Mar-95	46 A	842.9
04J713	895.9	06-Sep-95	48 A	842.7
04J713	895.9	29-May-96	51 A	844.3
04J713	895.9	04-Sep-96	52 A	842.4
04J714	891.6	10-Sep-93	40 A	845.1
04J714	891.6	01-Mar-94	42 A	847.1
04J714	891.6	02-Sep-94	44 A	845.0
04J714	891.6	09-Mar-95	46 A	844.5
04J714	891.6	06-Sep-95	48 A	844.2
04J714	891.6	29-May-96	51 A	845.8
04J714	891.6	04-Sep-96	52 A	843.7
04J834	946.1	23-Mar-94	42 F	805.4
04J834	946.1	12-Sep-94	44 F	800.6
04J834	946.1	27-Mar-95	46 F	807.5
04J834	946.1	11-Sep-95	48 F	800.9
04J834	946.1	29-May-96	51 A	810.9
04J834	946.1	06-Sep-96	52 A	797.9
04J835	940.4	23-Mar-94	42 F	805.9
04J835	940.4	12-Sep-94	44 F	798.4
04J835	940.4	27-Mar-95	46 F	805.6
04J835	940.4	12-Sep-95	48 F	796.9
04J864	906.2	30-Mar-94	42 A	827.8
04J864	906.2	31-Mar-94	42 A	828.0
04J864	906.2	10-Apr-94	43 A	828.5
04J864	906.2	17-Apr-94	43 A	829.2
04J864	906.2	18-Apr-94	43 A	829.4
04J864	906.2	18-Apr-94	43 A	829.5
04J864	906.2	18-Apr-94	43 A	829.2
04J864	906.2	19-Apr-94	43 A	828.3
04J864	906.2	20-Apr-94	43 A	828.5
04J864	906.2	21-Apr-94	43 A	828.5
04J864	906.2	22-Apr-94	43 A	828.3
04J864	906.2	25-Apr-94	43 A	828.5
04J864	906.2	26-Apr-94	43 A	828.3
04J864	906.2	28-Apr-94	43 A	828.3
04J864	906.2	29-Apr-94	43 A	827.9
04J864	906.2	02-May-94	43 A	828.5
04J864	906.2	09-May-94	43 A	828.8
04J864	906.2	16-May-94	43 A	827.3
04J864	906.2	23-May-94	43 A	826.5
04J864	906.2	20-Jun-94	43 A	825.5
04J864	906.2	19-Jul-94	44 A	825.9
04J864	906.2	10-Oct-94	45 A	825.0
04J864	906.2	27-Jan-95	46 A	826.8
04J864	906.2	06-Mar-95	46 A	826.9
04J864	906.2	21-Jun-95	47 A	824.2
04J864	906.2	05-Sep-95	48 A	824.8
04J864	906.2	14-Dec-95	49 A	827.2
04J864	906.2	05-Mar-96	50 A	827.5
04J864	906.2	28-May-96	51 A	826.5
04J864	906.2	16-Sep-96	52 A	823.6
04J866	908.5	30-Mar-94	42 A	828.5
04J866	908.5	31-Mar-94	42 A	828.7
04J866	908.5	10-Apr-94	43 A	829.1
04J866	908.5	17-Apr-94	43 A	829.9
04J866	908.5	18-Apr-94	43 A	830.2
04J866	908.5	18-Apr-94	43 A	829.8
04J866	908.5	18-Apr-94	43 A	830.1
04J866	908.5	19-Apr-94	43 A	828.9
04J866	908.5	20-Apr-94	43 A	829.2
04J866	908.5	21-Apr-94	43 A	829.2
04J866	908.5	22-Apr-94	43 A	829.2
04J866	908.5	25-Apr-94	43 A	829.1
04J866	908.5	26-Apr-94	43 A	828.8
04J866	908.5	28-Apr-94	43 A	829.0
04J866	908.5	29-Apr-94	43 A	828.5
04J866	908.5	02-May-94	43 A	829.2

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
04J866	908.5	09-May-94	43 A	829.5
04J866	908.5	16-May-94	43 A	827.9
04J866	908.5	23-May-94	43 A	827.3
04J866	908.5	20-Jun-94	43 A	826.3
04J866	908.5	19-Jul-94	44 A	826.7
04J866	908.5	10-Oct-94	45 A	825.7
04J866	908.5	27-Jan-95	46 A	827.5
04J866	908.5	06-Mar-95	46 A	827.6
04J866	908.5	21-Jun-95	47 A	825.1
04J866	908.5	05-Sep-95	48 A	825.6
04J866	908.5	14-Dec-95	49 A	827.8
04J866	908.5	05-Mar-96	50 A	828.1
04J866	908.5	28-May-96	51 A	827.2
04J866	908.5	16-Sep-96	52 A	824.8
04J882	884.8	23-Mar-94	42 F	773.3
04J882	884.8	12-Sep-94	44 F	745.4
04J882	884.8	27-Mar-95	46 F	772.1
04J882	884.8	11-Sep-95	48 F	770.0
04J882	884.8	29-May-96	51 A	775.6
04J882	884.8	06-Sep-96	52 A	762.0
04U001	888.8	10-Sep-93	40 A	845.7
04U001	888.8	01-Mar-94	42 A	847.5
04U001	888.8	02-Sep-94	44 A	845.6
04U001	888.8	09-Mar-95	46 A	845.2
04U001	888.8	06-Sep-95	48 A	844.8
04U001	888.8	29-May-96	51 A	846.4
04U001	888.8	04-Sep-96	52 A	844.2
04U002	920.4	10-Sep-93	40 A	845.5
04U002	920.4	01-Mar-94	42 A	847.2
04U002	920.4	02-Sep-94	44 A	845.7
04U002	920.4	09-Mar-95	46 A	845.5
04U002	920.4	06-Sep-95	48 A	844.9
04U002	920.4	29-May-96	51 A	846.1
04U002	920.4	04-Sep-96	52 A	844.7
04U003	943.2	10-Sep-93	40 A	846.4
04U003	943.2	01-Mar-94	42 A	848.0
04U003	943.2	02-Sep-94	44 A	846.9
04U003	943.2	09-Mar-95	46 A	847.0
04U003	943.2	06-Sep-95	48 A	846.5
04U003	943.2	29-May-96	51 A	847.7
04U003	943.2	04-Sep-96	52 A	846.3
04U007	903.1	10-Sep-93	40 A	856.3
04U007	903.1	01-Mar-94	42 A	858.2
04U007	903.1	11-Mar-94	42 F	858.8
04U007	903.1	02-Sep-94	44 A	856.8
04U007	903.1	09-Mar-95	46 A	857.5
04U007	903.1	06-Sep-95	48 A	857.1
04U007	903.1	08-Sep-95	48 F	856.4
04U007	903.1	29-May-96	51 A	857.6
04U007	903.1	04-Sep-96	52 A	855.6
04U012	880.2	10-Sep-93	40 A	858.8
04U012	880.2	01-Mar-94	42 A	860.2
04U012	880.2	02-Sep-94	44 A	858.4
04U012	880.2	09-Mar-95	46 A	859.0
04U012	880.2	06-Sep-95	48 A	857.8
04U012	880.2	29-May-96	51 A	859.4
04U012	880.2	04-Sep-96	52 A	856.0
04U020	954.8	10-Sep-93	40 A	851.1
04U020	954.8	01-Mar-94	42 A	852.8
04U020	954.8	02-Sep-94	44 A	851.6
04U020	954.8	09-Mar-95	46 A	851.6
04U020	954.8	06-Sep-95	48 A	850.8
04U020	954.8	29-May-96	51 A	852.2
04U020	954.8	04-Sep-96	52 A	850.7
04U027	967.2	10-Sep-93	40 A	849.9
04U027	967.2	01-Mar-94	42 A	851.7
04U027	967.2	02-Sep-94	44 A	850.6
04U027	967.2	09-Mar-95	46 A	850.5
04U027	967.2	06-Sep-95	48 A	849.7
04U027	967.2	29-May-96	51 A	851.1
04U027	967.2	04-Sep-96	52 A	849.7
04U077	912.1	10-Sep-93	40 A	844.2
04U077	912.1	01-Mar-94	42 A	845.8
04U077	912.1	02-Sep-94	44 A	844.3
04U077	912.1	09-Mar-95	46 A	844.1
04U077	912.1	06-Sep-95	48 A	843.6
04U077	912.1	29-May-96	51 A	845.0
04U077	912.1	04-Sep-96	52 A	843.4
04U510	911.0	10-Sep-93	40 A	865.0
04U510	911.0	01-Mar-94	42 A	865.8
04U510	911.0	11-Mar-94	42 F	868.9
04U510	911.0	02-Sep-94	44 A	864.0
04U510	911.0	09-Mar-95	46 A	865.0
04U510	911.0	06-Sep-95	48 A	864.4
04U510	911.0	29-May-96	51 A	865.9
04U510	911.0	04-Sep-96	52 A	861.7
04U673	897.8	10-Sep-93	40 A	841.8
04U673	897.8	01-Mar-94	42 A	843.4
04U673	897.8	30-Mar-94	42 A	843.2
04U673	897.8	31-Mar-94	42 A	843.5
04U673	897.8	10-Apr-94	43 A	843.3
04U673	897.8	17-Apr-94	43 A	843.2
04U673	897.8	18-Apr-94	43 A	844.1
04U673	897.8	18-Apr-94	43 A	844.1
04U673	897.8	18-Apr-94	43 A	844.0
04U673	897.8	19-Apr-94	43 A	843.3
04U673	897.8	20-Apr-94	43 A	843.3
04U673	897.8	21-Apr-94	43 A	843.3
04U673	897.8	22-Apr-94	43 A	843.3
04U673	897.8	25-Apr-94	43 A	843.7
04U673	897.8	26-Apr-94	43 A	843.9
04U673	897.8	28-Apr-94	43 A	843.2
04U673	897.8	29-Apr-94	43 A	843.1
04U673	897.8	02-May-94	43 A	843.4
04U673	897.8	09-May-94	43 A	843.4
04U673	897.8	16-May-94	43 A	843.1
04U673	897.8	23-May-94	43 A	843.3
04U673	897.8	20-Jun-94	43 A	843.0
04U673	897.8	19-Jul-94	44 A	843.9
04U673	897.8	02-Sep-94	44 A	842.0
04U673	897.8	10-Oct-94	45 A	842.4
04U673	897.8	10-Oct-94	45 A	842.4
04U673	897.8	27-Jan-95	46 A	842.9
04U673	897.8	06-Mar-95	46 A	842.7
04U673	897.8	09-Mar-95	46 A	842.2
04U673	897.8	21-Jun-95	47 A	843.5
04U673	897.8	05-Sep-95	48 A	842.0
04U673	897.8	06-Sep-95	48 A	841.5
04U673	897.8	14-Dec-95	49 A	842.8
04U673	897.8	05-Mar-96	50 A	842.9
04U673	897.8	28-May-96	51 A	843.5
04U673	897.8	16-Sep-96	52 A	841.6
04U701	908.7	10-Sep-93	40 A	843.4
04U701	908.7	01-Mar-94	42 A	845.1
04U701	908.7	02-Sep-94	44 A	843.6
04U701	908.7	09-Mar-95	46 A	843.3
04U701	908.7	06-Sep-95	48 A	842.8
04U701	908.7	29-May-96	51 A	844.1
04U701	908.7	04-Sep-96	52 A	842.4
04U702	907.9	10-Sep-93	40 A	844.3
04U702	907.9	01-Mar-94	42 A	845.9
04U702	907.9	02-Sep-94	44 A	844.4
04U702	907.9	09-Mar-95	46 A	844.1
04U702	907.9	06-Sep-95	48 A	843.6
04U702	907.9	29-May-96	51 A	845.1

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
04U702	907.9	04-Sep-96	52 A	843.4
04U708	919.3	10-Sep-93	40 A	845.8
04U708	919.3	01-Mar-94	42 A	847.4
04U708	919.3	02-Sep-94	44 A	846.1
04U708	919.3	09-Mar-95	46 A	845.9
04U708	919.3	06-Sep-95	48 A	845.5
04U708	919.3	29-May-96	51 A	846.8
04U708	919.3	04-Sep-96	52 A	845.2
04U709	910.0	10-Sep-93	40 A	844.7
04U709	910.0	01-Mar-94	42 A	846.3
04U709	910.0	02-Sep-94	44 A	844.9
04U709	910.0	09-Mar-95	46 A	844.6
04U709	910.0	06-Sep-95	48 A	844.2
04U709	910.0	29-May-96	51 A	845.5
04U709	910.0	04-Sep-96	52 A	843.9
04U711	906.6	10-Sep-93	40 A	844.4
04U711	906.6	01-Mar-94	42 A	846.1
04U711	906.6	02-Sep-94	44 A	844.5
04U711	906.6	09-Mar-95	46 A	844.6
04U711	906.6	06-Sep-95	48 A	844.0
04U711	906.6	29-May-96	51 A	845.3
04U711	906.6	04-Sep-96	52 A	843.7
04U713	895.5	10-Sep-93	40 A	846.5
04U713	895.5	01-Mar-94	42 A	848.2
04U713	895.5	02-Sep-94	44 A	846.8
04U713	895.5	09-Mar-95	46 A	846.4
04U713	895.5	06-Sep-95	48 A	845.9
04U713	895.5	29-May-96	51 A	847.3
04U713	895.5	04-Sep-96	52 A	845.6
04U714	891.5	10-Sep-93	40 A	845.2
04U714	891.5	01-Mar-94	42 A	847.2
04U714	891.5	02-Sep-94	44 A	845.2
04U714	891.5	09-Mar-95	46 A	844.6
04U714	891.5	06-Sep-95	48 A	844.3
04U714	891.5	29-May-96	51 A	845.9
04U714	891.5	04-Sep-96	52 A	843.9
04U802	903.0	10-Sep-93	40 A	845.9
04U802	903.0	01-Mar-94	42 A	847.5
04U802	903.0	02-Sep-94	44 A	846.4
04U802	903.0	09-Mar-95	46 A	846.7
04U802	903.0	06-Sep-95	48 A	846.0
04U802	903.0	29-May-96	51 A	847.3
04U802	903.0	04-Sep-96	52 A	845.8
04U806	909.6	10-Sep-93	40 A	843.7
04U806	909.6	01-Mar-94	42 A	845.3
04U806	909.6	02-Sep-94	44 A	843.8
04U806	909.6	09-Mar-95	46 A	843.8
04U806	909.6	06-Sep-95	48 A	843.1
04U806	909.6	29-May-96	51 A	844.5
04U806	909.6	04-Sep-96	52 A	842.8
04U821	877.6	09-Sep-93	40 F	834.2
04U821	877.6	18-Mar-94	42 F	836.5
04U821	877.6	12-Sep-94	44 F	834.1
04U821	877.6	15-Mar-95	46 F	834.9
04U821	877.6	12-Sep-95	48 F	834.0
04U832	883.8	30-Mar-94	42 A	834.5
04U832	883.8	31-Mar-94	42 A	834.7
04U832	883.8	10-Apr-94	43 A	834.8
04U832	883.8	17-Apr-94	43 A	835.3
04U832	883.8	18-Apr-94	43 A	835.1
04U832	883.8	18-Apr-94	43 A	835.3
04U832	883.8	18-Apr-94	43 A	835.3
04U832	883.8	19-Apr-94	43 A	834.6
04U832	883.8	20-Apr-94	43 A	834.7
04U832	883.8	21-Apr-94	43 A	834.9
04U832	883.8	22-Apr-94	43 A	835.0
04U832	883.8	25-Apr-94	43 A	835.1
04U832	883.8	26-Apr-94	43 A	835.2
04U832	883.8	28-Apr-94	43 A	834.5
04U832	883.8	29-Apr-94	43 A	834.6
04U832	883.8	02-May-94	43 A	835.0
04U832	883.8	09-May-94	43 A	834.8
04U832	883.8	16-May-94	43 A	834.2
04U832	883.8	23-May-94	43 A	834.0
04U832	883.8	20-Jun-94	43 A	833.2
04U832	883.8	19-Jul-94	44 A	833.1
04U832	883.8	10-Oct-94	45 A	832.4
04U832	883.8	27-Jan-95	46 A	833.1
04U832	883.8	06-Mar-95	46 A	833.1
04U832	883.8	21-Jun-95	47 A	832.6
04U832	883.8	05-Sep-95	48 A	832.3
04U832	883.8	14-Dec-95	49 A	833.0
04U832	883.8	05-Mar-96	50 A	833.3
04U832	883.8	28-May-96	51 A	833.9
04U832	883.8	16-Sep-96	52 A	830.9
04U833	908.3	01-Mar-94	42 A	845.2
04U833	908.3	02-Sep-94	44 A	843.6
04U833	908.3	09-Mar-95	46 A	843.4
04U833	908.3	06-Sep-95	48 A	842.7
04U833	908.3	29-May-96	51 A	844.3
04U833	908.3	04-Sep-96	52 A	842.5
04U834	945.7	23-Mar-94	42 F	810.8
04U834	945.7	10-Jun-94	43 F	806.5
04U834	945.7	27-Mar-95	46 F	810.7
04U834	945.7	11-Sep-95	48 F	805.0
04U834	945.7	29-May-96	51 A	803.4
04U834	945.7	06-Sep-96	52 A	802.4
04U841	911.5	10-Sep-93	40 F	841.9
04U841	911.5	17-Mar-94	42 F	844.6
04U841	911.5	30-Mar-94	42 A	842.6
04U841	911.5	31-Mar-94	42 A	842.9
04U841	911.5	10-Apr-94	43 A	842.7
04U841	911.5	17-Apr-94	43 A	842.5
04U841	911.5	18-Apr-94	43 A	843.5
04U841	911.5	18-Apr-94	43 A	843.5
04U841	911.5	18-Apr-94	43 A	843.4
04U841	911.5	19-Apr-94	43 A	842.6
04U841	911.5	20-Apr-94	43 A	842.6
04U841	911.5	21-Apr-94	43 A	842.6
04U841	911.5	22-Apr-94	43 A	842.7
04U841	911.5	25-Apr-94	43 A	843.0
04U841	911.5	26-Apr-94	43 A	843.2
04U841	911.5	28-Apr-94	43 A	842.5
04U841	911.5	29-Apr-94	43 A	842.4
04U841	911.5	02-May-94	43 A	842.7
04U841	911.5	09-May-94	43 A	842.7
04U841	911.5	16-May-94	43 A	842.4
04U841	911.5	23-May-94	43 A	842.6
04U841	911.5	20-Jun-94	43 A	842.2
04U841	911.5	19-Jul-94	44 A	843.6
04U841	911.5	10-Oct-94	45 A	841.7
04U841	911.5	27-Jan-95	46 A	842.3
04U841	911.5	06-Mar-95	46 A	842.2
04U841	911.5	09-Mar-95	46 A	842.8
04U841	911.5	21-Jun-95	47 A	842.9
04U841	911.5	05-Sep-95	48 A	841.4
04U841	911.5	06-Sep-95	48 A	842.0
04U841	911.5	14-Dec-95	49 A	842.3
04U841	911.5	05-Mar-96	50 A	842.3
04U841	911.5	28-May-96	51 A	843.0
04U841	911.5	29-May-96	51 A	843.6
04U841	911.5	16-Sep-96	52 A	841.0
04U843	886.1	18-Mar-94	42 F	836.5
04U843	886.1	15-Mar-95	46 F	834.9
04U843	886.1	29-May-96	51 A	835.3

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
04U843	886.1	06-Sep-96	52 A	833.1
04U844	884.5	30-Mar-94	42 A	834.4
04U844	884.5	31-Mar-94	42 A	834.7
04U844	884.5	10-Apr-94	43 A	834.7
04U844	884.5	17-Apr-94	43 A	834.8
04U844	884.5	18-Apr-94	43 A	835.2
04U844	884.5	18-Apr-94	43 A	835.2
04U844	884.5	18-Apr-94	43 A	835.1
04U844	884.5	19-Apr-94	43 A	834.5
04U844	884.5	20-Apr-94	43 A	834.6
04U844	884.5	21-Apr-94	43 A	834.8
04U844	884.5	22-Apr-94	43 A	834.8
04U844	884.5	25-Apr-94	43 A	835.0
04U844	884.5	26-Apr-94	43 A	835.0
04U844	884.5	28-Apr-94	43 A	834.4
04U844	884.5	29-Apr-94	43 A	834.5
04U844	884.5	02-May-94	43 A	834.9
04U844	884.5	09-May-94	43 A	834.7
04U844	884.5	16-May-94	43 A	834.1
04U844	884.5	23-May-94	43 A	833.9
04U844	884.5	08-Jun-94	43 F	832.6
04U844	884.5	20-Jun-94	43 A	833.2
04U844	884.5	19-Jul-94	44 A	833.2
04U844	884.5	10-Oct-94	45 A	832.3
04U844	884.5	27-Jan-95	46 A	833.1
04U844	884.5	06-Mar-95	46 A	833.2
04U844	884.5	21-Jun-95	47 A	832.6
04U844	884.5	05-Sep-95	48 A	832.3
04U844	884.5	14-Dec-95	49 A	833.1
04U844	884.5	05-Mar-96	50 A	833.3
04U844	884.5	28-May-96	51 A	833.8
04U844	884.5	16-Sep-96	52 A	831.0
04U845	894.5	31-Mar-94	42 A	836.5
04U845	894.5	10-Apr-94	43 A	836.4
04U845	894.5	17-Apr-94	43 A	836.4
04U845	894.5	18-Apr-94	43 A	836.8
04U845	894.5	18-Apr-94	43 A	837.0
04U845	894.5	18-Apr-94	43 A	837.0
04U845	894.5	19-Apr-94	43 A	836.3
04U845	894.5	20-Apr-94	43 A	836.4
04U845	894.5	21-Apr-94	43 A	836.5
04U845	894.5	22-Apr-94	43 A	836.5
04U845	894.5	25-Apr-94	43 A	836.8
04U845	894.5	26-Apr-94	43 A	836.8
04U845	894.5	28-Apr-94	43 A	836.2
04U845	894.5	29-Apr-94	43 A	836.3
04U845	894.5	02-May-94	43 A	836.7
04U845	894.5	09-May-94	43 A	836.5
04U845	894.5	16-May-94	43 A	835.9
04U845	894.5	23-May-94	43 A	835.8
04U845	894.5	20-Jun-94	43 A	835.2
04U845	894.5	19-Jul-94	44 A	835.3
04U845	894.5	10-Oct-94	45 A	834.2
04U845	894.5	27-Jan-95	46 A	835.0
04U845	894.5	06-Mar-95	46 A	835.0
04U845	894.5	21-Jun-95	47 A	834.7
04U845	894.5	05-Sep-95	48 A	834.1
04U845	894.5	14-Dec-95	49 A	834.9
04U845	894.5	05-Mar-96	50 A	835.1
04U845	894.5	28-May-96	51 A	835.7
04U845	894.5	16-Sep-96	52 A	833.0
04U846	888.4	21-Mar-94	42 F	832.0
04U846	888.4	30-Mar-94	42 A	831.9
04U846	888.4	31-Mar-94	42 A	832.0
04U846	888.4	10-Apr-94	43 A	832.1
04U846	888.4	17-Apr-94	43 A	832.3
04U846	888.4	18-Apr-94	43 A	831.9
04U846	888.4	18-Apr-94	43 A	832.1
04U846	888.4	18-Apr-94	43 A	832.6
04U846	888.4	19-Apr-94	43 A	831.5
04U846	888.4	20-Apr-94	43 A	832.2
04U846	888.4	21-Apr-94	43 A	832.3
04U846	888.4	22-Apr-94	43 A	832.2
04U846	888.4	25-Apr-94	43 A	832.3
04U846	888.4	26-Apr-94	43 A	832.0
04U846	888.4	28-Apr-94	43 A	831.3
04U846	888.4	29-Apr-94	43 A	831.9
04U846	888.4	02-May-94	43 A	832.2
04U846	888.4	09-May-94	43 A	831.7
04U846	888.4	16-May-94	43 A	831.2
04U846	888.4	23-May-94	43 A	830.9
04U846	888.4	20-Jun-94	43 A	830.1
04U846	888.4	19-Jul-94	44 A	829.7
04U846	888.4	10-Oct-94	45 A	829.4
04U846	888.4	27-Jan-95	46 A	830.1
04U846	888.4	06-Mar-95	46 A	830.2
04U846	888.4	21-Jun-95	47 A	829.4
04U846	888.4	05-Sep-95	48 A	829.2
04U846	888.4	14-Dec-95	49 A	829.7
04U846	888.4	05-Mar-96	50 A	835.1
04U846	888.4	28-May-96	51 A	830.2
04U846	888.4	16-Sep-96	52 A	827.7
04U847	914.9	10-Sep-93	40 A	842.2
04U847	914.9	10-Sep-93	40 F	841.8
04U847	914.9	01-Mar-94	42 A	843.8
04U847	914.9	17-Mar-94	42 F	844.2
04U847	914.9	02-Sep-94	44 A	842.2
04U847	914.9	12-Sep-94	44 F	841.8
04U847	914.9	09-Mar-95	46 A	842.4
04U847	914.9	05-Sep-95	48 F	840.2
04U847	914.9	06-Sep-95	48 A	841.6
04U848	902.6	30-Mar-94	42 A	842.2
04U848	902.6	31-Mar-94	42 A	842.6
04U848	902.6	10-Apr-94	43 A	842.4
04U848	902.6	17-Apr-94	43 A	842.2
04U848	902.6	18-Apr-94	43 A	843.2
04U848	902.6	18-Apr-94	43 A	843.1
04U848	902.6	18-Apr-94	43 A	843.1
04U848	902.6	19-Apr-94	43 A	842.3
04U848	902.6	20-Apr-94	43 A	842.3
04U848	902.6	21-Apr-94	43 A	842.3
04U848	902.6	22-Apr-94	43 A	842.4
04U848	902.6	25-Apr-94	43 A	842.8
04U848	902.6	26-Apr-94	43 A	843.0
04U848	902.6	28-Apr-94	43 A	842.2
04U848	902.6	29-Apr-94	43 A	842.2
04U848	902.6	02-May-94	43 A	842.4
04U848	902.6	09-May-94	43 A	842.5
04U848	902.6	16-May-94	43 A	842.1
04U848	902.6	23-May-94	43 A	842.4
04U848	902.6	20-Jun-94	43 A	841.9
04U848	902.6	19-Jul-94	44 A	843.0
04U848	902.6	10-Oct-94	45 A	841.3
04U848	902.6	27-Jan-95	46 A	842.3
04U848	902.6	06-Mar-95	46 A	842.2
04U848	902.6	21-Jun-95	47 A	842.7
04U848	902.6	05-Sep-95	48 A	841.4
04U848	902.6	14-Dec-95	49 A	842.3
04U848	902.6	28-May-96	51 A	842.9
04U848	902.6	16-Sep-96	52 A	841.0
04U849	873.0	21-Mar-94	42 F	831.8
04U849	873.0	23-Mar-95	46 F	829.8
04U850	916.8	22-Mar-94	42 F	831.7
04U850	916.8	24-Mar-95	46 F	829.2
04U850	916.8	29-May-96	51 A	830.6
04U850	916.8	06-Sep-96	52 A	827.6
04U851	913.4	30-Mar-94	42 A	831.3
04U851	913.4	31-Mar-94	42 A	831.4
04U851	913.4	10-Apr-94	43 A	831.6
04U851	913.4	17-Apr-94	43 A	831.8

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
04U851	913.4	18-Apr-94	43 A	831.4
04U851	913.4	18-Apr-94	43 A	831.7
04U851	913.4	18-Apr-94	43 A	832.1
04U851	913.4	19-Apr-94	43 A	831.0
04U851	913.4	20-Apr-94	43 A	831.5
04U851	913.4	21-Apr-94	43 A	831.7
04U851	913.4	22-Apr-94	43 A	831.7
04U851	913.4	25-Apr-94	43 A	831.8
04U851	913.4	26-Apr-94	43 A	831.7
04U851	913.4	28-Apr-94	43 A	830.8
04U851	913.4	29-Apr-94	43 A	830.9
04U851	913.4	02-May-94	43 A	831.6
04U851	913.4	09-May-94	43 A	831.3
04U851	913.4	16-May-94	43 A	830.6
04U851	913.4	23-May-94	43 A	830.2
04U851	913.4	20-Jun-94	43 A	829.2
04U851	913.4	19-Jul-94	44 A	829.0
04U851	913.4	10-Oct-94	45 A	828.9
04U851	913.4	27-Jan-95	46 A	829.7
04U851	913.4	06-Mar-95	46 A	829.9
04U851	913.4	21-Jun-95	47 A	828.6
04U851	913.4	05-Sep-95	48 A	828.5
04U851	913.4	14-Dec-95	49 A	829.5
04U851	913.4	05-Mar-96	50 A	829.9
04U851	913.4	28-May-96	51 A	829.9
04U851	913.4	16-Sep-96	52 A	827.3
04U852	902.9	22-Mar-94	42 F	829.1
04U852	902.9	30-Mar-94	42 A	829.2
04U852	902.9	31-Mar-94	42 A	829.3
04U852	902.9	10-Apr-94	43 A	829.6
04U852	902.9	17-Apr-94	43 A	829.8
04U852	902.9	18-Apr-94	43 A	830.0
04U852	902.9	18-Apr-94	43 A	829.7
04U852	902.9	18-Apr-94	43 A	829.4
04U852	902.9	19-Apr-94	43 A	828.9
04U852	902.9	20-Apr-94	43 A	829.3
04U852	902.9	21-Apr-94	43 A	829.5
04U852	902.9	22-Apr-94	43 A	829.4
04U852	902.9	25-Apr-94	43 A	829.6
04U852	902.9	26-Apr-94	43 A	829.5
04U852	902.9	28-Apr-94	43 A	828.9
04U852	902.9	29-Apr-94	43 A	828.9
04U852	902.9	02-May-94	43 A	829.5
04U852	902.9	09-May-94	43 A	829.3
04U852	902.9	16-May-94	43 A	828.5
04U852	902.9	23-May-94	43 A	827.9
04U852	902.9	20-Jun-94	43 A	Obstructed
04U852	902.9	19-Jul-94	44 A	826.6
04U852	902.9	10-Oct-94	45 A	826.8
04U852	902.9	27-Jan-95	46 A	827.9
04U852	902.9	06-Mar-95	46 A	828.1
04U852	902.9	21-Jun-95	47 A	826.1
04U852	902.9	05-Sep-95	48 A	826.0
04U852	902.9	14-Dec-95	49 A	827.7
04U852	902.9	05-Mar-96	50 A	828.2
04U852	902.9	28-May-96	51 A	827.8
04U854	889.8	21-Mar-94	42 F	835.6
04U854	889.8	30-Mar-94	42 A	834.7
04U854	889.8	31-Mar-94	42 A	835.1
04U854	889.8	10-Apr-94	43 A	835.2
04U854	889.8	17-Apr-94	43 A	835.3
04U854	889.8	18-Apr-94	43 A	835.7
04U854	889.8	18-Apr-94	43 A	835.5
04U854	889.8	18-Apr-94	43 A	835.7
04U854	889.8	19-Apr-94	43 A	835.0
04U854	889.8	20-Apr-94	43 A	835.1
04U854	889.8	21-Apr-94	43 A	835.2
04U854	889.8	22-Apr-94	43 A	835.4
04U854	889.8	25-Apr-94	43 A	835.5
04U854	889.8	26-Apr-94	43 A	835.5
04U854	889.8	28-Apr-94	43 A	834.9
04U854	889.8	29-Apr-94	43 A	835.1
04U854	889.8	02-May-94	43 A	835.5
04U854	889.8	09-May-94	43 A	835.2
04U854	889.8	16-May-94	43 A	834.6
04U854	889.8	23-May-94	43 A	834.4
04U854	889.8	20-Jun-94	43 A	833.6
04U854	889.8	19-Jul-94	44 A	833.6
04U854	889.8	10-Oct-94	45 A	832.8
04U854	889.8	27-Jan-95	46 A	833.5
04U854	889.8	06-Mar-95	46 A	833.5
04U854	889.8	21-Jun-95	47 A	833.0
04U854	889.8	05-Sep-95	48 A	832.7
04U854	889.8	14-Dec-95	49 A	833.5
04U854	889.8	05-Mar-96	50 A	833.7
04U854	889.8	28-May-96	51 A	834.4
04U854	889.8	16-Sep-96	52 A	831.4
04U855	896.1	21-Mar-94	42 F	834.6
04U855	896.1	23-Mar-95	46 F	833.0
04U855	896.1	29-May-96	51 A	833.7
04U855	896.1	06-Sep-96	52 A	831.6
04U859	901.0	18-Mar-94	42 F	842.3
04U859	901.0	30-Mar-94	42 A	841.8
04U859	901.0	31-Mar-94	42 A	842.2
04U859	901.0	10-Apr-94	43 A	842.0
04U859	901.0	17-Apr-94	43 A	841.8
04U859	901.0	18-Apr-94	43 A	842.8
04U859	901.0	18-Apr-94	43 A	842.7
04U859	901.0	18-Apr-94	43 A	842.8
04U859	901.0	19-Apr-94	43 A	841.9
04U859	901.0	20-Apr-94	43 A	841.9
04U859	901.0	21-Apr-94	43 A	841.9
04U859	901.0	22-Apr-94	43 A	842.1
04U859	901.0	25-Apr-94	43 A	842.4
04U859	901.0	26-Apr-94	43 A	842.6
04U859	901.0	28-Apr-94	43 A	841.8
04U859	901.0	29-Apr-94	43 A	841.8
04U859	901.0	02-May-94	43 A	842.1
04U859	901.0	09-May-94	43 A	842.1
04U859	901.0	16-May-94	43 A	841.7
04U859	901.0	23-May-94	43 A	841.9
04U859	901.0	20-Jun-94	43 A	841.5
04U859	901.0	19-Jul-94	44 A	842.6
04U859	901.0	10-Oct-94	45 A	840.8
04U859	901.0	27-Jan-95	46 A	841.0
04U859	901.0	06-Mar-95	46 A	840.9
04U859	901.0	21-Jun-95	47 A	841.4
04U859	901.0	05-Sep-95	48 A	840.1
04U859	901.0	14-Dec-95	49 A	841.0
04U859	901.0	05-Mar-96	50 A	841.0
04U859	901.0	28-May-96	51 A	841.6
04U859	901.0	16-Sep-96	52 A	839.5
04U860	893.9	30-Mar-94	42 A	834.7
04U860	893.9	31-Mar-94	42 A	835.0
04U860	893.9	10-Apr-94	43 A	835.1
04U860	893.9	17-Apr-94	43 A	835.2
04U860	893.9	18-Apr-94	43 A	835.6
04U860	893.9	18-Apr-94	43 A	835.6
04U860	893.9	18-Apr-94	43 A	835.5
04U860	893.9	19-Apr-94	43 A	834.9
04U860	893.9	20-Apr-94	43 A	835.1
04U860	893.9	21-Apr-94	43 A	835.2
04U860	893.9	22-Apr-94	43 A	835.2
04U860	893.9	25-Apr-94	43 A	835.5
04U860	893.9	26-Apr-94	43 A	835.4
04U860	893.9	28-Apr-94	43 A	834.8
04U860	893.9	29-Apr-94	43 A	835.0
04U860	893.9	02-May-94	43 A	835.4
04U860	893.9	09-May-94	43 A	835.1
04U860	893.9	16-May-94	43 A	834.5
04U860	893.9	23-May-94	43 A	834.3
04U860	893.9	20-Jun-94	43 A	833.6
04U860	893.9	19-Jul-94	44 A	833.4

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
04U860	893.9	10-Oct-94	45 A	832.8
04U860	893.9	27-Jan-95	46 A	833.4
04U860	893.9	06-Mar-95	46 A	833.4
04U860	893.9	21-Jun-95	47 A	833.0
04U860	893.9	05-Sep-95	48 A	832.6
04U860	893.9	14-Dec-95	49 A	833.4
04U860	893.9	05-Mar-96	50 A	833.6
04U860	893.9	28-May-96	51 A	834.3
04U860	893.9	16-Sep-96	52 A	831.4
04U861	888.8	30-Mar-94	42 A	834.9
04U861	888.8	31-Mar-94	42 A	835.3
04U861	888.8	10-Apr-94	43 A	835.3
04U861	888.8	17-Apr-94	43 A	835.3
04U861	888.8	18-Apr-94	43 A	835.6
04U861	888.8	18-Apr-94	43 A	835.8
04U861	888.8	18-Apr-94	43 A	835.8
04U861	888.8	19-Apr-94	43 A	835.1
04U861	888.8	20-Apr-94	43 A	835.2
04U861	888.8	21-Apr-94	43 A	835.4
04U861	888.8	22-Apr-94	43 A	835.5
04U861	888.8	25-Apr-94	43 A	835.6
04U861	888.8	26-Apr-94	43 A	835.6
04U861	888.8	28-Apr-94	43 A	835.0
04U861	888.8	29-Apr-94	43 A	835.1
04U861	888.8	02-May-94	43 A	835.5
04U861	888.8	09-May-94	43 A	835.3
04U861	888.8	16-May-94	43 A	834.7
04U861	888.8	23-May-94	43 A	834.5
04U861	888.8	20-Jun-94	43 A	833.8
04U861	888.8	19-Jul-94	44 A	833.8
04U861	888.8	10-Oct-94	45 A	833.0
04U861	888.8	27-Jan-95	46 A	833.6
04U861	888.8	06-Mar-95	46 A	833.7
04U861	888.8	21-Jun-95	47 A	833.2
04U861	888.8	05-Sep-95	48 A	832.8
04U861	888.8	14-Dec-95	49 A	833.6
04U861	888.8	05-Mar-96	50 A	833.8
04U861	888.8	28-May-96	51 A	834.5
04U861	888.8	16-Sep-96	52 A	831.6
04U863	893.1	30-Mar-94	42 A	834.3
04U863	893.1	31-Mar-94	42 A	834.6
04U863	893.1	10-Apr-94	43 A	834.7
04U863	893.1	17-Apr-94	43 A	834.8
04U863	893.1	18-Apr-94	43 A	834.9
04U863	893.1	18-Apr-94	43 A	835.1
04U863	893.1	18-Apr-94	43 A	835.1
04U863	893.1	19-Apr-94	43 A	834.4
04U863	893.1	20-Apr-94	43 A	834.6
04U863	893.1	21-Apr-94	43 A	834.7
04U863	893.1	22-Apr-94	43 A	834.9
04U863	893.1	25-Apr-94	43 A	835.1
04U863	893.1	26-Apr-94	43 A	834.9
04U863	893.1	28-Apr-94	43 A	834.4
04U863	893.1	29-Apr-94	43 A	834.4
04U863	893.1	02-May-94	43 A	835.0
04U863	893.1	09-May-94	43 A	834.7
04U863	893.1	16-May-94	43 A	834.0
04U863	893.1	23-May-94	43 A	833.8
04U863	893.1	20-Jun-94	43 A	832.9
04U863	893.1	19-Jul-94	44 A	832.8
04U863	893.1	10-Oct-94	45 A	832.2
04U863	893.1	27-Jan-95	46 A	832.9
04U863	893.1	06-Mar-95	46 A	833.0
04U863	893.1	21-Jun-95	47 A	832.4
04U863	893.1	05-Sep-95	48 A	832.1
04U863	893.1	14-Dec-95	49 A	832.8
04U863	893.1	05-Mar-96	50 A	833.1
04U863	893.1	28-May-96	51 A	833.8
04U863	893.1	16-Sep-96	52 A	830.9
04U864	906.4	30-Mar-94	42 A	832.6
04U864	906.4	31-Mar-94	42 A	832.7
04U864	906.4	10-Apr-94	43 A	832.9
04U864	906.4	17-Apr-94	43 A	833.1
04U864	906.4	18-Apr-94	43 A	832.1
04U864	906.4	18-Apr-94	43 A	831.8
04U864	906.4	18-Apr-94	43 A	833.3
04U864	906.4	19-Apr-94	43 A	831.3
04U864	906.4	20-Apr-94	43 A	832.3
04U864	906.4	21-Apr-94	43 A	833.0
04U864	906.4	22-Apr-94	43 A	833.0
04U864	906.4	25-Apr-94	43 A	833.2
04U864	906.4	26-Apr-94	43 A	832.6
04U864	906.4	28-Apr-94	43 A	831.3
04U864	906.4	29-Apr-94	43 A	831.3
04U864	906.4	02-May-94	43 A	832.9
04U864	906.4	09-May-94	43 A	832.3
04U864	906.4	16-May-94	43 A	830.8
04U864	906.4	23-May-94	43 A	830.8
04U864	906.4	20-Jun-94	43 A	829.7
04U864	906.4	19-Jul-94	44 A	829.6
04U864	906.4	10-Oct-94	45 A	829.1
04U864	906.4	27-Jan-95	46 A	829.7
04U864	906.4	06-Mar-95	46 A	829.9
04U864	906.4	21-Jun-95	47 A	829.1
04U864	906.4	05-Sep-95	48 A	829.0
04U864	906.4	14-Dec-95	49 A	829.5
04U864	906.4	05-Mar-96	50 A	830.0
04U864	906.4	28-May-96	51 A	830.2
04U864	906.4	16-Sep-96	52 A	827.6
04U865	913.0	30-Mar-94	42 A	833.2
04U865	913.0	31-Mar-94	42 A	833.3
04U865	913.0	10-Apr-94	43 A	833.5
04U865	913.0	17-Apr-94	43 A	833.6
04U865	913.0	18-Apr-94	43 A	833.8
04U865	913.0	18-Apr-94	43 A	832.5
04U865	913.0	18-Apr-94	43 A	832.2
04U865	913.0	19-Apr-94	43 A	831.7
04U865	913.0	20-Apr-94	43 A	832.8
04U865	913.0	21-Apr-94	43 A	833.6
04U865	913.0	22-Apr-94	43 A	833.7
04U865	913.0	25-Apr-94	43 A	833.8
04U865	913.0	26-Apr-94	43 A	832.2
04U865	913.0	28-Apr-94	43 A	831.6
04U865	913.0	29-Apr-94	43 A	831.6
04U865	913.0	02-May-94	43 A	833.8
04U865	913.0	09-May-94	43 A	832.7
04U865	913.0	16-May-94	43 A	831.4
04U865	913.0	23-May-94	43 A	831.1
04U865	913.0	20-Jun-94	43 A	830.2
04U865	913.0	19-Jul-94	44 A	830.0
04U865	913.0	10-Oct-94	45 A	829.5
04U865	913.0	27-Jan-95	46 A	830.1
04U865	913.0	06-Mar-95	46 A	830.2
04U865	913.0	21-Jun-95	47 A	829.5
04U865	913.0	05-Sep-95	48 A	829.3
04U865	913.0	14-Dec-95	49 A	829.7
04U865	913.0	05-Mar-96	50 A	830.4
04U865	913.0	28-May-96	51 A	830.6
04U865	913.0	16-Sep-96	52 A	827.8
04U866	908.4	30-Mar-94	42 A	832.0
04U866	908.4	31-Mar-94	42 A	832.1
04U866	908.4	10-Apr-94	43 A	832.3
04U866	908.4	17-Apr-94	43 A	832.4
04U866	908.4	18-Apr-94	43 A	832.6
04U866	908.4	18-Apr-94	43 A	831.3
04U866	908.4	18-Apr-94	43 A	831.0
04U866	908.4	19-Apr-94	43 A	830.5
04U866	908.4	20-Apr-94	43 A	831.6
04U866	908.4	21-Apr-94	43 A	832.4
04U866	908.4	22-Apr-94	43 A	832.4
04U866	908.4	25-Apr-94	43 A	832.5
04U866	908.4	26-Apr-94	43 A	830.9
04U866	908.4	28-Apr-94	43 A	830.4

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
04U866	908.4	29-Apr-94	43 A	830.4
04U866	908.4	02-May-94	43 A	832.1
04U866	908.4	09-May-94	43 A	831.7
04U866	908.4	16-May-94	43 A	830.2
04U866	908.4	23-May-94	43 A	830.0
04U866	908.4	20-Jun-94	43 A	828.9
04U866	908.4	19-Jul-94	44 A	828.7
04U866	908.4	10-Oct-94	45 A	828.3
04U866	908.4	27-Jan-95	46 A	829.0
04U866	908.4	06-Mar-95	46 A	829.2
04U866	908.4	21-Jun-95	47 A	828.2
04U866	908.4	05-Sep-95	48 A	828.1
04U866	908.4	14-Dec-95	49 A	828.4
04U866	908.4	05-Mar-96	50 A	829.1
04U866	908.4	28-May-96	51 A	829.1
04U866	908.4	16-Sep-96	52 A	826.7
04U871	957.1	22-Mar-94	42 F	819.7
04U871	957.1	20-Mar-95	46 F	819.2
04U871	957.1	29-May-96	51 A	818.5
04U871	957.1	06-Sep-96	52 A	816.2
04U872	952.2	23-Mar-94	42 F	818.5
04U872	952.2	24-Mar-95	46 F	817.1
04U872	952.2	29-May-96	51 A	816.4
04U872	952.2	06-Sep-96	52 A	814.3
04U875	1013.6	24-Mar-94	42 F	818.1
04U875	1013.6	24-Mar-95	46 F	817.9
04U875	1013.6	29-May-96	51 A	818.5
04U875	1013.6	06-Sep-96	52 A	816.2
04U877	920.9	22-Mar-94	42 F	831.7
04U877	920.9	30-Mar-94	42 A	831.3
04U877	920.9	31-Mar-94	42 A	831.3
04U877	920.9	10-Apr-94	43 A	831.6
04U877	920.9	17-Apr-94	43 A	831.8
04U877	920.9	18-Apr-94	43 A	831.3
04U877	920.9	18-Apr-94	43 A	831.5
04U877	920.9	18-Apr-94	43 A	832.0
04U877	920.9	19-Apr-94	43 A	831.0
04U877	920.9	20-Apr-94	43 A	831.5
04U877	920.9	21-Apr-94	43 A	831.7
04U877	920.9	22-Apr-94	43 A	831.6
04U877	920.9	25-Apr-94	43 A	831.8
04U877	920.9	26-Apr-94	43 A	831.6
04U877	920.9	28-Apr-94	43 A	830.6
04U877	920.9	29-Apr-94	43 A	830.8
04U877	920.9	02-May-94	43 A	831.5
04U877	920.9	09-May-94	43 A	831.1
04U877	920.9	16-May-94	43 A	830.6
04U877	920.9	23-May-94	43 A	830.3
04U877	920.9	20-Jun-94	43 A	829.3
04U877	920.9	19-Jul-94	44 A	829.0
04U877	920.9	10-Oct-94	45 A	828.8
04U877	920.9	27-Jan-95	46 A	829.5
04U877	920.9	06-Mar-95	46 A	829.8
04U877	920.9	21-Jun-95	47 A	828.6
04U877	920.9	05-Sep-95	48 A	828.7
04U877	920.9	14-Dec-95	49 A	829.1
04U877	920.9	05-Mar-96	50 A	829.5
04U877	920.9	28-May-96	51 A	829.5
04U877	920.9	16-Sep-96	52 A	827.1
04U879	945.6	22-Mar-94	42 F	830.2
04U879	945.6	23-Mar-95	46 F	829.1
04U879	945.6	29-May-96	51 A	829.2
04U879	945.6	06-Sep-96	52 A	827.4
04U880	972.0	24-Mar-94	42 F	815.0
04U880	972.0	25-Mar-95	46 F	816.7
04U880	972.0	29-May-96	51 A	814.9
04U880	972.0	06-Sep-96	52 A	812.3
04U881	976.5	23-Mar-94	42 F	814.0
04U881	976.5	25-Mar-95	46 F	813.8
04U881	976.5	29-May-96	51 A	812.6
04U881	976.5	06-Sep-96	52 A	808.9
04U882	917.7	10-Sep-93	40 F	804.2
04U882	917.7	23-Mar-94	42 F	809.1
04U882	917.7	12-Sep-94	44 F	803.8
04U882	917.7	27-Mar-95	46 F	809.7
04U882	917.7	11-Sep-95	48 F	799.9
04U882	917.7	29-May-96	51 A	801.6
04U882	917.7	06-Sep-96	52 A	801.3
04U883	948.6	24-Mar-94	42 F	808.0
04U883	948.6	27-Mar-95	46 F	807.9
110485		02-Aug-95	48 F	-246.0
161432	919.0	02-Aug-95	48 F	655.9
200524	946.5	29-May-96	51 A	777.5
200524	946.5	06-Sep-96	52 A	812.0
200803	1012.7	29-May-96	51 A	779.7
200803	1012.7	06-Sep-96	52 A	807.9
200804	1015	29-May-96	51 A	785.0
200804	1015	06-Sep-96	52 A	813.3
206791	920.0	02-Aug-95	48 F	814.1
206792	1000.8	08-Sep-95	48 F	814.8
206792	1000.8	29-May-96	51 A	819.1
206792	1000.8	06-Sep-96	52 A	815.1
206793	999	29-May-96	51 A	828.9
206793	999	06-Sep-96	52 A	818.9
206794	994.0	02-Aug-95	48 F	539.0
206795	993.0	02-Aug-95	48 F	584.0
206796	965.0	08-Sep-95	48 F	702.0
206796	965.0	29-May-96	51 A	717.0
206796	965.0	06-Sep-96	52 A	729.0
206797	1025.8	29-May-96	51 A	765.2
206797	1025.8	06-Sep-96	52 A	790.2
234546	880	29-May-96	51 A	778.4
234547	870	29-May-96	51 A	808.4
409546	867.0	21-Mar-94	42 F	830.0
409546	867.0	31-Mar-94	42 A	833.6
409546	867.0	10-Apr-94	43 A	833.6
409546	867.0	17-Apr-94	43 A	833.7
409546	867.0	18-Apr-94	43 A	833.8
409546	867.0	18-Apr-94	43 A	834.0
409546	867.0	18-Apr-94	43 A	834.1
409546	867.0	19-Apr-94	43 A	833.3
409546	867.0	20-Apr-94	43 A	833.6
409546	867.0	21-Apr-94	43 A	833.7
409546	867.0	22-Apr-94	43 A	833.7
409546	867.0	25-Apr-94	43 A	833.9
409546	867.0	26-Apr-94	43 A	833.9
409546	867.0	28-Apr-94	43 A	833.3
409546	867.0	29-Apr-94	43 A	833.3
409546	867.0	02-May-94	43 A	833.8
409546	867.0	09-May-94	43 A	833.5
409546	867.0	16-May-94	43 A	832.9
409546	867.0	23-May-94	43 A	832.8
409546	867.0	20-Jun-94	43 A	831.9
409546	867.0	19-Jul-94	44 A	831.8

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
409546	867.0	10-Oct-94	45 A	831.1
409546	867.0	27-Jan-95	46 A	831.9
409546	867.0	06-Mar-95	46 A	831.9
409546	867.0	21-Jun-95	47 A	831.4
409546	867.0	05-Sep-95	48 A	831.1
409546	867.0	14-Dec-95	49 A	831.6
409546	867.0	05-Mar-96	50 A	832.0
409546	867.0	28-May-96	51 A	832.6
409546	867.0	16-Sep-96	52 A	829.7
409547	896.0	18-Mar-94	42 F	836.2
409547	896.2	31-Mar-94	42 A	836.1
409547	896.2	10-Apr-94	43 A	836.0
409547	896.2	17-Apr-94	43 A	835.9
409547	896.2	18-Apr-94	43 A	836.5
409547	896.2	18-Apr-94	43 A	836.5
409547	896.2	18-Apr-94	43 A	836.5
409547	896.2	19-Apr-94	43 A	835.9
409547	896.2	20-Apr-94	43 A	835.9
409547	896.2	21-Apr-94	43 A	836.0
409547	896.2	22-Apr-94	43 A	836.1
409547	896.2	25-Apr-94	43 A	836.4
409547	896.2	26-Apr-94	43 A	836.5
409547	896.2	28-Apr-94	43 A	835.7
409547	896.2	29-Apr-94	43 A	835.8
409547	896.2	02-May-94	43 A	836.2
409547	896.2	09-May-94	43 A	836.0
409547	896.2	16-May-94	43 A	835.5
409547	896.2	23-May-94	43 A	835.4
409547	896.2	20-Jun-94	43 A	834.8
409547	896.2	19-Jul-94	44 A	835.0
409547	896.2	10-Oct-94	45 A	833.8
409547	896.0	27-Jan-95	46 A	834.5
409547	896.0	06-Mar-95	46 A	834.6
409547	896.0	21-Jun-95	47 A	834.3
409547	896.0	05-Sep-95	48 A	833.7
409547	896.0	14-Dec-95	49 A	834.5
409547	896.0	05-Mar-96	50 A	834.6
409547	896.0	28-May-96	51 A	835.2
409547	896.0	16-Sep-96	52 A	832.5
409548	867.0	21-Mar-94	42 F	830.8
409548	867.0	31-Mar-94	42 A	832.7
409548	867.0	10-Apr-94	43 A	832.8
409548	867.0	17-Apr-94	43 A	832.9
409548	867.0	18-Apr-94	43 A	833.0
409548	867.0	18-Apr-94	43 A	832.9
409548	867.0	18-Apr-94	43 A	833.3
409548	867.0	19-Apr-94	43 A	832.4
409548	867.0	20-Apr-94	43 A	832.8
409548	867.0	21-Apr-94	43 A	832.9
409548	867.0	22-Apr-94	43 A	832.9
409548	867.0	25-Apr-94	43 A	833.0
409548	867.0	26-Apr-94	43 A	832.9
409548	867.0	28-Apr-94	43 A	832.2
409548	867.0	29-Apr-94	43 A	832.4
409548	867.0	02-May-94	43 A	832.9
409548	867.0	09-May-94	43 A	832.5
409548	867.0	16-May-94	43 A	832.0
409548	867.0	23-May-94	43 A	831.8
409548	867.0	20-Jun-94	43 A	830.9
409548	867.0	19-Jul-94	44 A	830.7
409548	867.0	10-Oct-94	45 A	830.1
409548	867.0	27-Jan-95	46 A	830.9
409548	867.0	06-Mar-95	46 A	831.0
409548	867.0	21-Jun-95	47 A	830.3
409548	867.0	05-Sep-95	48 A	830.1
409548	867.0	14-Dec-95	49 A	830.6
409548	867.0	05-Mar-96	50 A	831.0
409548	867.0	28-May-96	51 A	831.4
409548	867.0	16-Sep-96	52 A	828.7
409549	920.0	09-Sep-93	40 F	827.9
409549	920.0	21-Mar-94	42 F	830.1
409549	920.0	29-May-96	51 A	828.1
409549	920.0	06-Sep-96	52 A	826.3
409550	912.0	10-Sep-93	40 F	842.4
409550	912.0	17-Mar-94	42 F	851.6
409550	912.0	12-Sep-94	44 F	841.4
409550	912.0	09-Mar-95	46 A	843.2
409550	912.0	06-Sep-95	48 A	842.5
409550	912.0	29-May-96	51 A	844.1
409550	912.0	04-Sep-96	52 A	842.2
409555	923.0	22-Mar-94	42 F	822.5
409555	923.0	25-Mar-95	46 F	821.5
409555	923.0	29-May-96	51 A	820.6
409555	923.0	06-Sep-96	52 A	818.1
409556	960.0	23-Mar-94	42 F	829.4
409556	960.0	17-Mar-95	46 F	828.8
409556	960.0	29-May-96	51 A	827.9
409556	960.0	06-Sep-96	52 A	826.5
409557	896.0	18-Mar-94	42 F	837.8
409557	896.3	31-Mar-94	42 A	838.5
409557	896.3	10-Apr-94	43 A	838.1
409557	896.3	17-Apr-94	43 A	838.1
409557	896.3	18-Apr-94	43 A	838.8
409557	896.3	18-Apr-94	43 A	838.8
409557	896.3	18-Apr-94	43 A	838.7
409557	896.3	19-Apr-94	43 A	838.2
409557	896.3	20-Apr-94	43 A	838.2
409557	896.3	21-Apr-94	43 A	838.2
409557	896.3	22-Apr-94	43 A	838.4
409557	896.3	25-Apr-94	43 A	838.8
409557	896.3	26-Apr-94	43 A	839.0
409557	896.3	28-Apr-94	43 A	838.1
409557	896.3	29-Apr-94	43 A	838.1
409557	896.3	02-May-94	43 A	838.4
409557	896.3	09-May-94	43 A	838.4
409557	896.3	16-May-94	43 A	837.9
409557	896.3	23-May-94	43 A	838.1
409557	896.3	20-Jun-94	43 A	837.6
409557	896.3	19-Jul-94	44 A	837.7
409557	896.3	10-Oct-94	45 A	836.2
409557	896.0	27-Jan-95	46 A	836.3
409557	896.0	06-Mar-95	46 A	836.3
409557	896.0	21-Jun-95	47 A	836.1
409557	896.0	05-Sep-95	48 A	835.5
409557	896.0	14-Dec-95	49 A	836.3
409557	896.0	05-Mar-96	50 A	836.3
409557	896.0	28-May-96	51 A	837.0
409557	896.0	16-Sep-96	52 A	834.5
409596	880.4	18-Mar-94	42 F	835.1
409596	880.4	20-Mar-95	46 F	834.0
409597	880.3	18-Mar-94	42 F	835.0
409597	880.3	20-Mar-95	46 F	833.8
482083	885.7	01-Mar-94	42 A	878.7
482083	885.7	06-Sep-94	44 A	879.5
482083	885.7	06-Mar-95	46 A	877.9
482083	885.7	05-Sep-95	48 A	880.3
482083	885.7	03-Jun-96	51 A	880.7
482083	885.7	03-Sep-96	52 A	879.3
482084	889.7	01-Mar-94	42 A	885.0
482084	889.7	06-Sep-94	44 A	884.5
482084	889.7	06-Mar-95	46 A	883.9
482084	889.7	05-Sep-95	48 A	885.0
482084	889.7	03-Jun-96	51 A	885.9
482084	889.7	03-Sep-96	52 A	884.4
482085	889.3	01-Mar-94	42 A	884.1
482085	889.3	06-Sep-94	44 A	886.3

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
476837	909.6	31-Mar-94	42 A	834.8
476837	909.6	10-Apr-94	43 A	834.7
476837	909.6	17-Apr-94	43 A	834.8
476837	909.6	18-Apr-94	43 A	835.3
476837	909.6	18-Apr-94	43 A	835.2
476837	909.6	18-Apr-94	43 A	835.3
476837	909.6	19-Apr-94	43 A	834.6
476837	909.6	20-Apr-94	43 A	834.7
476837	909.6	21-Apr-94	43 A	834.8
476837	909.6	22-Apr-94	43 A	834.9
476837	909.6	25-Apr-94	43 A	835.1
476837	909.6	26-Apr-94	43 A	835.2
476837	909.6	28-Apr-94	43 A	834.6
476837	909.6	29-Apr-94	43 A	834.6
476837	909.6	02-May-94	43 A	835.0
476837	909.6	09-May-94	43 A	834.8
476837	909.6	16-May-94	43 A	834.1
476837	909.6	23-May-94	43 A	834.1
476837	909.6	20-Jun-94	43 A	833.3
476837	909.6	19-Jul-94	44 A	833.1
476837	909.6	10-Oct-94	45 A	832.4
476837	909.6	27-Jan-95	46 A	833.1
476837	909.6	06-Mar-95	46 A	833.2
476837	909.6	21-Jun-95	47 A	832.9
476837	909.6	05-Sep-95	48 A	832.4
476837	909.6	14-Dec-95	49 A	833.0
476837	909.6	05-Mar-96	50 A	833.3
476837	909.6	28-May-96	51 A	834.1
476837	909.6	16-Sep-96	52 A	831.1
482085	889.3	06-Mar-95	46 A	883.4
482085	889.3	05-Sep-95	48 A	886.3
482085	889.3	03-Jun-96	51 A	887.3
482085	889.3	03-Sep-96	52 A	886.2
482086	958.6	11-Mar-94	42 A	949.6
482086	958.6	02-Sep-94	44 A	DRY
482086	958.6	09-Mar-95	46 A	DRY
482086	958.6	07-Sep-95	48 A	DRY
482086	958.6	28-May-96	51 A	949.8
482086	958.6	05-Sep-96	52 A	DRY
482087	958.7	11-Mar-94	42 A	DRY
482087	958.7	02-Sep-94	44 A	DRY
482087	958.7	09-Mar-95	46 A	DRY
482087	958.7	07-Sep-95	48 A	944.3
482087	958.7	28-May-96	51 A	DRY
482087	958.7	05-Sep-96	52 A	DRY
482088	956.1	11-Mar-94	42 A	DRY
482088	956.1	02-Sep-94	44 A	DRY
482088	956.1	09-Mar-95	46 A	DRY
482088	956.1	07-Sep-95	48 A	DRY
482088	956.1	28-May-96	51 A	DRY
482088	956.1	05-Sep-96	52 A	DRY
482089	955.9	11-Mar-94	42 A	DRY
482089	955.9	02-Sep-94	44 A	DRY
482089	955.9	09-Mar-95	46 A	DRY
482089	955.9	07-Sep-95	48 A	DRY
482089	955.9	28-May-96	51 A	DRY
482089	955.9	05-Sep-96	52 A	DRY
482090	954.6	11-Mar-94	42 A	DRY
482090	954.6	02-Sep-94	44 A	DRY
482090	954.6	09-Mar-95	46 A	DRY
482090	954.6	07-Sep-95	48 A	DRY
482090	954.6	28-May-96	51 A	945.4
482090	954.6	05-Sep-96	52 A	DRY
500691	891.3	30-Mar-94	42 A	834.1
500691	891.3	31-Mar-94	42 A	834.3
500691	891.3	10-Apr-94	43 A	834.5
500691	891.3	17-Apr-94	43 A	834.6
500691	891.3	18-Apr-94	43 A	834.9
500691	891.3	18-Apr-94	43 A	834.9
500691	891.3	18-Apr-94	43 A	834.6
500691	891.3	19-Apr-94	43 A	834.1
500691	891.3	20-Apr-94	43 A	834.4
500691	891.3	21-Apr-94	43 A	834.6
500691	891.3	22-Apr-94	43 A	834.7
500691	891.3	25-Apr-94	43 A	834.8
500691	891.3	26-Apr-94	43 A	834.6
500691	891.3	28-Apr-94	43 A	834.0
500691	891.3	29-Apr-94	43 A	834.0
500691	891.3	02-May-94	43 A	834.7
500691	891.3	09-May-94	43 A	834.5
500691	891.3	16-May-94	43 A	833.7
500691	891.3	23-May-94	43 A	833.4
500691	891.3	20-Jun-94	43 A	832.6
500691	891.3	19-Jul-94	44 A	832.4
500691	891.3	10-Oct-94	45 A	831.9
500691	891.3	27-Jan-95	46 A	832.6
500691	891.3	06-Mar-95	46 A	832.7
500691	891.2	21-Jun-95	47 A	831.9
500691	891.2	05-Sep-95	48 A	830.6
500691	891.2	14-Dec-95	49 A	832.3
500691	891.2	05-Mar-96	50 A	832.7
500691	891.2	28-May-96	51 A	833.2
500691	891.2	16-Sep-96	52 A	830.4
509083	914.66	02-Aug-95	48 F	657.7
512761	947	06-Sep-96	52 A	790.5
519288	966.8	01-Mar-94	42 A	859.3
519288	966.8	02-Sep-94	44 A	858.1
519288	966.8	09-Mar-95	46 A	858.4
519288	966.8	14-Mar-95	46 F	858.3
519288	966.8	06-Sep-95	48 A	857.7
519288	966.8	08-Sep-95	48 F	854.3
519288	966.8	29-May-96	51 A	858.8
519288	966.8	06-Sep-96	52 A	857.1
519289	978.7	01-Mar-94	42 A	859.0
519289	978.7	02-Sep-94	44 A	857.9
519289	978.7	09-Mar-95	46 A	858.1
519289	978.7	14-Mar-95	46 F	858.0
519289	978.7	06-Sep-95	48 A	857.4
519289	978.7	08-Sep-95	48 F	854.5
519289	978.7	29-May-96	51 A	858.5
519289	978.7	06-Sep-96	52 A	856.7
519290	969.3	01-Mar-94	42 A	859.7
519290	969.3	02-Sep-94	44 A	858.5
519290	969.3	09-Mar-95	46 A	858.8
519290	969.3	14-Mar-95	46 F	858.7
519290	969.3	06-Sep-95	48 A	858.1
519290	969.3	08-Sep-95	48 F	855.8
519290	969.3	29-May-96	51 A	859.1
519290	969.3	06-Sep-96	52 A	857.2
519291	997.5	15-Mar-94	42 F	857.8
519291	997.5	08-Sep-94	44 F	856.8
519291	997.5	17-Mar-95	46 F	856.9
519291	997.5	12-Sep-95	48 F	854.0
519291	997.5	29-May-96	51 A	857.3
519291	997.5	06-Sep-96	52 A	855.9
520931	910.8	18-Apr-94	43 A	818.2
520931	910.8	19-Apr-94	43 A	821.7
520931	910.8	20-Apr-94	43 A	827.4
520931	910.8	22-Apr-94	43 A	830.3
520931	910.8	26-Apr-94	43 A	820.2
520931	910.8	28-Apr-94	43 A	819.7
520931	910.8	29-Apr-94	43 A	819.7
520931	910.8	02-May-94	43 A	820.2
520931	910.8	09-May-94	43 A	828.4

TABLE II - 1
Groundwater Elevation Data

Well	TOS (1) (ft)	Date	Qtr (2)	Groundwater Elev.(ft)
520931	910.8	16-May-94	43 A	819.3
520931	910.8	20-Jun-94	43 A	818.1
520931	910.8	19-Jul-94	44 A	817.8
520931	910.8	10-Oct-94	45 A	816.9
520931	910.8	27-Jan-95	46 A	819.7
520931	910.8	06-Mar-95	46 A	819.7
520931	910.8	21-Jun-95	47 A	819.7
520931	910.8	05-Sep-95	48 A	819.7
520931	910.8	14-Dec-95	49 A	816.1
520931	910.8	05-Mar-96	50 A	820.0
520931	910.8	28-May-96	51 A	819.7
520931	910.8	16-Sep-96	52 A	819.7
MPCA6	914.40	10-Sep-93	40 A	843.2
MPCA6	912.0	01-Mar-94	42 A	844.7
MPCA6	912.0	02-Sep-94	44 A	843.2
OW543U3	959.4	10-Sep-93	40 A	850.8
OW543U3	959.4	01-Mar-94	42 A	852.8
OW543U3	959.4	02-Sep-94	44 A	851.8
OW543U3	959.4	09-Mar-95	46 A	851.8
OW543U3	959.4	06-Sep-95	48 A	851.0
OW543U3	959.4	29-May-96	51 A	852.3
OW543U3	959.4	04-Sep-96	52 A	851.2
PJ#003	944.2	10-Sep-93	40 A	845.7
PJ#003	944.2	01-Mar-94	42 A	847.3
PJ#003	944.2	02-Sep-94	44 A	846.0
PJ#003	944.2	09-Mar-95	46 A	845.9
PJ#003	944.2	06-Sep-95	48 A	845.4
PJ#003	944.2	29-May-96	51 A	846.7
PJ#003	944.2	04-Sep-96	52 A	845.0
PJ#027	967.7	10-Sep-93	40 A	847.6
PJ#027	967.7	01-Mar-94	42 A	851.6
PJ#027	967.7	02-Sep-94	44 A	850.5
PJ#027	967.7	09-Mar-95	46 A	850.5
PJ#027	967.7	06-Sep-95	48 A	849.7
PJ#027	967.7	29-May-96	51 A	851.1
PJ#027	967.7	04-Sep-96	52 A	849.6
PJ#309	911.8	10-Sep-93	40 A	842.4
PJ#309	911.8	01-Mar-94	42 A	844.1
PJ#309	911.8	02-Sep-94	44 A	842.8
PJ#309	911.8	09-Mar-95	46 A	842.5
PJ#309	911.8	06-Sep-95	48 A	841.9
PJ#309	911.8	29-May-96	51 A	843.1
PJ#309	911.8	04-Sep-96	52 A	841.6
PJ#310	913.3	10-Sep-93	40 A	839.7
PJ#310	913.3	01-Mar-94	42 A	841.2
PJ#310	913.3	02-Sep-94	44 A	840.1
PJ#310	913.3	09-Mar-95	46 A	839.8
PJ#310	913.3	06-Sep-95	48 A	838.9
PJ#310	913.3	29-May-96	51 A	839.7
PJ#310	913.3	04-Sep-96	52 A	838.0
PJ#311	905.2	10-Sep-93	40 A	841.5
PJ#311	905.2	01-Mar-94	42 A	843.1
PJ#311	905.2	02-Sep-94	44 A	841.9
PJ#311	905.2	09-Mar-95	46 A	839.7
PJ#311	905.2	06-Sep-95	48 A	839.4
PJ#311	905.2	29-May-96	51 A	840.6
PJ#311	905.2	04-Sep-96	52 A	819.0
PJ#313	893.2	10-Sep-93	40 A	841.6
PJ#313	893.2	01-Mar-94	42 A	842.2
PJ#313	893.2	02-Sep-94	44 A	840.6
PJ#313	893.2	09-Mar-95	46 A	839.1
PJ#313	893.2	06-Sep-95	48 A	839.9
PJ#313	893.2	29-May-96	51 A	841.9
PJ#313	893.2	04-Sep-96	52 A	839.7
PJ#318	983.0	24-Mar-94	42 F	814.2
PJ#318	983.0	27-Mar-95	46 F	814.1
PJ#318	983.0	29-May-96	51 A	814.1
PJ#318	983.0	06-Sep-96	52 A	808.3
PJ#802	902.7	10-Sep-93	40 A	845.5
PJ#802	902.7	01-Mar-94	42 A	847.1
PJ#802	902.7	02-Sep-94	44 A	845.8
PJ#802	902.7	09-Mar-95	46 A	845.9
PJ#802	902.7	06-Sep-95	48 A	845.3
PJ#802	902.7	29-May-96	51 A	846.7
PJ#806	909.4	10-Sep-93	40 A	843.7
PJ#806	909.4	01-Mar-94	42 A	845.3
PJ#806	909.4	02-Sep-94	44 A	843.7
PJ#806	909.4	09-Mar-95	46 A	843.7
PJ#806	909.4	06-Sep-95	48 A	843.0
PJ#806	909.4	29-May-96	51 A	844.5
PJ#806	909.4	04-Sep-96	52 A	842.7
S.G. #1	860.4	10-Sep-93	40 A	867.9
S.G. #1	860.4	01-Mar-94	42 A	851.0
S.G. #1	860.4	02-Sep-94	44 A	852.2
S.G. #1A	871.7	04-Sep-96	52 A	868.7
S.G. #2	862.8	10-Sep-93	40 A	868.1
S.G. #2	862.8	01-Mar-94	42 A	855.6
S.G. #2	862.8	02-Sep-94	44 A	856.8
S.G. #2A	872.0	04-Sep-96	52 A	868.7
S.G. #3	865.3	10-Sep-93	40 A	867.6
S.G. #3	865.3	01-Mar-94	42 A	NA
S.G. #3	865.3	02-Sep-94	44 A	NA
S.G. #3A	871.7	04-Sep-96	52 A	868.7

Table II-2

Groundwater Quality Data (Organics)

Notes:

(1) The parameters are grouped by chemical categories. Benzene, toluene, and total xylenes comprise Category 7 -- all other parameters are Category 1. The Category 1 parameters are sub-grouped into the -ethene, -ethane, and miscellaneous compounds. Furthermore, within each sub-group the parameters are arranged in descending order with respect to the number of chloride ions. This order is intended to represent potential degradation pathways.

(2) Qtr = Quarter. Under this heading, F = FCC; A = Alliant Techsystems Inc.; and M = MPCA. For MPCA data, "PP" = Peak Present, but not quantifiable. All MPCA data was validated and provided directly by the MPCA and was not retrieved through IRDMIS.

(3) TCAAP GW Action Criteria = groundwater action criteria set forth in revised Table 3.7A of the Federal Facilities Agreement.

(4) Duplicate sample collected for QA/QC purposes.

(5) Field blanks collected at this location. See Appendix C.1 for FY 1996 field blank data.

(6) The relative percent difference of this value and its duplicate is greater than 25 percent and an evaluation of the data indicates that the value may not be valid. Therefore, this data should be considered an estimated value.

R This data has been rejected by IRDMIS.
NC Trip blank not collected.
NA Trip blank collected and not analyzed.

Shading denotes FY 1996 exceedances or potential exceedances of TCAAP action criteria. Exceedances are concentrations greater than the TCAAP action criteria. Potential exceedances are values reported as "less than the method detection limit," where the method detection limit is greater than the TCAAP action criteria.

TCLEE	Tetrachloroethene
TRCLE	Trichloroethene
11DCE	1,1-Dichloroethene
12DCE	1,2-Dichloroethene
C12DCE	cis-1,2-Dichloroethene
T12DCE	trans 1,2-Dichloroethene
C2H3CL	Vinyl Chloride
111TCE	1,1,1-Trichloroethane
112TCE	1,1,2-Trichloroethane
11DCLE	1,1-Dichloroethane
12DCLE	1,2-Dichloroethane
CCL4	Carbon Tetrachloride
CHCL3	Chloroform
12DCLP	1,2-Dichloropropane
TCLTFE	1,1,2-Trichlorotrifluoroethane
CH2CL2	Methylene Chloride
C6H6	Benzene
MEC6H5	Toluene
TXYLEN	Total Xylenes
OXYLEN	ortho-Xylene
M&P XYL	meta- & para- Xylenes

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U036		07-Mar-94	F42	IKW 004	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U036		07-Mar-94	M42			<1.00	<0.50	<1.00		<0.20	<0.20	<1.00	<2.00	<1.20	<1.00	<0.30	<1.70	<1.50	<1.00	<5.00	<5.00	<1.00	<1.00		<1.00	<1.00
01U036		08-Mar-95	F46	DRM 010	4998-01	<2.41	<1.04	<1.01		<0.89	1.39	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U036		18-Jun-96	A51	AXRI 010	96U01906	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U038		09-Mar-94	F42	ITB 009	48275 (5)																	1.15	<0.87	<8.28		
01U038		08-Jun-94	F43	ITJ 011	124044																	2.59	<0.87	<8.28		
01U038		08-Sep-94	F44	ITR 008	209724																	0.57	<0.87	<8.28		
01U039		09-Mar-94	F42	IUE 006	48275	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U039		09-Mar-94	F42	ITB 012	48275																	<0.41	<0.87	<8.28		
01U039		08-Jun-94	F43	ITJ 014	124044																	<0.41	<0.87	<8.28		
01U039		08-Sep-94	F44	ITQ 007	209724																	<0.41	<0.87	<8.28		
01U039		08-Mar-95	F46	DRM 005	4998-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U039		18-Jun-96	A51	AXQY 013	96U01906	<0.75	R <0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U040		07-Mar-94	F42	ITA 013	NC																	<0.41	<0.87	<8.28		
01U040		07-Jun-94	F43	ITH 004	124044																	<0.41	0.71	<8.28		
01U040		06-Sep-94	F44	ITP 012	208191																	<0.41	<0.87	<8.28		
01U041		08-Mar-94	F42	ITA 005	48275																	<0.41	<0.87	<8.28		
01U041		07-Jun-94	F43	ITH 006	124044																	<0.41	<0.87	<8.28		
01U041		06-Sep-94	F44	ITP 013	208191																	<0.41	<0.87	<8.28		
01U063		09-Mar-94	F42	ITB 011	48275																	<0.41	<0.87	<8.28		
01U063		08-Jun-94	F43	ITJ 013	124044																	<0.41	<0.87	<8.28		
01U063		08-Sep-94	F44	ITQ 006	209724																	<0.41	<0.87	<8.28		
01U064		11-Mar-94	A42	IUC 009	49735	<1.00	4.23	<1.00	320.00		17.00	10.80	<1.00	<1.00	4.99	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U064	(4)	11-Mar-94	A42	IUC 011	49735	<1.00	4.37	<1.00	350.00		17.00	9.76	<1.00	<1.00	5.01	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U064		24-Mar-95	A46	IZV 018	NC	<10.00	3.00	<10.00	160.00		2.10	<19.00	<10.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
01U064		13-Jun-96	A51	AXPY 005	NC	<0.75	1.96	<1.70	230.00			4.68	<0.76	<0.78	3.94	4.60	<0.99	<0.50	<1.00	<1.00	<7.40					
01U064	(4)	13-Jun-96	A51	AXPY 006	NC	<0.75	1.97	<1.70	240.00			4.26	<0.76	<0.78	3.53	4.34	<0.99	<0.50	<1.00	<1.00	<7.40					
01U067		08-Mar-94	F42	ITA 004	48275																	<0.41	<0.87	<8.28		
01U067		07-Jun-94	F43	ITH 005	124044																	<0.41	<0.87	<8.28		
01U067		06-Sep-94	F44	IVO 006	208191	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.26	<1.30	<0.72	<1.00	<1.00	<3.20					
01U067		07-Sep-94	F44	ITO 006	208191																	<0.41	<0.87	<8.28		
01U085		16-Mar-94	F42	IUN 008	54690	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U085		08-Mar-95	F46	DRM 012	4998-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U085		20-Jun-96	A51	AXRJ 012	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U098		14-Mar-94	F42	IUH 008	NC	<1.00	0.38	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.34	<1.30	<0.72	<1.00	<1.00	<3.20					
01U098		08-Mar-95	F46	DRM 011	4998-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U098		09-Mar-95	F46	DRO 007	5015-01	<2.41	5.28	<1.01		<0.89	<1.06	<4.10	2.52	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U098		24-Jun-96	A51	AXUU 016	96U02093	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U100		26-Jan-94	M42			<1.00	<0.5	<1.00		<0.20	<0.20	<1.00	<2.00	<1.20	<1.00	<0.30	<1.70	<1.50	<1.00	<5.00	<5.00	<1.00	<1.00		<1.00	<1.00
01U101		26-Jan-94	M42			<1.00	<0.5	<1.00		<0.20	<0.20	<1.00	<2.00	<1.20	<1.00	<0.30	<1.70	<1.50	<1.00	<5.00	<5.00	<1.00	<1.00		<1.00	<1.00
01U102		11-Mar-94	F42	IUF 009	NC	36.50	12.60	<1.00	540.00			<1.90	<1.00	<1.00	<0.78	0.39	<1.30	<0.72	<1.00	<1.00	<3.20					
01U102		11-Mar-94	F42	ITC 010	NC																	7.96	<0.87	<8.28		
01U102		10-Jun-94	F43	ITN 004	125865																	<0.41	<0.87	<8.28		
01U102		12-Sep-94	F44	ITT 004	NC																	<0.41	<0.87	<8.28		
01U102		12-Sep-94	F44	IVU 004	NC	9.91	1.71	<1.00	2.27			<1.90	<1.00	<1.00	<0.78	0.53	<1.30	<0.72	<1.00	<1.00	<3.20					
01U102		22-Dec-94	F45	IZG 005	NC	5.06	0.54	<1.00	0.35			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U102		08-Mar-95	F46	DRN 014	4998-01																	<0.25	<0.25	<0.25		
01U102		08-Mar-95	F46	DRM 009	4998-01	8.66	<1.04	<1.01		1.39	1.39	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U102		05-Jun-95	F47	EDR 003	NC	4.19	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U102		06-Sep-95	F48	EVG 014	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U102		15-Dec-95	A49	HWJ 024	360635	2.32	0.34	<1.00	0.70		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U102		11-Mar-96	A50	HWQ 007	42625	15.20	1.82	<1.00	4.65		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U102	(4)	11-Mar-96	A50	HWQ 008	42625	14.30	1.82	<1.00	4.63		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U102		18-Jun-96	A51	AXQY 020	96U01906	1.10	R <0.56	<1.70	1.60			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U102		18-Jun-96	A51	AXQZ 009	96U01906																	<1.05	<1.47	<1.36		

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U102		12-Sep-96	A52	AZDV 022	96U03989	2.29	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U103		07-Mar-94	F42	ITA 008	NC																	<0.41	<0.87	<8.28		
01U103		11-Mar-94	F42	ITC 011	NC																	<0.41	<0.87	<8.28		
01U103		07-Jun-94	F43	ITH 013	124044																	<0.41	<0.87	<8.28		
01U103		07-Sep-94	F44	ITP 006	208191																	<0.41	<0.87	<8.28		
01U103		06-Mar-95	F46	DRK 009	4986-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U103		18-Jun-96	A51	AXR1 006	96U01906	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U104		08-Mar-94	F42	ITB 005	48275																	<0.41	<0.87	<8.28		
01U104		07-Jun-94	F43	ITJ 004	124044																	<0.41	<0.87	<8.28		
01U104		07-Sep-94	F44	ITP 008	208191																	<0.41	<0.87	<8.28		
01U105		09-Mar-94	F42	IUE 004	48275	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U105		09-Mar-94	F42	ITB 008	48275																	<0.41	<0.87	<8.28		
01U105		07-Jun-94	F43	ITH 014	124044																	<0.41	<0.87	<8.28		
01U105		08-Sep-94	F44	ITR 007	209724																	<0.41	<0.87	<8.28		
01U106		08-Mar-94	F42	IUD 008	48275	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U106		08-Mar-94	F42	ITA 014	48275																	<0.41	<0.87	<8.28		
01U106		07-Jun-94	F43	ITH 012	124044																	<0.41	<0.87	<8.28		
01U106		07-Sep-94	F44	ITP 005	208191																	<0.41	<0.87	<8.28		
01U106		06-Mar-95	F46	DRK 008	4986-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U106		18-Jun-96	A51	AXR1 009	96U01906	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U107		08-Mar-94	F42	ITA 012	48275																	<0.41	<0.87	<8.28		
01U107		07-Jun-94	F43	ITH 011	124044																	<0.41	<0.87	<8.28		
01U107		06-Sep-94	F44	ITR 017	208191																	<0.41	<0.87	<8.28		
01U108		27-Oct-93	F41	IKI 008	274500	12.40	8.08	<1.00	7.81			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U108		09-Dec-93	F41	IKL 007	NC	(6) 34.9	(6) 22.2	<1.00	15.80			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	(6) <0.72	<1.00	<1.00	<3.20					
01U108	(4)	09-Dec-93	F41	IKL 005	NC	(6) 4.93	(6) 2.61	<1.00	13.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	(6) 11.5	<1.00	<1.00	<3.20					
01U108		27-Jan-94	F42	IKN 005	13234	17.00	12.80	<1.00	2.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U108		15-Feb-94	F42	IKO 007	29327	58.20	35.30	<1.00	3.13			<1.90	<1.00	<1.00	<0.78	0.85	<1.30	<0.72	<1.00	<1.00	<3.20					
01U108		15-Mar-94	F42	IUI 007	53384	4.44	1.60	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.33	<1.30	<0.72	<1.00	<1.00	<3.20					
01U108		15-Mar-94	F42	ITD 008	53384																	<0.41	<0.87	<8.28		
01U108		21-Apr-94	F43	IUZ 007	83402	0.83	0.39	<1.00	15.70			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U108		08-Jun-94	F43	ITI 007	124044																	<0.41	<0.87	<8.28		
01U108		08-Jun-94	F43	IVE 007	124044	2.72	1.06	<1.00	0.91			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U108		07-Sep-94	F44	ITP 014	208191																	<0.41	<0.87	<8.28		
01U108		06-Mar-95	F46	DRK 015	4986-01 (5)	27.50	5.12	<1.01		1.70	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U108	(4)	06-Mar-95	F46	DRK 016	4986-01 (5)	26.10	5.01	<1.01		1.70	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U108		05-Sep-95	F48	EVG 003	NC	180.00	260.00	<1.01		88.00	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U108		14-Jun-96	A51	AXQX 005	NC	120.00	79.60	<1.70	24.70			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U108		12-Sep-96	A52	AZDW 005	96U03989	420.00	340.00	<1.70	116.00			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U109		08-Mar-94	F42	ITB 007	48275																	<0.41	<0.87	<8.28		
01U109		07-Jun-94	F43	ITJ 006	124044																	<0.41	<0.87	<8.28		
01U109		12-Sep-94	F44	ITU 005	NC																	<0.41	<0.87	<8.28		
01U109		06-Mar-95	F46	DRN 010	4986-01																	<0.50	<0.31	<0.54		
01U109		06-Mar-95	F46	DRK 013	4986-01	3.74	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U109		18-Jun-96	A51	AXR1 007	96U01906	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U110		08-Mar-94	F42	ITB 006	48275																	<0.41	<0.87	<8.28		
01U110		07-Jun-94	F43	ITJ 005	124044 (5)																	<0.41	<0.87	<8.28		
01U110		12-Sep-94	F44	ITU 004	NC (5)																	<0.41	<0.87	<8.28		
01U110		06-Mar-95	F46	DRK 012	4986-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U110		06-Mar-95	F46	DRN 007	4986-01																	<0.50	<0.31	<0.54		
01U110		18-Jun-96	A51	AXR1 008	96U01906	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U115		27-Oct-93	F41	IKI 005	247500	<1.00	5.53	<1.00	46.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U115		27-Oct-93	M41			<0.20	6.00	<0.50		42.00	2.20	<1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	<0.20	<0.20		<0.20	<0.20
01U115		10-Mar-94	F42	ITC 004	48771																	0.49	<0.87	<8.28		
01U115		10-Mar-94	F42	IUF 004	48771	<1.00	7.02	56.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U115		09-Jun-94	F43	ITL 007	124850 (5)																	0.26	<0.87	<8.28		
01U115		09-Sep-94	F44	IVT 006	NC	<1.00	1.50	14.70	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U115		09-Sep-94	F44	ITS 006	NC																	<0.41	<0.87	<8.28		

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U115		22-Dec-94	F45	IZG 007	NC	<1.00	1.21	<1.00	4.75			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U115		07-Mar-95	F46	DRL 011	4990-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U115		05-Jun-95	F47	EDR 004	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U115		05-Sep-95	F48	EVG 007	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U115		19-Jun-96	A51	AXRH 005	NC	<0.75	0.92	<1.70	1.06			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U115		19-Jun-96	A51	AXRG 005	NC																	<1.05	<1.47	<1.36		
01U115		13-Sep-96	A52	AZDW 011	96U03989	(6) <0.75	<0.56	<1.70	1.28			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U115	(4)	13-Sep-96	A52	AZDW 012	96U03989	(6) 0.952	<0.56	<1.70	1.38			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U116		09-Mar-94	F42	IUD 014	48275	<1.00	2.09	<1.00	6.85			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U116		09-Mar-94	F42	ITA 020	48275																	<0.41	<0.87	<8.28		
01U116		08-Jun-94	F43	ITJ 010	124044																	<0.41	<0.87	<8.28		
01U116		08-Sep-94	F44	ITS 004	209724																	<0.41	<0.87	<8.28		
01U116		08-Sep-94	F44	IVT 004	209724	<1.00	1.67	<1.00	2.34			<1.90	<1.00	<1.00	<0.78	0.55	<1.30	<0.72	<1.00	<1.00	<3.20					
01U116		22-Dec-94	F45	IZG 008	NC	<1.00	1.19	<1.00	0.90			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U116		07-Mar-95	F46	DRL 009	4990-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U116		05-Jun-95	F47	EDR 005	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U116		05-Sep-95	F48	EVG 006	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U116		19-Jun-96	A51	AXRI 017	NC	<0.75	1.00	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U116		13-Sep-96	A52	AZDW 013	96U03989	0.89	0.71	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U117		10-Mar-94	F42	ITC 009	NC (5)																	1.01	<0.87	<8.28		
01U117		10-Mar-94	F42	IUF 008	NC (5)	2.54	27.40	<1.00	78.00			<1.90	<1.00	<1.00	<0.78	0.35	<1.30	<0.72	<1.00	<1.00	<3.20					
01U117		08-Jun-94	F43	ITL 004	124044																	0.64	<0.87	<8.28		
01U117		09-Sep-94	F44	IVT 011	NC (5)	2.49	11.90	<1.00	36.20			<1.90	<1.00	<1.00	<0.78	0.41	<1.30	2.56	<1.00	<1.00	<3.20					
01U117		09-Sep-94	F44	ITS 011	NC (5)																	<0.41	<0.87	<8.28		
01U117		27-Dec-94	F45	IZG 014	310522	1.75	3.71	<1.00	1.44			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	1.05	<1.00	<1.00	<3.20					
01U117		08-Mar-95	F46	DRM 007	4998-01	<2.41	4.00	<1.01		17.70	1.39	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	2.28	<3.94	<4.47	<1.41					
01U117		05-Jun-95	F47	EDR 006	NC	<2.41	4.76	<1.01		16.30	1.33	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	2.85	<3.94	<4.47	<1.41					
01U117		06-Sep-95	F48	EVG 013	NC	<2.41	3.17	<1.01		14.80	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U117		11-Mar-96	A50	HWR 004	42625	1.49	2.22	<1.00	7.08		0.39	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	0.41	<1.00	<1.00	<3.20					
01U117		18-Jun-96	A51	AXQZ 006	96U01906																	<1.05	<1.47	<1.36		
01U117		18-Jun-96	A51	AXQY 017	96U01906	1.87	R 1.10	<1.70	12.70			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U117		12-Sep-96	A52	AZDW 007	96U03989	5.07	2.14	<1.70	26.70			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U118		08-Mar-94	F42	ITB 004	48275																	<0.41	<0.87	<8.28		
01U118		07-Jun-94	F43	ITH 007	124044																	<0.41	<0.87	<8.28		
01U118		06-Sep-94	F44	ITR 014	208191																	<0.41	<0.87	<8.28		
01U118		06-Mar-95	F46	DRK 006	4986-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U118		06-Mar-95	F46	DRN 006	4986-01																	<0.50	<0.31	<0.54		
01U118		19-Jun-96	A51	AXRJ 020	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U119		08-Mar-94	F42	IUD 009	48275 (5)	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U119		08-Mar-94	F42	ITA 015	48275 (5)																	<0.41	<0.87	<8.28		
01U119		07-Jun-94	F43	ITL 005	124044 (5)																	<0.41	<0.87	<8.28		
01U119		07-Jun-94	F43	ITH 010	124044 (5)																	<0.41	<0.87	<8.28		
01U119		07-Sep-94	F44	ITP 007	208191																	<0.41	<0.87	<8.28		
01U119		06-Mar-95	F46	DRK 011	4986-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U119		20-Jun-96	A51	AXRJ 007	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U120		09-Mar-94	F42	ITA 019	48275																	<0.41	<0.87	<8.28		
01U120		09-Mar-94	F42	IUD 013	48275	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U120		08-Jun-94	F43	ITJ 009	124044																	<0.41	<0.87	<8.28		
01U120		08-Sep-94	F44	ITR 006	209724																	<0.41	<0.87	<8.28		
01U120		07-Mar-95	F46	DRL 008	4990-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U120		20-Jun-96	A51	AXRJ 005	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U120	(4)	20-Jun-96	A51	AXRJ 006	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U122		18-Jun-96	A51	AXRI 012	96U01906	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U122	(4)	18-Jun-96	A51	AXRI 013	96U01906	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U125		10-Mar-94	F42	IUF 007	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.29	<1.30	<0.72	<1.00	<1.00	<3.20					
01U125		10-Mar-94	F42	ITC 008	NC																	<0.41	<0.87	<8.28		
01U125		09-Jun-94	F43	ITL 015	124850																	<0.41	<0.87	<8.28		
01U125		09-Jun-94	F43	ITL 018	124850																	<0.41	<0.87	<8.28		
01U125		09-Sep-94	F44	IVT 009	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.25	<1.30	<0.72	<1.00	<1.00	<3.20					
01U125		09-Sep-94	F44	ITS 009	NC																	<0.41	<0.87	<8.28		

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well	Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)					0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U125	27-Dec-94	F45	IZG 013	310522	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U125	07-Mar-95	F46	DRL 006	4990-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U125	05-Jun-95	F47	EDR 007	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U125	05-Sep-95	F48	EVG 005	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U125	18-Jun-96	A51	AXQY 010	96U01906	<0.75	R <0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U125	13-Sep-96	A52	AZDW 017	96U03989	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U126	09-Mar-94	F42	IUD 011	48275	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U126	09-Mar-94	F42	ITA 017	48275																					
01U126	07-Jun-94	F43	ITJ 007	124044																	<0.41	<0.87	<8.28		
01U126	07-Sep-94	F44	ITR 004	208191 (5)																	<0.41	<0.87	<8.28		
01U126	18-Jun-96	A51	AXQY 016	96U01906	89.20	R <0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40	<0.41	<0.87	<8.28		
01U127	09-Mar-94	F42	IUD 012	48275	1.30	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	1.30	<3.20					
01U127	09-Mar-94	F42	ITA 018	124044																					
01U127	07-Jun-94	F43	ITJ 008	124044																	<0.41	0.49	<8.28		
01U127	07-Sep-94	F44	ITR 005	208191																	<0.41	<0.87	<8.28		
01U127	07-Mar-95	F46	DRL 007	4990-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41	<0.41	<0.87	<8.28		
01U127	18-Jun-96	A51	AXQY 014	96U01906	<0.75	R <0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U128	01-Mar-94	A42	IKQQ 012	39039	<1.00	<0.50	<1.00	26.80		2.60	<1.90	<1.00	<1.00	1.15	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U128	01-Mar-94	M42			<1.00	<0.5	<1.00		32.00	4.00	<1.00	<2.00	<1.20	<1.00	<0.30	<1.70	<1.50	<1.00	<5.00	<5.00	<1.00	<1.00		<1.00	<1.00
01U128	07-Mar-95	A46	IZK 008	53961	<1.00	<0.50	<1.00	15.30		2.17	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U128	04-Jun-96	A51	AXNL 005	96U01587	<0.75	<0.56	<1.70	14.90			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U133	07-Mar-94	F42	ITA 009	NC																					
01U133	08-Jun-94	F43	ITJ 012	124044																	<0.41	<0.87	<8.28		
01U133	08-Sep-94	F44	ITQ 005	209724																	<0.41	<0.87	<8.28		
01U135	09-Mar-94	F42	ITB 015	48275																	<0.41	<0.87	<8.28		
01U135	09-Mar-94	F42	IUE 009	48275	<1.00	<0.50	<1.00	0.55			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U135	08-Jun-94	F43	ITJ 016	124044																	<0.41	<0.87	<8.28		
01U135	08-Sep-94	F44	ITQ 009	209724																	<0.41	<0.87	<8.28		
01U135	08-Mar-95	F46	DRM 006	4998-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U135	20-Jun-96	A51	AXRJ 009	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U136	09-Mar-94	F42	ITB 013	48275																					
01U136	09-Mar-94	F42	IUE 007	48275	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28		
01U136	08-Jun-94	F43	ITJ 015	124044																					
01U136	08-Sep-94	F44	ITQ 008	209724																	<0.41	<0.87	<8.28		
01U137	08-Mar-94	F42	IUD 006	48275	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28		
01U137	08-Mar-94	F42	ITA 010	48275																					
01U137	07-Jun-94	F43	ITH 008	124044																	<0.41	<0.87	<8.28		
01U137	06-Sep-94	F44	ITR 015	208191																	<0.41	<0.87	<8.28		
01U137	06-Mar-95	F46	DRK 007	4986-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41	<0.41	<0.87	<8.28		
01U137	20-Jun-96	A51	AXRJ 011	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U138	10-Mar-94	F42	IUF 006	NC	<1.00	0.87	<1.00	0.37			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U138	10-Mar-94	F42	ITC 007	NC																					
01U138	10-Mar-94	F42	ITD 004	NC																	<0.41	<0.87	<8.28		
01U138	09-Jun-94	F43	ITL 014	124850																	<0.41	<0.87	<8.28		
01U138	09-Sep-94	F44	ITS 008	NC																	<0.41	<0.87	<8.28		
01U138	09-Sep-94	F44	IVT 008	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.36	<1.30	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28		
01U138	22-Dec-94	F45	IZG 006	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U138	07-Mar-95	F46	DRL 005	4990-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U138	05-Jun-95	F47	EDR 009	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U138	05-Sep-95	F48	EVG 004	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U138	20-Jun-96	A51	AXRJ 010	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U138	12-Sep-96	A52	AZDV 020	96U03989	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U138 (4)	12-Sep-96	A52	AZDV 021	96U03989	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U139	27-Oct-93	F41	IKI 004	274500	<1.00	2.29	<1.00	240.00			<1.90	<1.00	<1.00	<0.78	0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U139	27-Oct-93	M41			<0.20	2.70	<0.50		130.00	7.70	<1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50					
01U139	10-Mar-94	F42	IUE 008	48771	<10.00	<5.00	<10.00	290.00			<19.00	<10.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00	<0.20	<0.20		<0.20	<0.20
01U139	10-Mar-94	F42	ITB 014	48771																	39.00	<8.70	<83.00		
01U139	10-Mar-94	M42			<1.00	1.60	<1.00		180.00	7.30	<1.00	<2.00	<1.20	<1.00	<0.30	<1.70	<1.50	<1.00	<5.00	<5.00	55.00	<1.00		<1.00	1.20

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U139		08-Jun-94	F43	ITL 006	124044 (5)																	4.49	<0.87	<8.28		
01U139		08-Jun-94	F43	ITJ 017	124044 (5)																	4.66	<0.87	7.41		
01U139		09-Sep-94	F44	ITR 012	NC																	1.09	<0.87	<8.28		
01U139		27-Dec-94	F45	IZG 009	NC	<1.00	1.29	<1.00	47.70			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U139	(4)	27-Dec-94	F45	IZG 010	NC	<1.00	1.17	<1.00	44.10			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U139		07-Mar-95	F46	DRL 014	4990-01	<2.41	<1.04	<1.01		13.30	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U139		07-Mar-95	F46	DRN 011	4990-01																	<0.50	<0.31	<0.54		
01U139		06-Jun-95	F47	EDR 010	NC	<2.41	<1.04	<1.01		10.30	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U139		05-Sep-95	F48	EVG 011	NC	<2.41	<1.04	<1.01		16.20	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U139		11-Mar-96	A50	HWQ 009	42625	<1.00	0.47	<1.00	2.80		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U139		18-Jun-96	A51	AXQY 011	96U01906	<0.75	R <0.56	<1.70	2.66			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U139		12-Sep-96	A52	AZDV 018	96U03989	<0.75	1.21	<1.70	20.20			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U140		07-Mar-94	F42	IUD 004	NC	<1.00	0.58	<1.00	72.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U140		07-Mar-94	F42	ITA 006	NC																	6.46	<0.87	<8.28		
01U140		07-Mar-94	M42			<1.00	<0.5	<1.00		46.00	6.20	<1.00	<2.00	<1.20	<1.00	<0.30	<1.70	<1.50	<1.00	<5.00	<5.00	4.80	<1.00		<1.00	<1.00
01U140		08-Jun-94	F43	ITJ 018	124044																	7.61	<0.87	<8.28		
01U140		09-Sep-94	F44	ITR 013	NC																	6.20	<0.87	<8.28		
01U140		22-Dec-94	F45	IZG 004	NC	<1.00	0.65	<1.00	20.40			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U140		07-Mar-95	F46	DRL 015	4990-01 (5)	<2.41	<1.04	<1.01		(6) 9.32	1.46	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U140		07-Mar-95	F46	DRN 012	4990-01 (5)																	1.16	<0.31	<0.54		
01U140	(4)	07-Mar-95	F46	DRN 013	4990-01 (5)																	1.13	<0.31	<0.54		
01U140	(4)	07-Mar-95	F46	DRL 016	4990-01 (5)	<2.41	<1.04	<1.01		(6) 7.27	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U140		06-Jun-95	F47	EDR 011	NC	<2.41	<1.04	<1.01		19.80	3.70	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U140		05-Sep-95	F48	EVG 012	NC	<2.41	<1.04	<1.01		6.98	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U140		18-Jun-96	A51	AXRI 005	96U01906	<0.75	<0.56	<1.70	(6) 14.20			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U140	(4)	18-Jun-96	A51	AXQY 009	96U01906	<0.75	R <0.56	<1.70	(6) 10.20			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U140		12-Sep-96	A52	AZDW 009	96U03989 (5)	<0.75	<0.56	<1.70	11.70			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U141		08-Mar-94	F42	ITA 011	48275																	<0.41	<0.87	<8.28		
01U141		08-Mar-94	F42	IUD 007	48275	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U141		07-Jun-94	F43	ITH 009	124044																	<0.41	<0.87	<8.28		
01U141		06-Sep-94	F44	ITR 016	208191																	<0.41	<0.87	<8.28		
01U141		20-Jun-96	A51	AXRJ 013	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U157		10-Mar-94	F42	ITD 005	NC																	51.00	<1.70	<17.00		
01U157		13-May-94	F43	ITF 011	106330																	1.07	<0.87	<8.28		
01U157		13-May-94	F43	IVB 008	106330	<1.00	1.48	<1.00	33.60			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	0.62	<3.20					
01U157	(4)	13-May-94	F43	IVC 005	106330	<1.00	1.62	<1.00	32.60			<1.90	<1.00	<1.00	<0.78	0.39	<1.30	<0.72	<1.00	<1.00	<3.20					
01U157	(4)	13-May-94	F43	ITG 005	106330																	0.86	<0.87	<8.28		
01U157		09-Jun-94	F43	ITL 016	124850																	0.84	<0.87	<8.28		
01U157		09-Sep-94	F44	ITS 010	NC																	1.60	<0.87	<8.28		
01U157		09-Sep-94	F44	IVT 010	NC	<1.00	0.69	<1.00	11.20			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U157		27-Dec-94	F45	IZG 012	310522	<1.00	3.49	<1.00	32.90			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U157		07-Mar-95	F46	DRL 013	4990-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U157		06-Jun-95	F47	EDR 012	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U157		05-Sep-95	F48	EVG 010	NC	<2.41	1.69	<1.01		1.69	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U157		15-Dec-95	A49	HWJ 014	360635	(6) 1.09	(6) 1.49	<1.00	2.07		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U157	(4)	15-Dec-95	A49	HWJ 015	360635	(6) 1.57	(6) 1.88	<1.00	2.35		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U157		11-Mar-96	A50	HWR 015	42625	<1.00	1.02	<1.00	1.57		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U157		20-Jun-96	A51	AXRJ 016	96U01936	<0.75	<0.56	<1.70	2.17			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U157		13-Sep-96	A52	AZDW 018	96U03989	<0.75	0.80	<1.70	6.16			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U158		10-Mar-94	F42	ITC 015	48771																	1.38	<0.87	<8.28		
01U158		13-May-94	F43	ITF 012	106330																	24.00	<1.70	<17.00		
01U158		13-May-94	F43	IVB 015	106330	2.20	2.80	<2.00	220.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
01U158		09-Jun-94	F43	ITL 017	124850																	1.51	<0.87	<8.28		
01U158		09-Jun-94	F43	ITL 013	124850																	1.92	<0.87	<8.28		
01U158		09-Sep-94	F44	ITS 007	NC																	0.44	<0.87	<8.28		
01U158		09-Sep-94	F44	IVT 007	NC	<1.00	0.68	<1.00	6.58			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U158		27-Dec-94	F45	IZG 011	310522	<1.00	0.78	<1.00	8.57			<1.90	0.79	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U158		07-Mar-95	F46	DRL 012	4990-01	<2.41	<1.04	<1.01		4.01	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U158		06-Jun-95	F47	EDR 013	NC	<2.41	<1.04	<1.01		2.06	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U158		05-Sep-95	F48	EVG 008	NC	<2.41	<1.04	<1.01		1.84	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U158		15-Dec-95	A49	HWJ 017	360635	<1.00	0.80	<1.00	5.68		2.16	<1.90	2.42	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U158		11-Mar-96	A50	HWR 005	42625	<1.00	0.71	<1.00	3.41		0.49	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U158		20-Jun-96	A51	AXRJ 017	96U01936	<0.75	<0.56	<1.70	3.55			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U158		12-Sep-96	A52	AZDW 008	96U03989	<0.75	<0.56	<1.70	5.77			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U350		27-Oct-93	F41	IKI 009	NC	26.90	10.30	<1.00	23.60			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	28.00	<1.00	<1.00	<3.20					
01U350		09-Dec-93	F41	IKL 006	NC	37.70	13.70	<1.00	31.30			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	19.10	<1.00	<1.00	<3.20					
01U350		27-Jan-94	F42	IKN 007	13234 (5)	35.80	14.70	<1.00	31.20			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	17.00	<1.00	<1.00	<3.20					
01U350	(4)	27-Jan-94	F42	IKN 008	13234	31.80	15.00	<1.00	29.60			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	20.80	<1.00	<1.00	<3.20					
01U350		15-Feb-94	F42	IKO 008	29327	38.70	15.10	<1.00	27.50			<1.90	<1.00	<1.00	<0.78	0.90	<1.30	13.60	<1.00	<1.00	<3.20					
01U350		15-Mar-94	F42	ITD 011	53384																					
01U350		15-Mar-94	F42	IUI 010	53384	40.70	22.20	<1.00	31.90			<1.90	<1.00	<1.00	<0.78	0.34	<1.30	11.70	<1.00	<1.00	<3.20	0.43	0.58	56.10		
01U350		21-Apr-94	F43	IUZ 008	83402	32.80	12.30	<1.00	21.20			<1.90	<1.00	<1.00	<0.78	0.44	<1.30	10.00	<1.00	<1.00	<3.20					
01U350		13-May-94	F43	IVC 007	106330	50.60	18.00	<1.00	41.00			<1.90	<1.00	<1.00	<0.78	0.37	<1.30	10.90	<1.00	<1.00	<3.20					
01U350		08-Jun-94	F43	ITK 004	124044																					
01U350		08-Jun-94	F43	IVF 006	124044	34.10	12.90	<1.00	31.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	19.40	<1.00	<1.00	<3.20	0.34	0.97	37.50		
01U350		07-Sep-94	F44	IVO 005	208191	18.80	12.90	<1.00	29.40			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	10.10	<1.00	<1.00	<3.20					
01U350		07-Sep-94	F44	ITO 004	208191																					
01U350		18-Jun-96	A51	AXQY 015	96U01906	390.00	R 178.00	<1.70	118.00			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40	<2.00	<4.40	<41.00		
01U350		18-Jun-96	A51	AXQZ 005	96U01906																					
01U350		12-Sep-96	A52	AZDW 006	96U03989	530.00	340.00	<1.70	360.00			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40	<1.05	<1.47	<1.36		
01U351		11-Mar-94	F42	ITC 019	NC																					
01U351		13-May-94	F43	IVB 004	106330	<1.00	0.59	<1.00	2.64			<1.90	0.58	<1.00	<0.78	0.40	<1.30	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28		
01U351		13-May-94	F43	ITF 004	106330																					
01U351		09-Jun-94	F43	IVG 005	125210	3.70	4.27	<1.00	34.20			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28		
01U351		09-Jun-94	F43	ITL 008	124850																					
01U351		06-Jul-94	F44	IVJ 005	144800	1.58	3.47	<1.00	18.40			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	0.72	<1.00	<1.00	<3.20	1.17	<0.87	<8.28		
01U351		03-Aug-94	F44	IVL 007	172073	1.14	2.59	<1.00	11.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	0.50	<1.00	<1.00	<3.20					
01U351		07-Sep-94	F44	ITP 016	208191																					
01U351		07-Sep-94	F44	IVP 008	207160	0.81	2.67	<1.00	9.19			<1.90	<1.00	<1.00	<0.78	0.91	<1.30	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28		
01U351		10-Oct-94	F45	IVY 004	237256	0.78	2.55	<1.00	7.56			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U351		08-Nov-94	F45	IZA 004		<1.00	1.54	<1.00	2.48			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U351		05-Dec-94	F45	IZC 008	285544	<1.00	1.26	<1.00	1.60			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U351		17-Jan-95	F46	IZI 009	10189	<1.00	1.07	<1.00	1.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U351		03-Mar-95	F46	DRJ 009	4979-01	<2.41	1.67	<1.01		1.47	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U351		03-Apr-95	F47	DSG 008	5170-01	<2.41	2.15	<1.01		2.11	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U351		08-May-95	F47	DYT 008	5405-01	<2.41	1.82	<1.01		1.90	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U351		11-Jul-95	F48	ENF 008	6038-01	<2.41	1.72	<1.01		1.60	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U351		08-Aug-95	F48	ESH 008	6304-01	<2.41	1.87	<1.01		2.06	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U351		07-Sep-95	F48	EWB 007	6479-01	<2.41	1.72	<1.01		2.09	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U351		15-Dec-95	A49	HWJ 006	360635	0.89	2.08	<1.00	1.39		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U351		11-Mar-96	A50	HWR 010	42625	1.09	2.05	<1.00	1.11		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U351		19-Jun-96	A51	AXRH 006	NC	0.87	1.20	<1.70	0.88			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U351		19-Jun-96	A51	AXRG 006	NC																					
01U351		12-Sep-96	A52	AZDV 009	96U03989	1.43	1.37	<1.70	1.10			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40	<1.05	<1.47	<1.36		
01U352		11-Mar-94	F42	ITD 006	NC																					
01U352		13-May-94	F43	IVB 005	106330	<1.00	<0.50	<1.00	5.36			<1.90	<1.00	<1.00	<0.78	0.30	<1.30	<0.72	<1.00	<1.00	<3.20	8.83	<0.87	<8.28		
01U352		13-May-94	F43	ITF 005	106330																					
01U352		09-Jun-94	F43	IVG 004	125210	<10.00	3.20	<10.00	540.00			<19.00	<10.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00	3.11	<0.87	<8.28		
01U352		09-Jun-94	F43	ITM 004	124850																					
01U352		06-Jul-94	F44	IVJ 004	144800	<5.00	5.00	<5.00	200.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00	270.00	3.14	35.30		
01U352		03-Aug-94	F44	IVM 005	172073	0.59	3.76	<1.00	110.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U352		07-Sep-94	F44	IVP 009	207160	<5.00	5.90	<5.00	140.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
01U352		07-Sep-94	F44	ITQ 004	208191																					
01U352		07-Sep-94	F44	ITP 010	208191																	25.00	<0.87	5.51		
01U352		10-Oct-94	F45	IVY 005	237256	<1.00	3.03	<1.00	36.60			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	0.48	<1.00	<1.00	<3.20	29.00	<4.40	<41.00		
01U352		08-Nov-94	F45	IZA 005		<1.00	3.57	<1.00	42.20			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U352		05-Dec-94	F45	IZC 009	285544	<1.00	4.20	<1.00	35.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U352		17-Jan-95	F46	IZI 010	10189	<1.00	3.81	<1.00	20.30			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U352		03-Mar-95	F46	DRJ 017	4979-01	<2.41	6.91	<1.01		30.50	3.88	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	2.85	<3.94	<4.47	<1.41					
01U352		11-Jul-95	F48	ENF 010	6038-01	<2.41	1.45	<1.01		9.43	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	1.76	<3.94	<4.47	<1.41					
01U352		08-Aug-95	F48	ESH 009	6304-01	<2.41	2.94	<1.01		18.10	1.87	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	1.35	<3.94	<4.47	<1.41					
01U352		07-Sep-95	F48	EWB 009	6479-01	<2.41	<1.04	<1.01		3.94	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	1.44	<3.94	<4.47	<1.41					
01U352		15-Dec-95	A49	HWJ 016	360635	<1.00	1.49	<1.00	7.23		2.29	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	0.83	<1.00	<1.00	<3.20					
01U352		11-Mar-96	A50	HWR 011	42625	1.05	5.21	<1.00	16.90		1.41	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U352	(4)	11-Mar-96	A50	HWR 012	42625	1.06	5.16	<1.00	16.70		1.44	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U352		19-Jun-96	A51	AXRG 007	NC																					
01U352		19-Jun-96	A51	AXRH 007	NC	1.68	4.65	<1.70	30.20			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40	<1.05	<1.47	<1.36		

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U352		12-Sep-96	A52	AZDV 010	96U03989	2.13	5.36	<1.70	43.80			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U353		11-Mar-94	F42	ITC 018	NC																	3.52	<0.87	<8.28		
01U353		13-May-94	F43	IVB 006	106330	<1.00	1.03	<1.00	24.40			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	0.76	<3.20					
01U353		13-May-94	F43	ITF 006	106330																	0.49	<0.87	<8.28		
01U353		09-Jun-94	F43	IVG 006	125210	<5.00	7.00	<5.00	440.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
01U353		09-Jun-94	F43	ITL 009	124850																	110.00	1.92	17.30		
01U353		06-Jul-94	F44	IVK 005	144800	<2.00	8.80	<2.00	250.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
01U353		03-Aug-94	F44	IVM 006	172073	<1.00	7.88	<1.00	190.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U353		07-Sep-94	F44	ITP 009	208191																	29.00	<4.40	<41.00		
01U353		07-Sep-94	F44	IVP 010	207160	<5.00	13.00	<5.00	230.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
01U353		10-Oct-94	F45	IVY 006	237256	<2.00	11.00	<2.00 (6)	150.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
01U353	(4)	10-Oct-94	F45	IVY 007	237256	<2.00	9.40	<2.00 (6)	270.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
01U353		08-Nov-94	F45	IZB 004		0.80	10.20	<1.00	230.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U353		05-Dec-94	F45	IZD 006	285544	<1.00	9.94	<1.00	350.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U353		17-Jan-95	F46	IZI 004	10189	<10.00	2.90	<10.00	250.00			<19.00	<10.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
01U353		03-Mar-95	F46	DRJ 016	4979-01	<2.41	3.00	<1.01		67.00	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U353		03-Apr-95	F47	DTI 008	5170-01	<12.00	<5.20	<5.00		18.00	7.90	<21.00	<5.80	<7.60	<4.90	<20.00	<6.00	<5.40	<20.00	<22.00	<7.00					
01U353		08-May-95	F47	DYT 009	5405-01	<2.41	4.58	<1.01		210.00	9.10	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	2.47	<3.94	<4.47	<1.41					
01U353		11-Jul-95	F48	ENF 011	6038-01	<24.00	<10.00	<10.00		140.00	<11.00	<41.00	<12.00	<15.00	<9.70	<39.00	<12.00	<11.00	<39.00	<45.00	<14.00					
01U353		08-Aug-95	F48	ESH 010	6304-01	<12.00	<5.20	<5.00		210.00	<5.30	<21.00	<5.80	<7.60	<4.90	<20.00	<6.00	<5.40	<20.00	<22.00	<7.00					
01U353		07-Sep-95	F48	EWB 011	6479-01	<12.00	<5.20	<5.00		360.00	6.70	<21.00	<5.80	<7.60	<4.90	<20.00	<6.00	14.00	<20.00	<22.00	<7.00					
01U353		15-Dec-95	A49	HWJ 007	360635	<1.00	4.17	<1.00	110.00		4.05	<1.90	0.78	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U353		11-Mar-96	A50	HWR 008	42625	<1.00	0.93	<1.00	25.40		0.43	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U353		19-Jun-96	A51	AXRH 008	NC	<0.75	3.69	<1.70	143.00			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U353		19-Jun-96	A51	AXRG 008	NC																	22.00	<1.47	<1.36		
01U353		12-Sep-96	A52	AZDV 011	96U03989	<0.75	3.40	<1.70	132.00			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U354		10-Mar-94	F42	ITC 016	NC																	<0.41	<0.87	<8.28		
01U354		13-May-94	F43	IVB 007	106330	<1.00	0.32	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354		13-May-94	F43	ITF 007	106330																	<0.41	<0.87	<8.28		
01U354		09-Jun-94	F43	ITM 005	124850																	0.31	<0.87	<8.28		
01U354		09-Jun-94	F43	IVG 007	125210	<1.00	0.56	<1.00	3.03			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354		06-Jul-94	F44	IVJ 006	144800	<1.00	0.49	<1.00	6.61			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	0.66	<3.20					
01U354		03-Aug-94	F44	IVL 008	172073	<1.00	0.34	<1.00	14.30			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354		07-Sep-94	F44	ITP 015	208191																	1.58	<0.87	<8.28		
01U354		07-Sep-94	F44	IVP 011	207160	<1.00	0.72	<1.00	28.00			<1.90	<1.00	<1.00	<0.78	0.44	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354		07-Sep-94	F44	ITQ 014	208191																	1.90	<0.87	<8.28		
01U354		10-Oct-94	F45	IVY 008	237256	<1.00	0.65	<1.00	23.10			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354		08-Nov-94	F45	IZA 006		<1.00	0.52	<1.00	19.10			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354		05-Dec-94	F45	IZD 004	285544	<1.00	0.61	<1.00	17.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354	(4)	05-Dec-94	F45	IZC 010	285544	<1.00	0.59	<1.00	16.40			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354		17-Jan-95	F46	IZI 016	10189	<1.00	0.74	<1.00	14.70			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354		03-Mar-95	F46	DRJ 011	4979-01	<2.41	<1.04	<1.01		22.50	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U354		03-Apr-95	F47	DSG 010	5170-01	<2.41	1.37	<1.01		16.10	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U354		08-May-95	F47	DYT 011	5405-01	<2.41	<1.04	<1.01		9.17	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U354		11-Jul-95	F48	ENH 004	6038-01	<2.41	<1.04	<1.01		5.64	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U354		08-Aug-95	F48	ESI 004	6304-01	<2.41	<1.04	<1.01		3.71	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U354		07-Sep-95	F48	EWC 004	6479-01	<2.41	<1.04	<1.01		1.19	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U354		15-Dec-95	A49	HWJ 008	360635	<1.00	0.80	<1.00	3.31		0.31	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354		11-Mar-96	A50	HWR 013	42625	<1.00	0.84	<1.00	3.03		0.25	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U354		19-Jun-96	A51	AXRG 009	NC																	<1.05	<1.47	<1.36		
01U354		19-Jun-96	A51	AXRH 009	NC	<0.75	<0.56	<1.70	2.98			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U354		12-Sep-96	A52	AZDV 012	96U03989	<0.75	<0.56	<1.70	2.70			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U354	(4)	12-Sep-96	A52	AZDV 017	96U03989	<0.75	<0.56	<1.70	2.46			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U355		10-Mar-94	F42	ITC 005	48771																	18.00	<0.87	<8.28		
01U355		13-May-94	F43	ITF 008	106330																	10.20	<0.87	<8.28		
01U355		13-May-94	F43	IVB 012	106330	<1.00	0.80	<1.00	83.00			<1.90	<1.00	<1.00	<0.78	0.48	<1.30	0.58	<1.00	<1.00	<3.20					
01U355		09-Jun-94	F43	IVG 008	125210	<1.00	1.48	<1.00	220.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U355		09-Jun-94	F43	ITL 010	124850																	30.00	<0.87	<8.28		
01U355		06-Jul-94	F44	IVK 006	144800	<2.00	1.70	<2.00	150.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
01U355		03-Aug-94	F44	IVM 007	172073	<1.00	1.54	<1.00	140.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U355		07-Sep-94	F44	IVQ 004	207160	<2.00	1.70	<2.00	100.00			<3.80	<2.00	<2.00	<1.60	0.53	<2.60	<1.40	<2.00	<2.00	<6.40					
01U355		08-Sep-94	F44	ITQ 010	209724																	10.80	<0.87	<8.28		
01U355		08-Sep-94	F44	ITR 009	209724																	9.49	<0.87	<8.28		
01U355		10-Oct-94	F45	IVY 009	237256	<5.00	2.00	<5.00	110.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U355		08-Nov-94	F45	IZB 005		<1.00	1.14	<1.00	72.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U355		05-Dec-94	F45	IZC 011	285544	<2.00	1.30	<2.00	61.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
01U355		17-Jan-95	F46	IZI 012	10189	<2.00	0.75	<2.00	68.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
01U355		03-Mar-95	F46	DRJ 015	4979-01	<2.41	<1.04	<1.01		53.00	3.90	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U355		03-Apr-95	F47	DTI 007	5170-01	<4.80	<2.10	<2.00		56.00	5.40	<8.20	<2.30	<3.00	<1.90	<7.90	<2.40	<2.20	<7.90	<8.90	<2.80					
01U355		08-May-95	F47	DYT 015	5405-01	<4.80	<2.10	<2.00		44.00	3.90	<8.20	<2.30	<3.00	<1.90	<7.90	<2.40	<2.20	<7.90	<8.90	<2.80					
01U355		11-Jul-95	F48	ENH 009	6038-01	<2.41	<1.04	<1.01		30.50	2.37	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	2.24	<3.94	<4.47	<1.41					
01U355		08-Aug-95	F48	ESI 009	6304-01	<2.41	<1.04	<1.01		27.60	2.01	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	2.30	<3.94	<4.47	<1.41					
01U355		07-Sep-95	F48	EWC 009	6479-01	<2.41	<1.04	<1.01		30.00	1.82	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	1.98	<3.94	<4.47	<1.41					
01U355		15-Dec-95	A49	HWJ 009	360635	<1.00	1.06	<1.00	19.80		1.90	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	0.53	<1.00	<1.00	<3.20					
01U355	(4)	15-Dec-95	A49	HWJ 010	360635	<1.00	1.16	<1.00	19.90		1.94	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	0.51	<1.00	<1.00	<3.20					
01U355		11-Mar-96	A50	HWR 016	42625	<1.00	1.02	<1.00	16.90		1.09	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U355		19-Jun-96	A51	AXRH 010	NC	<0.75	<0.56	<1.70	27.50			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U355		19-Jun-96	A51	AXRG 010	NC																	<1.05	<1.47	<1.36		
01U355		12-Sep-96	A52	AZDV 014	96U03989	<0.75	<0.56	<1.70	20.60			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U356		10-Mar-94	F42	ITB 016	48771																	3.07	<0.87	<8.28		
01U356		13-May-94	F43	IVB 013	106330	<2.00	3.40	<2.00	350.00			<3.80	<2.00	<2.00	<1.60	0.69	<2.60	<1.40	<2.00	<2.00	<6.40					
01U356		13-May-94	F43	ITF 009	106330																	3.40	<1.70	<17.00		
01U356		09-Jun-94	F43	ITL 011	124850																	3.11	<0.87	<8.28		
01U356		09-Jun-94	F43	IVG 009	125210	<1.00	2.42	<1.00	290.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U356		06-Jul-94	F44	IVK 007	144800	<5.00	2.00	<5.00	160.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
01U356		03-Aug-94	F44	IVN 004	172073	<1.00	1.35	<1.00	130.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U356		07-Sep-94	F44	IVP 012	207160	<2.00	1.40	<2.00	100.00			<3.80	<2.00	<2.00	<1.60	0.69	<2.60	0.89	<2.00	<2.00	<6.40					
01U356		08-Sep-94	F44	ITQ 011	209724																	4.64	<0.87	<8.28		
01U356		10-Oct-94	F45	IVY 010	237256	<1.00	1.35	<1.00	<0.50			<1.90	<1.00	<1.00	78.00	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U356		08-Nov-94	F45	IZB 006		<1.00	0.99	<1.00	65.00			<1.90	0.76	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U356		05-Dec-94	F45	IZC 012	285544	<2.00	1.20	<2.00	59.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
01U356		03-Mar-95	F46	DRJ 014	4979-01	<4.80	<2.10	<2.00		51.00	5.60	<8.20	<2.30	<3.00	<1.90	<9.30	<2.40	<2.20	<7.90	<8.90	<2.80					
01U356		03-Apr-95	F47	DTI 004	5170-01	<4.80	<2.10	<2.00		46.00	6.80	<8.20	<2.30	<3.00	<1.90	<7.90	<2.40	<2.20	<7.90	<8.90	<2.80					
01U356		08-May-95	F47	DYT 016	5405-01	<4.80	<2.10	<2.00		32.00	4.40	<8.20	<2.30	<3.00	<1.90	<7.90	<2.40	<2.20	<7.90	<8.90	<2.80					
01U356		11-Jul-95	F48	ENH 006	6038-01	<2.41	<1.04	<1.01		24.20	3.26	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U356		08-Aug-95	F48	ESI 006	6304-01	<2.41	<1.04	<1.01		24.30	3.07	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U356		07-Sep-95	F48	EWC 006	6479-01	<2.41	<1.04	<1.01		20.50	2.38	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U356		15-Dec-95	A49	HWJ 011	360635	<1.00	0.72	<1.00	16.70		2.28	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U356		11-Mar-96	A50	HWR 020	42625	<1.00	0.71	<1.00	19.10		1.47	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U356		19-Jun-96	A51	AXRH 011	NC	<0.75	<0.56	<1.70	24.00			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U356		19-Jun-96	A51	AXRG 011	NC																	<1.05	<1.47	<1.36		
01U356		12-Sep-96	A52	AZDV 015	96U03989	<0.75	<0.56	<1.70	16.30			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U357		10-Mar-94	F42	ITB 017	48771																	11.60	<0.87	<8.28		
01U357		13-May-94	F43	IVB 014	106330	<1.00	0.96	<1.00	54.00			<1.90	<1.00	<1.00	<0.78	0.44	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357		13-May-94	F43	ITF 010	106330																	7.27	<0.87	<8.28		
01U357		09-Jun-94	F43	ITM 006	124850																	10.90	<0.87	<8.28		
01U357		09-Jun-94	F43	IVG 010	125210	<1.00	0.75	<1.00	68.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357		06-Jul-94	F44	IVK 008	144800	<1.00	0.77	<1.00	70.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357		03-Aug-94	F44	IVM 008	172073	<1.00	0.56	<1.00	65.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357	(4)	03-Aug-94	F44	IVM 009	172073	<1.00	0.56	<1.00	76.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357		07-Sep-94	F44	IVP 013	207160	<2.00	0.77	<2.00	63.00			<3.80	<2.00	<2.00	<1.60	0.59	<2.60	<1.40	<2.00	<2.00	4.30					
01U357		08-Sep-94	F44	ITR 010	209724																	2.32	<0.87	<8.28		
01U357		08-Sep-94	F44	ITQ 012	209724																	2.40	<0.87	<8.28		
01U357		10-Oct-94	F45	IVZ 005	237256	<1.00	0.66	<1.00	44.80			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357		08-Nov-94	F45	IZA 007		<1.00	0.55	<1.00	51.40			<1.90	<1.00	<1.00	<0.78	0.32	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357		05-Dec-94	F45	IZC 013	285544	<1.00	0.61	<1.00	37.90			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357		17-Jan-95	F46	IZI 014	10189	<1.00	0.40	<1.00	33.10			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357		03-Mar-95	F46	DRJ 018	4979-01	<2.41	<1.04	<1.01		50.40	6.22	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	2.34	<3.94	<4.47	<1.41					
01U357		03-Apr-95	F47	DTI 003	5170-01	<2.41	<1.04	<1.01		46.50	8.40	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U357		08-May-95	F47	DYT 017	5405-01	<2.41	<1.04	<1.01		40.30	6.16	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	1.89	<3.94	<4.47	<1.41					
01U357		11-Jul-95	F48	ENH 008	6038-01	<2.41	<1.04	<1.01		26.90	3.96	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	1.53	<3.94	<4.47	<1.41					
01U357		08-Aug-95	F48	ESI 008	6304-01	<2.41	<1.04	<1.01		26.00	3.50	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U357		07-Sep-95	F48	EWC 007	6479-01	<2.41	<1.04	<1.01		21.60	2.63	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	1.41	<3.94	<4.47	<1.41					
01U357		15-Dec-95	A49	HWJ 012	360635	<1.00	0.48	<1.00	19.10		4.54	<1.90	0.56	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357		11-Mar-96	A50	HWR 018	42625	<1.00	0.53	<1.00	17.10		1.41	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U357		19-Jun-96	A51	AXRH 012	NC	<0.75	<0.56	<1.70	22.30			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	(6) <7.40					
01U357	(4)	19-Jun-96	A51	AXRH 013	NC	<0.75	<0.56	<1.70	21.20			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	(6) 9.37					
01U357		19-Jun-96	A51	AXRG 012	NC																	<1.05	<1.47	<1.36		
01U357	(4)	19-Jun-96	A51	AXRG 013	NC																	<1.05	<1.47	<1.36		

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U357		12-Sep-96	A52	AZDV 016	96U03989	<0.75	<0.56	<1.70	15.90			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U358		10-Mar-94	F42	ITC 014	48771																	<0.41	<0.87	<8.28		
01U358		13-May-94	F43	ITF 016	106330																	0.22	<0.87	<8.28		
01U358		13-May-94	F43	IVB 016	106330	<1.00	<0.50	<1.00	1.08			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		09-Jun-94	F43	ITL 012	124850																	3.80	<0.87	<8.28		
01U358		09-Jun-94	F43	IVG 011	125210	<1.00	<0.50	<1.00	28.60			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		06-Jul-94	F44	IVJ 007	144800	<1.00	0.33	<1.00	34.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		03-Aug-94	F44	IVL 009	172073	<1.00	0.31	<1.00	34.70			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		07-Sep-94	F44	IVP 014	207160	<1.00	0.45	<1.00	32.00			<1.90	<1.00	<1.00	<0.78	(6) 0.64	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358	(4)	07-Sep-94	F44	IVP 015	207160	<1.00	0.47	<1.00	32.50			<1.90	<1.00	<1.00	<0.78	(6) 0.49	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		08-Sep-94	F44	ITQ 013	209724																	1.94	<0.87	<8.28		
01U358		10-Oct-94	F45	IVZ 006	237256	<1.00	0.41	<1.00	28.80			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		08-Nov-94	F45	IZB 007		<1.00	0.40	<1.00	28.50			<1.90	<1.00	<1.00	<0.78	0.33	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358	(4)	08-Nov-94	F45	IZB 008		<1.00	0.49	<1.00	29.30			<1.90	<1.00	<1.00	<0.78	0.35	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		05-Dec-94	F45	IZC 014	285544	<1.00	0.38	<1.00	26.60			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		17-Jan-95	F46	IZI 013	10189	<1.00	0.32	<1.00	28.40			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358	(4)	17-Jan-95	F46	IZI 015	10189	<1.00	0.31	<1.00	29.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		03-Mar-95	F46	DRJ 012	4979-01	<2.41	<1.04	<1.01		28.40	3.43	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U358		03-Apr-95	F47	DSG 011	5170-01	<2.41	<1.04	<1.01		29.50	4.66	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U358		08-May-95	F47	DYT 012	5405-01	<2.41	<1.04	<1.01		20.20	2.55	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	3.44	<3.94	<4.47	<1.41					
01U358		11-Jul-95	F48	ENH 005	6038-01	<2.41	<1.04	<1.01		13.00	1.51	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U358		08-Aug-95	F48	ESI 005	6304-01	<2.41	<1.04	<1.01		10.10	1.54	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	1.75	<3.94	<4.47	<1.41					
01U358		07-Sep-95	F48	EWC 005	6479-01	<2.41	<1.04	<1.01		14.50	1.44	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U358		15-Dec-95	A49	HWJ 013	360635	<1.00	0.38	<1.00	10.10		2.59	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		11-Mar-96	A50	HWR 017	42625	<1.00	0.40	<1.00	10.20		0.80	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U358		19-Jun-96	A51	AXRG 014	NC																	<1.05	<1.47	<1.36		
01U358		19-Jun-96	A51	AXRH 014	NC	<0.75	<0.56	<1.70	11.00			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U358		12-Sep-96	A52	AZDV 013	96U03989	<0.75	<0.56	<1.70	8.87			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U526		17-Mar-94	F42	IUN 016	NC	<1.00	1.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U526		10-Mar-95	F46	DRO 015	5027-01 (5)	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U604		01-Mar-94	A42	IKQQ 008	39039	<1.00	1.16	<1.00	0.59		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U604		07-Mar-95	A46	IZK 011	53961	<1.00	0.31	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U604		04-Jun-96	A51	AXNL 006	96U01587	<0.75	(6) 0.96	<1.70	(6) <0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U604	(4)	04-Jun-96	A51	AXNL 007	96U01587	<0.75	(6) 21.60	<1.70	(6) 1.99			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U611		01-Mar-94	A42	IKQQ 013	39039	<5000.00	180000.00	<5000.00	3900.00		<1500.00	<9500.00	<5000.00	<5000.00	<3900.00	<2500.00	<6500.00	<3600.00	<5000.00	<5000.00	<16000.00					
01U611		07-Mar-95	A46	IZK 005	53961	<500.00	35000.00	<500.00	5100.00		<150.00	<950.00	<500.00	<500.00	<390.00	<250.00	<650.00	<360.00	<500.00	<500.00	<1600.00					
01U611		04-Jun-96	A51	AXNL 008	96U01587	2.90	45000.00	3.71	1820.00			9.23	<0.76	<0.78	<0.73	2.99	<0.99	<0.50	<1.00	<1.00	<7.40					
01U615		01-Mar-94	A42	IKQQ 004	39039	<200.00	17000.00	<200.00	920.00		80.00	<380.00	<200.00	<200.00	<160.00	<100.00	<260.00	<140.00	<200.00	<200.00	<640.00					
01U615		07-Mar-95	A46	IZK 004	53961	<250.00	12000.00	<250.00	1100.00		240.00	<480.00	<250.00	<250.00	<200.00	<130.00	<330.00	<180.00	<250.00	<250.00	<800.00					
01U615		04-Jun-96	A51	AXNL 009	96U01587	<0.75	5800.00	2.21	1400.00			12.80	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U617		01-Mar-94	A42	IKP 004	39039	<1.00	1.30	<1.00	1.85		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U617	(4)	01-Mar-94	A42	IKP 005	39039	<1.00	1.38	<1.00	2.27		<0.30	<1.90	<1.00	<1.00	<0.78	0.75	<1.30	<0.72	<1.00	<1.00	<3.20					
01U617		06-Sep-94	A44	ZVO 004	NC	<1.00	0.93	<1.00	2.00		<0.30	<1.90	<1.00	<1.00	<0.78	0.48	<1.30	<0.72	<1.00	<1.00	<3.20					
01U617		07-Mar-95	A46	IZK 015	53961	<1.00	0.78	<1.00	2.42		0.37	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U617		05-Sep-95	A48	HWC 004	258830	<1.00	0.86	<1.00	2.97		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U617		04-Jun-96	A51	AXNL 010	96U01587	<0.75	1.02	<1.70	4.60			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U617		03-Sep-96	A52	AYZB 007	96U03540	<0.75	<0.56	<1.70	5.38			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U618		01-Mar-94	A42	IKQQ 010	39039	<1.00	3.43	<1.00	1.01		<0.30	<1.90	<1.00	<1.00	1.72	<0.50	<1.30	<0.72	<1.00	5.83	<3.20					
01U618		07-Mar-95	A46	IZK 014	53961	<1.00	3.36	<1.00	1.00		<0.30	<1.90	<1.00	<1.00	1.84	<0.50	<1.30	<0.72	<1.00	5.66	<3.20					
01U618		04-Jun-96	A51	AXNL 012	96U01587	<0.75	3.82	<1.70	1.32			<1.01	<0.76	<0.78	1.51	<1.10	<0.99	<0.50	<1.00	14.70	<7.40					
01U619		01-Mar-94	A42	IKQQ 009	39039	<1.00	1.85	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	26.70	<3.20					
01U619		07-Mar-95	A46	IZL 007	53961	<1.00	2.48	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	0.55	<0.50	<1.30	<0.72	<1.00	380.00	<3.20					
01U619		04-Jun-96	A51	AXNL 013	96U01587	<0.75	2.16	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	143.00	<7.40					
01U621		01-Mar-94	A42	IKP 006	39039	<1.00	<0.50	<1.00	5.21		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U621		06-Sep-94	A44	ZVO 005	NC	<1.00	<0.50	<1.00	12.00		<0.30	<1.90	<1.00	<1.00	<0.78	0.27	<1.30	<0.72	<1.00	<1.00	<3.20					
01U621	(4)	06-Sep-94	A44	ZVO 006	NC	<1.00	<0.50	<1.00	12.10		<0.30	<1.90	<1.00	<1.00	<0.78	0.26	<1.30	<0.72	<1.00	<1.00	<3.20					
01U621		07-Mar-95	A46	IZK 013	53961	<1.00	<0.50	<1.00	9.64		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U621		05-Sep-95	A48	HWC 005	258830	<1.00	<0.50	<1.00	11.10		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U621	(4)	05-Sep-95	A48	HWC 006	258830	<1.00	<0.50	<1.00	11.70		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U621		04-Jun-96	A51	AXNL 014	96U01587	<0.75	0.95	<1.70	13.80			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U621		03-Sep-96	A52	AYZB 005	96U03540	<0.75	<0.56	<1.70	(6) 12.90			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U621	(4)	03-Sep-96	A52	AYZB 006	96U03540	<0.75	<0.56	<1.70	(6) <0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U636		13-Jun-96	A51	AXPY 007	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U639		11-Mar-94	A42	IUC 010	49735	<1.00	1.58	<1.00	1.25		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U640		13-Jun-96	A51	AXPY 008	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U901		11-Mar-94	F42	IUF 011	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U901		11-Mar-94	F42	ITC 013	NC																					
01U901		09-Jun-94	F43	IVG 017	125210	<2.00	<1.00	<2.00	2.20			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40	<0.41	<0.87	<8.28		
01U901		10-Jun-94	F43	ITM 008	125865																	11.40	11.00	<8.28		
01U901		06-Jul-94	F44	IVK 009	144800	<1.00	<0.50	<1.00	9.53			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U901		03-Aug-94	F44	IVL 006	172073	<1.00	<0.50	<1.00	1.44			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U901		07-Sep-94	F44	IVP 007	207160	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.45	<1.30	<0.72	<1.00	<1.00	<3.20					
01U901		12-Sep-94	F44	ITT 005	NC																					
01U901		12-Sep-94	F44	IVU 005	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.44	<1.30	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28		
01U901		10-Oct-94	F45	IVZ 011	237256	<1.00	<0.50	<1.00	0.39			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U901		08-Nov-94	F45	IZB 011		<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U901		05-Dec-94	F45	IZC 007	285544	<1.00	<0.50	<1.00	1.25			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U901		17-Jan-95	F46	IZI 008	10189	<1.00	<0.50	<1.00	5.97			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U901		03-Mar-95	F46	DRJ 007	4979-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U901		03-Apr-95	F47	DSG 005	5170-01	<2.41	1.29	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U901		01-May-95	F47	DYT 005	5405-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U901		11-Jul-95	F48	ENF 004	6038-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U901		08-Aug-95	F48	ESH 004	6304-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U901		07-Sep-95	F48	EWB 004	6479-01	<2.41	1.33	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U901		15-Dec-95	A49	HWJ 023	360635	<1.00	<0.50	<1.00	0.69		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U901		11-Mar-96	A50	HWQ 004	42625	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U901		19-Jun-96	A51	AXRH 018	NC (5)	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U901		19-Jun-96	A51	AXRG 018	NC (5)																					
01U901		13-Sep-96	A52	AZDW 022	96U03989	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40	<1.05	<1.47	<1.36		
01U902		27-Oct-93	F41	IKI 010		<1.00	1.67	<1.00	98.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		09-Dec-93	F41	IKL 008	NC	<1.00	1.68	<1.00	70.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		27-Jan-94	F42	IKN 006	13234	<1.00	1.76	<1.00	110.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		15-Feb-94	F42	IKO 004	29327	<1.00	2.02	<1.00	92.60			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		23-Mar-94	F42	IUW 006	62588 (5)	<2.00	2.00	<2.00	100.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
01U902		23-Mar-94	F42	ITE 004	62588 (5)																					
01U902		24-Mar-94	M42			<0.20	2.40	0.60		98.00	5.70	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	1.70	<1.70	<17.00		
01U902		21-Apr-94	F43	IUZ 004	83402	<5.00	(6) 2.50	<5.00	87.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00	2.20	0.30		<0.20	0.40
01U902	(4)	21-Apr-94	F43	IUZ 005	83402	<5.00	(6) 1.60	<5.00	82.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
01U902		09-Jun-94	F43	IVG 016	125210	<1.00	1.54	<1.00	100.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		10-Jun-94	F43	IVI 005	125865 (5)	<1.00	1.23	<1.00	94.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		10-Jun-94	F43	ITM 010	125865 (5)																					
01U902		06-Jul-94	F44	IVK 004	144800	<5.00	2.10	<5.00	98.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00	1.78	<0.87	<8.28		
01U902		03-Aug-94	F44	IVM 004	172073	<1.00	1.52	<1.00	93.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		07-Sep-94	F44	IVP 006	207160	<5.00	1.60	<5.00	98.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
01U902		12-Sep-94	F44	ITT 008	NC																					
01U902		12-Sep-94	F44	IVU 006	NC	<2.00	1.90	<2.00	100.00			<3.80	<2.00	<2.00	<1.60	0.53	<2.60	<1.40	<2.00	<2.00	<6.40	1.07	<0.87	<8.28		
01U902		10-Oct-94	F45	IVZ 010	237256	<1.00	1.41	<1.00	87.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		08-Nov-94	F45	IZB 013		<1.00	0.92	<1.00	65.00			<1.90	<1.00	<1.00	<0.78	0.28	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		05-Dec-94	F45	IZC 006	285544	<2.00	<1.00	<2.00	74.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
01U902		17-Jan-95	F46	IZI 006	10189	<1.00	1.13	<1.00	92.00			<1.90	0.91	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		03-Mar-95	F46	DRJ 004	4979-01	<2.41	<1.04	<1.01		58.00	2.90	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U902		03-Apr-95	F47	DTI 005	5170-01	<4.80	<2.10	<1.01		27.80	<1.06	<4.10	<2.30	<3.00	<0.97	<7.90	<2.40	<1.08	<7.90	<4.47	<1.41					
01U902		01-May-95	F47	DYT 014	5405-01	<4.80	<2.10	<2.00		44.00	<2.10	<8.20	<2.30	<3.00	<1.90	<7.90	<2.40	<2.20	<7.90	<8.90	<2.80					
01U902		11-Jul-95	F48	ENF 009	6038-01	<4.80	<2.10	<2.00		56.00	<2.10	<8.20	<2.30	<3.00	<1.90	<7.90	<2.40	<2.20	<7.90	<8.90	<2.80					
01U902		08-Aug-95	F48	ESH 011	6304-01	<2.41	<1.04	<1.01		43.00	1.95	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U902		07-Sep-95	F48	EWB 010	6479-01	<2.41	1.53	<1.01		56.00	2.67	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U902		15-Dec-95	A49	HWJ 020	360635	<1.00	1.23	<1.00	41.00		7.29	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		11-Mar-96	A50	HWR 006	42625	<1.00	1.24	<1.00	34.20		1.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U902		19-Jun-96	A51	AXRH 016	NC	<0.75	<0.56	<1.70	45.70			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U902		19-Jun-96	A51	AXRG 016	NC																	<1.05	<1.47	<1.36		

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
01U902		13-Sep-96	A52	AZDW 020	96U03989	0.88	0.78	<1.70	57.10			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U903		11-Mar-94	F42	IUI 005	NC	<1.00	0.91	<1.00	1.02			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		13-May-94	F43	ITF 013	106330																	<0.41	<0.87	<8.28		
01U903		13-May-94	F43	IVB 009	106330	<1.00	<0.50	<1.00	0.75			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		09-Jun-94	F43	IVG 014	125210	<1.00	<0.50	<1.00	0.67			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		09-Jun-94	M43			<0.20	0.60	<0.50		1.00	0.10	<1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	1.20	1.80		0.40	0.90
01U903		09-Jun-94	M43			<0.20	0.60	<0.50		1.00	0.10	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	1.20	1.80		0.40	0.90
01U903		10-Jun-94	F43	ITM 012	125865																	<0.41	<0.87	<8.28		
01U903		06-Jul-94	F44	IVJ 009	144800	<1.00	0.37	<1.00	0.55			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		03-Aug-94	F44	IVL 004	172073	<1.00	<0.50	<1.00	0.57			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		07-Sep-94	F44	IVP 004	207160	<1.00	0.55	<1.00	0.78			<1.90	0.61	<1.00	<0.78	0.51	<1.30	<0.72	<1.00	<1.00	1.91					
01U903		12-Sep-94	F44	IVU 015	NC	<1.00	0.42	<1.00	0.54			<1.90	<1.00	<1.00	<0.78	0.40	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		12-Sep-94	F44	ITT 009	NC																	<0.41	<0.87	<8.28		
01U903		10-Oct-94	F45	IVZ 008	237256	<1.00	0.52	<1.00	0.73			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		08-Nov-94	F45	IZB 009		<1.00	0.41	<1.00	0.65			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		05-Dec-94	F45	IZC 004	285544	<1.00	0.38	<1.00	0.60			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		17-Jan-95	F46	IZJ 005	10189	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		03-Mar-95	F46	DRJ 003	4979-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U903		03-Apr-95	F47	DSG 006	5170-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U903		01-May-95	F47	DYT 006	5405-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U903		11-Jul-95	F48	ENF 005	6038-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U903		08-Aug-95	F48	ESH 005	6304-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U903		07-Sep-95	F48	EWB 005	6479-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U903		15-Dec-95	A49	HWJ 018	360635 (5)	<1.00	0.59	<1.00	1.10		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		11-Mar-96	A50	HWR 007	42625	<1.00	0.80	<1.00	0.99		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U903		19-Jun-96	A51	AXRH 015	NC	<0.75	<0.56	<1.70	1.05			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U903		19-Jun-96	A51	AXRG 015	NC																	<1.05	<1.47	<1.36		
01U903		13-Sep-96	A52	AZDW 021	96U03989	1.01	<0.56	<1.70	0.94			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U903		13-Sep-96	A52	AZEB 006	96U03989																	<1.05	<1.47	<1.36		
01U904		11-Mar-94	F42	ITC 020	NC (5)																	2.41	<0.87	<8.28		
01U904		13-May-94	F43	ITF 014	106330																	<0.41	<0.87	<8.28		
01U904		13-May-94	F43	IVB 010	106330	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904	(4)	13-May-94	F43	ITG 004	106330 (5)																	<0.41	<0.87	<8.28		
01U904	(4)	13-May-94	F43	IVC 004	106330 (5)	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	1.08	<3.20					
01U904		09-Jun-94	F43	IVG 015	125210	<1.00	0.58	<1.00	48.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		09-Jun-94	M43			<0.20	0.90	<0.50		51.00	5.20	<1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	1.20	<0.20		<0.20	<0.20
01U904		09-Jun-94	M43			<0.20	0.90	<0.50		51.00	5.20	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	1.20	<0.20		<0.20	<0.20
01U904		10-Jun-94	F43	ITM 007	125865																	<0.41	<0.87	<8.28		
01U904		06-Jul-94	F44	IVJ 010	144800	<1.00	<0.50	<1.00	18.10			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		03-Aug-94	F44	IVL 005	172073	<1.00	<0.50	<1.00	2.06			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		07-Sep-94	F44	IVP 005	207160	<1.00	<0.50	<1.00	13.80			<1.90	0.65	<1.00	<0.78	0.52	<1.30	<0.72	<1.00	<1.00	1.51					
01U904		12-Sep-94	F44	IVU 007	NC	<1.00	<0.50	<1.00	0.37			<1.90	<1.00	<1.00	<0.78	0.40	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		12-Sep-94	F44	IVU 009	NC	<1.00	71.00	5.10	1.43			<1.90	14.10	<1.00	11.40	0.68	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		12-Sep-94	F44	ITT 006	NC																	<0.41	<0.87	<8.28		
01U904		10-Oct-94	F45	IVZ 009	237256	<1.00	<0.50	<1.00	17.90			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		08-Nov-94	F45	IZB 010		<1.00	<0.50	<1.00	19.40			<1.90	<1.00	<1.00	<0.78	0.25	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		05-Dec-94	F45	IZC 005	285544	<1.00	<0.50	<1.00	10.20			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		17-Jan-95	F46	IZJ 007	10189	<1.00	<0.50	<1.00	2.59			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		03-Mar-95	F46	DRJ 008	4979-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
01U904		03-Apr-95	F47	DSG 007	5170-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U904		01-May-95	F47	DYT 007	5405-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U904		11-Jul-95	F48	ENF 006	6038-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U904		08-Aug-95	F48	ESH 006	6304-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U904		07-Sep-95	F48	EWB 006	6479-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
01U904		15-Dec-95	A49	HWJ 021	360635	<1.00	<0.50	<1.00	6.34		1.81	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		11-Mar-96	A50	HWR 009	42625	<1.00	<0.50	<1.00	0.88		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
01U904		19-Jun-96	A51	AXRG 017	NC																	<1.05	<1.47	<1.36		
01U904		19-Jun-96	A51	AXRH 017	NC	<0.75	<0.56	<1.70	3.01			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U904		13-Sep-96	A52	AZDW 019	96U03989	<0.75	<0.56	<1.70	8.88			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
01U904		13-Sep-96	A52	AZEB 005	96U03989																	<1.05	<1.47	<1.36		
03F302		03-Mar-94	A42	IKS 010	44113	<20.00	430.00	<20.00	<10.00		<6.00	<38.00	<20.00	<20.00	<16.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03F302		07-Sep-94	A44	ZVQ 012	NA	<10.00	520.00	<10.00	16.00		<3.00	<19.00	16.00	<10.00	5.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03F302		14-Mar-95	A46	IZP 006	59420	<10.00	400.00	<10.00	13.00		<3.00	<19.00	15.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03F302	(4)	14-Mar-95	A46	IZP 007	59420	<10.00	390.00	<10.00	14.00		<3.00	<19.00	15.00	<10.00	4.10	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
03F302		11-Sep-95	A48	HWD 011	267619	<20.00	360.00	<20.00	8.90		<180.00	<38.00	19.00	<20.00	<16.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03F302	(4)	11-Sep-95	A48	HWD 012	267619	<20.00	360.00	<20.00	8.90		<180.00	<38.00	17.00	<20.00	<16.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03F302		06-Jun-96	A51	AXNV 016	96U01742	<0.75	320.00	<1.70	12.20			<1.01	13.70	<0.78	2.80	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03F302		10-Sep-96	A52	AZAM 010	96U03825	1.75	380.00	3.85	19.10			<1.01	16.80	<0.78	3.71	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03F303		03-Mar-94	A42	IKS 011	44113	<10.00	250.00	<10.00	<5.00		<3.00	<19.00	48.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03F303		07-Sep-94	A44	IVR 009	NA	5.10	160.00	9.30	4.60		<0.60	<3.80	41.00	2.50	4.60	1.30	<2.60	0.78	<2.00	<2.00	<6.40					
03F303	(4)	07-Sep-94	A44	IVR 010	NA	4.90	180.00	8.60	4.60		<0.60	<3.80	41.00	2.50	4.60	1.20	<2.60	<1.40	<2.00	<2.00	<6.40					
03F303		14-Mar-95	A46	IZQ 005	59420	3.80	120.00	8.60	3.50		<1.50	<9.50	33.00	<5.00	5.20	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03F303		11-Sep-95	A48	HWD 010	267619	5.00	140.00	8.10	3.20		<44.00	<9.50	36.00	<5.00	4.50	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03F303		06-Jun-96	A51	AXNV 017	96U01742	2.08	106.00	6.87	2.42			<1.01	23.10	3.81	5.74	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03F303		10-Sep-96	A52	AZAM 011	96U03825	4.75	135.00	12.60	6.57			<1.01	24.70	<0.78	7.24	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03F304		03-Mar-94	A42	IKS 012	44113	<1.00	17.60	5.47	<0.50		<0.30	<1.90	39.20	<1.00	2.74	0.72	<1.30	<0.72	<1.00	<1.00	<3.20					
03F304		07-Sep-94	A44	IVR 011	NA	<1.00	31.50	8.94	0.47		<0.30	<1.90	38.20	1.05	3.98	0.97	<1.30	<0.72	<1.00	<1.00	<3.20					
03F304		14-Mar-95	A46	IZQ 006	59420	<1.00	19.50	4.92	0.42		<0.30	<1.90	17.90	0.64	3.76	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03F304		11-Sep-95	A48	HWD 009	267619	<1.00	27.40	6.28	0.57		<8.82	<1.90	19.30	<1.00	4.06	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03F304		06-Jun-96	A51	AXNV 018	96U01742	<0.75	20.10	2.51	<0.76			<1.01	12.90	<0.78	3.27	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03F304		10-Sep-96	A52	AZAM 012	96U03825	<0.75	27.10	5.85	1.44			<1.01	13.80	<0.78	4.09	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03F305		03-Mar-94	A42	IKS 013	44113	<100.00	2800.00	<100.00	<50.00		<30.00	<190.00	910.00	<100.00	130.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
03F305		07-Sep-94	A44	IVR 012	NA	<50.00	2600.00	160.00	65.00		<15.00	<95.00	820.00	<50.00	160.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03F305		14-Mar-95	A46	IZQ 010	59420	<50.00	1900.00	130.00	<25.00		<15.00	<95.00	620.00	<50.00	150.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03F305		11-Sep-95	A48	HWD 008	267619	<100.00	2300.00	110.00	62.00		<880.00	<190.00	590.00	<100.00	120.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
03F305		06-Jun-96	A51	AXNV 019	96U01742	<0.75	1400.00	106.00	79.00			<1.01	340.00	<0.78	136.00	6.16	<0.99	7.31	<1.00	<1.00	<7.40					
03F305		10-Sep-96	A52	AZAM 013	96U03825	<0.75	2100.00	142.00	129.00			<1.01	400.00	<0.78	154.00	4.20	<0.99	<0.50	<1.00	<1.00	<7.40					
03F306		03-Mar-94	A42	IKS 014	44113	<200.00	4900.00	<200.00	<100.00		<60.00	<380.00	1100.00	<200.00	<160.00	<100.00	<260.00	<140.00	<200.00	<200.00	<640.00					
03F306	(4)	03-Mar-94	A42	IKS 015	44113	<200.00	5600.00	<200.00	<100.00		<60.00	<380.00	1200.00	<200.00	<160.00	<100.00	<260.00	<140.00	<200.00	<200.00	<640.00					
03F306		07-Sep-94	A44	IVR 014	NA	<100.00	4900.00	140.00	<50.00		<30.00	<190.00	820.00	<100.00	71.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
03F306		14-Mar-95	A46	IZQ 008	59420	<100.00	3400.00	130.00	<50.00		<30.00	<190.00	670.00	<100.00	57.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
03F306		11-Sep-95	A48	HWE 005	267619	<50.00	4300.00	110.00	<25.00		<15.00	<95.00	620.00	<50.00	63.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03F306		06-Jun-96	A51	AXNV 020	96U01742	1.09	3100.00	98.20	13.80			<1.01	370.00	<0.78	78.30	1.41	<0.99	1.02	<1.00	7.25	<7.40					
03F306		10-Sep-96	A52	AZAM 016	96U03825	2.68	3700.00	137.00	22.50			<1.01	400.00	<0.78	95.40	1.93	<0.99	<0.50	<1.00	7.08	<7.40					
03F307		03-Mar-94	A42	IKS 016	44113	<50.00	1600.00	<50.00	<25.00		<15.00	<95.00	210.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03F307		07-Sep-94	A44	IVS 004	NA	<20.00	1400.00	39.00	7.60		<6.00	<38.00	120.00	<20.00	42.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03F307		14-Mar-95	A46	IZQ 013	59420	<20.00	770.00	30.00	<10.00		<6.00	<38.00	93.00	<20.00	30.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03F307		11-Sep-95	A48	HWD 006	267619	1.19	840.00	23.10	4.43		<8.82	<1.90	65.00	<1.00	26.70	0.78	<1.30	<0.72	<1.00	<1.00	<3.20					
03F307		06-Jun-96	A51	AXPR 015	96U01725	<0.75	670.00	20.20	8.13			<1.01	41.90	<0.78	26.20	<1.10	<0.99	<0.50	<1.00	1.21	<7.40					
03F307		10-Sep-96	A52	AZAN 005	96U03825	<0.75	640.00	24.40	8.33			<1.01	40.10	<0.78	28.40	<1.10	<0.99	<0.50	<1.00	1.28	<7.40					
03F308		03-Mar-94	A42	IKS 017	44113	<1.00	5.41	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03F308		07-Sep-94	A44	IVS 006	NA	<1.00	5.21	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.95	<1.30	<0.72	<1.00	<1.00	<3.20					
03F308		14-Mar-95	A46	IZQ 015	59420	<1.00	3.18	<1.00	<0.50		<0.30	<1.90	0.59	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03F308		11-Sep-95	A48	HWC 016	267619	<1.00	3.56	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03F308		06-Jun-96	A51	AXPR 016	96U01725	<0.75	3.04	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03F308		10-Sep-96	A52	AZAN 008	96U03825	<0.75	2.93	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03F312		03-Mar-94	A42	IKU 004	44113	<1.00	16.10	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03F312		07-Sep-94	A44	ZVQ 011	NA	<1.00	13.60	<1.00	0.36		<0.30	<1.90	<1.00	<1.00	0.59	0.86	<1.30	<0.72	<1.00	<1.00	<3.20					
03F312		14-Mar-95	A46	IZQ 004	59420	<1.00	8.20	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03F312		11-Sep-95	A48	HWD 004	267619	<1.00	9.46	<1.00	<0.50		<8.82	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03F312		06-Jun-96	A51	AXNV 014	96U01742	<0.75	4.05	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03F312	(4)	06-Jun-96	A51	AXNV 015	96U01742	<0.75	3.96	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03F312		10-Sep-96	A52	AZAN 006	96U03825	<0.75	7.47	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L001		07-Mar-94	A42	ZKW 004	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L001		07-Sep-94	A44	ZVQ 006	NA	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.65	<1.30	<0.72	<1.00	<1.00	<3.20					
03L001		15-Mar-95	A46	IZT 004	NC	<1.00	0.46	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L001		13-Sep-95	A48	HWF 009	269743	<1.00	0.54	<1.00	<0.50		<0.30	<1.90	0.63	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L001		06-Jun-96	A51	AXNU 019	96U01742	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L001		11-Sep-96	A52	AZDH 010	96U03913	<0.75	2.37	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L002		04-Mar-94	A42	IKV 009	44113	<10.00	200.00	<10.00	<5.00		<3.00	<19.00	11.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03L002		16-Mar-95	A46	IZT 019	NC	<10.00	250.00	9.30	<5.00		<3.00	<19.00	42.00	<10.00	6.70	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03L002		13-Jun-96	A51	AXPW 009	96U01824	<0.75	104.00	3.35	1.46			<1.01	11.50	<0.78	2.81	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
03L005		17-Mar-94	F42	IUO 004	NT-2	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.25	<1.30	<0.72	<1.00	<1.00	<3.20					
03L005		24-Mar-95	F46	DSC 007	5121-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L005		24-Jun-96	A51	AXUU 010	96U02093	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L007		14-Mar-94	F42	IUH 011	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.93	<1.30	<0.72	<1.00	<1.00	<3.20					
03L007		21-Jun-96	A51	AXRK 015	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L017		03-Mar-94	A42	IKU 014	44113	<1.00	9.18	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L017		13-Mar-95	A46	IZQ 021	59420	<1.00	1.53	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L017		05-Jun-96	A51	AXNT 013	96U01742	<0.75	0.76	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L018		03-Mar-94	A42	IKR 011	44113	<1.00	16.40	<1.00	<0.50		<0.30	<1.90	4.36	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L018		21-Mar-95	A46	IZV 015	NC	<1.00	1.33	<1.00	<0.50		<0.30	<1.90	0.96	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L018		10-Jun-96	A51	AXNW 012	NC	<0.75	R 2.97	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L020		05-Jun-96	A51	AXNT 006	96U01742	<0.75	210.00	<1.70	9.83			<1.01	9.81	<0.78	35.50	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L021		02-Mar-94	A42	IKT 012	NC	<2.00	77.00	<2.00	2.10		<0.60	<3.80	3.50	<2.00	4.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
03L021	(4)	02-Mar-94	A42	IKT 013	NC	<2.00	79.00	<2.00	2.00		<0.60	<3.80	3.70	<2.00	4.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
03L021		14-Mar-95	A46	IZQ 022	59420	<1.00	34.00	1.09	0.85		<0.30	<1.90	1.05	<1.00	2.53	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L021		06-Jun-96	A51	AXNV 006	96U01742	<0.75	17.60	<1.70	<0.76			<1.01	<0.76	<0.78	1.22	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L077		08-Mar-94	A42	IKZ 011	46809	<50.00	1200.00	<50.00	<25.00		<15.00	<95.00	180.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03L077		15-Mar-95	A46	IZS 004	NC	0.76	970.00	25.30	5.53		0.22	<1.90	160.00	10.50	8.45	1.02	<1.30	0.42	<1.00	<1.00	<3.20					
03L077		12-Jun-96	A51	AXPV 017	NC	<0.75	360.00	4.60	1.97			<1.01	41.60	<0.78	3.45	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L078		08-Mar-94	A42	IKY 010	46809	<1.00	0.71	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L078		16-Mar-95	A46	IZT 016	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L078	(4)	16-Mar-95	A46	IZT 015	NC	<1.00	0.32	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L078		12-Jun-96	A51	AXPV 007	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L079		09-Mar-94	A42	IUB 010	NC	<1.00	1.11	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L079		16-Mar-95	A46	IZT 021	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L079		12-Jun-96	A51	AXPV 009	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L080		07-Mar-94	A42	IKX 012	NC (5)	<1.00	1.23	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L080		13-Mar-95	A46	IZO 010	59420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L080		05-Jun-96	A51	AXNT 017	96U01742	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L081		16-Mar-94	F42	IUN 007	54690	<1.00	0.94	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.30	<1.30	<0.72	<1.00	<1.00	<3.20					
03L081		22-Mar-95	F46	DSA 010	5107-01 (5)	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L081		24-Jun-96	A51	AXUU 015	96U02093	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L084		08-Mar-94	A42	IKZ 009	46809	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L084	(4)	08-Mar-94	A42	IKZ 010	46809	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L084		15-Mar-95	A46	IZS 022	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L084		11-Jun-96	A51	AXPU 014	NC	<0.75	0.68	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L091		15-Mar-94	F42	IUN 004	53384 (5)	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	(6) 0.53	<1.30	<0.72	<1.00	<1.00	<3.20					
03L091	(4)	15-Mar-94	F42	IUM 014	53384	<1.00	0.36	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	(6) 0.35	<1.30	<0.72	<1.00	<1.00	<3.20					
03L091		28-Mar-95	F46	DSF 008	5137-01	<2.41	8.20	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L091		26-Jun-96	A51	AXUW 019	96U02167	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L113		15-Mar-94	F42	IUM 007	53384	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L113		22-Mar-95	F46	DSA 008	5107-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L113		24-Jun-96	A51	AXUU 019	96U02093	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L138		16-Mar-94	F42	IUM 016	54690	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L138	(4)	16-Mar-94	F42	IUN 014	54690	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.38	<1.30	<0.72	<1.00	<1.00	<3.20					
03L138		22-Mar-95	F46	DSA 009	5107-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L138		26-Jun-96	A51	AXUW 018	96U02167	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L673		04-Mar-94	A42	IKV 007	44113	<100.00	3300.00	<100.00	59.00		<30.00	<190.00	<100.00	<100.00	<78.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
03L673		06-Jun-94	A43	IVD 007	126780	<25.00	2000.00	<25.00	46.00		<7.50	<48.00	<25.00	<25.00	<20.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03L673	(4)	06-Jun-94	A43	IVD 008	126780	<25.00	2000.00	<25.00	49.00		<7.50	<48.00	<25.00	<25.00	<20.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03L673		14-Sep-94	A44	IVV 013	218146	<50.00	1600.00	27.00	<25.00		<15.00	<95.00	<50.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
03L673		08-Dec-94	A45	IZF 010	288420	<20.00	1400.00	<20.00	28.00		<6.00	<38.00	<20.00	<20.00	<16.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03L673		15-Mar-95	A46	IZS 016	NC	<25.00	910.00	<25.00	30.00		<7.50	<48.00	<25.00	<25.00	<20.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03L673		12-Jun-96	A51	AXPU 018	NC	<0.75	650.00	2.30	31.60			<1.01	1.14	<0.78	2.31	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L802		03-Mar-94	A42	IKR 004	44113	<1.00	29.90	<1.00	0.58		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L802		09-Sep-94	A44	ZVT 007	211540	<1.00	28.90	<1.00	0.50		<0.30	<1.90	0.58	<1.00	<0.78	0.35	<1.30	<0.72	<1.00	<1.00	<3.20					
03L802		14-Mar-95	A46	IZR 006	59420	<1.00	17.80	<1.00	<0.50		<0.30	<1.90	0.65	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L802		12-Sep-95	A48	HWE 008	NC	<1.00	17.30	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L802		05-Jun-96	A51	AXNU 009	96U01742	<0.75	17.80	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L802		10-Sep-96	A52	AZAN 015	96U03825	<0.75	(6) 10.60	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L802	(4)	10-Sep-96	A52	AZAN 016	96U03825	<0.75	(6) 13.80	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L806		02-Mar-94	A42	IKQ 009	NC	<1.00	230.00	11.80	3.07		<0.30	<1.90	50.10	3.20	12.80	1.09	<1.30	<0.72	<1.00	<1.00	<3.20					
03L806		09-Sep-94	A44	ZVT 005	211540	<5.00	120.00	10.00	3.90		<1.50	<9.50	26.00	2.60	15.00	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03L806		13-Mar-95	A46	IZO 019	59420	<5.00	80.00	7.00	2.10		<1.50	<9.50	35.00	<5.00	9.00	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03L806		12-Sep-95	A48	HWF 005	NC	<2.00	120.00	15.00	3.00		<0.60	<3.80	51.00	5.40	20.00	0.57	<2.60	<1.40	<2.00	<2.00	<6.40					
03L806		06-Jun-96	A51	AXNU 013	96U01742	<0.75	142.00	40.20	18.30			<1.01	30.20	<0.78	67.60	2.41	<0.99	<0.50	<1.00	<1.00	<7.40					
03L806		10-Sep-96	A52	AZAN 012	96U03825	<0.75	260.00	68.30	12.00			<1.01	155.00	<0.78	51.10	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L809		03-Mar-94	A42	IKR 008	44113	<10.00	280.00	19.00	<5.00		<3.00	<19.00	93.00	<10.00	17.00	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03L809		17-Mar-94	F42	IUO 008	NC	<5.00	180.00	12.00	4.10			<9.50	38.00	6.70	10.00	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03L809		13-Mar-95	A46	IZP 004	59420	<2.00	110.00	5.20	1.90		<0.60	<3.80	17.00	3.90	3.40	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
03L809		28-Mar-95	F46	DSF 006	5137-01	<2.41	69.00	5.09		1.14	<1.06	<4.10	10.90	2.47	3.30	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L809		19-Jun-96	A51	AXQY 007	96U01884	<0.75	R 81.50	3.52	1.54			<1.01	21.30	7.16	3.45	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L811		18-Mar-94	F42	IUO 011	57070	<1.00	1.13	1.43	0.68			<1.90	0.79	<1.00	7.47	0.66	<1.30	<0.72	<1.00	<1.00	<3.20					
03L811		23-Mar-95	F46	DSB 010	5115-01	<2.41	<1.04	1.46		<0.89	<1.06	<4.10	<1.16	<1.52	8.16	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L811		19-Jun-96	A51	AXQY 006	96U01884	<0.75	R <0.56	<1.70	<0.76			<1.01	<0.76	<0.78	5.47	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L822		18-Mar-94	F42	IUP 008	57070	<1.00	0.51	29.60	4.38			<1.90	52.70	<1.00	27.70	2.09	<1.30	1.05	<1.00	<1.00	<3.20					
03L822		15-Mar-95	F46	DRT 006	5054-01	<2.41	<1.04	40.30		4.00	<1.06	<4.10	21.50	<1.52	31.10	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L822		18-Jun-96	A51	AXQX 013	96U01884	<0.75	124.00	52.70	10.20			<1.01	71.00	<0.78	35.70	2.73	<0.99	<0.50	<1.00	2.03	<7.40					
03L832		10-Jun-94	A43	ZVI 008	126780	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L832		13-Sep-94	A44	IVV 009	215473	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L832		07-Dec-94	A45	ZZD 020	288420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L832		10-Mar-95	A46	IZN 005	NC	2.09	0.46	<1.00	<0.50		<0.30	<1.90	0.62	1.70	<0.78	0.49	<1.30	<0.72	<1.00	<1.00	<3.20					
03L832		03-Jun-96	A51	AXNJ 013	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L833		04-Mar-94	A42	IKT 020	44113	<5.00	170.00	<5.00	<2.50		<1.50	<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03L833		08-Sep-94	A44	IVS 013	NA	<1.00	35.70	<1.00	<0.50		<0.30	<1.90	0.80	<1.00	0.62	0.29	<1.30	<0.72	<1.00	<1.00	<3.20					
03L833		17-Mar-95	A46	IZV 005	63649	<1.00	62.00	<1.00	<0.50		<0.30	<1.90	0.92	<1.00	0.51	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L833		12-Sep-95	A48	HWE 009	NC	<2.00	69.00	<2.00	<1.00		<0.60	<3.80	1.50	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
03L833	(4)	12-Sep-95	A48	HWE 010	NC	<2.00	73.00	<2.00	<1.00		<0.60	<3.80	1.30	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
03L833		11-Jun-96	A51	AXPU 005	NC	<0.75	48.40	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L833		11-Sep-96	A52	AZDH 005	96U03913	<0.75	46.00	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L841		17-Mar-94	F42	IUO 007	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L841		23-Mar-95	F46	DSB 005	5115-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L841		21-Jun-96	A51	AXUT 013	96U01981	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L846		21-Mar-94	F42	IUU 005	59021 (5)	<1.00	0.37	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L846		20-Mar-95	F46	DRW 009	5087-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L846		20-Jun-96	A51	AXRK 005	96U01981	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L848		06-Jun-94	A43	IVD 011	126780	<1.00	27.00	<1.00	1.57		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L848		15-Sep-94	A44	IVX 007	218146	<1.00	27.10	<1.00	1.29		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L848		08-Dec-94	A45	IZF 006	288420	<1.00	22.00	<1.00	1.02		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L848		10-Mar-95	A46	IZN 012	NC	<1.00	16.60	<1.00	1.14		<0.30	<1.90	0.54	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L848		03-Jun-96	A51	AXNJ 017	NC	<0.75	11.30	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L853		18-Mar-94	F42	IUO 015	57070	<10.00	240.00	10.00	<5.00			<19.00	35.00	<10.00	7.50	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03L853		16-Mar-95	F46	DRU 009	5072-01	<2.41	35.70	7.34		1.17	<1.06	<4.10	1.89	<1.52	8.20	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L853		18-Jun-96	A51	AXQX 008	96U01884	0.83	174.00	6.19	1.43			<1.01	31.60	<0.78	3.89	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L853	(4)	18-Jun-96	A51	AXQX 009	96U01884	0.82	175.00	6.27	1.41			<1.01	31.70	<0.78	3.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L854		21-Mar-94	F42	IUU 012	59021	<1.00	4.88	<1.00	<0.50			<1.90	0.98	<1.00	0.73	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
03L854		16-Mar-95	F46	DRU 007	5072-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L854		20-Jun-96	A51	AXRK 008	96U01981	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L856		21-Mar-94	F42	IUS 009	59021	<1.00	0.61	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L856		23-Mar-95	F46	DSB 007	5115-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03L856		19-Jun-96	A51	AXQX 020	96U01884	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L858		22-Mar-94	F42	IUW 004	62588	<1.00	8.58	<1.00	3.43			<1.90	<1.00	<1.00	<0.78	0.59	30.40	10.60	1.92	<1.00	<3.20					
03L858	(4)	22-Mar-94	F42	IUW 016	62588	<1.00	8.67	<1.00	3.47			<1.90	<1.00	<1.00	<0.78	0.68	29.60	10.60	<1.00	<1.00	<3.20					
03L858		16-Mar-95	F46	DRU 011	5072-01 (5)	<2.41	41.20	<1.01		2.00	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	6.55	8.95	<3.94	<4.47	<1.41					
03L858	(4)	16-Mar-95	F46	DRU 012	5072-01 (5)	<2.41	39.20	<1.01		1.85	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	6.79	9.02	<3.94	<4.47	<1.41					
03L859		18-Mar-94	F42	IUO 012	57070	<1.00	2.98	<1.00	0.53			<1.90	<1.00	<1.00	0.50	0.28	<1.30	<0.72	<1.00	<1.00	<3.20					
03L859		09-Jun-94	A43	ZVH 006	126780	<1.00	6.27	<1.00	0.95		<0.30	<1.90	0.54	<1.00	0.50	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L859		14-Sep-94	A44	IVV 020	218146	<1.00	5.67	<1.00	0.54		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L859	(4)	14-Sep-94	A44	IVV 021	218146	<1.00	5.67	<1.00	0.54		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L859		07-Dec-94	A45	IZE 010	288420	<1.00	4.75	<1.00	0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L859		10-Mar-95	A46	IZN 010	NC	<1.00	4.55	<1.00	0.58		<0.30	<1.90	1.06	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L859		03-Jun-96	A51	AXNJ 015	NC	<0.75	5.96	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L860		07-Jun-94	A43	ZVF 005	126780	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L860		15-Sep-94	A44	IVX 008	218146	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L860		08-Dec-94	A45	IZF 004	288420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L860		10-Mar-95	A46	IZM 009	56391	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L860	(4)	10-Mar-95	A46	IZM 010	56391	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L860		04-Jun-96	A51	AXNJ 019	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03L861		08-Jun-94	A43	ZVG 004	126780	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L861		14-Sep-94	A44	IVV 014	215473	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L861		06-Dec-94	A45	ZZD 015	288420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L861		09-Mar-95	A46	IZL 018	56391	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	0.84	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03L861		04-Jun-96	A51	AXNK 007	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03M005		17-Mar-94	F42	IUN 018	NC	<1.00	0.29	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03M005		14-Mar-95	F46	DRQ 005		<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03M005		24-Jun-96	A51	AXUT 019	96U02093 (5)	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03M017		03-Mar-94	A42	IKS 009	44113	<5.00	130.00	<5.00	<2.50		<1.50	<9.50	45.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03M017		13-Mar-95	A46	IZO 006	59420	<2.00	49.00	1.60	<1.00		<0.60	<3.80	15.00	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
03M017		05-Jun-96	A51	AXNT 011	96U01742	<0.75	40.00	<1.70	<0.76			<1.01	5.23	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03M020		04-Mar-94	A42	IKY 004	44113	<50.00	1100.00	<50.00	<25.00		<15.00	<95.00	130.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03M020		13-Mar-95	A46	IZO 013	59420 (5)	<10.00	330.00	<10.00	4.00		<3.00	<19.00	31.00	<10.00	9.70	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03M020		05-Jun-96	A51	AXNT 009	96U01742	<0.75	159.00	<1.70	2.88			<1.01	3.90	<0.78	3.39	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03M020	(4)	05-Jun-96	A51	AXNT 010	96U01742	<0.75	146.00	<1.70	2.57			<1.01	3.75	<0.78	3.16	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03M713		07-Mar-94	A42	IKX 005	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03M713		14-Mar-95	A46	IZR 014	59420	<1.00	0.37	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03M713		05-Jun-96	A51	AXNU 005	96U01742	<0.75	1.06	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03M802		03-Mar-94	A42	IKS 004	44113	<10.00	260.00	<10.00	<5.00		<3.00	<19.00	<10.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03M802		14-Mar-95	A46	IZR 010	59420	<1.00	46.10	<1.00	0.78		<0.30	<1.90	0.86	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03M802		05-Jun-96	A51	AXNU 008	96U01742	<0.75	44.10	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03M806		02-Mar-94	A42	IKQ 007	NC	<1.00	62.00	1.35	0.87		<0.30	<1.90	5.27	<1.00	3.85	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03M806		13-Mar-95	A46	IZP 008	59420	<1.00	39.70	13.80	1.18		<0.30	<1.90	64.70	1.77	23.10	0.28	<1.30	0.38	<1.00	<1.00	<3.20					
03M806		11-Jun-96	A51	AXPU 012	NC	<0.75	55.50	16.60	5.19			<1.01	27.50	<0.78	24.80	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03M843		18-Mar-94	F42	IUO 013	57070	<1.00	0.81	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.31	<1.30	<0.72	<1.00	<1.00	<3.20					
03M843		15-Mar-95	F46	DRT 009	5054-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03M848		17-Mar-94	F42	IUP 004	NC	<25.00	910.00	<25.00	98.00			<48.00	<25.00	<25.00	17.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03M848		16-Mar-95	F46	DRU 010	5072-01	<2.41	59.00	9.34		6.49	<1.06	<4.10	<1.16	<1.52	11.80	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03M848		21-Jun-96	A51	AXUT 014	96U01981	<0.75	1400.00	8.62	76.80			<1.01	5.62	1.26	9.53	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U003		02-Mar-94	A42	IKT 008	NC	<5.00	220.00	<5.00	<2.50		<1.50	<9.50	11.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03U003		07-Jun-94	A43	IVD 015	122254	<10.00	250.00	<10.00	5.80		<3.00	<19.00	26.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
03U0003		09-Sep-94	A44	ZVT 009	211540	<10.00	200.00	<10.00	<5.00		<3.00	<19.00	9.30	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U0003		14-Mar-95	A46	IZP 015	59420	<5.00	110.00	<5.00	2.30		<1.50	<9.50	15.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03U0003		06-Jun-95	A47	IZY 005	NC	<10.00	190.00	9.20	9.60		<3.00	<19.00	59.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U0003		14-Sep-95	A48	HWF 013	NC	<2.00	130.00	3.20	3.70		<0.60	<3.80	17.00	<2.00	2.30	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
03U0003		07-Mar-96	A50	HWP 010	37869	<1.00	31.00	0.86	1.60		<0.30	<1.90	7.80	<1.00	0.68	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0003		06-Jun-96	A51	AXNV 011	96U01742	<0.75	260.00	5.30	9.68			<1.01	52.50	<0.78	4.10	<1.10	<0.99	1.28	<1.00	<1.00	<7.40					
03U0003		12-Sep-96	A52	AZDH 022	96U03913 (5)	<0.75	157.00	5.99	10.80			<1.01	17.70	<0.78	4.26	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0004		07-Mar-94	A42	IKX 010	NC	<1.00	1.20	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0004		13-Mar-95	A46	IZO 008	59420	<1.00	0.86	<1.00	0.47		<0.30	<1.90	1.07	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0004		06-Jun-96	A51	AXNV 007	96U01742	<0.75	<0.56	<1.70	<0.76			3.91	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0005		17-Mar-94	F42	IUN 017	NC	<1.00	<0.50	<1.00	2.76			<1.90	<1.00	<1.00	<0.78	0.27	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0005		13-Mar-95	F46	DRP 011	5036-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U0005		24-Jun-96	A51	AXUU 005	96U02093	<0.75	<0.56	<1.70	3.46			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0007		14-Mar-94	F42	IUH 005	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0007		21-Jun-96	A51	AXRK 012	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0009		11-Mar-94	F42	IUG 004	NC	<1.00	<0.50	<1.00	<0.50			<1.90	1.45	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0009		08-Sep-95	F48	EWD 007	6484-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
03U0009		21-Jun-96	A51	AXRK 019	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0014		07-Mar-94	A42	IKX 011	NC	<25.00	480.00	<25.00	<13.00		<7.50	<48.00	130.00	<25.00	<20.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03U0014		21-Mar-95	A46	IZV 009	NC	<10.00	380.00	24.00	4.60		<3.00	<19.00	210.00	<10.00	4.40	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U0014		11-Jun-96	A51	AXPR 008	NC	<0.75	3.88	<1.70	<0.76			<1.01	1.75	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0015		14-Mar-94	F42	IUL 017	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.35	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0015		09-Mar-95	F46	DRO 011	5015-01 (5)	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U0015	(4)	09-Mar-95	F46	DRO 012	5015-01 (5)	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U0015		24-Jun-96	A51	AXUU 006	96U02093	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0015	(4)	24-Jun-96	A51	AXUU 007	96U02093	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0016		14-Mar-94	F42	IUL 014	NC	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.40	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0016		09-Mar-95	F46	DRO 010	5015-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U0016		14-Jun-96	A51	AXQX 006	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0017		03-Mar-94	A42	IKS 005	44113 (5)	<1.00	26.20	<1.00	<0.50		<0.30	<1.90	5.31	<1.00	<0.78	0.54	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0017		13-Mar-95	A46	IZO 004	59420	<1.00	10.20	<1.00	<0.50		<0.30	<1.90	2.43	<1.00	<0.78	(6) 0.45	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0017	(4)	13-Mar-95	A46	IZO 005	59420	<1.00	11.40	<1.00	<0.50		<0.30	<1.90	2.53	<1.00	<0.78	(6) 0.65	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0017		05-Jun-96	A51	AXNT 012	96U01742	<0.75	9.42	<1.70	<0.76			<1.01	1.28	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0018		03-Mar-94	A42	IKR 010	44113	<50.00	910.00	<50.00	<25.00		<15.00	<95.00	280.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U0018		21-Mar-95	A46	IZV 016	NC	<100.00	3800.00	72.00	<50.00		<30.00	<190.00	780.00	<100.00	46.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
03U0018		10-Jun-96	A51	AXNW 011	NC	<0.75	R 480.00	8.61	33.40			<1.01	85.70	<0.78	1.62	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0019		16-Mar-94	F42	IUN 005	54690	<1.00	0.51	<1.00	<0.50			<1.90	0.80	<1.00	<0.78	0.49	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0019	(4)	16-Mar-94	F42	IUN 015	54690	<1.00	<0.50	<1.00	<0.50			<1.90	0.69	<1.00	<0.78	0.43	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0019		13-Mar-95	F46	DRP 005	5036-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U0019		24-Jun-96	A51	AXUU 011	96U02093	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0020		04-Mar-94	A42	IKV 012	44113	<100.00	3600.00	<100.00	120.00		<30.00	<190.00	1300.00	<100.00	93.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
03U0020		13-Mar-95	A46	IZO 012	59420	<50.00	1300.00	81.00	71.00		<15.00	<95.00	570.00	<50.00	58.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U0020		05-Jun-96	A51	AXNT 008	96U01742	<0.75	8800.00	90.00	33.40			<1.01	540.00	<0.78	42.00	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0021		02-Mar-94	A42	IKT 011	NC	<20.00	600.00	26.00	26.00		<6.00	<38.00	190.00	<20.00	27.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U0021		14-Mar-95	A46	IZR 007	59420	<20.00	910.00	65.00	74.00		<6.00	<38.00	350.00	<20.00	74.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U0021		06-Jun-96	A51	AXNT 018	96U01742	<0.75	2700.00	106.00	140.00			<1.01	482.00	<0.78	109.00	4.05	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0023		07-Mar-94	F42	IKW 005	NC (5)	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U0023		06-Mar-95	F46	DRK 005	4986-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U0023		18-Jun-96	A51	AXRI 014	96U01906 (5)	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U0026		16-Mar-94	F42	IUL 019	54690	<1.00	30.70	<1.00	1.32			<1.90	(6) 23.40	<1.00	<0.78	0.56	<1.30	24.90	<1.00	<1.00	<3.20					
03U0026	(4)	16-Mar-94	F42	IUN 012	54690	<1.00	31.30	<1.00	1.38			<1.90	(6) 2.25	<1.00	<0.78	0.60	<1.30	25.70	<1.00	<1.00	<3.20					
03U0026		13-Mar-95	F46	DRP 007	5036-01	<2.41	45.10	<1.01		1.04	<1.06	<4.10	7.67	<1.52	<0.97	<4.63	<1.20	37.80	<3.94	<4.47	<1.41					
03U0026	(4)	13-Mar-95	F46	DRP 009	5036-01	<2.41	42.70	<1.01		1.09	<1.06	<4.10	7.40	<1.52	<0.97	<4.63	<1.20	36.90	<3.94	<4.47	<1.41					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
03U026		25-Jun-96	A51	AXUV 015	96U02119	<0.75	(6) 42.00	<1.70	(6) 1.46			<1.01	(6) 3.48	<0.78	<0.73	<1.10	<0.99	(6) 33.00	<1.00	<1.00	<7.40					
03U026	(4)	25-Jun-96	A51	AXUV 016	96U02119	<0.75	(6) <0.56	<1.70	(6) <0.76			<1.01	(6) <0.76	<0.78	<0.73	<1.10	<0.99	(6) <0.50	<1.00	<1.00	<7.40					
03U027		07-Mar-94	A42	IKX 008	NC	<2.00	69.00	3.00	3.50		<0.60	<3.80	13.00	7.20	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
03U027		15-Mar-95	A46	IZS 008	NC	<1.00	27.00	1.73	2.16		<0.30	<1.90	5.91	3.33	<0.78	<0.50	<1.30	0.68	<1.00	<1.00	<3.20					
03U027		10-Jun-96	A51	AXNW 017	NC	<0.75	R 21.10	<1.70	1.51			<1.01	3.51	3.65	<0.73	<1.10	<0.99	0.65	<1.00	<1.00	<7.40					
03U028		10-Mar-94	A42	IUC 005	NC	<20.00	490.00	<20.00	52.00		<6.00	<38.00	29.00	<20.00	<16.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U028		20-Mar-95	A46	IZV 013	NC	<1.00	64.00	0.88	9.88		<0.30	<1.90	4.13	0.66	0.43	<0.50	<1.30	0.90	<1.00	<1.00	<3.20					
03U028		10-Jun-96	A51	AXNW 018	NC	<0.75	R 175.00	3.12	32.30			<1.01	15.40	<0.78	1.21	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U029		10-Mar-94	A42	IUC 006	NC	<10.00	360.00	<10.00	28.00		<3.00	<19.00	20.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U029		21-Mar-95	A46	IZV 006	NC	<10.00	430.00	<10.00	66.00		<3.00	<19.00	43.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U029		10-Jun-96	A51	AXNW 019	NC	<0.75	R 396.00	4.30	67.00			<1.01	41.10	<0.78	0.93	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U030		10-Mar-94	A42	IUC 004	NC	<1.00	7.05	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U030		20-Mar-95	A46	IZU 019	NC	<1.00	15.30	<1.00	0.41		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U030		10-Jun-96	A51	AXNW 020	NC	<0.75	R 5.85	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U031		07-Mar-94	A42	IKZ 005	NC	<1.00	1.79	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U031		13-Mar-95	A46	IZO 011	59420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U031		11-Jun-96	A51	AXPR 014	NC	<0.75	0.70	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U031		16-Sep-96	A52	AZET 017	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U032		15-Mar-94	F42	IUM 010	53384	<1.00	1.88	<1.00	<0.50			<1.90	1.18	<1.00	0.62	0.44	<1.30	<0.72	<1.00	<1.00	<3.20					
03U032		17-Mar-95	F46	DRV 007		<2.41	3.86	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U032		26-Jun-96	A51	AXUV 005	96U02167	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U075		03-Mar-94	A42	IKR 012	44113	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U075	(4)	03-Mar-94	A42	IKR 013	44113	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U075		15-Mar-95	A46	IZS 015	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U075		12-Jun-96	A51	AXPW 005	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U077		08-Mar-94	A42	IKZ 012	46809	<50.00	700.00	<50.00	<25.00		<15.00	<95.00	260.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U077		15-Mar-95	A46	IZS 009	NC	<50.00	640.00	54.00	<25.00		<15.00	<95.00	290.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	100.00					
03U077		12-Jun-96	A51	AXPV 014	NC	3.34	197.00	8.90	<0.76			<1.01	60.00	1.00	1.29	<1.10	<0.99	<0.50	<1.00	1.21	<7.40					
03U078		08-Mar-94	A42	IKY 009	46809	12.90	84.00	9.52	1.79		<0.30	<1.90	69.50	<1.00	5.08	1.16	<1.30	1.75	<1.00	<1.00	<3.20					
03U078		16-Mar-95	A46	IZT 013	NC	13.00	190.00	25.00	3.00		<3.00	<19.00	79.00	<10.00	18.00	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U078		12-Jun-96	A51	AXPV 005	NC	7.88	(6) 59.60	(6) 5.47	1.11			<1.01	(6) 21.60	<0.78	(6) 3.84	<1.10	<0.99	(6) 1.30	<1.00	<1.00	<7.40					
03U078	(4)	12-Jun-96	A51	AXPV 006	NC	9.47	(6) 120.00	(6) 10.30	1.10			<1.01	(6) 32.50	<0.78	(6) 7.17	<1.10	<0.99	(6) 0.87	<1.00	<1.00	<7.40					
03U079		09-Mar-94	A42	IUB 009	NC	<20.00	710.00	<20.00	22.00		<6.00	<38.00	91.00	<20.00	<16.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U079		16-Mar-95	A46	IZT 020	NC	<50.00	860.00	<50.00	29.00		<15.00	<95.00	77.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U079		12-Jun-96	A51	AXPV 008	NC	<0.75	300.00	4.66	10.30			<1.01	51.00	<0.78	2.99	<1.10	<0.99	1.47	<1.00	<1.00	<7.40					
03U082		09-Mar-94	F42	IUI 004	48275	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U083		16-Mar-94	F42	IUN 009	54690 (5)	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U083		10-Mar-95	F46	DRO 014	5027-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U083		10-Mar-95	F46	DRN 015	5027-01																	<0.25	<0.25	<0.25		
03U083		20-Jun-96	A51	AXRG 020	NC																	<1.05	<1.47	<1.36		
03U083		20-Jun-96	A51	AXRH 020	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U084		08-Mar-94	A42	IKZ 008	46809	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U084		15-Mar-95	A46	IZS 023	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U084		11-Jun-96	A51	AXPU 013	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U087		15-Mar-94	F42	IUM 005	53384	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.33	<1.30	<0.72	<1.00	<1.00	<3.20					
03U087		22-Mar-95	F46	DSA 007	5107-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U087		26-Jun-96	A51	AXUV 006	96U02119	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U089		14-Mar-94	F42	IUL 016	NC	1.06	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.55	<1.30	<0.72	<1.00	<1.00	<3.20					
03U089		10-Mar-95	F46	DRO 013	5027-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U089		20-Jun-96	A51	AXRJ 018	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U089	(4)	20-Jun-96	A51	AXRJ 019	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
03U090		16-Mar-94	F42	IUL 018	54690	<1.00	14.30	4.51	2.63			<1.90	38.10	<1.00	<0.78	(6) 0.56	<1.30	1.89	<1.00	<1.00	<3.20					
03U090	(4)	16-Mar-94	F42	IUN 011	54690	<1.00	13.40	4.17	2.59			<1.90	35.90	<1.00	<0.78	(6) 0.45	<1.30	1.84	<1.00	<1.00	<3.20					
03U090		13-Mar-95	F46	DRP 010	5036-01	<2.41	16.90	2.86		2.93	<1.06	<4.10	31.50	<1.52	<0.97	<4.63	<1.20	2.18	<3.94	<4.47	<1.41					
03U090		25-Jun-96	A51	AXUV 017	96U02119	<0.75	9.77	<1.70	1.11			<1.01	9.95	<0.78	<0.73	<1.10	<0.99	2.18	<1.00	<1.00	<7.40					
03U092		16-Mar-94	F42	IUN 006	54690	<2.00	58.00	1.40	3.90			<3.80	6.00	<2.00	<1.60	<1.00	<2.60	53.00	<2.00	<2.00	<6.40					
03U092		14-Mar-95	F46	DRQ 006		<2.41	59.00	<1.01		2.04	<1.06	<4.10	4.15	<1.52	<0.97	<4.63	<1.20	29.00	<3.94	<4.47	<1.41					
03U092		24-Jun-96	A51	AXUU 012	96U02093	<0.75	50.30	<1.70	1.65			<1.01	3.80	<0.78	<0.73	<1.10	<0.99	51.90	<1.00	<1.00	<7.40					
03U093		09-Mar-94	A42	IUB 008	NC	<1.00	430.00	12.20	2.67		<0.30	<1.90	140.00	<1.00	1.90	0.52	<1.30	<0.72	<1.00	<1.00	<3.20					
03U093		09-Sep-94	A44	ZVU 005	211540 (5)	<20.00	520.00	13.00	<10.00		<6.00	<38.00	140.00	<20.00	8.20	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U093		17-Mar-95	A46	IZU 010	63649	<20.00	280.00	<20.00	<10.00		<6.00	<38.00	89.00	<20.00	<16.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U093	(4)	17-Mar-95	A46	IZU 011	63649	<10.00	290.00	14.00	<5.00		<3.00	<19.00	92.00	<10.00	5.40	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U093		14-Sep-95	A48	HWF 015	NC	<10.00	380.00	16.00	<5.00		<3.00	<19.00	110.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U093		10-Jun-96	A51	AXNW 015	NC	<0.75	R 360.00	6.09	3.84			<1.01	44.00	<0.78	6.22	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U093		12-Sep-96	A52	AZDH 015	96U03913	<0.75	260.00	8.00	4.40			<1.01	36.90	<0.78	10.60	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U094		09-Mar-94	A42	IUB 011	NC	<10.00	1000.00	75.00	5.80		<3.00	<19.00	980.00	<10.00	17.00	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U094		21-Mar-95	A46	IZV 012	NC	<20.00	640.00	61.00	<10.00		<6.00	<38.00	470.00	<20.00	<16.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U094		11-Jun-96	A51	AXPR 007	NC	<0.75	1100.00	50.40	6.27			<1.01	750.00	<0.78	9.54	<1.10	<0.99	<0.50	2.86	<1.00	<7.40					
03U096		09-Mar-94	A42	IUB 007	NC	<50.00	750.00	65.00	<25.00		<15.00	<95.00	390.00	<50.00	46.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U096		17-Mar-95	A46	IZU 012	63649 (5)	<5.00	140.00	15.00	<2.50		<1.50	<9.50	93.00	<5.00	10.00	<2.50	<6.50	<3.60	<5.00	3.60	<16.00					
03U096		10-Jun-96	A51	AXNW 013	NC (5)	<0.75	R 66.30	4.55	<0.76			<1.01	28.40	<0.78	3.69	<1.10	<0.99	<0.50	<1.00	1.35	<7.40					
03U097		14-Mar-94	F42	IUH 009	NC	<1.00	0.39	<1.00	<0.50			<1.90	0.71	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U097		09-Mar-95	F46	DRO 008	5015-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U097		24-Jun-96	A51	AXUU 013	96U02093	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U099		14-Mar-94	F42	IUH 007	NC	<1.00	1.46	<1.00	<0.50			<1.90	1.99	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U099		25-Jun-96	A51	AXUV 018	96U02119	<0.75	12.60	<1.70	<0.76			<1.01	2.59	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U099	(4)	25-Jun-96	A51	AXUV 019	96U02119	<0.75	12.30	<1.70	<0.76			<1.01	2.56	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U112		12-Sep-94	F44	IVU 013	NC	<1.00	43.70	<1.00	0.82			<1.90	2.97	<1.00	<0.78	0.52	<1.30	32.80	<1.00	<1.00	<3.20					
03U112		14-Mar-95	F46	DRQ 008		<2.41	32.00	<1.01		<0.89	<1.06	<4.10	2.18	<1.52	<0.97	<4.63	<1.20	36.50	<3.94	<4.47	<1.41					
03U112		25-Jun-96	A51	AXUV 014	96U02119	<0.75	9.92	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	14.10	<1.00	<1.00	<7.40					
03U113		15-Mar-94	F42	IUM 004	53384	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U113		13-Mar-95	F46	DRP 012	5036-01 (5)	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U113		24-Jun-96	A51	AXUU 014	96U02093	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U114		16-Mar-94	F42	IUL 020	54690	<1.00	15.70	6.15	<0.50			<1.90	39.50	<1.00	<0.78	0.49	0.64	4.26	<1.00	<1.00	<3.20					
03U114	(4)	16-Mar-94	F42	IUN 013	54690	<1.00	14.80	5.99	<0.50			<1.90	36.60	<1.00	<0.78	0.47	0.61	4.16	<1.00	<1.00	<3.20					
03U114		13-Mar-95	F46	DRP 006	5036-01	<2.41	24.20	4.41		8.76	<1.06	<4.10	33.70	<1.52	<0.97	<4.63	1.93	<1.08	<3.94	<4.47	<1.41					
03U114		25-Jun-96	A51	AXUU 020	96U02093	<0.75	13.50	2.42	<0.76			<1.01	20.30	<0.78	<0.73	<1.10	<0.99	4.18	<1.00	<1.00	<7.40					
03U121		12-Sep-94	F44	IVU 014	NC	<2.00	160.00	5.00	1.20			<3.80	29.00	<2.00	7.00	0.51	<2.60	<1.40	<2.00	<2.00	<6.40					
03U121		22-Mar-95	F46	DSA 006	5107-01	<2.41	8.89	<1.01		<0.89	<1.06	<4.10	2.20	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U121		25-Jun-96	A51	AXUV 013	96U02119	<0.75	0.80	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U124		14-Mar-94	F42	IUL 015	NC	<1.00	10.40	1.79	<0.50			<1.90	17.70	<1.00	<0.78	0.45	<1.30	<0.72	<1.00	<1.00	<3.20					
03U124		17-Mar-95	F46	DRV 008		<2.41	2.66	<1.01		<0.89	<1.06	<4.10	4.37	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U124		26-Jun-96	A51	AXUV 007	96U02167 (5)	<0.75	2.64	<1.70	<0.76			<1.01	4.08	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U301		03-Mar-94	A42	IKU 008	44113	<50.00	1800.00	<50.00	60.00		<15.00	<95.00	<50.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U301	(4)	03-Mar-94	A42	IKU 009	44113	<50.00	1800.00	<50.00	49.00		<15.00	<95.00	<50.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U301		07-Sep-94	A44	IVR 004	NA	<50.00	1800.00	<50.00	100.00		<15.00	<95.00	51.00	<50.00	<39.00	<25.00	<65.00	24.00	<50.00	<50.00	<160.00					
03U301		14-Mar-95	A46	IZP 005	59420	<25.00	780.00	<25.00	65.00		<7.50	<48.00	26.00	<25.00	<20.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03U301		11-Sep-95	A48	HWD 015	267619	<50.00	1300.00	<50.00	71.00		<440.00	<95.00	<50.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U301		12-Jun-96	A51	AXPV 011	NC	<0.75	1200.00	4.36	108.00			<1.01	45.70	<0.78	1.35	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U314		03-Mar-94	A42	IKU 015	44113	<50.00	1300.00	<50.00	<25.00		<15.00	<95.00	570.00	<50.00	<39.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U314		07-Sep-94	A44	ZVQ 010	NA	<1.00	1100.00	70.00	13.90		<0.30	<1.90	450.00	<1.00	36.00	1.86	1.15	0.51	<1.00	<1.00	<3.20					
03U314		14-Mar-95	A46	IZQ 017	59420	<20.00	670.00	35.00	7.20		<6.00	<38.00	250.00	<20.00	27.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U314		11-Sep-95	A48	HWD 014	267619	<20.00	600.00	37.00	<10.00		<180.00	<38.00	270.00	<20.00	13.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U314		06-Jun-96	A51	AXNW 006	96U01742	<0.75	R 500.00	21.10	5.84			<1.01	131.00	<0.78	16.90	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U314		10-Sep-96	A52	AZAM 008	96U03825	<0.75	470.00	32.40	(6) 6.52			<1.01	199.00	<0.78	13.30	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
03U314	(4)	10-Sep-96	A52	AZAM 009	96U03825	<0.75	470.00	32.80	(6) 4.63			<1.01	203.00	<0.78	12.50	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U315		03-Mar-94	A42	IKU 010	44113	<5.00	110.00	<5.00	<2.50		<1.50	<9.50	45.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03U315		07-Sep-94	A44	ZVQ 009	NA	<1.00	69.00	3.20	<0.50		<0.30	<1.90	33.20	<1.00	1.61	0.78	<1.30	<0.72	<1.00	<1.00	<3.20					
03U315		14-Mar-95	A46	IZQ 018	59420	<1.00	41.60	2.52	<0.50		<0.30	<1.90	18.10	<1.00	1.12	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U315		11-Sep-95	A48	HWD 013	267619	<1.00	51.30	3.19	<0.50		<8.82	<1.90	21.20	<1.00	0.66	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U315		06-Jun-96	A51	AXNW 007	96U01742	<0.75	R 43.30	2.27	<0.76			<1.01	14.80	<0.78	<0.73	<1.10	<0.99	0.63	<1.00	<1.00	<7.40					
03U315		10-Sep-96	A52	AZAM 007	96U03825	<0.75	38.00	2.20	<0.76			<1.01	14.20	<0.78	<0.73	<1.10	<0.99	0.77	<1.00	<1.00	<7.40					
03U316		03-Mar-94	A42	IKU 011	44113	<1.00	23.20	1.26	<0.50		<0.30	<1.90	14.10	<1.00	1.29	<0.50	<1.30	3.02	<1.00	<1.00	<3.20					
03U316		07-Sep-94	A44	IVR 007	NA	<1.00	24.20	2.16	0.34		<0.30	<1.90	10.20	<1.00	2.00	(6) 0.99	<1.30	3.12	<1.00	<1.00	<3.20					
03U316	(4)	07-Sep-94	A44	IVR 008	NA	<1.00	23.00	2.05	0.34		<0.30	<1.90	9.61	<1.00	1.88	(6) 0.48	<1.30	2.88	<1.00	<1.00	<3.20					
03U316		14-Mar-95	A46	IZQ 019	59420	<1.00	14.40	1.57	<0.50		<0.30	<1.90	7.64	<1.00	1.46	<0.50	<1.30	1.51	<1.00	<1.00	<3.20					
03U316	(4)	14-Mar-95	A46	IZQ 020	59420	<1.00	12.40	1.26	<0.50		<0.30	<1.90	6.91	<1.00	1.25	<0.50	<1.30	1.30	<1.00	<1.00	<3.20					
03U316		11-Sep-95	A48	HWE 004	267619	<1.00	19.40	1.92	0.29		<0.30	<1.90	9.92	<1.00	1.38	<0.50	<1.30	1.39	<1.00	<1.00	<3.20					
03U316		06-Jun-96	A51	AXNW 008	96U01742	<0.75	R 19.70	<1.70	<0.76			<1.01	6.52	<0.78	1.19	<1.10	<0.99	1.39	<1.00	<1.00	<7.40					
03U316	(4)	06-Jun-96	A51	AXNW 009	96U01742	<0.75	R 23.00	<1.70	<0.76			<1.01	6.67	<0.78	1.16	<1.10	<0.99	1.47	<1.00	<1.00	<7.40					
03U316		10-Sep-96	A52	AZAM 006	96U03825	<0.75	24.40	<1.70	<0.76			<1.01	7.71	<0.78	1.27	<1.10	<0.99	1.53	<1.00	<1.00	<7.40					
03U317		03-Mar-94	A42	IKU 012	44115	<250.00	15000.00	<250.00	<130.00		<75.00	<480.00	4900.00	<250.00	<200.00	<130.00	<330.00	<180.00	<250.00	<250.00	<800.00					
03U317		07-Sep-94	A44	ZVQ 008	NA	<500.00	12000.00	<500.00	<250.00		<150.00	<950.00	3100.00	<500.00	<390.00	<250.00	<650.00	<360.00	<500.00	<500.00	<1600.00					
03U317		14-Mar-95	A46	IZQ 021	59420	<200.00	6700.00	120.00	<100.00		<60.00	<380.00	2300.00	<200.00	<160.00	<100.00	<260.00	<140.00	<200.00	<200.00	<640.00					
03U317		11-Sep-95	A48	HWF 004	267619	25.00	8400.00	33.00	6.00		<3.00	<19.00	2800.00	<10.00	40.00	8.60	<13.00	<7.20	<10.00	26.00	<32.00					
03U317		06-Jun-96	A51	AXNW 010	96U01742	16.30	R 7400.00	94.90	6.02			<1.01	1800.00	<0.78	35.70	3.07	<0.99	1.45	<1.00	30.70	<7.40					
03U317		10-Sep-96	A52	AZAM 005	96U03825	15.50	8000.00	145.00	6.62			<1.01	2200.00	<0.78	39.30	2.55	<0.99	1.34	<1.00	35.80	<7.40					
03U658		08-Mar-94	A42	ZUD 004	46809	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U658	(4)	08-Mar-94	A42	IKY 007	46809	<1.00	1.15	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U658		13-Mar-95	A46	IZO 009	59420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U658		10-Jun-96	A51	AXNW 016	NC	<0.75	R <0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U659		10-Mar-94	A42	IUC 007	NC (5)	<100.00	4400.00	<100.00	460.00		<30.00	<190.00	190.00	<100.00	<78.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
03U659		21-Mar-95	A46	IZV 007	NC	<10.00	340.00	<10.00	48.00		<3.00	<19.00	21.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U659	(4)	21-Mar-95	A46	IZV 008	NC	<10.00	340.00	<10.00	48.00		<3.00	<19.00	25.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U659		10-Jun-96	A51	AXPR 005	NC (5)	<0.75	143.00	<1.70	16.60			<1.01	7.72	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U671		02-Mar-94	A42	IKT 014	NC	<25.00	940.00	43.00	27.00		<7.50	<48.00	310.00	<25.00	34.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03U671		15-Mar-95	A46	IZS 014	NC	<25.00	560.00	51.00	9.30		<7.50	<48.00	210.00	<25.00	37.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03U671		06-Jun-96	A51	AXNV 008	96U01742	(6) 1.12	169.00	11.90	2.95			<1.01	61.90	<0.78	10.30	<1.10	<0.99	1.44	<1.00	<1.00	<7.40					
03U671	(4)	06-Jun-96	A51	AXNV 009	96U01742	(6) <0.75	186.00	12.60	3.25			<1.01	69.20	<0.78	11.20	<1.10	<0.99	1.19	<1.00	<1.00	<7.40					
03U672		04-Mar-94	A42	IKT 015	44113	<1.00	1.14	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U672		09-Sep-94	A44	ZVT 008	211540	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.60	<1.30	<0.72	<1.00	<1.00	<3.20					
03U672		17-Mar-95	A46	IZU 007	63649	<1.00	0.39	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U672		12-Sep-95	A48	HWE 007	NC	<1.00	0.69	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U672		13-Jun-96	A51	AXPX 014	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U672		10-Sep-96	A52	AZAN 014	96U03825	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U673		04-Mar-94	A42	IKV 006	44113 (5)	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U673		06-Jun-94	A43	IVD 009	126780	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U673		08-Sep-94	A44	IVS 011	NA	<1.00	0.37	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.73	<1.30	<0.72	<1.00	<1.00	<3.20					
03U673		08-Dec-94	A45	IZF 009	288420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U673		15-Mar-95	A46	IZS 020	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U673		12-Sep-95	A48	HWD 016	NC	<1.00	<0.50	<1.00	<0.50		<8.82	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U673		12-Jun-96	A51	AXPU 015	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U701		09-Mar-94	A42	IUB 012	NC (5)	<1.00	40.60	1.16	1.49		<0.30	<1.90	6.54	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U701		17-Mar-95	A46	IZU 005	63649	<1.00	32.00	0.72	0.89		<0.30	<1.90	4.19	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U701		13-Jun-96	A51	AXPX 006	NC	<0.75	16.30	<1.70	<0.76			<1.01	1.38	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U702		08-Mar-94	A42	IUA 007	46809	<1.00	9.71	<1.00	<0.50		<0.30	<1.90	1.22	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U702		13-Mar-95	A46	IZP 011	NC	<1.00	5.00	<1.00	<0.50		<0.30	<1.90	0.86	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U702		14-Jun-96	A51	AXPW 011	96U01824	<0.75	2.89	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U703		08-Mar-94	A42	IKY 008	46809	<1.00	140.00	1.12	3.19		<0.30	<1.90	3.44	<1.00	1.57	0.52	<1.30	<0.72	<1.00	<1.00	<3.20					
03U703		22-Mar-95	A46	IZV 011	NC	<5.00	200.00	4.40	6.00		<1.50	<9.50	25.00	<5.00	2.50	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03U703		11-Jun-96	A51	AXPR 011	NC	1.00	138.00	2.26	3.53			<1.01	14.70	4.22	1.45	<1.10	<0.99	0.69	<1.00	<1.00	<7.40					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
03U704		09-Mar-94	A42	IUB 005	NC (5)	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U704		16-Mar-95	A46	IZT 010	NC	<1.00	0.33	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U704		12-Jun-96	A51	AXPV 019	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U705		08-Mar-94	A42	IKY 011	46809	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U705		09-Sep-94	A44	ZVU 007	211540	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U705	(4)	09-Sep-94	A44	ZVU 008	211540	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U705		16-Mar-95	A46	IZT 011	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U705		14-Sep-95	A48	HWF 016	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U705	(4)	14-Sep-95	A48	HWF 017	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U705		12-Jun-96	A51	AXPV 020	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U705		12-Sep-96	A52	AZDH 018	96U03913	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U706		08-Mar-94	A42	IKY 006	46809	<1.00	0.58	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U706		15-Mar-95	A46	IZS 012	NC	<1.00	0.32	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U706		14-Sep-95	A48	HWF 018	NC	<1.00	0.35	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U706		05-Jun-96	A51	AXNT 014	96U01742	<0.75	1.16	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U706		12-Sep-96	A52	AZDH 020	96U03913	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U707		08-Mar-94	A42	IUA 006	46809	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.52	<1.30	<0.72	<1.00	<1.00	<3.20					
03U707		15-Mar-95	A46	IZS 013	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U707		05-Jun-96	A51	AXNT 016	96U01742	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U708		09-Mar-94	A42	ZUG 008	NC	<100.00	2800.00	130.00	77.00		<30.00	<190.00	1500.00	<100.00	130.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
03U708		14-Mar-95	A46	IZS 007	59420 (5)	9.47	880.00	86.00	32.00		<0.30	<1.90	380.00	<1.00	49.10	1.58	<1.30	2.04	<1.00	<1.00	1.56					
03U708		06-Jun-96	A51	AXNU 016	96U01742	8.16	1400.00	88.90	82.30			<1.01	410.00	<0.78	82.80	1.74	<0.99	<0.50	<1.00	<1.00	<7.40					
03U709		09-Mar-94	A42	IUB 015	NC	<10.00	300.00	25.00	<5.00		<3.00	<19.00	51.00	<10.00	48.00	<5.00	<13.00	<7.20	<10.00	<10.00	58.00					
03U709		15-Mar-95	A46	IZT 007	NC	<10.00	130.00	14.00	<5.00		<3.00	<19.00	33.00	<10.00	24.00	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U709		13-Jun-96	A51	AXPX 012	NC	<0.75	78.00	10.70	0.99			<1.01	12.50	<0.78	22.20	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U710		04-Mar-94	A42	IKV 008	44113	<25.00	670.00	<25.00	<13.00		<7.50	<48.00	85.00	<25.00	<20.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03U710		22-Mar-95	A46	IZV 010	NC	<10.00	260.00	<10.00	7.60		<3.00	<19.00	35.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U710		11-Jun-96	A51	AXPR 012	NC	<0.75	380.00	9.76	11.70			<1.01	(6) 40.80	<0.78	9.36	<1.10	<0.99	2.24	<1.00	<1.00	<7.40					
03U710	(4)	11-Jun-96	A51	AXPR 013	NC	<0.75	430.00	10.60	13.10			<1.01	(6) 53.10	<0.78	9.51	<1.10	<0.99	1.92	<1.00	<1.00	<7.40					
03U711		04-Mar-94	A42	IKT 018	44113	<50.00	970.00	97.00	<25.00		<15.00	<95.00	670.00	<50.00	68.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U711		07-Sep-94	A44	IVS 008	NA	15.00	1000.00	120.00	15.00		<3.00	<19.00	420.00	<10.00	87.00	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U711	(4)	07-Sep-94	A44	IVS 009	NA	14.00	990.00	110.00	15.00		<3.00	<19.00	420.00	<10.00	80.00	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
03U711		16-Mar-95	A46	IZU 009	NC	<25.00	540.00	70.00	7.90		<7.50	<48.00	260.00	<25.00	45.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03U711		12-Sep-95	A48	HWE 013	NC	<20.00	470.00	41.00	<10.00		<6.00	<38.00	170.00	<20.00	30.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U711		11-Jun-96	A51	AXPU 007	NC	5.46	210.00	23.40	4.09			<1.01	75.30	<0.78	21.90	<1.10	<0.99	1.48	<1.00	<1.00	<7.40					
03U711		11-Sep-96	A52	AZDH 008	96U03913 (5)	6.91	260.00	30.40	5.22			<1.01	69.50	<0.78	23.10	<1.10	<0.99	1.72	<1.00	<1.00	<7.40					
03U801		03-Mar-94	A42	IKR 006	44113	<200.00	5200.00	<200.00	<100.00		<60.00	<380.00	<200.00	<200.00	<160.00	<100.00	<260.00	<140.00	<200.00	<200.00	<640.00					
03U801		17-Mar-95	A46	IZU 004	63649	<25.00	990.00	<25.00	20.00		<7.50	<48.00	<25.00	<25.00	<20.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
03U801		14-Jun-96	A51	AXPW 019	96U01824 (5)	<0.75	590.00	<1.70	11.20			<1.01	2.17	<0.78	0.96	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U804		02-Mar-94	A42	IKT 005	NC (5)	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U804		16-Mar-95	A46	IZT 022	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U804		12-Jun-96	A51	AXPU 020	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U805		03-Mar-94	A42	IKR 009	44113	<1.00	1.22	<1.00	<0.50		<0.30	<1.90	2.41	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U805		17-Mar-95	A46	IZV 004	63649	<1.00	<0.50	<1.00	1.27		<0.30	<1.90	0.75	<1.00	0.45	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U805		13-Jun-96	A51	AXPX 015	NC (5)	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U806		02-Mar-94	A42	IKT 004	NC	<100.00	2500.00	<100.00	<50.00		<30.00	<190.00	<100.00	<100.00	150.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
03U806		09-Sep-94	A44	ZVT 006	211540	<20.00	1500.00	61.00	10.00		<6.00	<38.00	51.00	<20.00	110.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
03U806		13-Mar-95	A46	IZO 020	59420	<50.00	1200.00	49.00	<25.00		<15.00	<95.00	110.00	<50.00	95.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U806		13-Sep-95	A48	HWE 015	269743	<50.00	1100.00	39.00	<25.00		<15.00	<95.00	82.00	<50.00	63.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
03U806		11-Jun-96	A51	AXPU 011	NC	2.64	1100.00	67.40	12.40			<1.01	44.10	<0.78	92.70	<1.10	<0.99	<0.50	<1.00	6.57	<7.40					
03U806		10-Sep-96	A52	AZAN 010	96U03825	2.51	830.00	62.80	10.60			<1.01	31.20	<0.78	82.20	<1.10	<0.99	<0.50	<1.00	6.36	<7.40					
03U811		18-Mar-94	F42	IUO 010	57070	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U811		23-Mar-95	F46	DSB 008	5115-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U811		19-Jun-96	A51	AXQY 005	96U01884	<0.75	R <0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
03U815		21-Jun-96	A51	AXUT 011	96U01981 (5)	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U821		18-Mar-94	F42	IUO 017	57070	<5.00	110.00	4.60	<2.50			<9.50	14.00	<5.00	4.20	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
03U821		15-Mar-95	F46	DRT 012	5054-01 (5)	<2.41	17.20	3.47		1.68	<1.06	<4.10	4.29	<1.52	4.28	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U821	(4)	15-Mar-95	F46	DRT 013	5054-01 (5)	<2.41	<1.04	<1.01		1.68	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U821		18-Jun-96	A51	AXQX 011	96U01884 (5)	<0.75	65.60	2.31	1.11			<1.01	5.09	<0.78	3.19	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U822		18-Mar-94	F42	IUP 007	57070	<1.00	2.70	8.41	1.72			1.20	2.60	<1.00	15.20	1.13	<1.30	<0.72	<1.00	<1.00	<3.20					
03U822		15-Mar-95	F46	DRT 005	5054-01	<2.41	9.10	9.25		1.34	<1.06	<4.10	3.96	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U824		18-Mar-94	F42	IUP 011	57070	<1.00	94.00	3.64	6.98			<1.90	8.32	<1.00	14.50	1.14	<1.30	<0.72	<1.00	<1.00	<3.20					
03U824		15-Mar-95	F46	DRT 010	5054-01	<2.41	19.70	5.89		3.40	<1.06	<4.10	4.78	<1.52	8.61	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U824		19-Jun-96	A51	AXQX 015	96U01884	<0.75	148.00	5.11	1.37			<1.01	23.90	<0.78	3.96	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U824	(4)	19-Jun-96	A51	AXQX 016	96U01884	<0.75	156.00	5.00	1.29			<1.01	23.90	<0.78	3.84	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U831		21-Mar-94	F42	IUS 018	59021	<1.00	0.47	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
03U831		16-Mar-95	F46	DRU 005	5072-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U831		19-Jun-96	A51	AXQX 018	96U01881 (5)	<0.75	148.00	5.33	<0.76			<1.01	28.40	<0.78	3.26	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
03U832		21-Mar-94	F42	IUS 010	59021	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.29	<1.30	<0.72	<1.00	<1.00	<3.20					
03U832		16-Mar-95	F46	DRU 008	5072-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
03U832		21-Jun-96	A51	AXUT 012	96U01981	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J077		08-Mar-94	A42	IKZ 017	46809	<25.00	800.00	54.00	20.00		<7.50	<48.00	180.00	<25.00	74.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
04J077	(4)	08-Mar-94	A42	IKZ 018	46809	<50.00	910.00	59.00	<25.00		<15.00	<95.00	160.00	<50.00	74.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
04J077		15-Mar-95	A46	IZR 016	NC (5)	<100.00	1500.00	140.00	<50.00		<30.00	<190.00	500.00	<100.00	120.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
04J077		12-Jun-96	A51	AXPV 018	NC	<0.75	410.00	20.30	5.34			<1.01	68.30	<0.78	23.60	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J702		07-Mar-94	A42	IKX 006	NC	<1.00	32.10	<1.00	<0.50		<0.30	<1.90	2.56	<1.00	2.13	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J702	(4)	07-Mar-94	A42	IKX 007	NC	<1.00	36.60	<1.00	<0.50		<0.30	<1.90	2.89	<1.00	2.15	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J702		13-Mar-95	A46	IZP 010	59420	<1.00	24.10	0.94	<0.50		<0.30	<1.90	4.12	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J702		14-Jun-96	A51	AXPW 015	96U01824	<0.75	62.00	2.06	<0.76			<1.01	9.44	<0.78	1.34	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J708		09-Mar-94	A42	ZUG 007	NC	<1.00	15.50	<1.00	<0.50		<0.30	<1.90	1.96	<1.00	1.81	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J708		14-Mar-95	A46	IZR 008	59420	<1.00	11.60	<1.00	0.36		<0.30	<1.90	(6) 1.24	<1.00	1.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J708	(4)	14-Mar-95	A46	IZR 009	59420	<1.00	10.60	<1.00	0.35		<0.30	<1.90	(6) 1.96	<1.00	1.69	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J708		06-Jun-96	A51	AXNU 018	96U01742	<0.75	6.93	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J713		07-Mar-94	A42	IKX 004	NC	<1.00	2.38	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J713		14-Mar-95	A46	IZR 012	59420	<1.00	5.89	<1.00	<0.50		<0.30	<1.90	1.26	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J713		05-Jun-96	A51	AXNU 007	96U01742	<0.75	4.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J714		07-Mar-94	A42	ZKW 007	NC	<1.00	3.55	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J714		07-Sep-94	A44	ZVQ 004	NA	<1.00	3.27	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.61	<1.30	<0.72	<1.00	<1.00	<3.20					
04J714		16-Mar-95	A46	IZT 012	NC	<1.00	1.53	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J714		13-Sep-95	A48	HWF 008	269743	<1.00	2.17	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J714		14-Jun-96	A51	AXPW 017	96U01824	<0.75	1.87	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J714	(4)	14-Jun-96	A51	AXPW 018	96U01824	<0.75	1.81	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J714		12-Sep-96	A52	AZDH 013	96U03913	<0.75	2.15	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J714	(4)	12-Sep-96	A52	AZDH 014	96U03913	<0.75	2.03	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J834		23-Mar-94	F42	IUW 010	62588	<1.00	1.45	0.58	0.74			<1.90	<1.00	<1.00	2.33	0.34	<1.30	<0.72	<1.00	<1.00	<3.20					
04J834		24-Mar-94	M42			<0.20	2.20	<0.50		1.20	<0.20	<1.00	0.50	<0.20	2.80	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	0.40	1.10	0.30	0.70	
04J834		24-Mar-94	M42			<0.20	2.20	<0.50		1.20	<0.10	<0.50	0.50	<0.20	2.80	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	0.40	1.10	0.30	0.70	
04J834		27-Mar-95	F46	DSE 011	5131-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	1.30	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04J834		11-Sep-95	F48	EWD 014	NC	<2.41	1.97	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
04J834		21-Jun-96	A51	AXUT 015	96U01981	<0.75	3.15	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J834		09-Sep-96	A52	AZAD 013	96U03776 (5)	<0.75	6.43	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J835		24-Mar-94	F42	IUX 005	63410	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J835		24-Mar-94	M42			<0.20	0.20	<0.50		<0.20	<0.10	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	<0.20	0.40	<0.20	<0.20	
04J835		24-Mar-94	M42			<0.20	0.20	<0.50		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	<0.20	0.40	<0.20	0.30	
04J835		27-Mar-95	F46	DSE 012	5131-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04J835		12-Sep-95	F48	EWD 015	6502-01 (5)	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
04J864		07-Jun-94	A43	ZVE 006	126780	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.70	<1.30	<0.72	<1.00	<1.00	<3.20					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
04J864		07-Jun-94	M43			<0.20	<0.10	<0.50		<0.20	<0.10	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	<0.20	<0.20		<0.20	<0.20
04J864		07-Jun-94	M43			<0.20	<0.10	<0.50		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	<0.20	<0.20		<0.20	<0.20
04J864		13-Sep-94	A44	IVV 006	215473	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.46	<1.30	<0.72	<1.00	<1.00	<3.20					
04J864		06-Dec-94	A45	ZZD 011	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J864		08-Mar-95	A46	IZL 009	56391	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J864		09-Jun-95	A47	IZY 015	288420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J864		03-Jun-96	A51	AXNJ 005	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J864		16-Sep-96	A52	AZET 010	96U04021	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J866		09-Jun-94	A43	ZVG 007	126780	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J866		15-Sep-94	A44	IVX 013	218146	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	2.28					
04J866		08-Dec-94	A45	IZE 018	288420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	0.58	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	(6) 9.22					
04J866	(4)	08-Dec-94	A45	IZE 019	288420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	(6) 1.84					
04J866		09-Mar-95	A46	IZL 014	56391	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J866		07-Jun-95	A47	IZY 012	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J866		03-Jun-96	A51	AXNJ 008	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J866		16-Sep-96	A52	AZET 005	96U04021	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J882		23-Mar-94	F42	IUW 008	62588	<1.00	0.99	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04J882		24-Mar-94	M42			<0.20	0.30	<0.50		<0.20	<0.10	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	1.20	2.60		0.80	1.60
04J882		27-Mar-95	F46	DSE 007	5130-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04J882		11-Sep-95	F48	EWD 011	NC	<2.41	24.00	<1.01		<0.89	<1.06	<4.10	2.49	<1.52	1.59	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
04J882		24-Jun-96	A51	AXUT 010	96U02093	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J882		09-Sep-96	A52	AZAD 009	96U03776	<0.75	(6) <0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04J882	(4)	09-Sep-96	A52	AZAD 010	96U03776	<0.75	(6) 1.24	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U001		07-Mar-94	A42	ZKW 005	NC	<1.00	2.80	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U001		07-Sep-94	A44	ZVQ 007	NA	<1.00	1.26	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.42	<1.30	<0.72	<1.00	<1.00	<3.20					
04U001		15-Mar-95	A46	IZS 021	NC	<1.00	2.56	<1.00	<0.50		<0.30	<1.90	0.66	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U001		13-Sep-95	A48	HWF 011	269743	<1.00	3.21	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U001		06-Jun-96	A51	AXNU 020	96U01742	<0.75	2.47	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U001		11-Sep-96	A52	AZDH 011	96U03913	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U002		04-Mar-94	A42	IKV 010	44113	<1.00	36.20	<1.00	1.09		<0.30	<1.90	4.51	<1.00	2.58	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U002		16-Mar-95	A46	IZT 017	NC (5)	<1.00	16.30	0.97	<0.50		<0.30	<1.90	2.63	<1.00	1.45	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U002		13-Jun-96	A51	AXPW 010	96U01824	<0.75	14.70	<1.70	<0.76			<1.01	2.25	<0.78	1.13	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U003		02-Mar-94	A42	IKT 007	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U003		09-Sep-94	A44	ZVU 004	211540	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.49	<1.30	<0.72	<1.00	<1.00	<3.20					
04U003		14-Mar-95	A46	IZP 016	59420	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U003		14-Sep-95	A48	HWF 014	NC	<1.00	0.37	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U003		06-Jun-96	A51	AXNV 012	96U01742	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U003		12-Sep-96	A52	AZDH 019	96U03913	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U007		14-Mar-94	F42	IUH 004	NC	<1.00	(6) 0.36	<1.00	1.41			<1.90	<1.00	<1.00	<0.78	0.31	<1.30	<0.72	<1.00	<1.00	<3.20					
04U007	(4)	14-Mar-94	F42	IUH 010	NC	<1.00	(6) 0.51	<1.00	1.33			<1.90	<1.00	<1.00	<0.78	0.39	<1.30	<0.72	<1.00	<1.00	<3.20					
04U007		08-Sep-95	F48	EWD 006	6484-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
04U007		21-Jun-96	A51	AXRK 014	96U01936	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U020		04-Mar-94	A42	IKV 013	44113	<1.00	60.00	<1.00	1.80		<0.30	<1.90	3.30	<1.00	11.10	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U020		20-Mar-95	A46	IZU 016	NC	<1.00	9.32	<1.00	<0.50		<0.30	<1.90	0.68	<1.00	1.05	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U020		05-Jun-96	A51	AXNT 007	96U01742	<0.75	7.22	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U027		07-Mar-94	A42	IKX 009	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U027		15-Mar-95	A46	IZS 010	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U027	(4)	15-Mar-95	A46	IZS 011	NC	<1.00	0.46	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U027		12-Jun-96	A51	AXPW 007	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U027	(4)	12-Jun-96	A51	AXPW 008	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U077		08-Mar-94	A42	IKZ 013	46809	<25.00	540.00	<25.00	<13.00		<7.50	<48.00	57.00	<25.00	23.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
04U077		15-Mar-95	A46	IZS 005	NC	<20.00	820.00	28.00	<10.00		<6.00	<38.00	140.00	<20.00	<16.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
04U077		12-Jun-96	A51	AXPV 015	NC (5)	<0.75	450.00	13.50	3.44			<1.01	64.00	<0.78	6.88	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U414		09-Jun-94	A43	ZVH 008	126780	<1.00	0.65	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U510		11-Mar-94	F42	IUG 005	NC	<1.00	<0.50	<1.00	<0.50			<1.90	0.89	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
04U673		03-Mar-94	A42	IKR 007	44113	<10.00	270.00	<10.00	6.90		<3.00	<19.00	33.00	<10.00	<7.80	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
04U673		06-Jun-94	A43	IVD 006	126780	<2.00	210.00	1.20	7.20		<0.60	<3.80	2.00	<2.00	1.00	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
04U673		08-Sep-94	A44	IVS 012	NA	<5.00	170.00	<5.00	8.20		<1.50	<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
04U673		08-Dec-94	A45	IZF 011	288420	<2.00	190.00	<2.00	5.70		<0.60	<3.80	1.60	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
04U673		15-Mar-95	A46	IZS 018	NC	<5.00	160.00	<5.00	6.00		<1.50	<9.50	3.40	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
04U673	(4)	15-Mar-95	A46	IZS 019	NC	<5.00	140.00	<5.00	6.00		<1.50	<9.50	3.20	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
04U673		12-Sep-95	A48	HWD 017	NC	<5.00	260.00	<5.00	6.50		<44.00	<9.50	<5.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
04U673		12-Jun-96	A51	AXPU 019	NC	<0.75	125.00	<1.70	7.81			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U701		09-Mar-94	A42	IUB 014	NC	<2.00	67.00	<2.00	<1.00		<0.60	<3.80	8.60	<2.00	<1.60	<1.00	<2.60	<1.40	<2.00	<2.00	6.40					
04U701		17-Mar-95	A46	IZU 006	63649	<1.00	35.50	1.31	<0.50		<0.30	<1.90	5.70	<1.00	0.66	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U701		13-Jun-96	A51	AXPX 007	NC	<0.75	23.70	<1.70	<0.76			<1.01	2.54	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U702		08-Mar-94	A42	IUA 004	46809 (5)	<1.00	45.20	<1.00	<0.50		<0.30	<1.90	6.28	<1.00	<0.78	0.67	<1.30	<0.72	<1.00	<1.00	<3.20					
04U702		13-Mar-95	A46	IZP 009	59420	<5.00	97.00	3.80	<2.50		<1.50	<9.50	18.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
04U702		14-Jun-96	A51	AXPW 012	96U01824	<0.75	21.30	<1.70	<0.76			<1.01	2.89	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U708		09-Mar-94	A42	IUB 016	NC	<1.00	11.20	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	1.18	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U708		14-Mar-95	A46	IZR 004	59420	<1.00	6.46	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	0.41	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U708		06-Jun-96	A51	AXNU 017	96U01742	<0.75	4.18	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U709		09-Mar-94	A42	ZUG 006	NC	<5.00	180.00	<5.00	<2.50		<1.50	<9.50	18.00	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
04U709		15-Mar-95	A46	IZT 008	NC	<2.00	73.00	2.00	0.54		<0.60	<3.80	7.00	<2.00	2.10	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
04U709		13-Jun-96	A51	AXPX 009	NC	<0.75	54.90	<1.70	0.87			<1.01	4.05	<0.78	2.17	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U711		04-Mar-94	A42	IKT 016	44113	<1.00	5.83	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	2.42	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U711	(4)	04-Mar-94	A42	IKT 017	44113	<1.00	6.62	<1.00	0.55		<0.30	<1.90	1.34	<1.00	2.52	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U711		07-Sep-94	A44	IVS 021	NA (5)	<1.00	4.66	<1.00	0.38		<0.30	<1.90	0.77	<1.00	2.26	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U711		16-Mar-95	A46	IZT 023	NC	<1.00	3.40	<1.00	<0.50		<0.30	<1.90	0.60	<1.00	1.16	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U711		12-Sep-95	A48	HWE 014	NC	<1.00	6.89	<1.00	<0.50		<0.30	<1.90	0.70	<1.00	0.60	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U711		11-Jun-96	A51	AXPU 008	NC	<0.75	5.57	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U711	(4)	11-Jun-96	A51	AXPU 009	NC	<0.75	5.18	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U711		11-Sep-96	A52	AZDH 006	96U03913	<0.75	4.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U713		07-Mar-94	A42	ZKW 008	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U713		14-Mar-95	A46	IZR 013	59420	<1.00	1.78	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U713		05-Jun-96	A51	AXNU 006	96U01742	<0.75	1.85	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U714		07-Mar-94	A42	ZKW 006	NC	<1.00	4.53	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U714		07-Sep-94	A44	ZVQ 005	NA	<1.00	3.15	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.35	<1.30	<0.72	<1.00	<1.00	<3.20					
04U714		16-Mar-95	A46	IZT 009	NC	<1.00	5.03	<1.00	<0.50		<0.30	<1.90	0.61	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U714		13-Sep-95	A48	HWE 007	269743	<1.00	6.76	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U714		14-Jun-96	A51	AXPW 016	96U01824	<0.75	4.88	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U714		12-Sep-96	A52	AZDH 012	96U03913	<0.75	4.75	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U802		03-Mar-94	A42	IKR 005	44113	<1.00	1.89	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U802		14-Mar-95	A46	IZR 005	59420	<1.00	0.90	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U802		05-Jun-96	A51	AXNU 010	96U01742	<0.75	1.01	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U802	(4)	05-Jun-96	A51	AXNU 011	96U01742	<0.75	0.84	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U806		02-Mar-94	A42	IKQ 004	NC	<100.00	2300.00	140.00	65.00		<30.00	<190.00	400.00	<100.00	240.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
04U806	(4)	02-Mar-94	A42	IKQ 005	NC	<100.00	2500.00	150.00	68.00		<30.00	<190.00	460.00	<100.00	250.00	<50.00	<130.00	<72.00	<100.00	<100.00	<320.00					
04U806		09-Sep-94	A44	ZVT 004	211540	<50.00	1100.00	65.00	38.00		<15.00	<95.00	88.00	<50.00	170.00	<25.00	<65.00	<36.00	<50.00	<50.00	<160.00					
04U806		13-Mar-95	A46	IZO 017	59420	<10.00	450.00	29.00	(6) 11.00		<3.00	<19.00	94.00	<10.00	(6) 45.00	2.60	<13.00	<7.20	<10.00	<10.00	<32.00					
04U806	(4)	13-Mar-95	A46	IZO 018	59420	<20.00	390.00	26.00	(6) 8.10		<6.00	<38.00	84.00	<20.00	(6) 34.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
04U806		12-Sep-95	A48	HWE 012	NC	<10.00	450.00	19.00	5.10		<3.00	<19.00	66.00	<10.00	15.00	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
04U806		06-Jun-96	A51	AXNU 014	96U01742	<0.75	230.00	14.40	6.41			<1.01	37.10	<0.78	10.90	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U806		10-Sep-96	A52	AZAN 013	96U03825	<0.75	176.00	12.80	6.73			<1.01	26.10	<0.78	12.00	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U821		18-Mar-94	F42	IUP 006	57070 (5)	<5.00	140.00	5.40	<2.50			<9.50	15.00	<5.00	5.00	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
04U821		15-Mar-95	F46	DRT 011	5054-01	<2.41	20.90	4.43		<0.89	<1.06	<4.10	8.96	<1.52	4.11	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U832		10-Jun-94	A43	ZVI 004	126780	<1.00	49.00	2.66	0.54		<0.30	<1.90	7.93	<1.00	3.28	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U832		13-Sep-94	A44	IVV 010	215473	<1.00	49.50	2.40	0.43		<0.30	<1.90	6.99	<1.00	1.91	0.73	<1.30	<0.72	<1.00	<1.00	<3.20					
04U832		07-Dec-94	A45	IZE 005	288420	<1.00	43.30	1.63	0.27		<0.30	<1.90	6.21	<1.00	1.53	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U832	(4)	07-Dec-94	A45	IZE 006	288420	<1.00	47.10	1.97	0.29		<0.30	<1.90	6.65	<1.00	1.66	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U832		10-Mar-95	A46	IZN 004	NC	<2.00	56.00	3.00	<1.00		<0.60	<3.80	10.00	<2.00	2.50	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well	Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)					0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
04U832	03-Jun-96	A51	AXNJ 012	NC	<0.75	41.00	2.22	<0.76			<1.01	4.20	<0.78	2.07	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U833	04-Mar-94	A42	IKV 004	44113	<5.00	150.00	<5.00	<2.50		<1.50	<9.50	13.00	<5.00	5.80	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
04U833	17-Mar-95	A46	IZU 014	63649	<5.00	120.00	<5.00	<2.50		<1.50	<9.50	7.70	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
04U833	12-Sep-95	A48	HWE 011	NC	<5.00	150.00	<5.00	<2.50		<1.50	<9.50	6.70	<5.00	<3.90	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
04U833	11-Jun-96	A51	AXPU 010	NC	<0.75	51.50	<1.70	<0.76			<1.01	1.25	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U833	11-Sep-96	A52	AZDH 007	96U03913	<0.75	67.10	<1.70	<0.76			<1.01	1.27	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U834	23-Mar-94	F42	IUW 012	62588	<1.00	6.65	<1.00	0.47			<1.90	<1.00	<1.00	1.71	0.33	<1.30	<0.72	<1.00	<1.00	<3.20					
04U834	24-Mar-94	M42			<0.20	18.00	1.60		1.00	<0.20	<1.00	2.50	<0.20	2.60	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	1.20	1.70		1.00	1.20
04U834	24-Mar-94	M42			<0.20	18.00	1.60		1.00	<0.10	<0.50	2.50	<0.20	2.60	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	1.20	1.70		1.00	1.20
04U834	27-Mar-95	F46	DSE 010	5131-01	<2.41	12.40	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	3.18	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U834	11-Sep-95	F48	EWD 013	NC	<2.41	8.15	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
04U834	21-Jun-96	A51	AXUT 016	96U01981	<0.75	95.20	4.51	0.99			<1.01	9.32	<0.78	3.94	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U834	09-Sep-96	A52	AZAD 011	96U03776	<0.75	120.00	6.36	1.70			<1.01	11.70	<0.78	4.26	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U841	17-Mar-94	F42	IUO 006	NC	<1.00	8.74	0.99	0.56			<1.90	2.16	<1.00	1.20	0.53	<1.30	<0.72	<1.00	<1.00	<3.20					
04U841	23-Mar-95	F46	DSB 006	5115-01	<2.41	8.07	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U841	18-Jun-96	A51	AXQX 012	96U01884	<0.75	12.00	2.21	<0.76			<1.01	9.39	<0.78	1.76	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U843	18-Mar-94	F42	IUO 016	57070	<1.00	6.93	2.90	<0.50			<1.90	6.22	<1.00	3.76	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U843	15-Mar-95	F46	DRT 007	5054-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U843	19-Jun-96	A51	AXQX 019	96U01884	<0.75	12.10	3.69	<0.76			<1.01	6.26	<0.78	3.12	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U844	08-Jun-94	F43	IVF 004	124044	<20.00	710.00	35.00	<10.00			<38.00	110.00	<20.00	21.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
04U844	20-Jun-96	A51	AXUT 017	96U01981	1.01	690.00	38.20	5.14			<1.01	111.00	<0.78	21.80	<1.10	<0.99	<0.50	<1.00	2.04	<7.40					
04U845	08-Jun-94	A43	ZVF 009	126780	<1.00	64.00	<1.00	2.93		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U845	13-Sep-94	A44	IVW 004	215473	<1.00	70.00	<1.00	2.44		<0.30	<1.90	<1.00	<1.00	<0.78	0.59	<1.30	<0.72	<1.00	<1.00	<3.20					
04U845	07-Dec-94	A45	IZE 004	288420	<1.00	54.00	<1.00	2.53		<0.30	<1.90	0.71	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U845	10-Mar-95	A46	IZN 006	NC	<1.00	39.50	<1.00	2.11		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U845	04-Jun-96	A51	AXNK 005	NC	<0.75	51.20	<1.70	2.89			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U846	21-Mar-94	F42	IUU 004	59021	<2.00	100.00	4.10	1.10			<3.80	17.00	<2.00	4.20	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
04U846	20-Mar-95	F46	DRW 008	5087-01	<2.41	7.60	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U846	20-Jun-96	A51	AXRK 007	96U01981	<0.75	3.74	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U847	17-Mar-94	F42	IUO 005	NC	<20.00	790.00	130.00	15.00			<38.00	270.00	<20.00	99.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
04U847	12-Sep-94	F44	IVU 010	NC (5)	<20.00	750.00	93.00	9.20			<38.00	180.00	<20.00	74.00	<10.00	<26.00	<14.00	<20.00	<20.00	<64.00					
04U847	28-Mar-95	F46	DSF 005	5137-01	<2.41	140.00	160.00		5.68	<1.06	<4.10	170.00	<1.52	84.00	<4.63	<1.20	1.70	<3.94	<4.47	<1.41					
04U847	06-Sep-95	F48	EVG 015	NC	<2.41	68.00	100.00		5.33	<1.06	<4.10	28.10	<1.52	84.00	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
04U848	06-Jun-94	A43	IVD 010	126780	<1.00	12.20	<1.00	0.77		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U848	15-Sep-94	A44	IVX 006	218146	<1.00	16.80	<1.00	0.63		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U848	08-Dec-94	A45	IZF 007	288420	<1.00	15.60	<1.00	0.61		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U848	10-Mar-95	A46	IZN 011	NC	<1.00	9.94	<1.00	0.61		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U848	03-Jun-96	A51	AXNJ 018	NC	<0.75	6.15	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U849	21-Mar-94	F42	IUU 024	59021	<1.00	70.00	6.70	0.97			<1.90	25.80	<1.00	8.07	0.46	<1.30	<0.72	<1.00	<1.00	<3.20					
04U849	23-Mar-95	F46	DSB 011	5115-01	<2.41	46.60	3.04		<0.89	<1.06	<4.10	8.32	<1.52	1.64	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U850	22-Mar-94	F42	IUU 021	62405	<25.00	910.00	35.00	<13.00			<48.00	120.00	<25.00	37.00	<13.00	<33.00	<18.00	<25.00	<25.00	<80.00					
04U850	24-Mar-95	F46	DSC 008	5121-01	<2.41	340.00	24.40		2.34	<1.06	<4.10	38.10	<1.52	15.70	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U851	10-Jun-94	A43	ZVI 009	126780	<1.00	1.39	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U851	06-Sep-94	A44	IVS 020	NC	<1.00	1.89	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U851	06-Dec-94	A45	ZZD 014	288420	<1.00	0.83	<1.00	<0.50		<0.30	<1.90	0.64	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U851	08-Mar-95	A46	IZL 010	56391	<1.00	0.75	<1.00	<0.50		<0.30	<1.90	1.16	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U851	04-Jun-96	A51	AXNK 015	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U852	22-Mar-94	F42	IUW 005	62588	<1.00	3.20	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U852	28-Mar-95	F46	DSF 010	5137-01 (5)	<2.41	1.29	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U852	25-Jun-96	A51	AXUV 011	96U01981	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U854	08-Jun-94	A43	ZVG 006	126780	<1.00	35.30	<1.00	2.02		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U854	14-Sep-94	A44	IVV 012	215473	<1.00	36.60	<1.00	1.57		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U854	07-Dec-94	A45	ZZD 018	288420	<1.00	32.00	<1.00	1.49		<0.30	<1.90	0.53	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
04U854		09-Mar-95	A46	IZM 005	56391	<1.00	25.00	<1.00	1.56		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U854		04-Jun-96	A51	AXNK 008	NC	<0.75	26.70	<1.70	2.96			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U855		21-Mar-94	F42	IUS 008	59021	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.31	<1.30	<0.72	<1.00	<1.00	<3.20					
04U855		08-Sep-94	A44	IVS 014	NA	<1.00	13.40	0.57	1.06		<0.30	<1.90	0.74	<1.00	4.05	0.67	<1.30	<0.72	<1.00	<1.00	<3.20					
04U855		23-Mar-95	F46	DSB 012	5115-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U855		20-Jun-96	A51	AXRK 006	96U01981	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U859		18-Mar-94	F42	IUO 014	57070	<2.00	47.00	5.20	2.60			<3.80	13.00	<2.00	5.90	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
04U859	(4)	18-Mar-94	F42	IUP 013	57070	<1.00	49.50	5.44	2.31			<1.90	14.10	1.03	5.78	0.44	<1.30	<0.72	<1.00	<1.00	<3.20					
04U859		09-Jun-94	A43	ZVH 005	126780	<1.00	48.90	5.57	2.54		<0.30	<1.90	14.60	<1.00	5.64	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U859		14-Sep-94	A44	IVX 004	218146	<1.00	64.00	4.88	2.29		<0.30	<1.90	15.90	<1.00	5.17	0.42	<1.30	<0.72	<1.00	<1.00	<3.20					
04U859		07-Dec-94	A45	IZE 011	288420	<1.00	52.50	4.66	1.78		<0.30	<1.90	14.70	<1.00	4.79	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U859		10-Mar-95	A46	IZN 008	NC	<1.00	43.80	4.09	2.07		<0.30	<1.90	14.90	<1.00	5.38	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U859		03-Jun-96	A51	AXNJ 016	NC	<0.75	50.80	7.72	4.11			<1.01	22.30	<0.78	6.31	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U860		07-Jun-94	A43	ZVF 006	126780	<1.00	0.73	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U860		15-Sep-94	A44	IVX 009	218146	<1.00	0.90	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.41	<1.30	<0.72	<1.00	<1.00	<3.20					
04U860		08-Dec-94	A45	IZF 005	288420	<1.00	0.64	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U860		10-Mar-95	A46	IZM 011	56391	<1.00	0.59	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U860		04-Jun-96	A51	AXNJ 020	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U861		08-Jun-94	A43	ZVF 007	126780	<1.00	9.69	0.70	0.33		<0.30	<1.90	2.01	<1.00	0.84	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U861	(4)	08-Jun-94	A43	ZVF 008	126780	<1.00	10.40	0.78	0.38		<0.30	<1.90	2.18	<1.00	0.89	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U861		14-Sep-94	A44	IVV 015	215473	<1.00	8.26	<1.00	<0.50		<0.30	<1.90	0.99	<1.00	0.44	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U861		06-Dec-94	A45	ZZD 016	288420	<1.00	12.00	0.60	0.43		<0.30	<1.90	1.63	<1.00	0.77	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U861		09-Mar-95	A46	IZM 004	56391	<1.00	6.42	<1.00	0.49		<0.30	<1.90	1.80	<1.00	0.71	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U861		04-Jun-96	A51	AXNK 006	NC	<0.75	6.99	<1.70	2.08			<1.01	1.25	<0.78	0.90	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U863		09-Jun-94	A43	ZVH 007	126780	<1.00	5.10	<1.00	0.30		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U863		14-Sep-94	A44	IVV 018	215473	<1.00	2.64	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.45	<1.30	<0.72	<1.00	<1.00	<3.20					
04U863		07-Dec-94	A45	IZE 007	288420	<1.00	8.05	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U863		09-Mar-95	A46	IZL 015	56391	<1.00	7.05	<1.00	0.32		<0.30	<1.90	1.41	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U863		12-Jun-95	A47	IZY 016	NC	<1.00	5.04	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U863		04-Jun-96	A51	AXNK 013	NC	<0.75	4.59	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U863		16-Sep-96	A52	AZET 009	96U04021	<0.75	1.84	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U864		07-Jun-94	A43	IVD 004	126780	<1.00	0.97	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.39	<1.30	<0.72	<1.00	<1.00	<3.20					
04U864		07-Jun-94	M43			<0.20	1.70	<0.50		<0.20	<0.10	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	<0.20	<0.20		<0.20	<0.20
04U864		07-Jun-94	M43			<0.20	1.70	<0.50		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	<0.20	<0.20		<0.20	<0.20
04U864		13-Sep-94	A44	IVV 004	215473	<1.00	1.79	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.77	<1.30	<0.72	<1.00	<1.00	<3.20					
04U864	(4)	13-Sep-94	A44	IVV 005	215473	<1.00	1.82	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.83	<1.30	<0.72	<1.00	<1.00	<3.20					
04U864		06-Dec-94	A45	ZZD 010	288420	<1.00	1.20	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U864		08-Mar-95	A46	IZL 008	56391	<1.00	1.13	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U864		09-Jun-95	A47	IZY 014	NC	<1.00	0.99	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U864		03-Jun-96	A51	AXNJ 006	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U864		17-Sep-96	A52	AZET 013	96U04021	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U865		10-Jun-94	A43	ZVH 009	126780	<1.00	4.87	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U865		15-Sep-94	A44	IVX 010	218146	<1.00	11.90	<1.00	0.36		<0.30	<1.90	<1.00	<1.00	<0.78	0.42	<1.30	<0.72	<1.00	<1.00	<3.20					
04U865	(4)	15-Sep-94	A44	IVX 011	218146	<1.00	12.10	<1.00	0.38		<0.30	<1.90	<1.00	<1.00	<0.78	0.42	<1.30	<0.72	<1.00	<1.00	<3.20					
04U865		08-Dec-94	A45	IZE 016	288420	<1.00	9.83	<1.00	0.30		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U865		09-Mar-95	A46	IZL 011	56391	<1.00	8.91	<1.00	0.44		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U865		12-Jun-95	A47	IZY 017	NC	<1.00	7.82	<1.00	0.36		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U865		03-Jun-96	A51	AXNJ 011	NC	<0.75	1.77	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U865		17-Sep-96	A52	AZET 014	96U04021	<0.75	4.09	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U866		09-Jun-94	A43	ZVG 008	126780	<1.00	8.76	<1.00	0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U866		15-Sep-94	A44	IVX 012	218146	<1.00	14.30	<1.00	0.35		<0.30	<1.90	<1.00	<1.00	0.54	0.27	<1.30	<0.72	<1.00	<1.00	<3.20					
04U866		08-Dec-94	A45	IZE 017	288420	<1.00	7.74	<1.00	<0.50		<0.30	<1.90	0.54	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U866		09-Mar-95	A46	IZL 012	56391	<1.00	15.30	0.70	0.53		<0.30	<1.90	0.82	<1.00	1.15	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U866	(4)	09-Mar-95	A46	IZL 013	56391	<1.00	15.60	0.60	0.52		<0.30	<1.90	1.06	<1.00	1.12	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U866		07-Jun-95	A47	IZY 011	NC	<1.00	14.90	0.64	0.50		<0.30	<1.90	<1.00	<1.00	0.82	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U866		03-Jun-96	A51	AXNJ 007	NC	<0.75	1.18	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U866		16-Sep-96	A52	AZET 007	96U04021	<0.75	9.85	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U871		22-Mar-94	F42	IUW 017	62588	<1.00	13.70	0.60	0.34			<1.90	<1.00	<1.00	1.35	0.34	<1.30	<0.72	<1.00	<1.00	<3.20					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
04U871		20-Mar-95	F46	DRW 010	5087-01 (5)	<2.41	8.71	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U871	(4)	20-Mar-95	F46	DRW 011	5087-01 (5)	<2.41	8.83	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U871		26-Jun-96	A51	AXUW 005	NC	<0.75	175.00	11.00	2.54			<1.01	20.20	<0.78	8.30	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U871		10-Sep-96	A52	AZAD 016	96U03776	<0.75	225.00	13.60	3.47			<1.01	21.80	<0.78	9.90	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U872		23-Mar-94	F42	IUW 014	62588	<1.00	34.50	1.36	0.59			<1.90	0.53	<1.00	1.66	0.36	<1.30	<0.72	<1.00	<1.00	<3.20					
04U872		24-Mar-95	F46	DSC 012	5121-01 (5)	<2.41	20.90	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U872		26-Jun-96	A51	AXUW 007	NC	<0.75	116.00	6.84	1.67			<1.01	11.40	<0.78	5.57	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U872		11-Sep-96	A52	AZDV 005	96U03917	<0.75	168.00	10.70	3.11			<1.01	16.80	<0.78	8.17	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U875		24-Mar-94	F42	IUV 007	63410	<1.00	12.60	0.64	<0.50			<1.90	0.90	<1.00	1.44	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U875		24-Mar-95	F46	DSC 011	5121-01	<2.41	16.40	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U875		28-Jun-96	A51	AXVC 012	NC	<0.75	12.10	<1.70	<0.76			<1.01	1.78	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U875		09-Sep-96	A52	AZAD 005	96U03776	<0.75	14.80	<1.70	<0.76			<1.01	2.11	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U877		22-Mar-94	F42	IUV 005	62588	<1.00	16.70	1.11	0.88			<1.90	0.68	<1.00	1.04	0.32	<1.30	<0.72	<1.00	<1.00	<3.20					
04U877		24-Mar-95	F46	DSC 009	5121-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U877		26-Jun-96	A51	AXUW 009	NC	<0.75	171.00	12.00	0.96			<1.01	18.90	<0.78	8.45	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U879		22-Mar-94	F42	IUU 020	62588	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U879	(4)	22-Mar-94	F42	IUW 015	62588 (5)	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U879		23-Mar-95	F46	DSB 013	5115-01 (5)	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U879	(4)	23-Mar-95	F46	DSB 014	5115-01 (5)	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U879		25-Jun-96	A51	AXUV 009	96U01981 (5)	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U880		24-Mar-94	F42	IUV 006	63410	<1.00	(6) 0.59	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U880	(4)	24-Mar-94	F42	IUV 012	63410	<1.00	(6) 0.89	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U880		25-Mar-95	F46	DSC 015	5123-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U880		27-Jun-96	A51	AXUW 012	NC (5)	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U880		11-Sep-96	A52	AZDV 007	96U03917	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U881		23-Mar-94	F42	IUW 013	62588	<1.00	3.19	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.29	<1.30	<0.72	<1.00	<1.00	<3.20					
04U881		25-Mar-95	F46	DSC 016	5123-01 (5)	<2.41	2.40	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U881		28-Jun-96	A51	AXVC 010	NC	<0.75	1.15	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U881	(4)	28-Jun-96	A51	AXVC 011	NC	<0.75	1.03	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U881		11-Sep-96	A52	AZDV 006	96U03917	<0.75	0.78	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U882		23-Mar-94	F42	IUW 009	62588	<1.00	25.90	1.22	<0.50			<1.90	2.58	<1.00	1.19	0.25	<1.30	<0.72	<1.00	<1.00	<3.20					
04U882		24-Mar-94	M42			<0.20	23.00	1.90		0.50	<0.20	<1.00	3.80	<0.20	1.60	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	0.80	1.60		1.70	2.20
04U882		24-Mar-94	M42			<0.20	23.00	1.90		0.50	<0.10	<0.50	3.80	<0.20	1.60	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	0.80	1.60		1.70	2.20
04U882		12-Sep-94	F44	IVU 011	NC	<1.00	67.00	4.95	1.39			<1.90	14.40	<1.00	11.40	0.72	<1.30	<0.72	<1.00	<1.00	<3.20					
04U882		27-Mar-95	F46	DSE 009	5130-01	<2.41	20.70	1.82		<0.89	<1.06	<4.10	3.69	<1.52	3.18	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
04U882		11-Sep-95	F48	EWD 012	NC	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
04U882		24-Jun-96	A51	AXUT 009	96U02093	<0.75	25.50	<1.70	<0.76			<1.01	2.47	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
04U882		09-Sep-96	A52	AZAD 006	96U03776	9.38	32.00	<1.70	<0.76			8.26	2.91	<0.78	1.00	<1.10	<0.99	9.47	<1.00	<1.00	<7.40					
04U883		23-Mar-94	F42	IUW 011	62588	<1.00	2.49	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
04U883		24-Mar-94	M42			<0.20	3.30	<0.50		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	0.20	1.00		0.50	1.10
04U883		24-Mar-94	M42			<0.20	3.30	<0.50		<0.20	<0.10	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	0.20	1.00		0.50	1.10
04U883		27-Mar-95	F46	DSE 013	5131-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
110485		09-Jun-94	F43	IVF 007	124850	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
110485		21-Mar-95	F46	DRX 012	5093-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
112344		20-Mar-94	F42	IUQ 011	58963	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.58	<1.30	<0.72	<1.00	<1.00	<3.20					
112344	(4)	20-Mar-94	F42	IUQ 012	58963	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
151568		21-Mar-94	F42	IUQ 019	58963	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.62	<1.30	<0.72	<1.00	<1.00	<3.20					
156076		18-Mar-94	F42	IUK 012	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.32	<1.30	<0.72	<1.00	<1.00	<3.20					
161432		22-Mar-94	F42	IUU 018	62588	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.29	<1.30	<0.72	<1.00	<1.00	<3.20					
200076		22-Mar-94	F42	IUR 012	60178	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.72	<1.30	<0.72	<1.00	<1.00	<3.20					
200076		25-Mar-94	F42	IUV 015	64629	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.40	<1.30	<0.72	<1.00	<1.00	<3.20					
200076		21-Mar-95	F46	DRX 014	5093-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
200149		21-Mar-94	F42	IUQ 021	59226	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	0.60	<1.00	<0.78	0.59	<1.30	<0.72	<1.00	<1.00	<3.20					
200154		27-Jun-96	A51	AXVC 009	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
200173		22-Mar-94	F42	IUR 011	60178	<1.00	3.13	<1.00	12.60		3.82	1.51	<1.00	<1.00	3.29	0.58	<1.30	<0.72	<1.00	<1.00	<3.20					
200524		10-Apr-95	S47				17.00	0.10		0.20	<0.20		1.00		0.60											
200524		28-Jun-96	A51	AXVC 020	NC	<0.75	29.50	<1.70	<0.76			<1.01	2.12	<0.78	1.02	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
200525		25-Mar-94	F42	IUU 011	NC	<1.00	0.39	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.29	<1.30	<0.72	<1.00	<1.00	<3.20					
200803		10-Apr-95	S47				24.00	2.10		0.20	<0.20		1.00		0.80											
200803		28-Jun-96	A51	AXVC 019	NC	<0.75	23.30	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
200804		28-Jun-96	A51	AXVC 018	NC	<0.75	32.20	<1.70	<0.76			<1.01	2.35	<0.78	1.20	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
200812		10-Jun-94	F43	IVH 004	125865	<2.00	84.00	3.70	0.63			<3.80	11.00	<2.00	3.00	<1.00	<2.60	<1.40	<2.00	<2.00	<6.40					
200812		09-Sep-94	F44	IVT 013	NC	<1.00	73.00	2.50	0.42			<1.90	6.70	<1.00	2.04	0.93	<1.30	<0.72	<1.00	<1.00	<3.20					
200812		11-Sep-95	F48	EWD 008	NC	<2.41	56.30	2.14		<0.89	<1.06	<4.10	7.43	<1.52	<0.97	<3.94	<1.20	<1.08	<3.94	<4.47	<1.41					
200812		27-Jun-96	A51	AXVC 007	NC	<0.75	96.90	5.07	<0.76			<1.01	10.10	<0.78	3.49	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
206688		30-Mar-94	F42	IUX 006	67253	<1.00	13.40	0.96	<0.50		<0.30	<1.90	2.97	<1.00	1.02	0.43	<1.30	<0.72	<1.00	<1.00	<3.20					
206688		03-Jul-96	A52	AXWS 007	NC	<0.75	9.27	<1.70	<0.76			<1.01	1.56	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
206754		17-Mar-94	F42	IUL 007	57428	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.35	<1.30	<0.72	<1.00	<1.00	<3.20					
206756		17-Mar-94	F42	IUL 008	57428	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.42	<1.30	<0.72	<1.00	<1.00	<3.20					
206763		23-Mar-94	F42	IUT 010	60755	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.30	<1.30	<0.72	<1.00	<1.00	<3.20					
206763	(4)	23-Mar-94	F42	IUT 011	60755	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.31	<1.30	<0.72	<1.00	<1.00	<3.20					
206766		20-Mar-94	F42	IUQ 007	58963	<1.00	0.47	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.52	<1.30	<0.72	<1.00	<1.00	<3.20					
206787		09-Jun-94	F43	IVF 008	124850	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
206791		21-Mar-95	F46	DRX 013	5093-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
206792		22-Mar-94	F42	IUU 022	62588	0.87	540.00	18.70	2.51			<1.90	70.60	0.70	16.50	1.30	<1.30	0.61	<1.00	<1.00	<3.20					
206792		21-Mar-95	F46	DRX 007	5093-01	<2.41	310.00	21.60		1.89	<1.06	<4.10	41.00	<1.52	11.50	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
206793		22-Mar-94	F42	IUU 023	62588	<10.00	640.00	21.00	4.50			<19.00	99.00	<10.00	22.00	<5.00	<13.00	<7.20	<10.00	<10.00	<32.00					
206793		21-Mar-95	F46	DRX 008	5093-01	<2.41	220.00	16.70		1.41	<1.06	<4.10	34.30	<1.52	8.88	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
206794		22-Mar-94	F42	IUU 013	62588	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
206795		22-Mar-94	F42	IUU 016	62588	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.29	<1.30	<0.72	<1.00	<1.00	<3.20					
206795		21-Mar-95	F46	DRX 006	5093-01	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
206796		22-Mar-94	F42	IUU 014	62588	<5.00	260.00	9.20	2.40			<9.50	29.00	<5.00	10.00	<2.50	<6.50	<3.60	<5.00	<5.00	<16.00					
206796		21-Mar-95	F46	DRX 009	5093-01	<2.41	130.00	8.04		<0.89	<1.06	<4.10	17.90	<1.52	4.59	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
206796		28-Jun-96	A51	AXVC 014	NC	<0.75	130.00	7.25	1.09			<1.01	13.50	<0.78	4.71	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
206797		22-Mar-94	F42	IUU 015	62588	<5.00	190.00	8.10	<2.50			<9.50	29.00	<5.00	7.90	1.60	<6.50	<3.60	<5.00	<5.00	<16.00					
206797		21-Mar-95	F46	DRX 011	5093-01	<2.41	110.00	7.69		<0.89	<1.06	<4.10	18.40	<1.52	3.21	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
206797		28-Jun-96	A51	AXVC 015	NC	<0.75	101.00	5.36	<0.76			<1.01	12.90	<0.78	3.30	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
234301		22-Mar-94	F42	IUT 004	60755	<1.00	2.34	<1.00	0.51		<0.30	<1.90	<1.00	<1.00	0.68	0.33	<1.30	<0.72	<1.00	0.81	<3.20					
234301	(4)	22-Mar-94	F42	IUT 005	60755	<1.00	2.12	<1.00	0.44		0.31	<1.90	<1.00	<1.00	0.71	0.29	<1.30	<0.72	<1.00	<1.00	<3.20					
234304		04-Feb-94	M42			<0.20	<0.10	<0.50		<0.20	<0.10	<1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	<0.20	<0.20		<0.20	<0.20
234306		20-Mar-94	F42	IUQ 008	58963	<1.00	0.47	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.70	<1.30	<0.72	<1.00	<1.00	<3.20					
234307		04-Feb-94	M42			<0.20	<0.10	<0.50		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.20	<0.20	<0.50	<0.20	<0.20		<0.20	<0.20
234307		22-Mar-94	F42	IUT 008	60755	<1.00	<0.50	<1.00	<0.50		0.16	<1.90	<1.00	<1.00	<0.78	0.29	<1.30	<0.72	<1.00	<1.00	<3.20					
234308		24-Mar-94	F42	IUS 004	63282	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.52	<1.30	<0.72	<1.00	<1.00	<3.20					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
234310		20-Mar-94	F42	IUQ 010	58963	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.58	<1.30	<0.72	<1.00	<1.00	<3.20					
234311		20-Mar-94	F42	IUQ 005	58963	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.70	<1.30	<0.72	<1.00	<1.00	<3.20					
234312		20-Mar-94	F42	IUQ 009	58963	<1.00	0.68	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.47	<1.30	<0.72	<1.00	<1.00	<3.20					
234313		22-Mar-94	F42	IUT 007	60755	<1.00	<0.50	<1.00	<0.50		0.24	<1.90	<1.00	<1.00	<0.78	0.35	<1.30	<0.72	<1.00	<1.00	<3.20					
234318		21-Mar-94	F42	IUQ 018	58963	<1.00	0.51	<1.00	<0.50		0.16	<1.90	0.61	<1.00	<0.78	0.39	<1.30	<0.72	<1.00	<1.00	<3.20					
234331		20-Mar-94	F42	IUQ 006	58963	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.59	<1.30	<0.72	<1.00	<1.00	<3.20					
234334		17-Mar-94	F42	IUK 015	57428	<1.00	6.31	<1.00	<0.50		<0.30	<1.90	1.34	<1.00	0.49	0.53	<1.30	<0.72	<1.00	<1.00	<3.20					
234345		22-Mar-94	F42	IUR 006	60127	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.48	<1.30	<0.72	<1.00	<1.00	<3.20					
234350		18-Mar-94	F42	IUL 011	57428	<1.00	110.00	1.03	4.93		<0.30	<1.90	<1.00	<1.00	1.34	0.46	<1.30	<0.72	<1.00	<1.00	<3.20					
234350	(4)	18-Mar-94	F42	IUL 012	57428	<1.00	110.00	1.15	5.19		<0.30	<1.90	1.78	<1.00	1.43	0.57	<1.30	<0.72	<1.00	<1.00	<3.20					
234352		07-Jun-94	F43	IVE 004	124044	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	3.16	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
234352		07-Jun-94	F43	IVF 005	124044	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	3.13	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
234352		27-Jun-96	A51	AXUW 016	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	6.55	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
234356		21-Mar-94	F42	IUQ 013	58963	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	0.58	<1.00	<0.78	0.55	<1.30	<0.72	<1.00	<1.00	<3.20					
234356		27-Jun-96	A51	AXUW 014	NC	<0.75	<0.56	<1.70	<0.76			<1.01	2.02	<0.78	0.84	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
234356	(4)	27-Jun-96	A51	AXUW 015	NC	<0.75	<0.56	<1.70	<0.76			<1.01	2.00	<0.78	0.83	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
234357		18-Mar-94	F42	IUL 009	57428	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	0.74	0.43	<1.30	<0.72	<1.00	<1.00	<3.20					
234368		17-Mar-94	F42	IUK 005	56294	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
234368		17-Mar-94	F42	IUJ 010	56294	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.45	<1.30	<0.72	<1.00	<1.00	<3.20					
234372		21-Mar-94	F42	IUP 015	58742	<1.00	1.58	<1.00	8.74		1.02	<1.90	<1.00	<1.00	<0.78	0.53	<1.30	<0.72	<1.00	<1.00	<3.20					
234374		20-Mar-94	F42	IUQ 004	58963	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.58	<1.30	<0.72	<1.00	<1.00	<3.20					
234377		17-Mar-94	F42	IUI 011	56197	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
234377		18-Mar-94	F42	IUK 009	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.38	<1.30	<0.72	<1.00	<1.00	<3.20					
234394		22-Mar-94	F42	IUR 008	60127	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.67	<1.30	<0.72	<1.00	<1.00	<3.20					
234421		18-Mar-94	F42	IUL 010	57428	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.56	<1.30	<0.72	<1.00	<1.00	3.29					
234426		17-Mar-94	F42	IUI 013	56197	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.32	<1.30	<0.72	<1.00	<1.00	<3.20					
234429		21-Mar-94	F42	IUQ 016	58936	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.49	<1.30	<0.72	<1.00	<1.00	<3.20					
234449		17-Mar-94	F42	IUJ 004	56197	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.36	<1.30	<0.72	<1.00	<1.00	<3.20					
234450		17-Mar-94	F42	IUI 014	56197	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.38	<1.30	<0.72	<1.00	<1.00	<3.20					
234507		17-Mar-94	F42	IUK 006	56294	<1.00	0.70	<1.00	0.69		<0.30	<1.90	<1.00	<1.00	0.83	1.88	<1.30	<0.72	<1.00	<1.00	<3.20					
234546		25-Mar-94	F42	IUV 013	64629	<1.00	40.90	1.44	0.46			<1.90	3.78	<1.00	1.62	0.44	<1.30	<0.72	<1.00	<1.00	<3.20					
234546		21-Mar-95	F46	DRX 016	5093-01 (5)	<2.41	(6) 32.70	1.42		<0.89	<1.06	<4.10	3.06	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
234546	(4)	21-Mar-95	F46	DRX 017	5093-01 (5)	<2.41	(6) 8.02	1.42		<0.89	<1.06	<4.10	3.06	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
234546		27-Jun-96	A51	AXVC 006	NC	<0.75	44.60	<1.70	<0.76			<1.01	3.65	<0.78	1.58	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
234547		25-Mar-94	F42	IUV 014	64629	<1.00	24.50	1.14	<0.50			<1.90	1.57	<1.00	1.63	0.36	<1.30	<0.72	<1.00	1.97	<3.20					
234547		21-Mar-95	F46	DRX 015	5093-01	<2.41	7.29	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
234547		27-Jun-96	A51	AXVC 005	NC	<0.75	1.96	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
234549		17-Mar-94	F42	IUL 005	57428	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.39	<1.30	<0.72	<1.00	<1.00	<3.20					
234549		28-Jun-96	A51	AXVC 013	NC	<0.75	<0.56	<1.70	<0.76			<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40					
234571		24-Mar-94	F42	IUT 017	62685	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.45	<1.30	<0.72	<1.00	<1.00	2.94					

TABLE II - 2
Groundwater Quality Data (Organics) - ug/l (1)

Well		Date	Qtr (2)	IRDMIS Lot #	Trip Blank Lab #	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN	OXYLEN	M&PXYL
TCAAP GW Action Criteria - ug/l (3)						0.70	2.80	0.24		70.00	70.00	0.02	22.00	3.00	70.00	0.40	3.00	0.19	6.00			0.70	2000.00	440.00		
234571	(4)	24-Mar-94	F42	IUT 018	62685	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.44	<1.30	<0.72	<1.00	<1.00	3.46					
242207		17-Mar-94	F42	IUJ 009	56294	10.90	2.63	<1.00	1.10		<0.30	<1.90	0.75	<1.00	<0.78	0.55	<1.30	<0.72	<1.00	<1.00	<3.20					
242219		23-Mar-94	F42	IUR 018	61212	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	99.00	<1.30	<0.72	<1.00	<1.00	<3.20					
249003		18-Mar-94	F42	IUK 013	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.34	<1.30	<0.72	<1.00	<1.00	<3.20					
249004		22-Mar-94	F42	IUR 007	60127	<1.00	<0.50	<1.00	1.45		<0.30	<1.90	<1.00	<1.00	<0.78	0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
249134		24-Mar-94	F42	IUT 014	62685	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	1.07	<1.30	<0.72	<1.00	<1.00	<3.20					
249137		24-Mar-94	F42	IUT 015	62685	<1.00	<0.50	<1.00	<0.50		(6) 0.19	<1.90	<1.00	<1.00	<0.78	0.36	<1.30	<0.72	<1.00	<1.00	<3.20					
249137	(4)	24-Mar-94	F42	IUT 016	62685	<1.00	<0.50	<1.00	<0.50		(6) 0.38	<1.90	<1.00	<1.00	<0.78	0.33	<1.30	<0.72	<1.00	<1.00	<3.20					
249139		30-Mar-94	F42	IUX 007	67253	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.31	<1.30	<0.72	<1.00	<1.00	<3.20					
249143		21-Mar-94	F42	IUP 016	58742	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.26	<1.30	<0.72	<1.00	0.95	<3.20					
249144		25-Mar-94	F42	IUU 010	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.31	<1.30	<0.72	<1.00	<1.00	<3.20					
249145		23-Mar-94	F42	IUR 016	61190	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.70	<1.30	<0.72	<1.00	<1.00	<3.20					
249147		18-Mar-94	F42	IUK 011	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
249148		25-Mar-94	F42	IUU 009	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.27	<1.30	<0.72	<1.00	<1.00	<3.20					
249149		18-Mar-94	F42	IUK 014	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.28	<1.30	<0.72	<1.00	<1.00	<3.20					
249152		21-Mar-94	F42	IUP 017	58742	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.34	<1.30	<0.72	<1.00	<1.00	<3.20					
249153		21-Mar-94	F42	IUQ 014	58963	<1.00	0.51	<1.00	<0.50		<0.30	<1.90	1.72	<1.00	0.43	0.63	<1.30	<0.72	<1.00	<1.00	<3.20					
249159		21-Mar-94	F42	IUP 014	58742	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.40	<1.30	<0.72	<1.00	<1.00	<3.20					
249160		23-Mar-94	F42	IUR 015	61190	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.56	<1.30	<0.72	<1.00	<1.00	<3.20					
249186		17-Mar-94	F42	IUJ 011	56294	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
249196		21-Mar-94	F42	IUS 012	59013	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	0.29	<1.30	<0.72	<1.00	<1.00	<3.20					
249199		17-Mar-94	F42	IUK 004	56294	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	0.49	1.24	<1.30	<0.72	<1.00	<1.00	<3.20					
249200		17-Mar-94	F42	IUJ 008	56294	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	0.54	<1.00	<0.78	0.36	<1.30	<0.72	<1.00	<1.00	<3.20					
249601		21-Mar-94	F42	IUQ 022	59226	<1.00	0.70	<1.00	0.39		<0.30	<1.90	<1.00	<1.00	<0.78	1.38	<1.30	<0.72	<1.00	<1.00	<3.20					
249601	(4)	21-Mar-94	F42	IUR 004	59226	11.90	0.85	<1.00	0.50		<0.30	<1.90	<1.00	<1.00	0.80	1.67	<1.30	<0.72	<1.00	<1.00	<3.20					
249603		17-Mar-94	F42	IUJ 006	56294	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	(6) 0.41	<1.30	<0.72	<1.00	<1.00	<3.20					
249603	(4)	17-Mar-94	F42	IUJ 007	56294	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	(6) 0.32	<1.30	<0.72	<1.00	<1.00	<3.20					
249608		18-Mar-94	F42	IUK 008	57258	<1.00	1.30	<1.00	0.85		0.69	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
249630		22-Mar-94	F42	IUT 009	60755	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.28	<1.30	<0.72	<1.00	<1.00	<3.20					
249631		23-Mar-94	F42	IUT 012	60755	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.35	<1.30	<0.72	<1.00	<1.00	<3.20					
249632		17-Mar-94	F42	IUL 006	57428	<1.00	0.82	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.28	<1.30	<0.72	<1.00	<1.00	<3.20					
249635		18-Mar-94	F42	IUK 010	NC	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.54	<1.30	<0.72	<1.00	<1.00	<3.20					
249636		17-Mar-94	F42	IUI 012	56197	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.27	<1.30	<0.72	<1.00	<1.00	<3.20					
249638		22-Mar-94	F42	IUR 010	60127	<1.00	1.32	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	0.43	<1.30	<0.72	<1.00	<1.00	<3.20					
249639		24-Mar-94	F42	IUS 005	63282	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	(6) 0.75	<1.30	<0.72	<1.00	<1.00	<3.20					
249639	(4)	24-Mar-94	F42	IUS 006	63282	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	0.53	<0.78	(6) 0.58	<1.30	1.65	<1.00	<1.00	<3.20					

Table II-3

Groundwater Quality Data (Inorganics)

Notes:

(1) The parameters are grouped by the following chemical categories as separated by vertical lines: Category 2, Category 3, Category 4, Category 8, Category 9, and Category 10.

(2) Qtr = Quarter. Under this heading, F = FCC; A = Alliant Techsystems Inc.; and M = MPCA.

(3) TCAAP GW Action Criteria = groundwater action criteria set forth in Table 3.7A of the Federal Facilities Agreement.

(4) Duplicate sample collected for QA/QC purposes.

(5) Field blank collected at this location. See Appendix C.2 for FY 1996 field blank data.

(6) These entries are the lot and sample numbers for the corresponding data points.

NC Trip blank not collected.

Shading denotes FY 1996 exceedances or potential exceedances of TCAAP action criteria. Exceedances are concentrations greater than the TCAAP action criteria. Potential exceedances are values reported as "less than the method detection limit," where the method detection limit is greater than the TCAAP action criteria.

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U035			09-Mar-94	F42													
01U035	(6)		09-Mar-94														
01U036			09-Mar-94	F42													
01U036	(6)		09-Mar-94														
01U038	(5)	48275	09-Mar-94	F42		<3.00	103.00		<5.00	<15.00			<5.00	<4.00			
01U038	(6)		09-Mar-94			EAX 003	IQB 020		IQB 020	IQB 020			EOQ 022	EBX 021			
01U038			08-Sep-94	F44	<12.50						<20.00	862.00			<37.10	<75.00	<100.00
01U038	(6)		08-Sep-94		IQR 018						IQR 018	IQR 018			IQR 018	IQR 018	IQR 018
01U039		48232	09-Mar-94	F42		<3.00	<20.00		<5.00	<15.00			<5.00	<4.00			
01U039	(6)		09-Mar-94			EAX 023	IQB 023		IQB 023	IQB 023			EOQ 023	EBX 022			
01U039			08-Sep-94	F44	<12.50						<20.00	8.03			<37.10	<75.00	<100.00
01U039	(6)		08-Sep-94		IQS 005						IQS 005	IQS 005			IQS 005	IQS 005	IQS 005
01U040		NC	07-Mar-94	F42		<3.00	32.30		<5.00	<15.00			<5.00	<4.00			
01U040	(6)		07-Mar-94			EAY 009	IQC 011		IQC 011	IQC 011			EOS 009	EBY 009			
01U040		208191	06-Sep-94	F44	<12.50						<20.00	<5.11			<37.10	<75.00	<100.00
01U040	(6)		06-Sep-94		IQR 004						IQR 004	IQR 004			IQR 004	IQR 004	IQR 004
01U041		48275	08-Mar-94	F42		<3.00	26.20		<5.00	<15.00			<5.00	<4.00			
01U041	(6)		08-Mar-94			EAX 006	IQB 005		IQB 005	IQB 005			EOQ 006	EBX 023			
01U041		208191	06-Sep-94	F44	<12.50						<20.00	70.30			<37.10	<75.00	<100.00
01U041	(6)		06-Sep-94		IQR 008						IQR 008	IQR 008			IQR 008	IQR 008	IQR 008
01U045			22-Mar-94	F42													
01U045	(6)		22-Mar-94														
01U045			08-Mar-95	F46													
01U045	(6)		08-Mar-95														
01U045		NC	19-Jun-96	C51													
01U045	(6)		19-Jun-96														
01U063		48275	09-Mar-94	F42		<3.00	54.40		<5.00	<15.00			<5.00	<4.00			
01U063	(6)		09-Mar-94			EAX 022	IQB 021		IQB 021	IQB 021			EOQ 003	EBX 003			
01U063			08-Sep-94	F44	<12.50						<20.00	218.00			<37.10	<75.00	<100.00
01U063	(6)		08-Sep-94		IQS 004						IQS 004	IQS 004			IQS 004	IQS 004	IQS 004

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U035			09-Mar-94	F42	<0.74									
01U035	(6)		09-Mar-94		IJL 031									
01U036			09-Mar-94	F42	<0.74									
01U036	(6)		09-Mar-94		IJL 030									
01U038	(5)	48275	09-Mar-94	F42	<0.74					15.30	<1.00			<20.00
01U038	(6)		09-Mar-94		IJL 027					IQB 020	EOP 022			IQB 020
01U038			08-Sep-94	F44									<30.90	
01U038	(6)		08-Sep-94										IQR 018	
01U039		48232	09-Mar-94	F42	<0.74					18.30	<1.00			<20.00
01U039	(6)		09-Mar-94		IJL 029					IQB 023	EOP 023			IQB 023
01U039			08-Sep-94	F44									<30.90	
01U039	(6)		08-Sep-94										IQS 005	
01U040		NC	07-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U040	(6)		07-Mar-94		IJM 009					IQC 011	EOR 009			IQC 011
01U040		208191	06-Sep-94	F44									<30.90	
01U040	(6)		06-Sep-94										IQR 004	
01U041		48275	08-Mar-94	F42	<0.74					35.60	<1.00			<20.00
01U041	(6)		08-Mar-94		IJL 007					IQB 005	EOP 006			IQB 005
01U041		208191	06-Sep-94	F44									<30.90	
01U041	(6)		06-Sep-94										IQR 008	
01U045			22-Mar-94	F42					58.10					
01U045	(6)		22-Mar-94						ISB 008					
01U045			08-Mar-95	F46					26.10					
01U045	(6)		08-Mar-95						DSD 004					
01U045		NC	19-Jun-96	C51		<5.00	44.70	<50.00	2000.00					
01U045	(6)		19-Jun-96			AXSG 005	AXXB 005	AXUA 002	AXSA 006					
01U063		48275	09-Mar-94	F42	<0.74					13.20	<1.00			<20.00
01U063	(6)		09-Mar-94		IJL 028					IQB 021	EOP 003			IQB 021
01U063			08-Sep-94	F44									<30.90	
01U063	(6)		08-Sep-94										IQS 004	

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U067		48275	08-Mar-94	F42		<3.00	24.20		<5.00	<15.00			<5.00	<4.00			
01U067	(6)		08-Mar-94			EAX 002	IQB 004		IQB 004	IQB 004			EOQ 002	EBX 002			
01U067		208191	06-Sep-94	F44	<12.50						<20.00	<5.11			<37.10	<75.00	<100.00
01U067	(6)		06-Sep-94		IQR 007						IQR 007	IQR 007			IQR 007	IQR 007	IQR 007
01U100			26-Jan-94	M42	1.00	5.00	110.00	<0.20	<0.20	0.60	2.00	2700.00	10.00	<2.00	<6.00	<5.00	5.00
01U101			26-Jan-94	M42	<1.00	<2.00	10.00	<0.20	<0.20	0.80	<1.00	20.00	<6.00	<2.00	<6.00	<5.00	<2.00
01U102		NC	11-Mar-94	F42		<3.00	160.00		<5.00	<15.00			10.40	<4.00			
01U102	(6)		11-Mar-94			EAY 018	IQC 020		IQC 020	IQC 020			EOS 018	EBY 018			
01U102		NC	12-Sep-94	F44	<12.50						<20.00	90.40			<37.10	<75.00	<100.00
01U102	(6)		12-Sep-94		IQS 016						IQS 016	IQS 016			IQS 016	IQS 016	IQS 016
01U103			07-Mar-94	M42		<2.00									79.00		<2.00
01U103		NC	07-Mar-94	F42		<3.00	106.00		<5.00	<15.00			<5.00	<4.00			
01U103	(6)		07-Mar-94			EAY 003	IQC 006		IQC 006	IQC 006			EOS 003	EBY 003			
01U103		124044	07-Jun-94	F43													<100.00
01U103	(6)		07-Jun-94														IQK 004
01U103		208191	07-Sep-94	F44	<12.50						<20.00	<5.11			127.00	<75.00	<100.00
01U103	(6)		07-Sep-94		IQP 005						IQP 005	IQP 005			IQP 005	IQP 005	IQP 005
01U104		48275	08-Mar-94	F42		<3.00	103.00		<5.00	<15.00			5.90	<4.00			
01U104	(6)		08-Mar-94			EAX 014	IQB 013		IQB 013	IQB 013			EOQ 014	EBX 013			
01U104		208191	07-Sep-94	F44	<12.50						<20.00	502.00			<37.10	<75.00	<100.00
01U104	(6)		07-Sep-94		IQP 007						IQP 007	IQP 007			IQP 007	IQP 007	IQP 007
01U105		48275	09-Mar-94	F42		<3.00	29.20		<5.00	<15.00			<5.00	<4.00			
01U105	(6)		09-Mar-94			EAX 021	IQB 022		IQB 022	IQB 022			EOQ 021	EBX 020			
01U105			08-Sep-94	F44	<12.50						<20.00	146.00			<37.10	<75.00	<100.00
01U105	(6)		08-Sep-94		IQR 017						IQR 017	IQR 017			IQR 017	IQR 017	IQR 017
01U106		48275	08-Mar-94	F42		<3.00	37.30		<5.00	<15.00			<5.00	<4.00			
01U106	(6)		08-Mar-94			EAX 012	IQB 011		IQB 011	IQB 011			EOQ 012	EBX 011			
01U106		208191	07-Sep-94	F44	<12.50						<20.00	20.10			<37.10	<75.00	<100.00
01U106	(6)		07-Sep-94		IQP 004						IQP 004	IQP 004			IQP 004	IQP 004	IQP 004

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U067		48275	08-Mar-94	F42	<0.74					21.40	<1.00			<20.00
01U067	(6)		08-Mar-94		IJL 004					IQB 004	EOP 002			IQB 004
01U067		208191	06-Sep-94	F44									<30.90	
01U067	(6)		06-Sep-94										IQR 007	
01U100			26-Jan-94	M42	<0.20					50.00				4.00
01U101			26-Jan-94	M42	<0.20					<10.00				4.00
01U102		NC	11-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U102	(6)		11-Mar-94		IJM 022					IQC 020	EOR 018			IQC 020
01U102		NC	12-Sep-94	F44									<30.90	
01U102	(6)		12-Sep-94										IQS 016	
01U103			07-Mar-94	M42										
01U103		NC	07-Mar-94	F42	<0.74					32.60	<1.00			<20.00
01U103	(6)		07-Mar-94		IJM 004					IQC 006	EOR 003			IQC 006
01U103		124044	07-Jun-94	F43										
01U103	(6)		07-Jun-94											
01U103		208191	07-Sep-94	F44									<30.90	
01U103	(6)		07-Sep-94										IQP 005	
01U104		48275	08-Mar-94	F42	<0.74					13.20	<1.00			<20.00
01U104	(6)		08-Mar-94		IJL 017					IQB 013	EOP 014			IQB 013
01U104		208191	07-Sep-94	F44									<30.90	
01U104	(6)		07-Sep-94										IQP 007	
01U105		48275	09-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U105	(6)		09-Mar-94		IJL 024					IQB 022	EOP 021			IQB 022
01U105			08-Sep-94	F44									<30.90	
01U105	(6)		08-Sep-94										IQR 017	
01U106		48275	08-Mar-94	F42	<0.74					14.20	<1.00			<20.00
01U106	(6)		08-Mar-94		IJL 013					IQB 011	EOP 012			IQB 011
01U106		208191	07-Sep-94	F44									<30.90	
01U106	(6)		07-Sep-94										IQP 004	

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U107		48275	08-Mar-94	F42		<3.00	252.00		<5.00	<15.00			<5.00	<4.00			
01U107	(6)		08-Mar-94			EAX 010	IQB 009		IQB 009	IQB 009			EOQ 010	EBX 009			
01U107		208191	06-Sep-94	F44	<12.50						<20.00	116.00			<37.10	<75.00	<100.00
01U107	(6)		06-Sep-94		IQR 012						IQR 012	IQR 012			IQR 012	IQR 012	IQR 012
01U108		53384	15-Mar-94	F42		<3.00	61.50		<5.00	<15.00			<5.00	<4.00			
01U108	(6)		15-Mar-94			EAZ 011	IQE 014		IQE 014	IQE 014			EOX 012	EQA 012			
01U108		208191	07-Sep-94	F44	<12.50						<20.00	1300.00			<37.10	<75.00	<100.00
01U108	(6)		07-Sep-94		IQP 011						IQP 011	IQP 011			IQP 011	IQP 011	IQP 011
01U109		48275	08-Mar-94	F42		<3.00	101.00		<5.00	<15.00			<5.00	<4.00			
01U109	(6)		08-Mar-94			EAX 016	IQB 015		IQB 015	IQB 015			EOQ 016	EBX 015			
01U109			07-Sep-94	F44	<12.50						<20.00	238.00			<37.10	<75.00	<100.00
01U109	(6)		07-Sep-94		IQP 009						IQP 009	IQP 009			IQP 009	IQP 009	IQP 009
01U110		48275	08-Mar-94	F42		<3.00	28.20		<5.00	<15.00			<5.00	<4.00			
01U110	(6)		08-Mar-94			EAX 015	IQB 014		IQB 014	IQB 014			EOQ 015	EBX 014			
01U110			07-Sep-94	F44	<12.50						<20.00	64.30			<37.10	<75.00	<100.00
01U110	(6)		07-Sep-94		IQP 008						IQP 008	IQP 008			IQP 008	IQP 008	IQP 008
01U115		48771	10-Mar-94	F42		<3.00	32.30		<5.00	<15.00			<5.00	<4.00			
01U115	(6)		10-Mar-94			EAZ 009	IQE 009		IQE 009	IQE 009			EOX 010	EQA 010			
01U115		NC	09-Sep-94	F44	<12.50						<20.00	18.10			<37.10	<75.00	<100.00
01U115	(6)		09-Sep-94		IQS 023						IQS 023	IQS 023			IQS 023	IQS 023	IQS 023
01U116		48275	09-Mar-94	F42		<3.00	57.50		<5.00	<15.00			<5.00	<4.00			
01U116	(6)		09-Mar-94			EAX 020	IQB 019		IQB 019	IQB 019			EOQ 020	EBX 019			
01U116			08-Sep-94	F44	<12.50						<20.00	66.30			<37.10	<75.00	<100.00
01U116	(6)		08-Sep-94		IQR 016						IQR 016	IQR 016			IQR 016	IQR 016	IQR 016
01U117	(5)	NC	10-Mar-94	F42		<3.00	112.00		<5.00	<15.00			<5.00	<4.00			
01U117	(6)		10-Mar-94			EAY 013	IQC 015		IQC 015	IQC 015			EOS 013	EBY 013			
01U117	(5)	NC	09-Sep-94	F44	<12.50						<20.00	231.00			<37.10	<75.00	<100.00
01U117	(6)		09-Sep-94		IQT 006						IQT 006	IQT 006			IQT 006	IQT 006	IQT 006
01U118		48275	08-Mar-94	F42		<3.00	42.30		<5.00	<15.00			<5.00	<4.00			

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U107		48275	08-Mar-94	F42	<0.74					15.30	<1.00			<20.00
01U107	(6)		08-Mar-94		IJL 011					IQB 009	EOP 010			IQB 009
01U107		208191	06-Sep-94	F44									<30.90	
01U107	(6)		06-Sep-94										IQR 012	
01U108		53384	15-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U108	(6)		15-Mar-94		IJN 017					IQE 014	EOY 012			IQE 014
01U108		208191	07-Sep-94	F44									<30.90	
01U108	(6)		07-Sep-94										IQP 011	
01U109		48275	08-Mar-94	F42	<0.74					20.30	<1.00			<20.00
01U109	(6)		08-Mar-94		IJL 019					IQB 015	EOP 016			IQB 015
01U109			07-Sep-94	F44									<30.90	
01U109	(6)		07-Sep-94										IQP 009	
01U110		48275	08-Mar-94	F42	<0.74					21.40	<1.00			<20.00
01U110	(6)		08-Mar-94		IJL 018					IQB 014	EOP 015			IQB 014
01U110			07-Sep-94	F44									<30.90	
01U110	(6)		07-Sep-94										IQP 008	
01U115		48771	10-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U115	(6)		10-Mar-94		IJN 012					IQE 009	EOY 010			IQE 009
01U115		NC	09-Sep-94	F44									<30.90	
01U115	(6)		09-Sep-94										IQS 023	
01U116		48275	09-Mar-94	F42	<0.74					13.20	<1.00			<20.00
01U116	(6)		09-Mar-94		IJL 023					IQB 019	EOP 020			IQB 019
01U116			08-Sep-94	F44									<30.90	
01U116	(6)		08-Sep-94										IQR 016	
01U117	(5)	NC	10-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U117	(6)		10-Mar-94		IJM 015					IQC 015	EOR 013			IQC 015
01U117	(5)	NC	09-Sep-94	F44									<30.90	
01U117	(6)		09-Sep-94										IQT 006	
01U118		48275	08-Mar-94	F42	<0.74					19.30	<1.00			<20.00

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U118	(6)		08-Mar-94			EAX 007	IQB 006		IQB 006	IQB 006			EOQ 007	EBX 006			
01U118		208191	06-Sep-94	F44	<12.50						<20.00	15.10			<37.10	<75.00	<100.00
01U118	(6)		06-Sep-94		IQR 009						IQR 009	IQR 009			IQR 009	IQR 009	IQR 009
01U119	(5)	48275	08-Mar-94	F42		<3.00	42.30		<5.00	<15.00			<5.00	<4.00			
01U119	(6)		08-Mar-94			EAX 013	IQB 012		IQB 012	IQB 012			EOQ 013	EBX 012			
01U119		208191	07-Sep-94	F44	<12.50						<20.00	396.00			<37.10	<75.00	<100.00
01U119	(6)		07-Sep-94		IQP 006						IQP 006	IQP 006			IQP 006	IQP 006	IQP 006
01U120		48275	09-Mar-94	F42		<3.00	26.20		<5.00	<15.00			<5.00	<4.00			
01U120	(6)		09-Mar-94			EAX 019	IQB 018		IQB 018	IQB 018			EOQ 019	EBX 018			
01U120			08-Sep-94	F44	<12.50						<20.00	109.00			<37.10	<75.00	<100.00
01U120	(6)		08-Sep-94		IQR 015						IQR 015	IQR 015			IQR 015	IQR 015	IQR 015
01U125		NC	10-Mar-94	F42		<3.00	21.20		<5.00	<15.00			<5.00	<4.00			
01U125	(6)		10-Mar-94			EAY 011	IQC 013		IQC 013	IQC 013			EOS 011	EBY 011			
01U125		NC	09-Sep-94	F44	<12.50						<20.00	8.03			<37.10	<75.00	<100.00
01U125	(6)		09-Sep-94		IQT 004						IQT 004	IQT 004			IQT 004	IQT 004	IQT 004
01U126		48275	09-Mar-94	F42		<3.00	51.40		<5.00	<15.00			<5.00	<4.00			
01U126	(6)		09-Mar-94			EAX 017	IQB 016		IQB 016	IQB 016			EOQ 017	EBX 016			
01U126	(5)	208191	07-Sep-94	F44	<12.50						<20.00	390.00			<37.10	<75.00	<100.00
01U126	(6)		07-Sep-94		IQP 018						IQP 018	IQP 018			IQP 018	IQP 018	IQP 018
01U127		48275	09-Mar-94	F42		<3.00	66.50		<5.00	<15.00			<5.00	<4.00			
01U127	(6)		09-Mar-94			EAX 018	IQB 017		IQB 017	IQB 017			EOQ 018	EBX 017			
01U127		208191	07-Sep-94	F44	<12.50						<20.00	<5.11			<37.10	<75.00	<100.00
01U127	(6)		07-Sep-94		IQP 019						IQP 019	IQP 019			IQP 019	IQP 019	IQP 019
01U128			01-Mar-94	M42	<1.00			<0.20				3000.00	<20.00		<6.00	<5.00	5.00
01U133			07-Mar-94	M42		<2.00									<6.00		<2.00
01U133		NC	07-Mar-94	F42		<3.00	109.00		<5.00	<15.00			<5.00	<4.00			
01U133	(6)		07-Mar-94			EAY 007	IQC 009		IQC 009	IQC 009			EOS 007	EBY 007			
01U133		124044	08-Jun-94	F43													<100.00
01U133	(6)		08-Jun-94														IQK 006
01U133			08-Sep-94	F44	<12.50						<20.00	360.00			<37.10	<75.00	<100.00

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U118	(6)		08-Mar-94		IJL 008					IQB 006	EOP 007			IQB 006
01U118		208191	06-Sep-94	F44									<30.90	
01U118	(6)		06-Sep-94										IQR 009	
01U119	(5)	48275	08-Mar-94	F42	<0.74					16.30	<1.00			<20.00
01U119	(6)		08-Mar-94		IJL 014					IQB 012	EOP 013			IQB 012
01U119		208191	07-Sep-94	F44									<30.90	
01U119	(6)		07-Sep-94										IQP 006	
01U120		48275	09-Mar-94	F42	<0.74					16.30	<1.00			<20.00
01U120	(6)		09-Mar-94		IJL 022					IQB 018	EOP 019			IQB 018
01U120			08-Sep-94	F44									<30.90	
01U120	(6)		08-Sep-94										IQR 015	
01U125		NC	10-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U125	(6)		10-Mar-94		IJM 011					IQC 013	EOR 011			IQC 013
01U125		NC	09-Sep-94	F44									<30.90	
01U125	(6)		09-Sep-94										IQT 004	
01U126		48275	09-Mar-94	F42	<0.74					17.30	<1.00			<20.00
01U126	(6)		09-Mar-94		IJL 020					IQB 016	EOP 017			IQB 016
01U126	(5)	208191	07-Sep-94	F44									<30.90	
01U126	(6)		07-Sep-94										IQP 018	
01U127		48275	09-Mar-94	F42	<0.74					41.70	<1.00			<20.00
01U127	(6)		09-Mar-94		IJL 021					IQB 017	EOP 018			IQB 017
01U127		208191	07-Sep-94	F44									<30.90	
01U127	(6)		07-Sep-94										IQP 019	
01U128			01-Mar-94	M42	<0.20					<20.00				
01U133			07-Mar-94	M42										
01U133		NC	07-Mar-94	F42	<0.74					15.30	<1.00			<20.00
01U133	(6)		07-Mar-94		IJM 005					IQC 009	EOR 007			IQC 009
01U133		124044	08-Jun-94	F43										
01U133	(6)		08-Jun-94											
01U133			08-Sep-94	F44									<30.90	

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U133	(6)		08-Sep-94		IQR 019						IQR 019	IQR 019			IQR 019	IQR 019	IQR 019
01U135		48275	09-Mar-94	F42		<3.00	55.40		<5.00	<15.00			<5.00	<4.00			
01U135	(6)		09-Mar-94			EAY 006	IQC 005		IQC 005	IQC 005			EOS 006	EBY 002			
01U135			08-Sep-94	F44	<12.50						<20.00	133.00			<37.10	<75.00	<100.00
01U135	(6)		08-Sep-94		IQS 009						IQS 009	IQS 009			IQS 009	IQS 009	IQS 009
01U136		48275	09-Mar-94	F42		<3.00	290.00		<5.00	<15.00			42.80	<4.00			
01U136	(6)		09-Mar-94			EAY 002	IQC 004		IQC 004	IQC 004			EOS 002	EBY 006			
01U136			08-Sep-94	F44	<12.50						<20.00	339.00			<37.10	<75.00	<100.00
01U136	(6)		08-Sep-94		IQS 008						IQS 008	IQS 008			IQS 008	IQS 008	IQS 008
01U137		48275	08-Mar-94	F42		<3.00	<20.00		<5.00	<15.00			<5.00	<4.00			
01U137	(6)		08-Mar-94			EAX 008	IQB 007		IQB 007	IQB 007			EOQ 008	EBX 007			
01U137		208191	06-Sep-94	F44	<12.50						<20.00	9.04			<37.10	<75.00	<100.00
01U137	(6)		06-Sep-94		IQR 010						IQR 010	IQR 010			IQR 010	IQR 010	IQR 010
01U138		NC	10-Mar-94	F42		<3.00	41.30		<5.00	<15.00			<5.00	<4.00			
01U138	(6)		10-Mar-94			EAY 010	IQC 012		IQC 012	IQC 012			EOS 010	EBY 010			
01U138		NC	09-Sep-94	F44	<12.50						<20.00	37.10			<37.10	<75.00	<100.00
01U138	(6)		09-Sep-94		IQS 025						IQS 025	IQS 025			IQS 025	IQS 025	IQS 025
01U139		48771	10-Mar-94	F42		<3.00	68.50		<5.00	<15.00			<1.00	<4.00			
01U139	(6)		10-Mar-94			EAY 023	IQC 025		IQC 025	IQC 025			EOS 022	EBY 023			
01U139		NC	09-Sep-94	F44	<12.50						<20.00	468.00			<37.10	<75.00	<100.00
01U139	(6)		09-Sep-94		IQS 021						IQS 021	IQS 021			IQS 021	IQS 021	IQS 021
01U140		NC	07-Mar-94	F42		<3.00	64.50		<5.00	<15.00			<5.00	<4.00			
01U140	(6)		07-Mar-94			EAY 008	IQC 010		IQC 010	IQC 010			EOS 008	EBY 008			
01U140		NC	09-Sep-94	F44	<12.50						<20.00	312.00			<37.10	<75.00	<100.00
01U140	(6)		09-Sep-94		IQS 022						IQS 022	IQS 022			IQS 022	IQS 022	IQS 022
01U141		48275	08-Mar-94	F42		<3.00	<20.00		<5.00	<15.00			<5.00	<4.00			
01U141	(6)		08-Mar-94			EAX 009	IQB 008		IQB 008	IQB 008			EOQ 009	EBX 008			
01U141		208191	06-Sep-94	F44	<12.50						<20.00	<5.11			<37.10	<75.00	<100.00
01U141	(6)		06-Sep-94		IQR 011						IQR 011	IQR 011			IQR 011	IQR 011	IQR 011

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U133	(6)		08-Sep-94										IQR 019	
01U135		48275	09-Mar-94	F42						<13.00	<1.00			<20.00
01U135	(6)		09-Mar-94							IQC 005	EOR 006			IQC 005
01U135			08-Sep-94	F44									<30.90	
01U135	(6)		08-Sep-94										IQS 009	
01U136		48275	09-Mar-94	F42						<13.00	3.08			<20.00
01U136	(6)		09-Mar-94							IQC 004	EOR 002			IQC 004
01U136			08-Sep-94	F44									<30.90	
01U136	(6)		08-Sep-94										IQS 008	
01U137		48275	08-Mar-94	F42	<0.74					13.20	<1.00			<20.00
01U137	(6)		08-Mar-94		IJL 009					IQB 007	EOP 008			IQB 007
01U137		208191	06-Sep-94	F44									<30.90	
01U137	(6)		06-Sep-94										IQR 010	
01U138		NC	10-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U138	(6)		10-Mar-94		IJM 010					IQC 012	EOR 010			IQC 012
01U138		NC	09-Sep-94	F44									<30.90	
01U138	(6)		09-Sep-94										IQS 025	
01U139		48771	10-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U139	(6)		10-Mar-94		IJN 004					IQC 025	EOR 023			IQC 025
01U139		NC	09-Sep-94	F44									<30.90	
01U139	(6)		09-Sep-94										IQS 021	
01U140		NC	07-Mar-94	F42	<0.74					17.30	<1.00			<20.00
01U140	(6)		07-Mar-94		IJM 008					IQC 010	EOR 008			IQC 010
01U140		NC	09-Sep-94	F44									<30.90	
01U140	(6)		09-Sep-94										IQS 022	
01U141		48275	08-Mar-94	F42	<0.74					14.20	<1.00			<20.00
01U141	(6)		08-Mar-94		IJL 010					IQB 008	EOP 009			IQB 008
01U141		208191	06-Sep-94	F44									<30.90	
01U141	(6)		06-Sep-94										IQR 011	

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U157		NC	10-Mar-94	F42		<3.00	54.40		<5.00	<15.00			<5.00	<4.00			
01U157	(6)		10-Mar-94			EAY 012	IQC 014		IQC 014	IQC 014			EOS 012	EBY 012			
01U157		106330	13-May-94	F43		<3.00	98.80		<5.00	<15.00	<20.00		19.10	<4.00			
01U157	(6)		13-May-94			ESM 013	IQJ 015		IQJ 015	IQJ 015	IQJ 015		EWB 013	EQF 013			
01U157	(4)	106330	13-May-94	F43		<3.00	93.80		<5.00	<15.00	<20.00			<4.00			
01U157	(6)		13-May-94			ESM 017	IQJ 019		IQJ 019	IQJ 019	IQJ 019			EQF 017			
01U157		NC	09-Sep-94	F44	<12.50						<20.00	143.00			<37.10	<75.00	<100.00
01U157	(6)		09-Sep-94		IQT 005						IQT 005	IQT 005			IQT 005	IQT 005	IQT 005
01U158		48771	10-Mar-94	F42		<3.00	67.50		<5.00	<15.00			<5.00	<4.00			
01U158	(6)		10-Mar-94			EAZ 013	IQE 008		IQE 008	IQE 008		EOX 009		EQA 009			
01U158		106330	13-May-94	F43		<3.00	82.70		<5.00	<15.00	<20.00		7.96	<4.00			
01U158	(6)		13-May-94			ESM 014	IQJ 016		IQJ 016	IQJ 016	IQJ 016		EWB 014	EQF 014			
01U158			13-May-94	F43			<20.00		<5.00	<15.00	259.00						
01U158	(6)		13-May-94				IQJ 014		IQJ 014	IQJ 014	IQJ 014						
01U158	(4)		13-May-94	F43									15.50				
01U158	(6)		13-May-94										EWB 015				
01U158		NC	09-Sep-94	F44	<12.50						<20.00	318.00			<37.10	<75.00	<100.00
01U158	(6)		09-Sep-94		IQS 024						IQS 024	IQS 024			IQS 024	IQS 024	IQS 024
01U350		NC	27-Oct-93	F41		<6.01	128.00		<5.00	<15.00			<5.32	<1.26			
01U350	(6)		27-Oct-93			JAK 004	IFN 004		IFN 004	IFN 004			GPQ 004	JBJ 004			
01U350		NC	09-Dec-93	F41		<6.01	110.00		<5.00	<15.00			<5.32	7.14			
01U350	(6)		09-Dec-93			JAL 004	IFS 004		IFS 004	IFS 004			GPR 004	JBK 004			
01U350	(5)	13234	27-Jan-94	F42		<12.00	109.00		<5.00	<15.00			<5.00	15.50			
01U350	(6)		27-Jan-94			EAS 002	IFX 004		IFX 004	IFX 004			EJY 002	EBS 002			
01U350		29327	15-Feb-94	F42		<3.00	118.00		<5.00	<15.00			<5.00	25.80			
01U350	(6)		15-Feb-94			EAV 005	IFZ 004		IFZ 004	IFZ 004			EOJ 002	EBV 002			
01U350		53384	15-Mar-94	F42		<3.00	83.70		<5.00	<15.00			<5.00	<4.00			
01U350	(6)		15-Mar-94			EAZ 010	IQE 013		IQE 013	IQE 013			EOX 011	EQA 011			
01U350		83402	21-Apr-94	F43		<3.00	73.60		<5.00	<15.00			<5.00	4.68			
01U350	(6)		21-Apr-94			ESH 002	IQH 004		IQH 004	IQH 004			EVA 003	EQD 003			
01U350		124044	08-Jun-94	F43		<3.00	88.70		<5.00	<15.00			<5.00	<4.00			
01U350	(6)		08-Jun-94			ESN 002	IQK 005		IQK 005	IQK 005			EXA 002	EQG 002			
01U350		208191	07-Sep-94	F44	<12.50						<20.00	166.00			<37.10	<75.00	<100.00
01U350	(6)		07-Sep-94		IQP 010						IQP 010	IQP 010			IQP 010	IQP 010	IQP 010

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U157		NC	10-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U157	(6)		10-Mar-94		IJM 014					IQC 014	EOR 012			IQC 014
01U157		106330	13-May-94	F43	<0.74	<8.17				22.40				
01U157	(6)		13-May-94		IJQ 013	IMG 014				IQJ 015				
01U157	(4)	106330	13-May-94	F43	<0.74	<8.17				13.20				
01U157	(6)		13-May-94		IJQ 019	IMG 017				IQJ 019				
01U157		NC	09-Sep-94	F44									<30.90	
01U157	(6)		09-Sep-94										IQT 005	
01U158		48771	10-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U158	(6)		10-Mar-94		IJN 011					IQE 008	EOY 009			IQE 008
01U158		106330	13-May-94	F43	<0.74	<8.17				16.30				
01U158	(6)		13-May-94		IJQ 016	IMG 015				IQJ 016				
01U158			13-May-94	F43						112.00				
01U158	(6)		13-May-94							IQJ 014				
01U158	(4)		13-May-94	F43										
01U158	(6)		13-May-94											
01U158		NC	09-Sep-94	F44									<30.90	
01U158	(6)		09-Sep-94										IQS 024	
01U350		NC	27-Oct-93	F41			1100.00	15.70	35.30	44.80				
01U350	(6)		27-Oct-93				IAP 004	IIJ 004	GXW 004	IFN 004				
01U350		NC	09-Dec-93	F41			1100.00	24.30	35.00	446.00				
01U350	(6)		09-Dec-93				IAQ 004	IIL 004	GXX 004	IFS 004				
01U350	(5)	13234	27-Jan-94	F42			1200.00	20.20	28.60	49.80				
01U350	(6)		27-Jan-94				IAU 004	IIO 004	GXZ 004	IFX 004				
01U350		29327	15-Feb-94	F42			1100.00	23.30	58.70	207.00				
01U350	(6)		15-Feb-94				IAU 008	IIQ 004	ISA 004	IFZ 004				
01U350		53384	15-Mar-94	F42	<0.74		1100.00	28.90	50.40	16.30	<1.00			<20.00
01U350	(6)		15-Mar-94		IJN 014		IAX 008	IIS 008	ISB 007	IQE 013	EOY 011			IQE 013
01U350		83402	21-Apr-94	F43				13.20	40.60	35.60				
01U350	(6)		21-Apr-94					IIU 004	ISD 004	IQH 004				
01U350		124044	08-Jun-94	F43										
01U350	(6)		08-Jun-94											
01U350		208191	07-Sep-94	F44									<30.90	
01U350	(6)		07-Sep-94										IQP 010	

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U351		NC	11-Mar-94	F42		3.19	37.30		<5.00	<15.00			<5.00	<4.00			
01U351	(6)		11-Mar-94			EAY 017	IQC 019		IQC 019	IQC 019			EOS 017	EBY 017			
01U351		106330	13-May-94	F43		<3.00	38.30		<5.00	<15.00	93.40		20.10	76.00			
01U351	(6)		13-May-94			ESM 003	IQJ 004		IQJ 004	IQJ 004	IQJ 004		EWB 003	EQF 003			
01U351		125210	09-Jun-94	F43	<13.00	<3.00	47.40	<2.50	<5.00	<15.00	20.10	189.00	<5.00	<4.00	<37.10	<75.00	<100.00
01U351	(6)		09-Jun-94		IQKK 004	ESN 006	IQK 007	IQK 007	IQK 007	IQK 007	IQK 007	IQKK 004	EXA 006	EQG 006	IQK 007	IQK 007	IQK 007
01U351		144800	06-Jul-94	F44	<13.00	<62.90	47.40	<2.50	<5.00	<15.00	<20.00	244.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U351	(6)		06-Jul-94		IQL 007	IQL 007	IQL 007	IQL 007	IQL 007	IQL 007	IQL 007	IQL 007	IQL 007	IQL 007	IQL 007	IQL 007	IQL 007
01U351		172073	03-Aug-94	F44	<13.00	<62.90	51.40	<2.50	<5.00	<15.00	<20.00	280.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U351	(6)		03-Aug-94		IQM 004	IQM 004	IQM 004	IQM 004	IQM 004	IQM 004	IQM 004	IQM 004	IQM 004	IQM 004	IQM 004	IQM 004	IQM 004
01U351		208191	07-Sep-94	F44													
01U351	(6)		07-Sep-94														
01U351		207160	07-Sep-94	F44	<12.50	<62.90	65.50	<2.50	<5.00	<15.00	<20.00	333.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U351	(6)		07-Sep-94		IQP 021	IQP 021	IQP 021	IQP 021	IQP 021	IQP 021	IQP 021	IQP 021	IQP 021	IQP 021	IQP 021	IQP 021	IQP 021
01U351			10-Oct-94	F45	<12.50	<62.90	63.50	<2.50	<5.00	<15.00	<20.00	325.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U351	(6)		10-Oct-94		IQU 004	IQU 004	IQU 004	IQU 004	IQU 004	IQU 004	IQU 004	IQU 004	IQU 004	IQU 004	IQU 004	IQU 004	IQU 004
01U351			08-Nov-94	F45	<12.50	<62.90	63.50	<2.50	<5.00	<15.00	<20.00	340.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U351	(6)		08-Nov-94		IQV 005	IQV 005	IQV 005	IQV 005	IQV 005	IQV 005	IQV 005	IQV 005	IQV 005	IQV 005	IQV 005	IQV 005	IQV 005
01U351			05-Dec-94	F45	<62.90	<2.50	56.90	<5.00	<15.00	<120.00	<1250.00	273.00	<37.10	<75.00	<100.00	<20.00	<13.00
01U351	(6)		05-Dec-94		IQW 005	IQW 005	IQW 005	IQW 005	IQW 005	IQW 005	IQW 005	IQW 005	IQW 005	IQW 005	IQW 005	IQW 005	IQW 005
01U351			17-Jan-95	F46	<12.50	<62.90	53.40	<2.50	<5.00	<15.00	<20.00	218.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U351	(6)		17-Jan-95		IQX 005	IQX 005	IQX 005	IQX 005	IQX 005	IQX 005	IQX 005	IQX 005	IQX 005	IQX 005	IQX 005	IQX 005	IQX 005
01U351			08-Feb-95	F46	<1.93				<0.10	<2.18	15.20		<5.94	<2.65			
01U351	(6)		08-Feb-95		DPY 013				DPS 014	DPT 014	DPU 016		DPW 014	DPV 007			
01U351			03-Mar-95	F46								347.00					<2.70
01U351	(6)		03-Mar-95									DRC 004					DRA 004
01U351			03-Apr-95	F47	<1.93	<4.81	100.00	<1.47	<0.10	<2.18	8.57	380.00	17.50	<2.65	<10.00	<3.06	<2.70
01U351	(6)		03-Apr-95		DSR 004	DSI 004	DSJ 004	DSK 004	DSL 004	DSM 004	DSN 004	DSU 004	DSP 004	DSO 004	DSH 004	DSQ 004	DSS 004
01U351			08-May-95	F47	<1.93	<4.81	85.40	<1.47	0.10	5.23	7.63	385.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U351	(6)		08-May-95		DYK 004	DYB 004	DYC 004	DYD 004	DYE 004	DYF 022	DYG 020	DYN 004	DYI 020	DYH 020	DYA 013	DYJ 004	DYL 004
01U351			01-Jun-95	F47	<1.93	<4.81	71.50	<1.47	<0.10	<2.18	4.48	425.00	8.79	3.57	<10.00	<3.06	<2.70
01U351	(6)		01-Jun-95		ECV 014	ECM 004	ECN 014	ECO 004	ECP 004	ECQ 009	ECR 004	ECY 004	ECT 004	ECS 004	ECL 009	ECU 014	ECW 014
01U351			11-Jul-95	F48	<1.93	<4.81	111.00	<1.47	0.26	<2.18	4.80	445.00	<5.94	5.06	<10.00	<3.06	<2.70
01U351	(6)		11-Jul-95		EMW 004	EMN 004	EMO 004	EMP 004	EMQ 021	EMR 021	EMS 004	EMZ 004	EMU 021	EMT 004	EMM 021	EMV 004	EMX 004
01U351			08-Aug-95	F48	<1.93	<4.81	85.30	<1.47	0.71	<2.18	2.94	460.00	8.69	6.33	<10.00	<3.06	<2.70
01U351	(6)		08-Aug-95		ERY 004	ERP 004	ERQ 013	ERR 018	ERS 022	ERT 022	ERU 022	ESB 004	ERW 022	ERV 052	ERO 022	ERX 004	ERZ 004
01U351			07-Sep-95	F48	<1.93	<4.81	82.40	<15.00	0.50	<2.18	6.73	419.00	R <5.94	R 6.43	<10.00	R <3.06	<2.70

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U351		NC	11-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U351	(6)		11-Mar-94		IJM 019					IQC 019	EOR 017			IQC 019
01U351		106330	13-May-94	F43	<0.74	<8.17				3300.00				
01U351	(6)		13-May-94		IJQ 004	IMG 004								
01U351		125210	09-Jun-94	F43	<0.74					162.00				
01U351	(6)		09-Jun-94		IJR 004					IQK 007				
01U351		144800	06-Jul-94	F44	<0.74					71.20				
01U351	(6)		06-Jul-94		IJS 004					IQL 007				
01U351		172073	03-Aug-94	F44	<0.74					60.00				
01U351	(6)		03-Aug-94		IJT 005					IQM 004				
01U351		208191	07-Sep-94	F44									<30.90	
01U351	(6)		07-Sep-94										IQP 017	
01U351		207160	07-Sep-94	F44	<0.74					36.60				
01U351	(6)		07-Sep-94		IJV 004					IQP 021				
01U351			10-Oct-94	F45	<0.74					87.50				
01U351	(6)		10-Oct-94		IJX 004					IQU 004				
01U351			08-Nov-94	F45	<0.74					B 75.30				
01U351	(6)		08-Nov-94		IJY 005					IQV 005				
01U351			05-Dec-94	F45	<0.74					74.10				
01U351	(6)		05-Dec-94		IJZ 005					IQW 005				
01U351			17-Jan-95	F46	<0.74					B 48.80				
01U351	(6)		17-Jan-95		JDA 004					IQX 005				
01U351			08-Feb-95	F46	<0.70					<29.40				
01U351	(6)		08-Feb-95		DQC 008					DQA 014				
01U351			03-Mar-95	F46	<0.70					48.10				
01U351	(6)		03-Mar-95		DRD 006					DRB 004				
01U351			03-Apr-95	F47	<0.70					51.10				
01U351	(6)		03-Apr-95		DSV 006					DST 004				
01U351			08-May-95	F47	<0.70					43.10				
01U351	(6)		08-May-95		DYO 006					DYM 020				
01U351			01-Jun-95	F47	<0.70					65.10				
01U351	(6)		01-Jun-95		ECZ 011					ECX 004				
01U351			11-Jul-95	F48	<0.70					160.00				
01U351	(6)		11-Jul-95		ENA 011					EMY 004				
01U351			08-Aug-95	F48	L <0.70					143.00				
01U351	(6)		08-Aug-95		ESC 022					ESA 018				
01U351			07-Sep-95	F48	<0.70					R 156.00				

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U351	(6)		07-Sep-95		EVR 045	EVI 017	EVJ 041	EVK 114	EVL 017	EVM 006	EVN 140	EVU 004	EVP 055	EVO 041	EVH 012	EVQ 004	EVS 004
01U351		NC	15-Dec-95	C49	<12.50	<62.90	72.60	<2.50	<5.00	<15.00	<20.00	397.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U351	(6)		15-Dec-95		IRM 005	IRM 005	IRM 005	IRM 005	IRM 005	IRM 005	IRM 005	IRM 005	IRM 005	IRM 005	IRM 005	IRM 005	IRM 005
01U351		NC	11-Mar-96	C50	<12.50	<62.90	70.60	<2.50	<5.00	<15.00	<20.00	462.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U351	(6)		11-Mar-96		IRP 005	IRP 005	IRP 005	IRP 005	IRP 005	IRP 005	IRP 005	IRP 005	IRP 005	IRP 005	IRP 005	IRP 005	IRP 005
01U351		NC	19-Jun-96	C51	<10.00	<2.35	73.70	<1.12	<6.78	<16.80	20.60	534.00	<32.10	19.50	<10.00	<2.53	<10.00
01U351	(6)		19-Jun-96		AXQC 005	AXQD 005	AXQC 005	XQC 005	AXQC 005	AXQC 005	AXQC 005	AXQC 005	AXQC 005	AXQE 005	AXQH 003	AXQF 005	AXQG 003
01U351		NC	12-Sep-96	C52	<10.00	2.70	107.00	<1.12	<6.78	<16.80	112.00	606.00	<32.10	33.60	<6.00	<2.53	<5.00
01U351	(6)		12-Sep-96		AYZZ 016	AZAA 016	AYZZ 016	YZZ 016	AYZZ 016	AYZZ 016	AYZZ 016	AYZZ 016	AYZZ 016	AZAB 016	AZAF 027	AZAC 016	AZAE 027
01U352		NC	11-Mar-94	F42		<3.00	55.40		<5.00	<15.00			<5.00	<4.00			
01U352	(6)		11-Mar-94			EAY 016	IQC 018		IQC 018	IQC 018			EOS 016	EBY 016			
01U352		106330	13-May-94	F43		<3.00	40.30		<5.00	<15.00	480.00		14.30	74.00			
01U352	(6)		13-May-94			ESM 002	IQJ 007		IQJ 007	IQJ 007	IQJ 007		EWB 002	EQF 002			
01U352	(4)		13-May-94	F43													
01U352	(6)		13-May-94														
01U352		125210	09-Jun-94	F43	<13.00	<3.00	117.00	<2.50	<5.00	<15.00	20.10	498.00	<5.00	11.60	<37.10	<75.00	<100.00
01U352	(6)		09-Jun-94		IQKK 007	ESN 007	IQK 010	IQK 010	IQK 010	IQK 010	IQK 010	IQKK 007	EXA 003	EQG 003	IQK 010	IQK 010	IQK 010
01U352		144800	06-Jul-94	F44	<13.00	<62.90	134.00	<2.50	<5.00	<15.00	<20.00	436.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U352	(6)		06-Jul-94		IQL 008	IQL 008	IQL 008	IQL 008	IQL 008	IQL 008	IQL 008	IQL 008	IQL 008	IQL 008	IQL 008	IQL 008	IQL 008
01U352		172073	03-Aug-94	F44	<13.00	<62.90	99.80	<2.50	<5.00	<15.00	<20.00	427.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U352	(6)		03-Aug-94		IQM 005	IQM 005	IQM 005	IQM 005	IQM 005	IQM 005	IQM 005	IQM 005	IQM 005	IQM 005	IQM 005	IQM 005	IQM 005
01U352		207160	07-Sep-94	F44	<12.50	<62.90	101.00	<2.50	<5.00	<15.00	<20.00	400.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U352	(6)		07-Sep-94		IQP 022	IQP 022	IQP 022	IQP 022	IQP 022	IQP 022	IQP 022	IQP 022	IQP 022	IQP 022	IQP 022	IQP 022	IQP 022
01U352		208191	07-Sep-94	F44													
01U352	(6)		07-Sep-94														
01U352		208191	07-Sep-94	F44													
01U352	(6)		07-Sep-94														
01U352			10-Oct-94	F45	<12.50	<62.90	80.60	<2.50	<5.00	<15.00	<20.00	241.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U352	(6)		10-Oct-94		IQU 005	IQU 005	IQU 005	IQU 005	IQU 005	IQU 005	IQU 005	IQU 005	IQU 005	IQU 005	IQU 005	IQU 005	IQU 005
01U352			08-Nov-94	F45	<12.50	<62.90	114.00	<2.50	<5.00	<15.00	<20.00	450.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U352	(6)		08-Nov-94		IQV 006	IQV 006	IQV 006	IQV 006	IQV 006	IQV 006	IQV 006	IQV 006	IQV 006	IQV 006	IQV 006	IQV 006	IQV 006
01U352			05-Dec-94	F45	<62.90	<2.50	114.00	<5.00	<15.00	<120.00	<1250.00	440.00	<37.10	<75.00	<100.00	<20.00	<13.00
01U352	(6)		05-Dec-94		IQW 008	IQW 008	IQW 008	IQW 008	IQW 008	IQW 008	IQW 008	IQW 008	IQW 008	IQW 008	IQW 008	IQW 008	IQW 008
01U352			17-Jan-95	F46	<12.50	<62.90	87.70	<2.50	<5.00	<15.00	<20.00	57.20	<63.10	<100.00	<37.10	<75.00	<100.00
01U352	(6)		17-Jan-95		IQX 008	IQX 008	IQX 008	IQX 008	IQX 008	IQX 008	IQX 008	IQX 008	IQX 008	IQX 008	IQX 008	IQX 008	IQX 008
01U352			03-Mar-95	F46								482.00					<2.70

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U351	(6)		07-Sep-95		EVV 006					EVT 027				
01U351		NC	15-Dec-95	C49	<0.74					815.00				
01U351	(6)		15-Dec-95		JDQ 007					IRM 005				
01U351		NC	11-Mar-96	C50	<0.74					468.00				
01U351	(6)		11-Mar-96		JDW 004					IRP 005				
01U351		NC	19-Jun-96	C51	<0.10					572.00				
01U351	(6)		19-Jun-96		AXRX 005					AXQC 005				
01U351		NC	12-Sep-96	C52	<0.10					9040.00				
01U351	(6)		12-Sep-96		AZBJ 005					AYZZ 016				
01U352		NC	11-Mar-94	F42	<0.74					15.30	<1.00			<20.00
01U352	(6)		11-Mar-94		IJM 018					IQC 018	EOR 016			IQC 018
01U352		106330	13-May-94	F43	<0.74	<8.17				3520.00				
01U352	(6)		13-May-94		IJQ 005	IMG 007				IQJ 007				
01U352	(4)		13-May-94	F43	<0.74									
01U352	(6)		13-May-94		IJQ 006									
01U352		125210	09-Jun-94	F43	<0.74					349.00				
01U352	(6)		09-Jun-94		IJR 005					IQK 010				
01U352		144800	06-Jul-94	F44	<0.74					589.00				
01U352	(6)		06-Jul-94		IJS 007					IQL 008				
01U352		172073	03-Aug-94	F44	<0.74					69.20				
01U352	(6)		03-Aug-94		IJT 006					IQM 005				
01U352		207160	07-Sep-94	F44	<0.74					45.80				
01U352	(6)		07-Sep-94		IJV 005					IQP 022				
01U352		208191	07-Sep-94	F44									<30.90	
01U352	(6)		07-Sep-94										IQP 016	
01U352		208191	07-Sep-94	F44									<30.90	
01U352	(6)		07-Sep-94										IQR 014	
01U352			10-Oct-94	F45	<0.74					84.40				
01U352	(6)		10-Oct-94		IJX 005					IQU 005				
01U352			08-Nov-94	F45	<0.74					B 62.10				
01U352	(6)		08-Nov-94		IJY 006					IQV 006				
01U352			05-Dec-94	F45	<0.74					51.10				
01U352	(6)		05-Dec-94		IJZ 006					IQW 008				
01U352			17-Jan-95	F46	<0.74					B 138.00				
01U352	(6)		17-Jan-95		JDA 005					IQX 008				
01U352			03-Mar-95	F46	<0.70					58.10				

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U352	(6)		03-Mar-95									DRC 005					DRA 005
01U352			01-Jun-95	F47	<1.93	<4.81	148.00	<1.47	<0.10	3.59	4.56	411.00	24.10	<2.65	<10.00	<3.06	<2.70
01U352	(6)		01-Jun-95		ECV 015	ECM 005	ECN 015	ECO 005	ECP 005	ECQ 010	ECR 005	ECY 005	ECT 005	ECS 005	ECL 010	ECU 015	ECW 015
01U352			11-Jul-95	F48	<1.93	<4.81	68.10	<1.47	0.34	<2.18	17.00	117.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U352	(6)		11-Jul-95		EMW 005	EMN 005	EMO 005	EMP 005	EMQ 022	EMR 022	EMS 005	EMZ 005	EMU 022	EMT 005	EMM 022	EMV 005	EMX 005
01U352			08-Aug-95	F48	<1.93	<4.81	125.00	<1.47	0.68	<2.18	18.30	152.00	6.74	<2.65	<10.00	<3.06	<2.70
01U352	(6)		08-Aug-95		ERY 005	ERP 005	ERQ 015	ERR 019	ERS 023	ERT 023	ERU 023	ESB 005	ERW 023	ERV 054	ERO 023	ERX 005	ERZ 005
01U352			07-Sep-95	F48	<1.93	<4.81	78.40	<15.00	0.22	<2.18	32.00	37.50	R 9.01	R <2.65	<10.00	R <3.06	<2.70
01U352	(6)		07-Sep-95		EVR 047	EVI 020	EVJ 043	EVK 116	EVL 019	EVM 007	EVN 143	EVU 005	EVP 058	EVO 043	EVH 014	EVQ 005	EVS 005
01U352		NC	15-Dec-95	C49	<12.50	<62.90	137.00	<2.50	<5.00	23.40	298.00	94.40	<63.10	<100.00	<37.10	<75.00	<100.00
01U352	(6)		15-Dec-95		IRM 006	IRM 006	IRM 006	IRM 006	IRM 006	IRM 006	IRM 006	IRM 006	IRM 006	IRM 006	IRM 006	IRM 006	IRM 006
01U352		NC	11-Mar-96	C50	<12.50	<62.90	333.00	<2.50	<5.00	<15.00	47.20	482.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U352	(6)		11-Mar-96		IRP 006	IRP 006	IRP 006	IRP 006	IRP 006	IRP 006	IRP 006	IRP 006	IRP 006	IRP 006	IRP 006	IRP 006	IRP 006
01U352	(4)	NC	11-Mar-96	C50	<12.50	<62.90	313.00	<2.50	<5.00	<15.00	22.10	472.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U352	(6)		11-Mar-96		IRP 009	IRP 009	IRP 009	IRP 009	IRP 009	IRP 009	IRP 009	IRP 009	IRP 009	IRP 009	IRP 009	IRP 009	IRP 009
01U352		NC	19-Jun-96	C51	<10.00	<2.35	150.00	<1.12	<6.78	<16.80	<18.80	478.00	<32.10	<4.47	<10.00	3.31	<10.00
01U352	(6)		19-Jun-96		AXQC 006	AXQD 006	AXQC 006	XQC 006	AXQC 006	AXQC 006	AXQC 006	AXQC 006	AXQC 006	AXQE 006	AXQH 004	AXQF 006	AXQG 006
01U352		NC	12-Sep-96	C52	<10.00	<2.35	164.00	<1.12	<6.78	<16.80	<18.80	566.00	<32.10	<4.47	<6.00	<2.53	<5.00
01U352	(6)		12-Sep-96		AYZZ 017	AZAA 017	AYZZ 017	YZZ 017	AYZZ 017	AYZZ 017	AYZZ 017	AYZZ 017	AYZZ 017	AZAB 017	AZAF 028	AZAC 017	AZAE 028
01U353		NC	11-Mar-94	F42		<3.00	60.50		<5.00	<15.00			<5.00	<4.00			
01U353	(6)		11-Mar-94			EAY 015	IQC 017		IQC 017	IQC 017			EOS 015	EBY 015			
01U353		106330	13-May-94	F43		<3.00	64.50		<5.00	<15.00	82.30		<5.00	6.40			
01U353	(6)		13-May-94			ESM 006	IQJ 008		IQJ 008	IQJ 008	IQJ 008		EWB 006	EQF 006			
01U353		125210	09-Jun-94	F43	<13.00	<3.00	103.00	<2.50	<5.00	<15.00	<20.00	644.00	<5.00	<4.00	<37.10	<75.00	<100.00
01U353	(6)		09-Jun-94		IQKK 008	ESN 003	IQK 011	IQK 011	IQK 011	IQK 011	IQK 011	IQKK 008	EXA 007	EQG 007	IQK 011	IQK 011	IQK 011
01U353		144800	06-Jul-94	F44	<13.00	<62.90	110.00	<2.50	<5.00	<15.00	<20.00	682.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U353	(6)		06-Jul-94		IQL 009	IQL 009	IQL 009	IQL 009	IQL 009	IQL 009	IQL 009	IQL 009	IQL 009	IQL 009	IQL 009	IQL 009	IQL 009
01U353		172073	03-Aug-94	F44	16.30	<62.90	99.80	<2.50	<5.00	<15.00	<20.00	660.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U353	(6)		03-Aug-94		IQM 006	IQM 006	IQM 006	IQM 006	IQM 006	IQM 006	IQM 006	IQM 006	IQM 006	IQM 006	IQM 006	IQM 006	IQM 006
01U353		207160	07-Sep-94	F44	<12.50	<62.90	122.00	<2.50	<5.00	<15.00	<20.00	690.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U353	(6)		07-Sep-94		IQP 023	IQP 023	IQP 023	IQP 023	IQP 023	IQP 023	IQP 023	IQP 023	IQP 023	IQP 023	IQP 023	IQP 023	IQP 023
01U353		208191	07-Sep-94	F44													
01U353	(6)		07-Sep-94														
01U353			10-Oct-94	F45	<12.50	<62.90	107.00	<2.50	<5.00	<15.00	<20.00	637.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U353	(6)		10-Oct-94		IQU 006	IQU 006	IQU 006	IQU 006	IQU 006	IQU 006	IQU 006	IQU 006	IQU 006	IQU 006	IQU 006	IQU 006	IQU 006
01U353	(4)		10-Oct-94	F45	<12.50	<62.90	106.00	<2.50	<5.00	<15.00	<20.00	657.00	<63.10	<100.00	<37.10	<75.00	<100.00

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U352	(6)		03-Mar-95		DRD 007					DRB 005				
01U352			01-Jun-95	F47	<0.70					53.10				
01U352	(6)		01-Jun-95		ECZ 012					ECX 005				
01U352			11-Jul-95	F48	<0.70					135.00				
01U352	(6)		11-Jul-95		ENA 012					EMY 005				
01U352			08-Aug-95	F48	L <0.70					230.00				
01U352	(6)		08-Aug-95		ESC 023					ESA 019				
01U352			07-Sep-95	F48	<0.70					R 153.00				
01U352	(6)		07-Sep-95		EVV 007					EVT 029				
01U352		NC	15-Dec-95	C49	<0.74					7090.00				
01U352	(6)		15-Dec-95		JDQ 008					IRM 006				
01U352		NC	11-Mar-96	C50	<0.74					1120.00				
01U352	(6)		11-Mar-96		JDW 007					IRP 006				
01U352	(4)	NC	11-Mar-96	C50	<0.74					519.00				
01U352	(6)		11-Mar-96		JDW 008					IRP 009				
01U352		NC	19-Jun-96	C51	<0.10					312.00				
01U352	(6)		19-Jun-96		AXRX 006					AXQC 006				
01U352		NC	12-Sep-96	C52	<0.10					183.00				
01U352	(6)		12-Sep-96		AZBJ 006					AYZZ 017				
01U353		NC	11-Mar-94	F42	<0.74					13.20	<1.00			<20.00
01U353	(6)		11-Mar-94		IJM 017					IQC 017	EOR 015			IQC 017
01U353		106330	13-May-94	F43	<0.74	<8.17				298.00				
01U353	(6)		13-May-94		IJQ 007	IMG 008				IQJ 008				
01U353		125210	09-Jun-94	F43	<0.74					60.00				
01U353	(6)		09-Jun-94		IJR 006					IQK 011				
01U353		144800	06-Jul-94	F44	<0.74					42.70				
01U353	(6)		06-Jul-94		IJS 008					IQL 009				
01U353		172073	03-Aug-94	F44	<0.74					44.80				
01U353	(6)		03-Aug-94		IJT 007					IQM 006				
01U353		207160	07-Sep-94	F44	<0.74					40.70				
01U353	(6)		07-Sep-94		IJV 006					IQP 023				
01U353		208191	07-Sep-94	F44									<30.90	
01U353	(6)		07-Sep-94										IQP 015	
01U353			10-Oct-94	F45	<0.74					108.00				
01U353	(6)		10-Oct-94		IJX 006					IQU 006				
01U353	(4)		10-Oct-94	F45	<0.74					105.00				

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well	Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)				0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U353	(6)	10-Oct-94		IQU 009	IQU 009	IQU 009	IQU 009	IQU 009	IQU 009	IQU 009	IQU 009	IQU 009	IQU 009	IQU 009	IQU 009	IQU 009
01U353		08-Nov-94	F45	<12.50	<62.90	114.00	<2.50	<5.00	<15.00	<20.00	651.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U353	(6)	08-Nov-94		IQV 007	IQV 007	IQV 007	IQV 007	IQV 007	IQV 007	IQV 007	IQV 007	IQV 007	IQV 007	IQV 007	IQV 007	IQV 007
01U353		05-Dec-94	F45	<62.90	<2.50	98.00	<5.00	<15.00	<120.00	<1250.00	614.00	<37.10	<75.00	<100.00	<20.00	<13.00
01U353	(6)	05-Dec-94		IQW 009	IQW 009	IQW 009	IQW 009	IQW 009	IQW 009	IQW 009	IQW 009	IQW 009	IQW 009	IQW 009	IQW 009	IQW 009
01U353		17-Jan-95	F46	<12.50	<62.90	113.00	<2.50	<5.00	<15.00	<20.00	689.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U353	(6)	17-Jan-95		IQX 009	IQX 009	IQX 009	IQX 009	IQX 009	IQX 009	IQX 009	IQX 009	IQX 009	IQX 009	IQX 009	IQX 009	IQX 009
01U353		08-Feb-95	F46	<1.93				<0.10	<2.18	28.00		<5.94	2.73			
01U353	(6)	08-Feb-95		DPY 014				DPS 015	DPT 015	DPU 017		DPW 015	DPV 008			
01U353		03-Mar-95	F46								755.00					<2.70
01U353	(6)	03-Mar-95									DRC 006					DRA 006
01U353		03-Apr-95	F47	<1.93	<4.81	169.00	<1.47	<0.10	<2.18	4.60	691.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U353	(6)	03-Apr-95		DSR 005	DSI 005	DSJ 005	DSK 005	DSL 005	DSM 005	DSN 005	DSU 005	DSP 005	DSO 005	DSH 005	DSQ 005	DSS 005
01U353		08-May-95	F47	<1.93	<4.81	128.00	<1.47	<0.10	2.80	10.60	583.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U353	(6)	08-May-95		DYK 005	DYB 005	DYC 005	DYD 005	DYE 005	DYF 023	DYG 021	DYN 005	DYI 021	DYH 021	DYA 014	DYJ 005	DYL 005
01U353		01-Jun-95	F47	<1.93	<4.81	122.00	<1.47	<0.10	<2.18	5.49	569.00	19.50	3.23	<10.00	<3.06	<2.70
01U353	(6)	01-Jun-95		ECV 016	ECM 006	ECN 016	ECO 006	ECP 006	ECQ 011	ECR 006	ECY 006	ECT 006	ECS 006	ECL 011	ECU 016	ECW 016
01U353		11-Jul-95	F48	<1.93	<4.81	153.00	<1.47	0.25	<2.18	10.30	608.00	9.83	5.39	<10.00	<3.06	<2.70
01U353	(6)	11-Jul-95		EMW 006	EMN 006	EMO 006	EMP 006	EMQ 023	EMR 023	EMS 006	EMZ 006	EMU 023	EMT 006	EMM 023	EMV 006	EMX 006
01U353		08-Aug-95	F48	<1.93	<4.81	61.80	<1.47	0.49	<2.18	4.81	176.00	<5.94	8.37	<10.00	<3.06	<2.70
01U353	(6)	08-Aug-95		ERY 006	ERP 006	ERQ 017	ERR 020	ERS 024	ERT 024	ERU 024	ESB 006	ERW 024	ERV 056	ERO 024	ERX 006	ERZ 006
01U353		07-Sep-95	F48	<1.93	<4.81	88.20	<15.00	0.40	<2.18	1.98	546.00	R <5.94	R <2.65	<10.00	R <3.06	<2.70
01U353	(6)	07-Sep-95		EVR 051	EVI 021	EVJ 120	EVK 118	EVL 021	EVM 008	EVN 145	EVU 006	EVP 059	EVO 045	EVH 016	EVQ 006	EVS 006
01U353	NC	15-Dec-95	C49	<12.50	<62.90	192.00	<2.50	<5.00	<15.00	71.30	660.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U353	(6)	15-Dec-95		IRM 007	IRM 007	IRM 007	IRM 007	IRM 007	IRM 007	IRM 007	IRM 007	IRM 007	IRM 007	IRM 007	IRM 007	IRM 007
01U353	NC	11-Mar-96	C50	<12.50	<62.90	565.00	<2.50	<5.00	<15.00	34.10	653.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U353	(6)	11-Mar-96		IRP 010	IRP 010	IRP 010	IRP 010	IRP 010	IRP 010	IRP 010	IRP 010	IRP 010	IRP 010	IRP 010	IRP 010	IRP 010
01U353	NC	19-Jun-96	C51	<10.00	3.52	199.00	<1.12	<6.78	<16.80	42.80	568.00	<32.10	17.30	<10.00	<2.53	<10.00
01U353	(6)	19-Jun-96		AXQC 007	AXQD 007	AXQC 007	XQC 007	AXQC 007	AXQC 007	AXQC 007	AXQC 007	AXQC 007	AXQE 007	AXQH 007	AXQF 007	AXQG 007
01U353	NC	12-Sep-96	C52	<10.00	<2.35	107.00	<1.12	<6.78	<16.80	<18.80	514.00	<32.10	<4.47	<6.00	3.81	<5.00
01U353	(6)	12-Sep-96		AYZZ 018	AZAA 018	AYZZ 018	YZZ 018	AYZZ 018	AYZZ 018	AYZZ 018	AYZZ 018	AYZZ 018	AZAB 018	AZAF 029	AZAC 018	AZAE 029
01U354	NC	10-Mar-94	F42		<3.00	35.30		<5.00	<15.00			<5.00	<4.00			
01U354	(6)	10-Mar-94			EAY 014	IQC 016		IQC 016	IQC 016			EOS 014	EBY 014			
01U354	106330	13-May-94	F43		<3.00	98.80		<5.00	<15.00	707.00		10.40	86.00			
01U354	(6)	13-May-94			ESM 007	IQJ 009		IQJ 009	IQJ 009	IQJ 009		EWB 007	EQF 007			
01U354	(4)	13-May-94	F43		<3.00	64.50		<5.00	<15.00	343.00		<5.00	31.90			

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well	Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)				1.00	100.00				700.00	1.00			20.00
01U353 (6)		10-Oct-94		IJX 007					IQU 009				
01U353		08-Nov-94	F45	<0.74					B 77.30				
01U353 (6)		08-Nov-94		IJY 007					IQV 007				
01U353		05-Dec-94	F45	<0.74					74.10				
01U353 (6)		05-Dec-94		IJZ 007					IQW 009				
01U353		17-Jan-95	F46	<0.74					B 80.40				
01U353 (6)		17-Jan-95		JDA 006					IQX 009				
01U353		08-Feb-95	F46	<0.70					113.00				
01U353 (6)		08-Feb-95		DQC 009					DQA 015				
01U353		03-Mar-95	F46	<0.70					<29.40				
01U353 (6)		03-Mar-95		DRD 008					DRB 006				
01U353		03-Apr-95	F47	<0.70					41.10				
01U353 (6)		03-Apr-95		DSV 007					DST 005				
01U353		08-May-95	F47	<0.70					38.10				
01U353 (6)		08-May-95		DYO 007					DYM 021				
01U353		01-Jun-95	F47	<0.70					107.00				
01U353 (6)		01-Jun-95		ECZ 015					ECX 006				
01U353		11-Jul-95	F48	<0.70					116.00				
01U353 (6)		11-Jul-95		ENA 015					EMY 006				
01U353		08-Aug-95	F48	L <0.70					191.00				
01U353 (6)		08-Aug-95		ESC 024					ESA 020				
01U353		07-Sep-95	F48	<0.70					R 202.00				
01U353 (6)		07-Sep-95		EVV 008					EVT 030				
01U353	NC	15-Dec-95	C49	<0.74					3300.00				
01U353 (6)		15-Dec-95		JDQ 009					IRM 007				
01U353	NC	11-Mar-96	C50	<0.74					1630.00				
01U353 (6)		11-Mar-96		JDW 009					IRP 010				
01U353	NC	19-Jun-96	C51	0.11					734.00				
01U353 (6)		19-Jun-96		AXRX 007					AXQC 007				
01U353	NC	12-Sep-96	C52	<0.10					53.80				
01U353 (6)		12-Sep-96		AZBJ 007					AYZZ 018				
01U354	NC	10-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U354 (6)		10-Mar-94		IJM 016					IQC 016	EOR 014			IQC 016
01U354	106330	13-May-94	F43	<0.74	<8.17				1460.00				
01U354 (6)		13-May-94		IJQ 008	IMG 009				IQJ 009				
01U354 (4)		13-May-94	F43						439.00				

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U354	(6)		13-May-94			ESM 008	IQJ 010		IQJ 010	IQJ 010	IQJ 010		EWB 008	EQF 008			
01U354		125210	09-Jun-94	F43	<13.00	4.29	29.20	<2.50	<5.00	<15.00	<20.00	279.00	<5.00	<4.00	<37.10	<75.00	<100.00
01U354	(6)		09-Jun-94		IQKK 009	ESN 008	IQK 012	IQK 012	IQK 012	IQK 012	IQK 012	IQKK 009	EXA 008	EQG 008	IQK 012	IQK 012	IQK 012
01U354		144800	06-Jul-94	F44	<13.00	<62.90	40.30	<2.50	<5.00	<15.00	<20.00	244.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U354	(6)		06-Jul-94		IQL 010	IQL 010	IQL 010	IQL 010	IQL 010	IQL 010	IQL 010	IQL 010	IQL 010	IQL 010	IQL 010	IQL 010	IQL 010
01U354		172073	03-Aug-94	F44	<13.00	<62.90	38.30	<2.50	<5.00	<15.00	<20.00	237.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U354	(6)		03-Aug-94		IQM 009	IQM 009	IQM 009	IQM 009	IQM 009	IQM 009	IQM 009	IQM 009	IQM 009	IQM 009	IQM 009	IQM 009	IQM 009
01U354		207160	07-Sep-94	F44	<12.50	<62.90	44.40	<2.50	<5.00	<15.00	<20.00	253.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U354	(6)		07-Sep-94		IQP 024	IQP 024	IQP 024	IQP 024	IQP 024	IQP 024	IQP 024	IQP 024	IQP 024	IQP 024	IQP 024	IQP 024	IQP 024
01U354		208191	07-Sep-94	F44													
01U354	(6)		07-Sep-94														
01U354		208191	07-Sep-94	F44													
01U354	(6)		07-Sep-94														
01U354			10-Oct-94	F45	<12.50	<62.90	40.30	<2.50	<5.00	<15.00	<20.00	245.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U354	(6)		10-Oct-94		IQU 010	IQU 010	IQU 010	IQU 010	IQU 010	IQU 010	IQU 010	IQU 010	IQU 010	IQU 010	IQU 010	IQU 010	IQU 010
01U354			08-Nov-94	F45	<12.50	<62.90	42.30	<2.50	<5.00	<15.00	<20.00	264.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U354	(6)		08-Nov-94		IQV 008	IQV 008	IQV 008	IQV 008	IQV 008	IQV 008	IQV 008	IQV 008	IQV 008	IQV 008	IQV 008	IQV 008	IQV 008
01U354			05-Dec-94	F45	<62.90	<2.50	36.30	<5.00	<15.00	<120.00	<1250.00	247.00	<37.10	<75.00	<100.00	<20.00	<13.00
01U354	(6)		05-Dec-94		IQW 010	IQW 010	IQW 010	IQW 010	IQW 010	IQW 010	IQW 010	IQW 010	IQW 010	IQW 010	IQW 010	IQW 010	IQW 010
01U354	(4)		05-Dec-94	F45	<62.90	<2.50	37.30	<5.00	<15.00	<120.00	<1250.00	244.00	<37.10	<75.00	<100.00	<20.00	<13.00
01U354	(6)		05-Dec-94		IQW 011	IQW 011	IQW 011	IQW 011	IQW 011	IQW 011	IQW 011	IQW 011	IQW 011	IQW 011	IQW 011	IQW 011	IQW 011
01U354			17-Jan-95	F46	<12.50	<62.90	42.30	<2.50	<5.00	<15.00	<20.00	256.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U354	(6)		17-Jan-95		IQX 010	IQX 010	IQX 010	IQX 010	IQX 010	IQX 010	IQX 010	IQX 010	IQX 010	IQX 010	IQX 010	IQX 010	IQX 010
01U354			08-Feb-95	F46	<1.93				<0.10	<2.18	25.00		<5.94	<2.65			
01U354	(6)		08-Feb-95		DPY 015				DPS 016	DPT 016	DPU 018		DPW 016	DPV 009			
01U354			03-Mar-95	F46								295.00					<2.70
01U354	(6)		03-Mar-95									DRC 007					DRA 007
01U354			03-Apr-95	F47	<1.93	<4.81	69.70	<1.47	<0.10	<2.18	12.60	266.00	<5.94	4.67	<10.00	<3.06	<2.70
01U354	(6)		03-Apr-95		DSR 006	DSI 006	DSJ 006	DSK 006	DSL 006	DSM 006	DSN 006	DSU 006	DSP 006	DSO 006	DSH 006	DSQ 006	DSS 006
01U354			08-May-95	F47	<1.93	<4.81	53.00	<1.47	<0.10	<2.18	4.06	267.00	<5.94	5.64	<10.00	<3.06	<2.70
01U354	(6)		08-May-95		DYK 006	DYB 006	DYC 006	DYD 006	DYE 006	DYF 024	DYG 022	DYN 006	DYI 022	DYH 022	DYA 015	DYJ 006	DYL 006
01U354			01-Jun-95	F47	<1.93	<4.81	51.30	<1.47	<0.10	<2.18	4.05	228.00	6.57	7.04	<10.00	<3.06	<2.70
01U354	(6)		01-Jun-95		ECV 017	ECM 007	ECN 017	ECO 007	ECP 007	ECQ 012	ECR 007	ECY 007	ECT 007	ECS 007	ECL 012	ECU 017	ECW 017
01U354			11-Jul-95	F48	<1.93	<4.81	68.10	<1.47	0.55	<2.18	2.49	236.00	<5.94	9.76	<10.00	<3.06	<2.70
01U354	(6)		11-Jul-95		EMW 007	EMN 007	EMO 007	EMP 007	EMQ 024	EMR 024	EMS 007	EMZ 007	EMU 024	EMT 007	EMM 024	EMV 007	EMX 007
01U354			08-Aug-95	F48	<1.93	<4.81	118.00	<1.47	0.69	<2.18	0.89	582.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U354	(6)		08-Aug-95		ERY 007	ERP 007	ERQ 019	ERR 021	ERS 025	ERT 025	ERU 025	ESB 007	ERW 025	ERV 060	ERO 025	ERX 007	ERZ 007

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U354	(6)		13-May-94							IQJ 010				
01U354		125210	09-Jun-94	F43	<0.74					44.80				
01U354	(6)		09-Jun-94		IJR 007					IQK 012				
01U354		144800	06-Jul-94	F44	<0.74					35.60				
01U354	(6)		06-Jul-94		IJS 009					IQL 010				
01U354		172073	03-Aug-94	F44	<0.74					48.80				
01U354	(6)		03-Aug-94		IJT 008					IQM 009				
01U354		207160	07-Sep-94	F44	<0.74					31.50				
01U354	(6)		07-Sep-94		IJV 007					IQP 024				
01U354		208191	07-Sep-94	F44									<30.90	
01U354	(6)		07-Sep-94										IQP 012	
01U354		208191	07-Sep-94	F44									<30.90	
01U354	(6)		07-Sep-94										IQR 013	
01U354			10-Oct-94	F45	<0.74					47.80				
01U354	(6)		10-Oct-94		IJX 010					IQU 010				
01U354			08-Nov-94	F45	<0.74					B 43.70				
01U354	(6)		08-Nov-94		IJY 008					IQV 008				
01U354			05-Dec-94	F45	<0.74					37.00				
01U354	(6)		05-Dec-94		IJZ 010					IQW 010				
01U354	(4)		05-Dec-94	F45	<0.74					31.00				
01U354	(6)		05-Dec-94		IJZ 011					IQW 011				
01U354			17-Jan-95	F46	<0.74					B 47.80				
01U354	(6)		17-Jan-95		JDA 007					IQX 010				
01U354			08-Feb-95	F46	<0.70					<29.40				
01U354	(6)		08-Feb-95		DQC 010					DQA 016				
01U354			03-Mar-95	F46	<0.70					<29.40				
01U354	(6)		03-Mar-95		DRD 009					DRB 007				
01U354			03-Apr-95	F47	<0.70					31.10				
01U354	(6)		03-Apr-95		DSV 008					DST 006				
01U354			08-May-95	F47	<0.70					<29.40				
01U354	(6)		08-May-95		DYO 008					DYM 022				
01U354			01-Jun-95	F47	<0.70					78.20				
01U354	(6)		01-Jun-95		ECZ 016					ECX 007				
01U354			11-Jul-95	F48	<0.70					150.00				
01U354	(6)		11-Jul-95		ENA 016					EMY 007				
01U354			08-Aug-95	F48	L <0.70					118.00				
01U354	(6)		08-Aug-95		ESC 027					ESA 021				

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U354			07-Sep-95	F48	<1.93	<4.81	38.20	<15.00	<0.10	<2.18	61.00	53.30	R 6.63	R 3.98	<10.00	R <3.06	<2.70
01U354	(6)		07-Sep-95		EVR 053	EVI 022	EVJ 122	EVK 122	EVL 023	EVM 009	EVN 148	EVU 007	EVP 060	EVO 047	EVH 020	EVQ 007	EVS 007
01U354		NC	15-Dec-95	C49	<12.50	<62.90	41.30	<2.50	<5.00	<15.00	<20.00	235.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U354	(6)		15-Dec-95		IRM 008	IRM 008	IRM 008	IRM 008	IRM 008	IRM 008	IRM 008	IRM 008	IRM 008	IRM 008	IRM 008	IRM 008	IRM 008
01U354		NC	11-Mar-96	C50	<12.50	102.00	373.00	<2.50	<5.00	<15.00	331.00	592.00	<63.10	245.00	<37.10	<75.00	<100.00
01U354	(6)		11-Mar-96		IRP 011	IRP 011	IRP 011	IRP 011	IRP 011	IRP 011	IRP 011	IRP 011	IRP 011	IRP 011	IRP 011	IRP 011	IRP 011
01U354		NC	19-Jun-96	C51	<10.00	9.55	70.20	<1.12	<6.78	<16.80	22.30	281.00	<32.10	69.60	<10.00	<2.53	<10.00
01U354	(6)		19-Jun-96		AXQC 008	AXQD 008	AXQC 008	XQC 008	AXQC 008	AXQC 008	AXQC 008	AXQC 008	AXQC 008	AXQE 008	AXQH 008	AXQF 008	AXQG 008
01U354		NC	12-Sep-96	C52	<10.00	4.11	42.60	<1.12	<6.78	<16.80	<18.80	235.00	<32.10	7.84	<6.00	<2.53	<5.00
01U354	(6)		12-Sep-96		AYZZ 019	AZAA 019	AYZZ 019	YZZ 019	AYZZ 019	AYZZ 019	AYZZ 019	AYZZ 019	AYZZ 019	AZAB 019	AZAF 030	AZAC 019	AZAE 030
01U354	(4)	NC	12-Sep-96	C52	<10.00	3.68	42.80	<1.12	<6.78	<16.80	<18.80	248.00	<32.10	6.12	<6.00	<2.53	<5.00
01U354	(6)		12-Sep-96		AYZZ 024	AZAA 024	AYZZ 024	YZZ 024	AYZZ 024	AYZZ 024	AYZZ 024	AYZZ 024	AYZZ 024	AZAB 024	AZAF 035	AZAC 024	AZAE 035
01U355		48771	10-Mar-94	F42		7.78	<20.00		<5.00	<15.00			<5.00	<4.00			
01U355	(6)		10-Mar-94			EAZ 002	IQE 004		IQE 004	IQE 004			EOX 002	EQA 002			
01U355		106330	13-May-94	F43		5.84	<20.00		<5.00	<15.00	37.10		<5.00	<4.00			
01U355	(6)		13-May-94			ESM 009	IQJ 011		IQJ 011		IQJ 011		EWB 009	EQF 009			
01U355		125210	09-Jun-94	F43	<13.00	<3.00	90.70	<2.50	<5.00	<15.00	<20.00	633.00	<5.00	<4.00	<37.10	<75.00	<100.00
01U355	(6)		09-Jun-94		IQKK 010	ESN 009	IQK 013	IQK 013	IQK 013	IQK 013	IQK 013	IQKK 010	EXA 009	EQG 009	IQK 013	IQK 013	IQK 013
01U355		144800	06-Jul-94	F44	<13.00	<62.90	89.70	<2.50	<5.00	<15.00	24.10	580.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U355	(6)		06-Jul-94		IQL 011	IQL 011	IQL 011	IQL 011	IQL 011	IQL 011	IQL 011	IQL 011	IQL 011	IQL 011	IQL 011	IQL 011	IQL 011
01U355		172073	03-Aug-94	F44	<13.00	<62.90	78.60	<2.50	<5.00	<15.00	<20.00	2050.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U355	(6)		03-Aug-94		IQM 010	IQM 010	IQM 010	IQM 010	IQM 010	IQM 010	IQM 010	IQM 010	IQM 010	IQM 010	IQM 010	IQM 010	IQM 010
01U355		207160	07-Sep-94	F44	<12.50	<62.90	67.50	<2.50	<5.00	<15.00	<20.00	489.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U355	(6)		07-Sep-94		IQQ 004	IQQ 004	IQQ 004	IQQ 004	IQQ 004	IQQ 004	IQQ 004	IQQ 004	IQQ 004	IQQ 004	IQQ 004	IQQ 004	IQQ 004
01U355			08-Sep-94	F44													
01U355	(6)		08-Sep-94														
01U355			08-Sep-94	F44													
01U355	(6)		08-Sep-94														
01U355			10-Oct-94	F45	<12.50	<62.90	67.50	<2.50	<5.00	<15.00	<20.00	514.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U355	(6)		10-Oct-94		IQU 011	IQU 011	IQU 011	IQU 011	IQU 011	IQU 011	IQU 011	IQU 011	IQU 011	IQU 011	IQU 011	IQU 011	IQU 011
01U355			08-Nov-94	F45	<12.50	<62.90	77.60	<2.50	<5.00	<15.00	<20.00	537.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U355	(6)		08-Nov-94		IQV 009	IQV 009	IQV 009	IQV 009	IQV 009	IQV 009	IQV 009	IQV 009	IQV 009	IQV 009	IQV 009	IQV 009	IQV 009
01U355			05-Dec-94	F45	<62.90	<2.50	70.60	<5.00	<15.00	<120.00	<1250.00	525.00	<37.10	<75.00	<100.00	<20.00	<13.00
01U355	(6)		05-Dec-94		IQW 012	IQW 012	IQW 012	IQW 012	IQW 012	IQW 012	IQW 012	IQW 012	IQW 012	IQW 012	IQW 012	IQW 012	IQW 012
01U355			17-Jan-95	F46	<12.50	<62.90	72.60	<2.50	<5.00	<15.00	<20.00	534.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U355	(6)		17-Jan-95		IQX 011	IQX 011	IQX 011	IQX 011	IQX 011	IQX 011	IQX 011	IQX 011	IQX 011	IQX 011	IQX 011	IQX 011	IQX 011

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U354			07-Sep-95	F48	<0.70					R 267.00				
01U354	(6)		07-Sep-95		EVV 009					EVT 031				
01U354		NC	15-Dec-95	C49	<0.74					227.00				
01U354	(6)		15-Dec-95		JDQ 010					IRM 008				
01U354		NC	11-Mar-96	C50	<0.74					16300.00				
01U354	(6)		11-Mar-96		JDW 010					IRP 011				
01U354		NC	19-Jun-96	C51	<0.10					432.00				
01U354	(6)		19-Jun-96		AXRX 008					AXQC 008				
01U354		NC	12-Sep-96	C52	<0.10					64.40				
01U354	(6)		12-Sep-96		AZBJ 008					AYZZ 019				
01U354	(4)	NC	12-Sep-96	C52	<0.10					56.10				
01U354	(6)		12-Sep-96		AZBJ 013					AYZZ 024				
01U355		48771	10-Mar-94	F42	<0.74					17.30	<1.00			<20.00
01U355	(6)		10-Mar-94		IJN 005					IQE 004	EOY 002			IQE 004
01U355		106330	13-May-94	F43	<0.74	<8.17				138.00				
01U355	(6)		13-May-94		IJQ 009	IMG 010				IQJ 011	IQJ 011			
01U355		125210	09-Jun-94	F43	<0.74					60.00				
01U355	(6)		09-Jun-94		IJR 008					IQK 013				
01U355		144800	06-Jul-94	F44	<0.74					167.00				
01U355	(6)		06-Jul-94		IJS 010					IQL 011				
01U355		172073	03-Aug-94	F44	<0.74					72.20				
01U355	(6)		03-Aug-94		IJT 009					IQM 010				
01U355		207160	07-Sep-94	F44	<0.74					24.40				
01U355	(6)		07-Sep-94		IJV 010					IQQ 004				
01U355			08-Sep-94	F44									<30.90	
01U355	(6)		08-Sep-94										IQS 010	
01U355			08-Sep-94	F44									<30.90	
01U355	(6)		08-Sep-94										IQS 014	
01U355			10-Oct-94	F45	<0.74					53.90				
01U355	(6)		10-Oct-94		IJX 011					IQU 011				
01U355			08-Nov-94	F45	<0.74					B 45.80				
01U355	(6)		08-Nov-94		IJY 011					IQV 009				
01U355			05-Dec-94	F45	<0.74					23.00				
01U355	(6)		05-Dec-94		IJZ 012					IQW 012				
01U355			17-Jan-95	F46	<0.74					B 33.60				
01U355	(6)		17-Jan-95		JDA 008					IQX 011				

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U355			08-Feb-95	F46	<1.93				<0.10	<2.18	12.50		<5.94	<2.65			
01U355	(6)		08-Feb-95		DPY 017				DPS 018	DPT 018	DPU 020		DPW 018	DPV 011			
01U355			03-Mar-95	F46								521.00					<2.70
01U355	(6)		03-Mar-95									DRC 008					DRA 008
01U355			03-Apr-95	F47	<1.93	<4.81	109.00	<1.47	<0.10	<2.18	15.20	527.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U355	(6)		03-Apr-95		DSR 008	DSI 008	DSJ 008	DSK 008	DSL 008	DSM 008	DSN 008	DSU 008	DSP 008	DSO 008	DSH 008	DSQ 008	DSS 008
01U355			08-May-95	F47	<1.93	<4.81	95.50	<1.47	<0.10	<2.18	4.82	523.00	<5.94	3.80	<10.00	<3.06	<2.70
01U355	(6)		08-May-95		DYK 008	DYB 008	DYC 008	DYD 008	DYE 008	DYF 026	DYG 024	DYN 008	DYI 024	DYH 024	DYA 017	DYJ 008	DYL 008
01U355			01-Jun-95	F47	<1.93	<4.81	97.60	<1.47	<0.10	<2.18	2.31	497.00	9.13	<2.65	<10.00	<3.06	<2.70
01U355	(6)		01-Jun-95		ECV 018	ECM 008	ECN 018	ECO 008	ECP 008	ECQ 013	ECR 008	ECY 008	ECT 008	ECS 008	ECL 013	ECU 018	ECW 018
01U355			11-Jul-95	F48	<1.93	<4.81	104.00	<1.47	0.17	<2.18	3.83	468.00	8.17	<2.65	<10.00	<3.06	<2.70
01U355	(6)		11-Jul-95		EMW 008	EMN 008	EMO 008	EMP 008	EMQ 025	EMR 025	EMS 008	EMZ 008	EMU 025	EMT 008	EMM 025	EMV 008	EMX 008
01U355			08-Aug-95	F48	<1.93	<4.81	77.50	<1.47	0.50	<2.18	3.46	407.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U355	(6)		08-Aug-95		ERY 008	ERP 008	ERQ 023	ERR 022	ERS 026	ERT 026	ERU 026	ESB 008	ERW 026	ERV 062	ERO 026	ERX 008	ERZ 008
01U355			07-Sep-95	F48	<1.93	<4.81	63.70	<15.00	<0.10	<2.18	12.90	130.00	R 11.40	R 7.65	<10.00	R <3.06	<2.70
01U355	(6)		07-Sep-95		EVR 055	EVI 023	EVJ 124	EVK 124	EVL 126	EVM 010	EVN 152	EVU 008	EVP 061	EVO 049	EVH 022	EVQ 008	EVS 008
01U355		NC	15-Dec-95	C49	<12.50	<62.90	87.70	<2.50	<5.00	<15.00	<20.00	538.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U355	(6)		15-Dec-95		IRM 009	IRM 009	IRM 009	IRM 009	IRM 009	IRM 009	IRM 009	IRM 009	IRM 009	IRM 009	IRM 009	IRM 009	IRM 009
01U355	(4)	NC	15-Dec-95	C49	<12.50	<62.90	88.70	<2.50	<5.00	<15.00	<20.00	543.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U355	(6)		15-Dec-95		IRM 010	IRM 010	IRM 010	IRM 010	IRM 010	IRM 010	IRM 010	IRM 010	IRM 010	IRM 010	IRM 010	IRM 010	IRM 010
01U355		NC	11-Mar-96	C50	<12.50	<62.90	91.70	<2.50	<5.00	<15.00	<20.00	532.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U355	(6)		11-Mar-96		IRP 012	IRP 012	IRP 012	IRP 012	IRP 012	IRP 012	IRP 012	IRP 012	IRP 012	IRP 012	IRP 012	IRP 012	IRP 012
01U355		NC	19-Jun-96	C51	<10.00	4.74	102.00	<1.12	<6.78	<16.80	<18.80	561.00	<32.10	<4.47	<10.00	<2.53	<10.00
01U355	(6)		19-Jun-96		AXQC 009	AXQD 009	AXQC 009	XQC 009	AXQC 009	AXQC 009	AXQC 009	AXQC 009	AXQC 009	AXQE 009	AXQH 009	AXQF 009	AXQG 009
01U355		NC	12-Sep-96	C52	<10.00	3.80	96.20	<1.12	<6.78	<16.80	<18.80	554.00	<32.10	<4.47	<6.00	<2.53	<5.00
01U355	(6)		12-Sep-96		AYZZ 021	AZAA 021	AYZZ 021	YZZ 021	AYZZ 021	AYZZ 021	AYZZ 021	AYZZ 021	AYZZ 021	AZAB 021	AZAF 032	AZAC 021	AZAE 032
01U356		48771	10-Mar-94	F42		<3.00	57.50		<5.00	<15.00			<5.00	<4.00			
01U356	(6)		10-Mar-94			EAZ 006	IQE 005		IQE 005	IQE 005			EOX 006	EQA 006			
01U356		106330	13-May-94	F43		<3.00	73.60		<5.00	<15.00	229.00		20.60	17.40			
01U356	(6)		13-May-94			ESM 010	IQJ 012		IQJ 012	IQJ 012	IQJ 012		EWB 010	EQF 010			
01U356		125210	09-Jun-94	F43	<13.00	<3.00	74.60	<2.50	<5.00	<15.00	<20.00	569.00	<5.00	6.44	<37.10	<75.00	<100.00
01U356	(6)		09-Jun-94		IQKK 011	ESN 010	IQK 014	IQK 014	IQK 014	IQK 014	IQK 014	IQKK 011	EXA 010	EQG 010	IQK 014	IQK 014	IQK 014
01U356		144800	06-Jul-94	F44	<13.00	<62.90	153.00	<2.50	<5.00	<15.00	23.10	503.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U356	(6)		06-Jul-94		IQL 012	IQL 012	IQL 012	IQL 012	IQL 012	IQL 012	IQL 012	IQL 012	IQL 012	IQL 012	IQL 012	IQL 012	IQL 012
01U356		172073	03-Aug-94	F44	<13.00	<62.90	59.50	<2.50	<5.00	<15.00	<20.00	444.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U356	(6)		03-Aug-94		IQM 011	IQM 011	IQM 011	IQM 011	IQM 011	IQM 011	IQM 011	IQM 011	IQM 011	IQM 011	IQM 011	IQM 011	IQM 011

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U355			08-Feb-95	F46	<0.70					<29.40				
01U355	(6)		08-Feb-95		DQC 012					DQA 018				
01U355			03-Mar-95	F46	<0.70					<29.40				
01U355	(6)		03-Mar-95		DRD 010					DRB 008				
01U355			03-Apr-95	F47	<0.70					41.10				
01U355	(6)		03-Apr-95		DSV 010					DST 008				
01U355			08-May-95	F47	<0.70					52.10				
01U355	(6)		08-May-95		DYO 010					DYM 024				
01U355			01-Jun-95	F47	<0.70					<29.40				
01U355	(6)		01-Jun-95		ECZ 017					ECX 008				
01U355			11-Jul-95	F48	<0.70					63.10				
01U355	(6)		11-Jul-95		ENA 017					EMY 008				
01U355			08-Aug-95	F48	L <0.70					63.10				
01U355	(6)		08-Aug-95		ESC 028					ESA 022				
01U355			07-Sep-95	F48	<0.70					R 180.00				
01U355	(6)		07-Sep-95		EVV 010					EVT 032				
01U355		NC	15-Dec-95	C49	<0.74					39.70				
01U355	(6)		15-Dec-95		JDQ 011					IRM 009				
01U355	(4)	NC	15-Dec-95	C49	<0.74					35.60				
01U355	(6)		15-Dec-95		JDQ 012					IRM 010				
01U355		NC	11-Mar-96	C50	<0.74					122.00				
01U355	(6)		11-Mar-96		JDW 011					IRP 012				
01U355		NC	19-Jun-96	C51	<0.10					48.30				
01U355	(6)		19-Jun-96		AXRX 009					AXQC 009				
01U355		NC	12-Sep-96	C52	<0.10					49.30				
01U355	(6)		12-Sep-96		AZBJ 010					AYZZ 021				
01U356		48771	10-Mar-94	F42	<0.74					13.20	<1.00			<20.00
01U356	(6)		10-Mar-94		IJN 006					IQE 005	EOY 006			IQE 005
01U356		106330	13-May-94	F43	<0.74	<8.17				101.00				
01U356	(6)		13-May-94		IJQ 010	IMG 011				IQJ 012				
01U356		125210	09-Jun-94	F43	<0.74					23.40				
01U356	(6)		09-Jun-94		IJR 009					IQK 014				
01U356		144800	06-Jul-94	F44	<0.74					426.00				
01U356	(6)		06-Jul-94		IJS 011					IQL 012				
01U356		172073	03-Aug-94	F44	<0.74					30.50				
01U356	(6)		03-Aug-94		IJT 010					IQM 011				

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U356		207160	07-Sep-94	F44	<12.50	<62.90	54.40	<2.50	<5.00	<15.00	<20.00	419.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U356	(6)		07-Sep-94		IQQ 005	IQQ 005	IQQ 005	IQQ 005	IQQ 005	IQQ 005	IQQ 005	IQQ 005	IQQ 005	IQQ 005	IQQ 005	IQQ 005	IQQ 005
01U356			08-Sep-94	F44													
01U356	(6)		08-Sep-94														
01U356			10-Oct-94	F45	<12.50	<62.90	58.50	<2.50	<5.00	<15.00	<20.00	439.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U356	(6)		10-Oct-94		IQU 012	IQU 012	IQU 012	IQU 012	IQU 012	IQU 012	IQU 012	IQU 012	IQU 012	IQU 012	IQU 012	IQU 012	IQU 012
01U356			08-Nov-94	F45	<12.50	<62.90	60.50	<2.50	<5.00	<15.00	<20.00	430.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U356	(6)		08-Nov-94		IQV 010	IQV 010	IQV 010	IQV 010	IQV 010	IQV 010	IQV 010	IQV 010	IQV 010	IQV 010	IQV 010	IQV 010	IQV 010
01U356			05-Dec-94	F45	<62.90	<2.50	54.90	<5.00	<15.00	<120.00	<1250.00	381.00	<37.10	<75.00	<100.00	<20.00	<13.00
01U356	(6)		05-Dec-94		IQW 013	IQW 013	IQW 013	IQW 013	IQW 013	IQW 013	IQW 013	IQW 013	IQW 013	IQW 013	IQW 013	IQW 013	IQW 013
01U356			08-Feb-95	F46	<1.93				<0.10	<2.18	11.90		<5.94	<2.65			
01U356	(6)		08-Feb-95		DPY 018				DPS 019	DPT 019	DPU 021		DPW 019	DPV 012			
01U356			03-Mar-95	F46								429.00					<2.70
01U356	(6)		03-Mar-95									DRC 009					DRA 009
01U356			03-Apr-95	F47	<1.93	<4.81	93.60	<1.47	0.16	<2.18	14.80	396.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U356	(6)		03-Apr-95		DSR 009	DSI 009	DSJ 009	DSK 009	DSL 009	DSM 009	DSN 009	DSU 009	DSP 009	DSO 009	DSH 009	DSQ 009	DSS 009
01U356			08-May-95	F47	<1.93	<4.81	83.30	<1.47	0.25	<2.18	6.60	374.00	8.98	<2.65	<10.00	<3.06	<2.70
01U356	(6)		08-May-95		DYK 009	DYB 009	DYC 009	DYD 009	DYE 009	DYF 027	DYG 025	DYN 009	DYI 025	DYH 025	DYA 018	DYJ 009	DYL 009
01U356			01-Jun-95	F47	<1.93	<4.81	69.50	<1.47	<0.10	<2.18	4.29	358.00	9.46	<2.65	<10.00	<3.06	<2.70
01U356	(6)		01-Jun-95		ECV 019	ECM 009	ECN 019	ECO 009	ECP 009	ECQ 014	ECR 009	ECY 009	ECT 009	ECS 009	ECL 014	ECU 019	ECW 019
01U356			11-Jul-95	F48	<1.93	<4.81	97.70	<1.47	0.16	<2.18	1.17	372.00	7.16	7.64	<10.00	<3.06	<2.70
01U356	(6)		11-Jul-95		EMW 009	EMN 009	EMO 009	EMP 009	EMQ 026	EMR 026	EMS 009	EMZ 009	EMU 026	EMT 009	EMM 026	EMV 009	EMX 009
01U356			08-Aug-95	F48	<1.93	<4.81	82.40	<1.47	0.72	<2.18	1.49	331.00	8.08	4.29	<10.00	<3.06	<2.70
01U356	(6)		08-Aug-95		ERY 009	ERP 009	ERQ 025	ERR 023	ERS 027	ERT 027	ERU 027	ESB 009	ERW 027	ERV 064	ERO 027	ERX 009	ERZ 009
01U356			07-Sep-95	F48	<1.93	<4.81	58.80	<15.00	0.18	<2.18	6.83	250.00	R <5.94	R <2.65	<10.00	R <3.06	<2.70
01U356	(6)		07-Sep-95		EVR 057	EVI 024	EVJ 126	EVK 126	EVL 029	EVM 011	EVN 154	EVU 009	EVP 062	EVO 073	EVH 024	EVQ 009	EVS 009
01U356		NC	15-Dec-95	C49	<12.50	<62.90	70.60	<2.50	<5.00	<15.00	<20.00	302.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U356	(6)		15-Dec-95		IRM 011	IRM 011	IRM 011	IRM 011	IRM 011	IRM 011	IRM 011	IRM 011	IRM 011	IRM 011	IRM 011	IRM 011	IRM 011
01U356		NC	11-Mar-96	C50	<12.50	<62.90	69.60	<2.50	<5.00	<15.00	<20.00	301.00	<63.10	<100.00	40.30	<75.00	<100.00
01U356	(6)		11-Mar-96		IRP 015	IRP 015	IRP 015	IRP 015	IRP 015	IRP 015	IRP 015	IRP 015	IRP 015	IRP 015	IRP 015	IRP 015	IRP 015
01U356		NC	19-Jun-96	C51	<10.00	<2.35	71.20	<1.12	<6.78	<16.80	<18.80	352.00	<32.10	27.50	<10.00	<2.53	<10.00
01U356	(6)		19-Jun-96		AXQC 010	AXQD 010	AXQC 010	XQC 010	AXQC 010	AXQC 010	AXQC 010	AXQC 010	AXQC 010	AXQE 010	AXQH 010	AXQF 010	AXQG 010
01U356		NC	12-Sep-96	C52	<10.00	<2.35	73.10	<1.12	<6.78	<16.80	<18.80	350.00	<32.10	8.33	<6.00	<2.53	<5.00
01U356	(6)		12-Sep-96		AYZZ 022	AZAA 022	AYZZ 022	YZZ 022	AYZZ 022	AYZZ 022	AYZZ 022	AYZZ 022	AYZZ 022	AZAB 022	AZAF 033	AZAC 022	AZAE 033
01U357		48771	10-Mar-94	F42		<3.00	25.20		<5.00	<15.00			<5.00	6.71			
01U357	(6)		10-Mar-94			EAZ 007	IQE 006		IQE 006	IQE 006			EOX 007	EQA 007			

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U356		207160	07-Sep-94	F44	<0.74					18.30				
01U356	(6)		07-Sep-94		IJV 011					IQQ 005				
01U356			08-Sep-94	F44									<30.90	
01U356	(6)		08-Sep-94										IQS 011	
01U356			10-Oct-94	F45	<0.74					49.80				
01U356	(6)		10-Oct-94		IJX 012					IQU 012				
01U356			08-Nov-94	F45	<0.74					B 49.80				
01U356	(6)		08-Nov-94		IJY 012					IQV 010				
01U356			05-Dec-94	F45	<0.74					211.00				
01U356	(6)		05-Dec-94		IJZ 013					IQW 013				
01U356			08-Feb-95	F46	<0.70					<29.40				
01U356	(6)		08-Feb-95		DQC 015					DQA 019				
01U356			03-Mar-95	F46	<0.70					<29.40				
01U356	(6)		03-Mar-95		DRD 011					DRB 009				
01U356			03-Apr-95	F47	<0.70					46.10				
01U356	(6)		03-Apr-95		DSV 011					DST 009				
01U356			08-May-95	F47	<0.70					49.10				
01U356	(6)		08-May-95		DYO 011					DYM 025				
01U356			01-Jun-95	F47	<0.70					178.00				
01U356	(6)		01-Jun-95		ECZ 018					ECX 009				
01U356			11-Jul-95	F48	<0.70					116.00				
01U356	(6)		11-Jul-95		ENA 018					EMY 009				
01U356			08-Aug-95	F48	L <0.70					149.00				
01U356	(6)		08-Aug-95		ESC 029					ESA 023				
01U356			07-Sep-95	F48	<0.70					R 93.20				
01U356	(6)		07-Sep-95		EVV 011					EVT 033				
01U356		NC	15-Dec-95	C49	<0.74					394.00				
01U356	(6)		15-Dec-95		JDQ 013					IRM 011				
01U356		NC	11-Mar-96	C50	<0.74					94.60				
01U356	(6)		11-Mar-96		JDW 014					IRP 015				
01U356		NC	19-Jun-96	C51	<0.10					25.50				
01U356	(6)		19-Jun-96		AXRX 010					AXQC 010				
01U356		NC	12-Sep-96	C52	<0.10					27.30				
01U356	(6)		12-Sep-96		AZBJ 011					AYZZ 022				
01U357		48771	10-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U357	(6)		10-Mar-94		IJN 007					IQE 006	EOY 007			IQE 006

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U357		106330	13-May-94	F43		<3.00	36.30		<5.00	<15.00	46.20		<5.00	<4.00			
01U357	(6)		13-May-94			ESM 011	IQJ 013		IQJ 013		IQJ 013		EWB 011	EQF 011			
01U357		125210	09-Jun-94	F43	<13.00	<3.00	61.50	<2.50	<5.00	<15.00	<20.00	256.00	<5.00	<4.00	<37.10	<75.00	<100.00
01U357	(6)		09-Jun-94		IQKK 012	ESN 011	IQK 015	IQK 015	IQK 015	IQK 015	IQK 015	IQKK 012	EXA 011	EQG 011	IQK 015	IQK 015	IQK 015
01U357		144800	06-Jul-94	F44	<13.00	<62.90	52.40	<2.50	<5.00	<15.00	<20.00	228.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U357	(6)		06-Jul-94		IQL 013	IQL 013	IQL 013	IQL 013	IQL 013	IQL 013	IQL 013	IQL 013	IQL 013	IQL 013	IQL 013	IQL 013	IQL 013
01U357		172073	03-Aug-94	F44	<13.00	<62.90	41.30	<2.50	<5.00	<15.00	<20.00	227.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U357	(6)		03-Aug-94		IQM 012	IQM 012	IQM 012	IQM 012	IQM 012	IQM 012	IQM 012	IQM 012	IQM 012	IQM 012	IQM 012	IQM 012	IQM 012
01U357		207160	07-Sep-94	F44	<12.50	<62.90	42.30	<2.50	<5.00	<15.00	<20.00	201.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U357	(6)		07-Sep-94		IQQ 006	IQQ 006	IQQ 006	IQQ 006	IQQ 006	IQQ 006	IQQ 006	IQQ 006	IQQ 006	IQQ 006	IQQ 006	IQQ 006	IQQ 006
01U357			08-Sep-94	F44													
01U357	(6)		08-Sep-94														
01U357			08-Sep-94	F44													
01U357	(6)		08-Sep-94														
01U357			10-Oct-94	F45	<12.50	<62.90	43.30	<2.50	<5.00	<15.00	<20.00	179.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U357	(6)		10-Oct-94		IQU 013	IQU 013	IQU 013	IQU 013	IQU 013	IQU 013	IQU 013	IQU 013	IQU 013	IQU 013	IQU 013	IQU 013	IQU 013
01U357			08-Nov-94	F45	<12.50	<62.90	47.40	<2.50	<5.00	<15.00	<20.00	242.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U357	(6)		08-Nov-94		IQV 011	IQV 011	IQV 011	IQV 011	IQV 011	IQV 011	IQV 011	IQV 011	IQV 011	IQV 011	IQV 011	IQV 011	IQV 011
01U357			05-Dec-94	F45	<62.90	<2.50	39.20	<5.00	<15.00	<120.00	<1250.00	211.00	<37.10	<75.00	<100.00	<20.00	<13.00
01U357	(6)		05-Dec-94		IQW 014	IQW 014	IQW 014	IQW 014	IQW 014	IQW 014	IQW 014	IQW 014	IQW 014	IQW 014	IQW 014	IQW 014	IQW 014
01U357			17-Jan-95	F46	<12.50	<62.90	48.40	<2.50	<5.00	<15.00	<20.00	274.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U357	(6)		17-Jan-95		IQX 012	IQX 012	IQX 012	IQX 012	IQX 012	IQX 012	IQX 012	IQX 012	IQX 012	IQX 012	IQX 012	IQX 012	IQX 012
01U357			03-Mar-95	F46								265.00					<2.70
01U357	(6)		03-Mar-95									DRC 010					DRA 010
01U357			03-Apr-95	F47	<1.93	<4.81	70.10	<1.47	<0.10	<2.18	9.09	238.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U357	(6)		03-Apr-95		DSR 010	DSI 010	DSJ 010	DSK 010	DSL 010	DSM 010	DSN 010	DSU 010	DSP 010	DSO 010	DSH 010	DSQ 010	DSS 010
01U357			08-May-95	F47	<1.93	<4.81	57.60	<1.47	<0.10	<2.18	10.70	238.00	7.56	2.91	<10.00	<3.06	<2.70
01U357	(6)		08-May-95		DYK 010	DYB 010	DYC 010	DYD 010	DYE 010	DYF 028	DYG 026	DYN 010	DYI 026	DYH 026	DYA 019	DYJ 010	DYL 010
01U357			01-Jun-95	F47	<1.93	<4.81	56.10	<1.47	0.42	<2.18	4.78	213.00	15.30	3.23	<10.00	<3.06	<2.70
01U357	(6)		01-Jun-95		ECV 020	ECM 010	ECN 020	ECO 010	ECP 010	ECQ 015	ECR 010	ECY 010	ECT 010	ECS 010	ECL 015	ECU 020	ECW 020
01U357			11-Jul-95	F48	<1.93	<4.81	69.60	<1.47	0.38	<2.18	5.12	222.00	<5.94	4.54	<10.00	<3.06	<2.70
01U357	(6)		11-Jul-95		EMW 010	EMN 010	EMO 010	EMP 010	EMQ 027	EMR 027	EMS 010	EMZ 010	EMU 027	EMT 010	EMM 027	EMV 010	EMX 010
01U357			08-Aug-95	F48	<1.93	<4.81	63.70	<1.47	0.53	<2.18	3.24	190.00	6.30	<2.65	<10.00	<3.06	<2.70
01U357	(6)		08-Aug-95		ERY 010	ERP 010	ERQ 027	ERR 024	ERS 028	ERT 028	ERU 028	ESB 010	ERW 028	ERV 066	ERO 028	ERX 010	ERZ 010
01U357			07-Sep-95	F48	<1.93	<4.81	52.90	<15.00	0.32	<2.18	9.60	173.00	R 6.31	R <2.65	<10.00	R <3.06	<2.70
01U357	(6)		07-Sep-95		EVR 059	EVI 027	EVJ 128	EVK 128	EVL 031	EVM 012	EVN 156	EVU 010	EVP 065	EVO 075	EVH 026	EVQ 010	EVS 010
01U357		NC	15-Dec-95	C49	<12.50	<62.90	48.40	<2.50	<5.00	<15.00	32.10	219.00	<63.10	<100.00	<37.10	<75.00	<100.00

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U357		106330	13-May-94	F43	<0.74	<8.17				29.50				
01U357	(6)		13-May-94		IJQ 011	IMG 012				IQJ 013	IQJ 013			
01U357		125210	09-Jun-94	F43	<0.74					26.40				
01U357	(6)		09-Jun-94		IJR 010					IQK 015				
01U357		144800	06-Jul-94	F44	<0.74					23.40				
01U357	(6)		06-Jul-94		IJS 012					IQL 013				
01U357		172073	03-Aug-94	F44	<0.74					29.50				
01U357	(6)		03-Aug-94		IJT 011					IQM 012				
01U357		207160	07-Sep-94	F44	<0.74					27.50				
01U357	(6)		07-Sep-94		IJV 012					IQQ 006				
01U357			08-Sep-94	F44									<30.90	
01U357	(6)		08-Sep-94										IQS 012	
01U357			08-Sep-94	F44									<30.90	
01U357	(6)		08-Sep-94										IQS 015	
01U357			10-Oct-94	F45	<0.74					40.70				
01U357	(6)		10-Oct-94		IJX 013					IQU 013				
01U357			08-Nov-94	F45	<0.74					B 50.90				
01U357	(6)		08-Nov-94		IJY 013					IQV 011				
01U357			05-Dec-94	F45	<0.74					17.00				
01U357	(6)		05-Dec-94		IJZ 014					IQW 014				
01U357			17-Jan-95	F46	<0.74					B 34.60				
01U357	(6)		17-Jan-95		JDA 011					IQX 012				
01U357			03-Mar-95	F46	<0.70					<29.40				
01U357	(6)		03-Mar-95		DRD 012					DRB 010				
01U357			03-Apr-95	F47	<0.70					34.10				
01U357	(6)		03-Apr-95		DSV 012					DST 010				
01U357			08-May-95	F47	<0.70					47.10				
01U357	(6)		08-May-95		DYO 012					DYM 026				
01U357			01-Jun-95	F47	<0.70					44.10				
01U357	(6)		01-Jun-95		ECZ 019					ECX 010				
01U357			11-Jul-95	F48	<0.70					62.10				
01U357	(6)		11-Jul-95		ENA 019					EMY 010				
01U357			08-Aug-95	F48	L <0.70					84.20				
01U357	(6)		08-Aug-95		ESC 030					ESA 024				
01U357			07-Sep-95	F48	<0.70					R 88.20				
01U357	(6)		07-Sep-95		EVV 012					EVT 034				
01U357		NC	15-Dec-95	C49	<0.74					31.50				

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U357	(6)		15-Dec-95		IRM 012	IRM 012	IRM 012	IRM 012	IRM 012	IRM 012	IRM 012	IRM 012	IRM 012	IRM 012	IRM 012	IRM 012	IRM 012
01U357		NC	11-Mar-96	C50	<12.50	<62.90	56.50	<2.50	<5.00	<15.00	<20.00	251.00	<63.10	<100.00	60.00	<75.00	<100.00
01U357	(6)		11-Mar-96		IRP 014	IRP 014	IRP 014	IRP 014	IRP 014	IRP 014	IRP 014	IRP 014	IRP 014	IRP 014	IRP 014	IRP 014	IRP 014
01U357		NC	19-Jun-96	C51	<10.00	4.32	71.40	<1.12	<6.78	<16.80	<18.80	261.00	<32.10	6.03	<10.00	<2.53	<10.00
01U357	(6)		19-Jun-96		AXQC 011	AXQD 011	AXQC 011	XQC 011	AXQC 011	AXQC 011	AXQC 011	AXQC 011	AXQC 011	AXQE 011	AXQH 011	AXQF 011	AXQG 011
01U357	(4)	NC	19-Jun-96	C51	<10.00	3.91	67.50	<1.12	<6.78	<16.80	<18.80	253.00	<32.10	5.44	<10.00	<2.53	<10.00
01U357	(6)		19-Jun-96		AXQC 012	AXQD 012	AXQC 012	XQC 012	AXQC 012	AXQC 012	AXQC 012	AXQC 012	AXQC 012	AXQE 012	AXQH 012	AXQF 012	AXQG 012
01U357		NC	12-Sep-96	C52	<10.00	3.96	73.80	<1.12	<6.78	<16.80	37.90	269.00	<32.10	8.38	<6.00	<2.53	<5.00
01U357	(6)		12-Sep-96		AYZZ 023	AZAA 023	AYZZ 023	YZZ 023	AYZZ 023	AYZZ 023	AYZZ 023	AYZZ 023	AYZZ 023	AZAB 023	AZAF 034	AZAC 023	AZAE 034
01U358		48771	10-Mar-94	F42		<3.00	<20.00		<5.00	<15.00			<5.00	<4.00			
01U358	(6)		10-Mar-94			EAZ 008	IQE 007		IQE 007	IQE 007			EOX 008	EQA 008			
01U358		106330	13-May-94	F43		<3.00							<5.00	16.40			
01U358	(6)		13-May-94			ESM 012							EWB 012	EQF 012			
01U358		125210	09-Jun-94	F43	<13.00	<3.00	43.30	<2.50	<5.00	<15.00	<20.00	180.00	<5.00	<4.00	<37.10	<75.00	<100.00
01U358	(6)		09-Jun-94		IQKK 013	ESN 012	IQK 016	IQK 016	IQK 016	IQK 016	IQK 016	IQKK 013	EXA 012	EQG 012	IQK 016	IQK 016	IQK 016
01U358		144800	06-Jul-94	F44	<13.00	<62.90	84.70	<2.50	<5.00	<15.00	28.10	176.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)		06-Jul-94		IQL 014	IQL 014	IQL 014	IQL 014	IQL 014	IQL 014	IQL 014	IQL 014	IQL 014	IQL 014	IQL 014	IQL 014	IQL 014
01U358		172073	03-Aug-94	F44	<13.00	<62.90	34.30	<2.50	<5.00	<15.00	<20.00	168.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)		03-Aug-94		IQM 013	IQM 013	IQM 013	IQM 013	IQM 013	IQM 013	IQM 013	IQM 013	IQM 013	IQM 013	IQM 013	IQM 013	IQM 013
01U358	(4)		03-Aug-94	F44	<13.00	<62.90	41.30	<2.50	<5.00	<15.00	<20.00	222.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)		03-Aug-94		IQM 014	IQM 014	IQM 014	IQM 014	IQM 014	IQM 014	IQM 014	IQM 014	IQM 014	IQM 014	IQM 014	IQM 014	IQM 014
01U358		207160	07-Sep-94	F44	<12.50	<62.90	37.30	<2.50	<5.00	<15.00	<20.00	164.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)		07-Sep-94		IQQ 007	IQQ 007	IQQ 007	IQQ 007	IQQ 007	IQQ 007	IQQ 007	IQQ 007	IQQ 007	IQQ 007	IQQ 007	IQQ 007	IQQ 007
01U358	(4)	207160	07-Sep-94	F44	<12.50	<62.90	37.30	<2.50	<5.00	<15.00	<20.00	164.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)		07-Sep-94		IQQ 010	IQQ 010	IQQ 010	IQQ 010	IQQ 010	IQQ 010	IQQ 010	IQQ 010	IQQ 010	IQQ 010	IQQ 010	IQQ 010	IQQ 010
01U358			08-Sep-94	F44													
01U358	(6)		08-Sep-94														
01U358			10-Oct-94	F45	<12.50	<62.90	37.30	<2.50	<5.00	<15.00	<20.00	155.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)		10-Oct-94		IQU 014	IQU 014	IQU 014	IQU 014	IQU 014	IQU 014	IQU 014	IQU 014	IQU 014	IQU 014	IQU 014	IQU 014	IQU 014
01U358			08-Nov-94	F45	<12.50	<62.90	43.30	<2.50	<5.00	<15.00	<20.00	190.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)		08-Nov-94		IQV 012	IQV 012	IQV 012	IQV 012	IQV 012	IQV 012	IQV 012	IQV 012	IQV 012	IQV 012	IQV 012	IQV 012	IQV 012
01U358	(4)		08-Nov-94	F45	<12.50	<62.90	44.40	<2.50	<5.00	<15.00	<20.00	187.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)		08-Nov-94		IQV 013	IQV 013	IQV 013	IQV 013	IQV 013	IQV 013	IQV 013	IQV 013	IQV 013	IQV 013	IQV 013	IQV 013	IQV 013
01U358			05-Dec-94	F45	<62.90	<2.50	91.20	<5.00	<15.00	<120.00	<1250.00	168.00	<37.10	<75.00	<100.00	<20.00	<13.00
01U358	(6)		05-Dec-94		IQW 015	IQW 015	IQW 015	IQW 015	IQW 015	IQW 015	IQW 015	IQW 015	IQW 015	IQW 015	IQW 015	IQW 015	IQW 015
01U358			17-Jan-95	F46	<12.50	<62.90	44.40	<2.50	<5.00	<15.00	<20.00	170.00	<63.10	<100.00	<37.10	<75.00	<100.00

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U357	(6)		15-Dec-95		JDQ 014					IRM 012				
01U357		NC	11-Mar-96	C50	<0.74					21.40				
01U357	(6)		11-Mar-96		JDW 013					IRP 014				
01U357		NC	19-Jun-96	C51	<0.10					<18.00				
01U357	(6)		19-Jun-96		AXRX 011					AXQC 011				
01U357	(4)	NC	19-Jun-96	C51	<0.10					<18.00				
01U357	(6)		19-Jun-96		AXRX 012					AXQC 012				
01U357		NC	12-Sep-96	C52	<0.10					29.60				
01U357	(6)		12-Sep-96		AZBJ 012					AYZZ 023				
01U358		48771	10-Mar-94	F42	<0.74					13.20	<1.00			<20.00
01U358	(6)		10-Mar-94		IJN 010					IQE 007	EOY 008			IQE 007
01U358		106330	13-May-94	F43	<0.74	<8.17								
01U358	(6)		13-May-94		IJQ 012	IMG 013								
01U358		125210	09-Jun-94	F43	<0.74					67.10				
01U358	(6)		09-Jun-94		IJR 011					IQK 016				
01U358		144800	06-Jul-94	F44	<0.74					808.00				
01U358	(6)		06-Jul-94		IJS 013					IQL 014				
01U358		172073	03-Aug-94	F44	<0.74					35.60				
01U358	(6)		03-Aug-94		IJT 014					IQM 013				
01U358	(4)		03-Aug-94	F44	<0.74					25.40				
01U358	(6)		03-Aug-94		IJT 015					IQM 014				
01U358		207160	07-Sep-94	F44	<0.74					36.60				
01U358	(6)		07-Sep-94		IJV 013					IQQ 007				
01U358	(4)	207160	07-Sep-94	F44	<0.74					34.60				
01U358	(6)		07-Sep-94		IJV 014					IQQ 010				
01U358			08-Sep-94	F44									<30.90	
01U358	(6)		08-Sep-94										IQS 013	
01U358			10-Oct-94	F45	<0.74					54.90				
01U358	(6)		10-Oct-94		IJX 014					IQU 014				
01U358			08-Nov-94	F45	<0.74					B 52.90				
01U358	(6)		08-Nov-94		IJY 014					IQV 012				
01U358	(4)		08-Nov-94	F45	<0.74					B 38.7				
01U358	(6)		08-Nov-94		IJY 015					IQV 013				
01U358			05-Dec-94	F45	<0.74					13.00				
01U358	(6)		05-Dec-94		IJZ 015					IQW 015				
01U358			17-Jan-95	F46	<0.74					B 30.50				

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well	Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)				0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U358	(6)	17-Jan-95		IQX 013	IQX 013	IQX 013	IQX 013	IQX 013	IQX 013	IQX 013	IQX 013	IQX 013	IQX 013	IQX 013	IQX 013	IQX 013
01U358	(4)	17-Jan-95	F46	<12.50	<62.90	44.40	<2.50	<5.00	<15.00	<20.00	175.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)	17-Jan-95		IQX 014	IQX 014	IQX 014	IQX 014	IQX 014	IQX 014	IQX 014	IQX 014	IQX 014	IQX 014	IQX 014	IQX 014	IQX 014
01U358		08-Feb-95	F46	<1.93				<0.10	<2.18	30.00		<5.94	<2.65			
01U358	(6)	08-Feb-95		DPY 016				DPS 017	DPT 017	DPU 019		DPW 017	DPV 010			
01U358		03-Mar-95	F46								183.00					<2.70
01U358	(6)	03-Mar-95									DRC 011					DRA 011
01U358		03-Apr-95	F47	<1.93	<4.81	63.30	<1.47	<0.10	<2.18	39.00	161.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U358	(6)	03-Apr-95		DSR 007	DSI 007	DSJ 007	DSK 007	DSL 007	DSM 007	DSN 007	DSU 007	DSP 007	DSO 007	DSH 007	DSQ 007	DSS 007
01U358		08-May-95	F47	<1.93	<4.81	57.70	<1.47	<0.10	<2.18	8.82	181.00	23.40	<2.65	<10.00	<3.06	<2.70
01U358	(6)	08-May-95		DYK 007	DYB 007	DYC 007	DYD 007	DYE 007	DYF 025	DYG 023	DYN 007	DYI 023	DYH 023	DYA 016	DYJ 007	DYL 007
01U358		01-Jun-95	F47	<1.93	<4.81	52.70	<1.47	0.13	<2.18	8.97	175.00	11.90	3.80	<10.00	<3.06	<2.70
01U358	(6)	01-Jun-95		ECV 021	ECM 011	ECN 021	ECO 011	ECP 011	ECQ 016	ECR 011	ECY 011	ECT 011	ECS 011	ECL 016	ECU 021	ECW 021
01U358		11-Jul-95	F48	<1.93	<4.81	68.80	<1.47	0.31	<2.18	8.16	193.00	<5.94	<2.65	<10.00	<3.06	<2.70
01U358	(6)	11-Jul-95		EMW 011	EMN 011	EMO 011	EMP 011	EMQ 028	EMR 028	EMS 011	EMZ 011	EMU 028	EMT 011	EMM 028	EMV 011	EMX 011
01U358		08-Aug-95	F48	<1.93	<4.81	59.80	<1.47	0.32	<2.18	7.89	153.00	<5.94	4.29	<10.00	<3.06	<2.70
01U358	(6)	08-Aug-95		ERY 011	ERP 011	ERQ 029	ERR 025	ERS 029	ERT 029	ERU 029	ESB 011	ERW 029	ERV 068	ERO 029	ERX 011	ERZ 011
01U358		07-Sep-95	F48	<1.93	<4.81	52.00	<15.00	0.35	<2.18	34.00	157.00	R 6.73	R 3.78	<10.00	R <3.06	<2.70
01U358	(6)	07-Sep-95		EVR 139	EVI 028	EVJ 132	EVK 130	EVL 033	EVM 013	EVN 159	EVU 011	EVP 066	EVO 077	EVH 028	EVQ 011	EVS 011
01U358	NC	15-Dec-95	C49	<12.50	<62.90	51.40	<2.50	<5.00	<15.00	<20.00	164.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)	15-Dec-95		IRM 013	IRM 013	IRM 013	IRM 013	IRM 013	IRM 013	IRM 013	IRM 013	IRM 013	IRM 013	IRM 013	IRM 013	IRM 013
01U358	NC	11-Mar-96	C50	<12.50	<62.90	52.40	<2.50	<5.00	<15.00	<20.00	161.00	<63.10	<100.00	<37.10	<75.00	<100.00
01U358	(6)	11-Mar-96		IRP 013	IRP 013	IRP 013	IRP 013	IRP 013	IRP 013	IRP 013	IRP 013	IRP 013	IRP 013	IRP 013	IRP 013	IRP 013
01U358	NC	19-Jun-96	C51	<10.00	4.00	81.10	<1.12	<6.78	<16.80	90.40	221.00	<32.10	53.80	<10.00	<2.53	<10.00
01U358	(6)	19-Jun-96		AXQC 013	AXQD 013	AXQC 013	XQC 013	AXQC 013	AXQC 013	AXQC 013	AXQC 013	AXQC 013	AXQE 013	AXQH 013	AXQF 013	AXQG 013
01U358	NC	12-Sep-96	C52	<10.00	<2.35	51.80	<1.12	<6.78	<16.80	<18.80	183.00	<32.10	14.90	<6.00	<2.53	<5.00
01U358	(6)	12-Sep-96		AYZZ 020	AZAA 020	AYZZ 020	YZZ 020	AYZZ 020	AYZZ 020	AYZZ 020	AYZZ 020	AYZZ 020	AZAB 020	AZAF 031	AZAC 020	AZAE 031
01U604		01-Mar-94	M42	<1.00			<0.20				6900.00	22.00		<6.00	<5.00	7.00
01U611		01-Mar-94	M42	<1.00			<0.20				160.00	<20.00		<6.00	<5.00	<2.00
01U901	NC	11-Mar-94	F42		<3.00	35.30		<5.00	<15.00			66.00	<4.00			
01U901	(6)	11-Mar-94			EAY 022	IQC 024		IQC 024	IQC 024			EOS 021	EBY 022			
01U901	NC	12-Sep-94	F44	<12.50						<20.00	121.00			<37.10	<75.00	<100.00
01U901	(6)	12-Sep-94		IQS 017						IQS 017	IQS 017			IQS 017	IQS 017	IQS 017

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well	Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)				1.00	100.00				700.00	1.00			20.00
01U358 (6)		17-Jan-95		JDA 012					IQX 013				
01U358 (4)		17-Jan-95	F46	<0.74					B 34.6				
01U358 (6)		17-Jan-95		JDA 013					IQX 014				
01U358		08-Feb-95	F46	<0.70					<29.40				
01U358 (6)		08-Feb-95		DQC 011					DQA 017				
01U358		03-Mar-95	F46	<0.70					<29.40				
01U358 (6)		03-Mar-95		DRD 015					DRB 011				
01U358		03-Apr-95	F47	<0.70					52.10				
01U358 (6)		03-Apr-95		DSV 009					DST 007				
01U358		08-May-95	F47	<0.70					35.10				
01U358 (6)		08-May-95		DYO 009					DYM 023				
01U358		01-Jun-95	F47	<0.70					<29.40				
01U358 (6)		01-Jun-95		ECZ 020					ECX 011				
01U358		11-Jul-95	F48	<0.70					70.10				
01U358 (6)		11-Jul-95		ENA 020					EMY 011				
01U358		08-Aug-95	F48	L <0.70					100.00				
01U358 (6)		08-Aug-95		ESC 031					ESA 025				
01U358		07-Sep-95	F48	<0.70					R 127.00				
01U358 (6)		07-Sep-95		EVV 015					EVT 035				
01U358	NC	15-Dec-95	C49	<0.74					91.60				
01U358 (6)		15-Dec-95		JDQ 015					IRM 013				
01U358	NC	11-Mar-96	C50	<0.74					42.70				
01U358 (6)		11-Mar-96		JDW 012					IRP 013				
01U358	NC	19-Jun-96	C51	<0.10					140.00				
01U358 (6)		19-Jun-96		AXRX 013					AXQC 013				
01U358	NC	12-Sep-96	C52	<0.10					50.70				
01U358 (6)		12-Sep-96		AZBJ 009					AYZZ 020				
01U604		01-Mar-94	M42	<0.20					1000.00				
01U611		01-Mar-94	M42	<0.20					<20.00				
01U901	NC	11-Mar-94	F42	<0.74					<13.00	<1.00			<20.00
01U901 (6)		11-Mar-94		IJM 026					IQC 024	EOR 022			IQC 024
01U901	NC	12-Sep-94	F44									<30.90	
01U901 (6)		12-Sep-94										IQS 017	

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)					0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
01U902	(5)	62588	23-Mar-94	F42		<3.00	103.00		<5.00	<15.00			<5.00	<4.00			
01U902	(6)		23-Mar-94			EAZ 012	IQE 015		IQE 015	IQE 015			EOX 013	EQA 013			
01U902		NC	12-Sep-94	F44	<12.50						<20.00	675.00			<37.10	<75.00	<100.00
01U902	(6)		12-Sep-94		IQS 018						IQS 018	IQS 018			IQS 018	IQS 018	IQS 018
01U903		NC	11-Mar-94	F42		<3.00	80.60		<5.00	<15.00			250.00	<4.00			
01U903	(6)		11-Mar-94			EAY 021	IQC 023		IQC 023	IQC 023			EOS 020	EBY 021			
01U903		106330	13-May-94	F43		<3.00	138.00		<5.00	5500.00	23.10		380.00	<4.00			
01U903	(6)		13-May-94			ESM 015	IQJ 017		IQJ 017	IQJ 017			EWB 016	EQF 015			
01U903			09-Jun-94	M43		6.10			< 0.05	4300.00	10.00		360.00	< 1.00	6.10		
01U903			03-Aug-94	M44		2.00				6.40			320.00		< 2.00		
01U903			03-Aug-94	M44		2.20				12.00			340.00		< 2.00		
01U903		NC	12-Sep-94	F44	<12.50						<20.00	189.00			<37.10	<75.00	<100.00
01U903	(6)		12-Sep-94		IQS 019						IQS 019	IQS 019			IQS 019	IQS 019	IQS 019
01U904			11-Mar-94	F42													
01U904	(6)		11-Mar-94														
01U904	(5)	NC	11-Mar-94	F42		<3.00	89.70		<5.00	<15.00			270.00	<4.00			
01U904	(6)		11-Mar-94			EAY 020	IQC 022		IQC 022	IQC 022			EOS 023	EBY 020			
01U904		106330	13-May-94	F43		<3.00	67.50		<5.00	8000.00	29.10		330.00	<4.00			
01U904	(6)		13-May-94			ESM 016	IQJ 018		IQJ 018	IQJ 018	IQJ 018		EWB 017	EQF 016			
01U904	(4)		13-May-94	F43		<3.00	74.60		<5.00	10000.00	38.20		350.00	<4.00			
01U904	(6)		13-May-94			ESM 018	IQJ 020		IQJ 020	IQJ 020	IQJ 020		EWB 018	EQF 018			
01U904			09-Jun-94	M43		< 1.00			< 0.05	210.00	5.60		310.00	< 1.00	< 2.00		
01U904			03-Aug-94	M44		< 1.00				12.00			330.00		< 2.00		
01U904			03-Aug-94	M44		< 1.00				6.30			270.00		< 2.00		
01U904		NC	12-Sep-94	F44	<12.50						<20.00	47.20			<37.10	<75.00	<100.00
01U904	(6)		12-Sep-94		IQS 020						IQS 020	IQS 020			IQS 020	IQS 020	IQS 020
03U032			09-Nov-93	M41							<10.00	<10.00		<2.00			
03U087		53384	15-Mar-94	F42													
03U087	(6)		15-Mar-94														
03U087			22-Mar-95	F46													
03U087	(6)		22-Mar-95														
03U087		NC	26-Jun-96	C51													
03U087	(6)		26-Jun-96														

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well		Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)					1.00	100.00				700.00	1.00			20.00
01U902	(5)	62588	23-Mar-94	F42	<0.74					13.20	<1.00			<20.00
01U902	(6)		23-Mar-94		IJN 018					IQE 015	EOY 013			IQE 015
01U902		NC	12-Sep-94	F44									<30.90	
01U902	(6)		12-Sep-94										IQS 018	
01U903		NC	11-Mar-94	F42	<0.74					<13.00	3.33			<20.00
01U903	(6)		11-Mar-94		IJM 025					IQC 023	EOR 021			IQC 023
01U903		106330	13-May-94	F43	<0.74	<8.17				25.40				
01U903	(6)		13-May-94		IJQ 017	IMG 016				IQJ 017	IQJ 017			
01U903			09-Jun-94	M43	< 0.10					2.60				3.50
01U903			03-Aug-94	M44										
01U903			03-Aug-94	M44										
01U903		NC	12-Sep-94	F44									39.50	
01U903	(6)		12-Sep-94										IQS 019	
01U904			11-Mar-94	F42	<0.74									
01U904	(6)		11-Mar-94		IJM 024									
01U904	(5)	NC	11-Mar-94	F42						<13.00	1.53			<20.00
01U904	(6)		11-Mar-94							IQC 022	EOR 020			IQC 022
01U904		106330	13-May-94	F43	<0.74					22.40				
01U904	(6)		13-May-94		IJQ 018					IQJ 018				
01U904	(4)		13-May-94	F43	<0.74					24.40				
01U904	(6)		13-May-94		IJQ 020					IQJ 020				
01U904			09-Jun-94	M43	< 0.10					24.00				< 2.00
01U904			03-Aug-94	M44										
01U904			03-Aug-94	M44										
01U904		NC	12-Sep-94	F44									<30.90	
01U904	(6)		12-Sep-94										IQS 020	
03U032			09-Nov-93	M41						<20.00				
03U087		53384	15-Mar-94	F42		<8.17	650.00	<10.30	24.60					
03U087	(6)		15-Mar-94			IMD 004	IAX 004	IIS 004	ISB 004					
03U087			22-Mar-95	F46			3.86	<12.10	15.10					
03U087	(6)		22-Mar-95				DRZ 012	DRY 012	DSD 009					
03U087		NC	26-Jun-96	C51		<5.00	1400.00	<50.00	12.20					
03U087	(6)		26-Jun-96			AYAI 005	AXXB 008	AXSQ 002	AXSA 009					

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well	Trip Blank Lab #	Date	Qtr (2)	Silver AG (ug/l)	Arsenic AS (ug/l)	Barium BA (ug/l)	Beryllium BE (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Manganese MN (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Antimony SB (ug/l)	Selenium SE (ug/l)	Thallium TL (ug/l)
TCAAP GW Action Criteria - ug/l (3)				0.09	0.20	1000.00	0.08	4.00	50.00	1.00		70.00	5.00	1.00	10.00	0.30
03U094		09-Nov-93	M41							<10.00	<10.00		<2.00			
03U112	NC	12-Sep-94	F44													
03U112	(6)	12-Sep-94														
03U112		14-Mar-95	F46													
03U112	(6)	14-Mar-95														
03U112	NC	25-Jun-96	C51													
03U112	(6)	25-Jun-96														
03U121	NC	12-Sep-94	F44													
03U121	(6)	12-Sep-94														
03U121		22-Mar-95	F46													
03U121	(6)	22-Mar-95														
03U121	NC	25-Jun-96	C51													
03U121	(6)	25-Jun-96														
234301		16-Nov-93	M41		<2.00		<0.10	0.20	<10.00	10.00	430.00	<20.00	<2.00	<6.00		<2.00
234317		16-Nov-93	M41		<2.00		<0.10	0.20	<10.00	<10.00	550.00	<20.00	<2.00	<6.00		<2.00
234332		17-Nov-93	M41		<2.00		<0.10	<0.20	<10.00	20.00	50.00	<20.00	<2.00	<6.00		<2.00
234356		16-Nov-93	M41		<2.00		<0.10	0.20	<10.00	<10.00	290.00	<20.00	<2.00	<6.00		<2.00
234356		06-Apr-94	M43								310.00					
234356		06-Apr-94	M43								580.00					
234357		28-Oct-93	M41		<2.00		<0.20	0.30	1.00	10.00	610.00	<20.00	7.00	<6.00		<2.00
482083		01-Mar-94	M42	<1.00			<0.20				100.00	170.00		<6.00	<5.00	<2.00
482084		01-Mar-94	M42	<1.00			<0.20				<10.00	<20.00		<6.00	<5.00	<2.00
482085		01-Mar-94	M42	<1.00			<0.20				570.00	<20.00		<6.00	<5.00	<2.00
520931		06-Dec-94	C45		<3.00											
520931	(6)	06-Dec-94			ESY 002											

TABLE II - 3
Groundwater Quality Data (Inorganics) - (1)

Well	Trip Blank Lab #	Date	Qtr (2)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Nitrate NIT (ug/l)	Ortho phos-phates PO4ORT (ug/l)	Total Phos-phates TPO4 (ug/l)	Zinc ZN (ug/l)	Cobalt CO (ug/l)	Iron FE (ug/l)	olybdenum MO (ug/l)	Vanadium V (ug/l)
TCAAP GW Action Criteria - ug/l (3)				1.00	100.00				700.00	1.00			20.00
03U094		09-Nov-93	M41						<20.00				
03U112	NC	12-Sep-94	F44		<8.17	8400.00	26.20	14.00					
03U112	(6)	12-Sep-94			IMJ 004	IWB 005	IXB 004	ISH 005					
03U112		14-Mar-95	F46			18.50	<12.10	22.10					
03U112	(6)	14-Mar-95				DRS 009	DRR 013	DSD 006					
03U112	NC	25-Jun-96	C51		<5.00	2600.00	<50.00	24.30					
03U112	(6)	25-Jun-96			AXSG 007	AXXB 007	AXSU 003	AXSA 008					
03U121	NC	12-Sep-94	F44		<8.17	770.00	15.20	20.10					
03U121	(6)	12-Sep-94			IMJ 005	IWB 006	IXB 007	ISH 006					
03U121		22-Mar-95	F46			3.36	<12.10	26.10					
03U121	(6)	22-Mar-95				DRZ 009	DRY 009	DSD 008					
03U121	NC	25-Jun-96	C51		<5.00	550.00	<50.00	27.50					
03U121	(6)	25-Jun-96			AXSG 006	AXXB 006	AXSU 002	AXSA 007					
234301		16-Nov-93	M41	<0.20					50.00		400.00		<2.00
234317		16-Nov-93	M41	<0.20					<20.00		120.00		<2.00
234332		17-Nov-93	M41	<0.20					110.00		1300.00		<2.00
234356		16-Nov-93	M41	<0.20					<410.00		270.00		<2.00
234356		06-Apr-94	M43										
234356		06-Apr-94	M43										
234357		28-Oct-93	M41	<0.20					570.00		70.00		<2.00
482083		01-Mar-94	M42	<0.20					<20.00				
482084		01-Mar-94	M42	<0.20					<20.00				
482085		01-Mar-94	M42	<0.20					<20.00				
520931		06-Dec-94	C45										
520931	(6)	06-Dec-94											

Table II-4

Groundwater Quality Data (PCBs)

Notes:

(1) Qtr = Quarter. Under this heading, A = Alliant Techsystems Inc.

TABLE II - 4
Groundwater Quality Data (PCBs) - ug/l

Location (1)	Date	Qtr (2)	Lot #	PCB016	PCB242	PCB248	PCB254	PCB260
01U636	13-Jun-96	A51	AXOF 003	<0.39	<0.39	<0.39	<0.18	<0.18
01U640	13-Jun-96	A51	AXOF 004	<0.39	<0.39	<0.39	<0.18	<0.18

Table II-5

Surface Water Quality Data (PCBs)

Notes:

(1) Sites refer to monitoring locations illustrated on Figure IV-39 of this report.

(2) Qtr = Quarter. Under this heading, F = FCC and A = Alliant Techsystems Inc.

(3) Duplicate sample collected for QA/QC purposes.

(4) Field blank collected at this location. See Appendix C.3 for FY 1996 field blank data.

TABLE II - 5
Surface Water Quality Data (PCBs) - ug/l

Location (1)	Sample Lab #	Date	Qtr (2)	Lot #	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260
20100	2900-05	12-May-94	F43	CLZ 016	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
20100	5413-02	02-May-95	F47	DWO 008	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
20100	96U02293	28-Jun-96	A51	AXVY 012	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
20200	2900-09	12-May-94	F43	CLZ 020	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
20200	5413-04	02-May-95	F47	DWO 010	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
20200 (4)	96U02288	28-Jun-96	A51	AXVY 007	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
20200 (3,4)	96U02289	28-Jun-96	A51	AXVY 008	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
20300	2900-10	12-May-94	F43	CLZ 021	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
20300	5413-03	02-May-95	F47	DWO 009	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
20300	96U02287	28-Jun-96	A51	AXVY 006	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
20400	2872-02	09-May-94	F43	CLY 008	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
20400	5413-14	03-May-95	F47	DXN 011	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
20400	96U02285	28-Jun-96	A51	AXVY 004	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
20500	2872-05	09-May-94	F43	CLY 012	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
20500	5413-12	03-May-95	F47	DXN 009	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
20500	96U02286	28-Jun-96	A51	AXVY 005	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
20700	2900-02	12-May-94	F43	CLZ 011	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
20700	5413-01	02-May-95	F47	DWO 007	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
20700	96U02292	28-Jun-96	A51	AXVY 011	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
20800	2872-03	09-May-94	F43	CLY 009	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
20800	5413-13	03-May-95	F47	DXN 010	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
20800	96U02284	28-Jun-96	A51	AXVY 003	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00

TABLE II - 5
Surface Water Quality Data (PCBs) - ug/l

Location (1)	Sample Lab #	Date	Qtr (2)	Lot #	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260
20900	2872-06	09-May-94	F43	CLY 013	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
20900	5413-10	03-May-95	F47	DXN 007	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
20900	96U02299	28-Jun-96	A51	AXVY 018	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
21000	2872-04	09-May-94	F43	CLY 010	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
21000	5413-15	03-May-95	F47	DXN 012	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
21000	96U02298	28-Jun-96	A51	AXVY 017	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
21100	2900-07	12-May-94	F43	CLZ 017	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
21100	5413-05	02-May-95	F47	DWO 011	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
21100	96U02291	28-Jun-96	A51	AXVY 010	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
21200	2900-04	12-May-94	F43	CLZ 015	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
21200	5413-06	02-May-95	F47	DWO 012	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
21200	96U02294	28-Jun-96	A51	AXVY 013	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
21300	2900-03	12-May-94	F43	CLZ 012	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
21300	5413-07	02-May-95	F47	DWO 013	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
21300	96U02295	28-Jun-96	A51	AXVY 014	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
21400	2900-04	12-May-94	F43	CLZ 013	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
21400	5413-08	02-May-95	F47	DWO 014	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
21400	96U02296	28-Jun-96	A51	AXVY 015	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
21600	2900-08	12-May-94	F43	CLZ 019	<1.00		<0.10	<0.10	<0.10	<0.10	<0.10
21600	5413-11	03-May-95	F47	DXN 008	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
21600	96U02297	28-Jun-96	A51	AXVY 016	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00

Table II-6

Surface Water Quality Data (Organics)

Notes:

(1) Sites refer to monitoring locations illustrated on Figure IV-39 of this report.

(2) Qtr = Quarter. Under this heading, F = FCC and A = Alliant Techsystems Inc.

(3) TCAAP SW Action Criteria = surface water action criteria set forth in Table 3.7B of the Federal Facilities Agreement.

(4) Duplicate sample collected for QA/QC purposes.

(5) Field blank collected at this location. See Appendix C.1 for FY 1996 field blank data.

NC Trip blank not collected.

Shading denotes FY 1996 exceedances or potential exceedances of TCAAP action criteria. Exceedances are concentrations greater than the TCAAP action criteria. Potential exceedances are values reported as "less than the method detection limit," where the method detection limit is greater than the TCAAP action criteria.

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #		Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)							15	0.33	18000	9.4			
20100	1325-06	(5)	NC	07-Oct-93	F41	BYR 008						<1000.00	
20100	1699-07		1699-01	11-Nov-93	F41	CCQ 010	<1.04	<1.01	<1.16	<0.97	<1.41	2000.00	<5000.00
20100	1900-04		NC	08-Dec-93	F41	CDR 006						<1000.00	
20100	2129-01		NC	13-Jan-94	F42	CIY 003						<1000.00	
20100	2291-01		NC	10-Feb-94	F42	CJP 009						<1000.00	14000.00
20100	2464-04		NC	10-Mar-94	F42	CKG 006						<1000.00	
20100	2465-04		NC	10-Mar-94	F42	CKK 007	<1.04	<1.01	<1.16	<0.97	<1.41		
20100	2663-04		NC	11-Apr-94	F43	CKP 006						<1000.00	
20100	2900-06		2900-01	12-May-94	F43	CLC 006	<1.04	<1.01	<1.16	<0.97	<1.41	1000.00	29.00
20100	3066-04		NC	01-Jun-94	F43	CPR 006						<1000.00	
20100	3480-04		NC	22-Jul-94	F44	CZB 006						<1000.00	
20100	3750-07		3750-01	25-Aug-94	F44	DEE 009						<1000.00	21000.00
20100	3750-07		3750-01	25-Aug-94	F44	DEO 010	<1.04	<1.01	<1.16	<0.97	<1.41		
20100	4026-04		NC	28-Sep-94	F44	DIW 006						2000.00	
20100	4106-04		NC	07-Oct-94	F45	DKO 006						3000.00	
20100	4343-01		NC	09-Nov-94	F45	DNA 010	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	13000.00
20100	4532-04		NC	08-Dec-94	F45	DOE 006						<1000.00	
20100	4724-04		NC	17-Jan-95	F46	DOM 006						<1000.00	
20100	4819-07		4819-01	01-Feb-95	F46	DPJ 011	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	12200.00
20100	4973-02		NC	02-Mar-95	F46	DQL 004						<1000.00	
20100	5180-04		NC	04-Apr-95	F47	DTE 006						5000.00	
20100	5413-02		5413-09	02-May-95	F47	DWN 004	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	10600.00
20100	5717-04		NC	08-Jun-95	F47	EEG 006						<1000.00	
20100	6048-04		NC	12-Jul-95	F48	ENS 006						2000.00	
20100	6350-07		6350-01	14-Aug-95	F48	ETI 008						<1000.00	23000.00
20100	6563-01		NC	19-Sep-95	F48	EWI 003						<1000.00	
20100	6675-01		NC	10-Oct-95	A49	EWQ 003						<1000.00	
20100	354392		355216	28-Nov-95	A49	KGF 011						<5000.00	
20100	354392		355216	28-Nov-95	A49	KJD 011							10000.00
20100	372498		NC	14-Dec-95	A49	KJB 008						<5000.00	
20100	6971	(5)	NC	12-Jan-96	A50	KIL 007						<5000.00	

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #		Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)							15	0.33	18000	9.4			
20100	28614		NC	20-Feb-96	A50	KGL 001						<5000.00	
20100	28614		NC	20-Feb-96	A50	KGM 001							12200.00
20100	43001		NC	12-Mar-96	A50	KGP 007						<5000.00	
20100	61387	(5)	NC	12-Apr-96	A50	KGR 006						<5000.00	
20100	81833	(5)	NC	13-May-96	A51	KGV 001						<5000.00	
20100	96U02293		NC	28-Jun-96	A51	AXWZ 011						334.00	
20100	96U02293		NC	28-Jun-96	A51	AXYN 005							16200.00
20100	96U02293		NC	28-Jun-96	A51	AXZI 014	<1.00	<1.00	<1.00	<1.00	<1.00		
20100	96U02539		NC	25-Jul-96	A52	AYGA 006						182.00	
20100	96U02793		NC	12-Aug-96	A52	AYJM 009						620.00	
20100	96U03597		96U03641	04-Sep-96	A52	AZFZ 011							21600.00
20100	96U03762		96U03641	06-Sep-96	A52	AYZY 011						593.00	
20200	1325-01		NC	07-Oct-93	F41	BYR 003						<1000.00	
20200	1699-10		1699-01	11-Nov-93	F41	CCQ 013	32.00	<1.01	<1.16	<0.97	<1.41	3000.00	5100.00
20200	1900-05		NC	08-Dec-93	F41	CDR 007						<1000.00	
20200	2129-02		NC	13-Jan-94	F42	CIY 004						<1000.00	
20200	2291-04		NC	10-Feb-94	F42	CJP 012						<1000.00	<5000.00
20200	2464-05		NC	10-Mar-94	F42	CKG 007						<1000.00	
20200	2465-05		NC	10-Mar-94	F42	CKK 008	3.26	<1.01	<1.16	<0.97	<1.41		
20200	2663-05		NC	11-Apr-94	F43	CKP 007						<1000.00	
20200	2900-09		2900-01	12-May-94	F43	CLC 008	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	30.00
20200	3066-05		NC	01-Jun-94	F43	CPR 007						<1000.00	
20200	3480-05		NC	22-Jul-94	F44	CZB 007						<1000.00	
20200	3750-10		3750-01	25-Aug-94	F44	DEE 012						<1000.00	<5000.00
20200	3750-10		3750-01	25-Aug-94	F44	DEO 013	5.57	<1.01	<1.16	<0.97	4.82		
20200	4026-05		NC	28-Sep-94	F44	DIW 007						<1000.00	
20200	4106-05		NC	07-Oct-94	F45	DKO 007						3000.00	
20200	4343-04		NC	09-Nov-94	F45	DNA 013	5.88	<1.01	<1.16	<0.97	<1.41	1400.00	<5000.00
20200	4532-05		NC	08-Dec-94	F45	DOE 007						<1000.00	
20200	4724-05		NC	17-Jan-95	F46	DOM 007						2000.00	

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #		Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)							15	0.33	18000	9.4			
20200	4819-09		4819-01	01-Feb-95	F46	DPJ 013	7.16	<1.01	<1.16	<0.97	<1.41	1000.00	1900.00
20200	4973-03		NC	02-Mar-95	F46	DQL 005						<1000.00	
20200	5180-05		NC	04-Apr-95	F47	DTE 007						2000.00	
20200	5413-04		5413-09	02-May-95	F47	DWN 006	6.56	<1.01	<1.16	<0.97	<1.41	<1000.00	<5000.00
20200	5717-06		NC	08-Jun-95	F47	EEG 008						<1000.00	
20200	6048-06		NC	12-Jul-95	F48	ENS 008						<1000.00	
20200	6350-10		6350-01	14-Aug-95	F48	ETX 011	3.30	<1.01	<1.16	<0.97	<1.41	5000.00	4000.00
20200	6563-03		NC	19-Sep-95	F48	EWI 005						<1000.00	
20200	6675-03		NC	10-Oct-95	A49	EWQ 005						<1000.00	
20200	354244		355216	28-Nov-95	A49	HWI 007	2.32	<1.00	<1.00	<0.78	<3.20		
20200	354244		355216	28-Nov-95	A49	KGF 001						<5000.00	
20200	354244		355216	28-Nov-95	A49	KJD 001							4550.00
20200	372463	(5)	NC	14-Dec-95	A49	KJB 005						<5000.00	
20200	6955		NC	12-Jan-96	A50	KIL 005						<5000.00	
20200	28622		NC	20-Feb-96	A50	HWO 004	0.82	<1.00	<1.00	<0.78	<3.20		
20200	28622		NC	20-Feb-96	A50	KGL 002						<5000.00	
20200	28622		NC	20-Feb-96	A50	KGM 002							7010.00
20200	42960		NC	12-Mar-96	A50	KGP 003						6000.00	
20200	42978	(4)	NC	12-Mar-96	A50	KGP 004						6000.00	
20200	61352		NC	12-Apr-96	A50	KGR 003						6000.00	
20200	61360	(4)	NC	12-Apr-96	A50	KGR 004						<5000.00	
20200	81868		NC	13-May-96	A51	KGV 004						<5000.00	
20200	81876	(4)	NC	13-May-96	A51	KGV 005						<5000.00	
20200	96U02288	(5)	NC	28-Jun-96	A51	AXWZ 006						<100.00	
20200	96U02288	(5)	NC	28-Jun-96	A51	AXYM 006							3830.00
20200	96U02288	(5)	NC	28-Jun-96	A51	AXZI 009	1.90	<1.00	<1.00	<1.00	<1.00		
20200	96U02289	(4,5)	NC	28-Jun-96	A51	AXWZ 007						<100.00	
20200	96U02289	(4,5)	NC	28-Jun-96	A51	AXYM 007							3840.00
20200	96U02289	(4,5)	NC	28-Jun-96	A51	AXZI 010	1.80	<1.00	<1.00	<1.00	<1.00		
20200	96U02538		NC	25-Jul-96	A52	AYGA 005						<100.00	
20200	96U02790		NC	12-Aug-96	A52	AYJM 006						<100.00	

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #		Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)							15	0.33	18000	9.4			
20200	96U02791	(4)	NC	12-Aug-96	A52	AYJM 007						<100.00	
20200	96U03588		96U03641	04-Sep-96	A52	AYZY 002						<100.00	
20200	96U03588		96U03641	04-Sep-96	A52	AZBH 002	3.50	<1.00	<1.00	<1.00	<1.00		
20200	96U03588		96U03641	04-Sep-96	A52	AZFZ 002							3280.00
20200	96U03589	(4)	96U03641	04-Sep-96	A52	AYZY 003						<100.00	
20200	96U03589	(4)	96U03641	04-Sep-96	A52	AZBH 003	3.20	<1.00	<1.00	<1.00	<1.00		
20200	96U03589	(4)	96U03641	04-Sep-96	A52	AZFZ 003							3430.00
20300	1325-02		NC	07-Oct-93	F41	BYR 004						<1000.00	
20300	1699-11		1699-01	11-Nov-93	F41	CCQ 014	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	5000.00
20300	1900-06	(5)	NC	08-Dec-93	F41	CDR 008						<1000.00	
20300	2129-03		NC	13-Jan-94	F42	CIY 005						<1000.00	
20300	2291-05	(5)	NC	10-Feb-94	F42	CJP 013						<1000.00	21000.00
20300	2465-06		NC	10-Mar-94	F42	CKK 010	<1.04	<1.01	<1.16	<0.97	<1.41		
20300	2464-06	(5)	NC	10-Mar-94	F42	CKG 008						<1000.00	
20300	2663-06	(5)	NC	11-Apr-94	F43	CKP 008						<1000.00	
20300	2900-10	(5)	2900-01	12-May-94	F43	CLC 010	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	1.30
20300	3066-06	(5)	NC	01-Jun-94	F43	CPR 008						<1000.00	
20300	3480-06	(5)	NC	22-Jul-94	F44	CZB 008						<1000.00	
20300	3750-11		3750-01	25-Aug-94	F44	DEO 014	<1.04	<1.01	<1.16	<0.97	10.00		
20300	3750-11	(5)	3750-01	25-Aug-94	F44	DEE 013						<1000.00	<5000.00
20300	4026-06	(5)	NC	28-Sep-94	F44	DIW 008						<1000.00	
20300	4106-06	(5)	NC	07-Oct-94	F45	DKO 008						3000.00	
20300	4343-05	(5)	NC	09-Nov-94	F45	DNA 014	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	<5000.00
20300	4532-06	(5)	NC	08-Dec-94	F45	DOE 008						<1000.00	
20300	4724-06		NC	17-Jan-95	F46	DOM 008						<1000.00	
20300	4819-10	(5)	4819-01	01-Feb-95	F46	DPJ 014	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	4600.00
20300	4973-04		NC	02-Mar-95	F46	DQL 006						<1000.00	
20300	5180-06	(5)	NC	04-Apr-95	F47	DTE 008						1000.00	
20300	5413-03		5413-09	02-May-95	F47	DWN 005	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	<5000.00
20300	5717-07	(5)	NC	08-Jun-95	F47	EEG 009						<1000.00	

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #		Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)							15	0.33	18000	9.4			
20300	6048-07	(5)	NC	12-Jul-95	F48	ENS 009						<1000.00	
20300	6350-11		6350-01	14-Aug-95	F48	ETX 012	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	4000.00
20300	6563-04		NC	19-Sep-95	F48	EWI 006						1000.00	
20300	6675-04		NC	10-Oct-95	A49	EWQ 006						<1000.00	
20300	354252		355216	28-Nov-95	A49	HWI 009	<0.50	<1.00	<1.00	<0.78	<3.20		
20300	354252		355216	28-Nov-95	A49	KGF 002						<5000.00	
20300	354252		355216	28-Nov-95	A49	KJD 002							3550.00
20300	354325	(4,5)	355216	28-Nov-95	A49	HWI 012	<0.50	<1.00	<1.00	<0.78	<3.20		
20300	354325	(4,5)	355216	28-Nov-95	A49	KGF 009						<5000.00	
20300	354325	(4,5)	355216	28-Nov-95	A49	KJD 009							3700.00
20300	372447		NC	14-Dec-95	A49	KJB 003						<5000.00	
20300	372455	(4)	NC	14-Dec-95	A49	KJB 004						<5000.00	
20300	81884		NC	13-May-96	A51	KGV 006						<5000.00	
20300	96U02287		NC	28-Jun-96	A51	AXWZ 005						<100.00	
20300	96U02287		NC	28-Jun-96	A51	AXYM 005							3080.00
20300	96U02287		NC	28-Jun-96	A51	AXZI 008	<1.00	<1.00	<1.00	<1.00	<1.00		
20300	96U02580		NC	29-Jul-96	A52	AYGA 009						140.00	
20300	96U02789		NC	12-Aug-96	A52	AYJM 005						<100.00	
20300	96U03590		96U03641	04-Sep-96	A52	AYZY 004						<100.00	
20300	96U03590		96U03641	04-Sep-96	A52	AZBH 004	<1.00	<1.00	<1.00	<1.00	<1.00		
20300	96U03590		96U03641	04-Sep-96	A52	AZFZ 004							2300.00
20400	1325-03		NC	07-Oct-93	F41	BYR 005						<1000.00	
20400	1699-06		1699-01	11-Nov-93	F41	CCQ 008	<1.04	<1.01	<1.16	<0.97	<1.41	1000.00	5900.00
20400	1900-03		NC	08-Dec-93	F41	CDR 005						<1000.00	
20400	2129-05	(5)	NC	13-Jan-94	F42	CIY 007						<1000.00	
20400	2288-06		2288-01	09-Feb-94	F42	CJP 008						1000.00	7500.00
20400	2464-02		NC	10-Mar-94	F42	CKG 004						<1000.00	
20400	2465-02		NC	10-Mar-94	F42	CKK 005	<1.04	<1.01	<1.16	<0.97	<1.41		
20400	2663-02		NC	11-Apr-94	F43	CKP 004						<1000.00	
20400	2872-02		2872-01	09-May-94	F43	CLB 005	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	7.40

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #	Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)						15	0.33	18000	9.4			
20400	3066-02	NC	01-Jun-94	F43	CPR 004						<1000.00	
20400	3480-02	NC	22-Jul-94	F44	CZB 004						<1000.00	
20400	3750-06	3750-01	25-Aug-94	F44	DEE 008						<1000.00	<5000.00
20400	3750-06	3750-01	25-Aug-94	F44	DEO 008	<1.04	<1.01	<1.16	<0.97	22.70		
20400	4026-02	NC	28-Sep-94	F44	DIW 004						<1000.00	
20400	4106-02	NC	07-Oct-94	F45	DKO 004						4000.00	
20400	4332-06	4332-01	08-Nov-94	F45	DNA 008	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	<5000.00
20400	4532-02	NC	08-Dec-94	F45	DOE 004						<1000.00	
20400	4724-02	NC	17-Jan-95	F46	DOM 004						2000.00	
20400	4819-06	4819-01	01-Feb-95	F46	DPJ 010	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	5200.00
20400	4973-05	NC	02-Mar-95	F46	DQL 007						<1000.00	
20400	5180-02	NC	04-Apr-95	F47	DTE 004						1000.00	
20400	5413-14	5413-09	03-May-95	F47	DXT 009	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	<5000.00
20400	5717-02	NC	08-Jun-95	F47	EEG 004						<1000.00	
20400	6048-02	NC	12-Jul-95	F48	ENS 004						<1000.00	
20400	6350-06	6350-01	14-Aug-95	F48	ETX 007	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	7000.00
20400	6563-05	NC	19-Sep-95	F48	EWI 007						<1000.00	
20400	6675-06	NC	10-Oct-95	A49	EWQ 008						<1000.00	
20400	354260	355216	28-Nov-95	A49	HWI 005	<0.50	<1.00	<1.00	<0.78	<3.20		
20400	354260	355216	28-Nov-95	A49	KGF 003						<5000.00	
20400	354260	355216	28-Nov-95	A49	KJD 003							5700.00
20400	372439	NC	14-Dec-95	A49	KJB 002						<5000.00	
20400	6947	NC	12-Jan-96	A50	KIL 004						<5000.00	
20400	28630	NC	20-Feb-96	A50	HWO 005	<0.50	<1.00	<1.00	<0.78	<3.20		
20400	28630	NC	20-Feb-96	A50	KGL 003						<5000.00	
20400	28630	NC	20-Feb-96	A50	KGM 003							5170.00
20400	42951	NC	12-Mar-96	A50	KGP 002						<5000.00	
20400	61344	NC	12-Apr-96	A50	KGR 002						<5000.00	
20400	81906	NC	13-May-96	A51	KGV 008						<5000.00	
20400	96U02285	NC	28-Jun-96	A51	AXWZ 003						<100.00	
20400	96U02285	NC	28-Jun-96	A51	AXYM 003							4840.00

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #	Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)						15	0.33	18000	9.4			
20400	96U02285	NC	28-Jun-96	A51	AXZI 006	<1.00	<1.00	<1.00	<1.00	<1.00		
20400	96U02533 (5)	NC	25-Jul-96	A52	AYGA 003						<100.00	
20400	96U02787	NC	12-Aug-96	A52	AYJM 003						<100.00	
20400	96U03591	96U03641	04-Sep-96	A52	AZBH 005	<1.00	<1.00	<1.00	<1.00	<1.00		
20400	96U03591	96U03641	04-Sep-96	A52	AZFZ 005							4930.00
20400	96U03760	96U03641	06-Sep-96	A52	AYZY 009						<100.00	
20500	1325-04	NC	07-Oct-93	F41	BYR 006						<1000.00	
20500	1699-03	1699-01	11-Nov-93	F41	CCQ 005	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	<5000.00
20500	1900-01	NC	08-Dec-93	F41	CDR 003						<1000.00	
20500	2129-05	NC	13-Jan-94	F42	CIY 008						<1000.00	
20500	2288-03	2288-01	09-Feb-94	F42	CJP 005						<1000.00	8000.00
20500	2464-03	NC	10-Mar-94	F42	CKG 005						<1000.00	
20500	2465-03	NC	10-Mar-94	F42	CKK 006	<1.04	<1.01	<1.16	<0.97	<1.41		
20500	2663-03	NC	11-Apr-94	F43	CKP 005						<1000.00	
20500	2872-05	2872-01	09-May-94	F43	CLB 008	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	1.40
20500	3066-03	NC	01-Jun-94	F43	CPR 005						<1000.00	
20500	3480-03	NC	22-Jul-94	F44	CZB 005						1000.00	
20500	3750-03	3750-01	25-Aug-94	F44	DEE 005						<1000.00	<5000.00
20500	3750-03	3750-01	25-Aug-94	F44	DEO 005	<1.04	<1.01	<1.16	<0.97	<1.41		
20500	4026-03	NC	28-Sep-94	F44	DIW 005						<1000.00	
20500	4106-03	NC	07-Oct-94	F45	DKO 005						2000.00	
20500	4332-03	4332-01	08-Nov-94	F45	DNA 005	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	<5000.00
20500	4532-03	NC	08-Dec-94	F45	DOE 005						<1000.00	
20500	4724-03	NC	17-Jan-95	F46	DOM 005						2000.00	
20500	4819-03	4819-01	01-Feb-95	F46	DPJ 006	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	4000.00
20500	5180-03	NC	04-Apr-95	F47	DTE 005						1000.00	
20500	5413-12	5413-09	03-May-95	F47	DXT 006	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	<5000.00
20500	5717-03	NC	08-Jun-95	F47	EEG 005						<1000.00	
20500	6048-03	NC	12-Jul-95	F48	ENS 005						1000.00	
20500	6350-03	6350-01	14-Aug-95	F48	ETI 004						<1000.00	7000.00

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #		Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)							15	0.33	18000	9.4			
20500	6563-07	(5)	NC	19-Sep-95	F48	EWI 009						<1000.00	
20500	6675-07	(5)	NC	10-Oct-95	A49	EWQ 009						<1000.00	
20500	354406		355216	28-Nov-95	A49	KGF 012						<5000.00	
20500	354406		355216	28-Nov-95	A49	KJD 012							6700.00
20500	81892		NC	13-May-96	A51	KGV 007						<5000.00	
20500	96U02286		NC	28-Jun-96	A51	AXWZ 004						191.00	
20500	96U02286		NC	28-Jun-96	A51	AXYM 004							4840.00
20500	96U02286		NC	28-Jun-96	A51	AXZI 007	<1.00	<1.00	<1.00	<1.00	<1.00		
20500	96U02578		NC	29-Jul-96	A52	AYGA 007						335.00	
20500	96U02579	(4)	NC	29-Jul-96	A52	AYGA 008						279.00	
20500	96U02788		NC	12-Aug-96	A52	AYJM 004						281.00	
20700	1699-08		1699-01	11-Nov-93	F41	CCQ 011	<1.04	<1.01	<1.16	<0.97	<1.41	1000.00	16000.00
20700	2291-02		NC	10-Feb-94	F42	CJP 010						<1000.00	27000.00
20700	2465-10	(5)	NC	10-Mar-94	F42	CKK 014	<1.04	<1.01	<1.16	<0.97	<1.41		
20700	2850-01		NA	03-May-94	F43	CKT 004	<1.04	<1.01	<1.16	<0.97	<1.41		
20700	2900-02		2900-01	12-May-94	F43	CLC 005	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	32.00
20700	3750-08		3750-01	25-Aug-94	F44	DEE 010						<1000.00	25000.00
20700	3750-08		3750-01	25-Aug-94	F44	DEO 011	<1.04	<1.01	<1.16	<0.97	21.00		
20700	4343-02		NC	09-Nov-94	F45	DNA 011	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	17000.00
20700	4724-07		NC	17-Jan-95	F46	DOM 009						1000.00	
20700	4819-08		4819-01	01-Feb-95	F46	DPJ 012	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	18400.00
20700	4973-01		NC	02-Mar-95	F46	DQL 003						<1000.00	
20700	5180-07		NC	04-Apr-95	F47	DTE 009						1000.00	
20700	5413-01		5413-09	02-May-95	F47	DWN 003	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	15100.00
20700	5717-05		NC	08-Jun-95	F47	EEG 007						<1000.00	
20700	6048-05		NC	12-Jul-95	F48	ENS 007						2000.00	
20700	6350-08		6350-01	14-Aug-95	F48	ETX 009	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	25000.00
20700	6563-02		NC	19-Sep-95	F48	EWI 004						<1000.00	
20700	6675-02		NC	10-Oct-95	A49	EWQ 004						<1000.00	
20700	354279		355216	28-Nov-95	A49	HWI 006	<0.50	<1.00	<1.00	<0.78	<3.20		

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #		Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)							15	0.33	18000	9.4			
20700	354279		355216	28-Nov-95	A49	KGF 004						<5000.00	
20700	354279		355216	28-Nov-95	A49	KJD 004							17000.00
20700	372480		NC	14-Dec-95	A49	KJB 007						<5000.00	
20700	6963		NC	12-Jan-96	A50	KIL 006						<5000.00	
20700	28649		NC	20-Feb-96	A50	HWO 006	<0.50	<1.00	0.55	<0.78	<3.20		
20700	28649		NC	20-Feb-96	A50	KGL 004						<5000.00	
20700	28649		NC	20-Feb-96	A50	KGM 004							16200.00
20700	42986	(5)	NC	12-Mar-96	A50	KGP 005						<5000.00	
20700	61379		NC	12-Apr-96	A50	KGR 005						<5000.00	
20700	81850		NC	13-May-96	A51	KGV 003						<5000.00	
20700	96U02292		NC	28-Jun-96	A51	AXWZ 010						261.00	
20700	96U02292		NC	28-Jun-96	A51	AXYN 004							14400.00
20700	96U02292		NC	28-Jun-96	A51	AXZI 013	<1.00	<1.00	<1.00	<1.00	<1.00		
20700	96U02583		NC	29-Jul-96	A52	AYGA 010						212.00	
20700	96U02792		NC	12-Aug-96	A52	AYJM 008						389.00	
20700	96U03592		96U03641	04-Sep-96	A52	AYZY 005						218.00	
20700	96U03592		96U03641	04-Sep-96	A52	AZBH 006	<1.00	<1.00	<1.00	<1.00	<1.00		
20700	96U03592		96U03641	04-Sep-96	A52	AZFZ 006							17200.00
20800	1325-05		NC	07-Oct-93	F41	BYR 007						<1000.00	
20800	1699-05		1699-01	11-Nov-93	F41	CCQ 007	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	13000.00
20800	1900-02		NC	08-Dec-93	F41	CDR 004						<1000.00	
20800	2129-05		NC	13-Jan-94	F42	CIY 006						1000.00	
20800	2288-05		2288-01	09-Feb-94	F42	CJP 007						1000.00	23000.00
20800	2464-01		NC	10-Mar-94	F42	CKG 003						<1000.00	
20800	2465-01		NC	10-Mar-94	F42	CKK 004	<1.04	<1.01	<1.16	<0.97	<1.41		
20800	2663-01		NC	11-Apr-94	F43	CKP 003						<1000.00	
20800	2872-03		2872-01	09-May-94	F43	CLB 006	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	29.00
20800	3066-01		NC	01-Jun-94	F43	CPR 003						<1000.00	
20800	3480-01		NC	22-Jul-94	F44	CZB 003						<1000.00	
20800	3750-05		3750-01	25-Aug-94	F44	DEE 007						<1000.00	22000.00

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #		Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)							15	0.33	18000	9.4			
20800	3750-05		3750-01	25-Aug-94	F44	DEO 007	<1.04	<1.01	<1.16	<0.97	6.50		
20800	4026-01		NC	28-Sep-94	F44	DIW 003						<1000.00	
20800	4106-01		NC	07-Oct-94	F45	DKO 003						<1000.00	
20800	4332-05		4332-01	08-Nov-94	F45	DNA 007	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	18000.00
20800	4532-01		NC	08-Dec-94	F45	DOE 003						<1000.00	
20800	4724-01		NC	17-Jan-95	F46	DOM 003						1000.00	
20800	4819-05		4819-01	01-Feb-95	F46	DPJ 008	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	17900.00
20800	4973-06		NC	02-Mar-95	F46	DQL 008						<1000.00	
20800	5180-01		NC	04-Apr-95	F47	DTE 003						13000.00	
20800	5413-13		5413-09	03-May-95	F47	DXT 008	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	14400.00
20800	5717-01		NC	08-Jun-95	F47	EEG 003						<1000.00	
20800	6048-01		NC	12-Jul-95	F48	ENS 003						<1000.00	
20800	6350-05		6350-01	14-Aug-95	F48	ETX 006	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	24000.00
20800	6563-06		NC	19-Sep-95	F48	EWI 008						<1000.00	
20800	6675-05		NC	10-Oct-95	A49	EWQ 007						<1000.00	
20800	354287		355216	28-Nov-95	A49	HWI 004	<0.50	<1.00	<1.00	<0.78	<3.20		
20800	354287		355216	28-Nov-95	A49	KGF 005						<5000.00	
20800	354287		355216	28-Nov-95	A49	KJD 005							17000.00
20800	372420		NC	14-Dec-95	A49	KJB 001						<5000.00	
20800	6920		NC	12-Jan-96	A50	KIL 002						<5000.00	
20800	6939	(4)	NC	12-Jan-96	A50	KIL 003						<5000.00	
20800	28657		NC	20-Feb-96	A50	HWO 007	<0.50	<1.00	<1.00	<0.78	<3.20		
20800	28657		NC	20-Feb-96	A50	KGL 005						<5000.00	
20800	28657		NC	20-Feb-96	A50	KGM 005							18400.00
20800	42943		NC	12-Mar-96	A50	KGP 001						<5000.00	
20800	61336		NC	12-Apr-96	A50	KGR 001						<5000.00	
20800	81914		NC	13-May-96	A51	KGV 009						<5000.00	
20800	96U02284		NC	28-Jun-96	A51	AXWZ 002						156.00	
20800	96U02284		NC	28-Jun-96	A51	AXYM 002							13000.00
20800	96U02284		NC	28-Jun-96	A51	AXZI 003	<1.00	<1.00	<1.00	<1.00	<1.00		
20800	96U02532		NC	25-Jul-96	A52	AYGA 002						196.00	

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #	Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)						15	0.33	18000	9.4			
20800	96U02786	NC	12-Aug-96	A52	AYJM 002						326.00	
20800	96U03593	96U03641	04-Sep-96	A52	AYZY 006						160.00	
20800	96U03593	96U03641	04-Sep-96	A52	AZBH 007	<1.00	<1.00	<1.00	<1.00	<1.00		
20800	96U03593	96U03641	04-Sep-96	A52	AZFZ 007							16100.00
20900	1699-02	1699-01	11-Nov-93	F41	CCQ 004	<1.04	<1.01	<1.16	<0.97	3.38	<1000.00	14000.00
20900	2288-02	2288-01	09-Feb-94	F42	CJP 004						<1000.00	29000.00
20900	2465-07	NC	10-Mar-94	F42	CKK 011	<1.04	<1.01	<1.16	<0.97	<1.41		
20900	2872-06	2872-01	09-May-94	F43	CLB 009	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	30.00
20900	3750-02	3750-01	25-Aug-94	F44	DEE 004						<1000.00	28000.00
20900	3750-02	3750-01	25-Aug-94	F44	DEO 004	<1.04	<1.01	<1.16	<0.97	5.60		
20900	4332-02	4332-01	08-Nov-94	F45	DNA 004	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	18000.00
20900	4819-02	4819-01	01-Feb-95	F46	DPJ 005	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	19400.00
20900	5413-10	5413-09	02-May-95	F47	DXT 004	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	
20900	5413-10	5413-09	03-May-95	F47	DWI 012							14600.00
20900	6350-02	6350-01	14-Aug-95	F48	ETX 004	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	27000.00
20900	354295	355216	28-Nov-95	A49	HWI 008	<0.50	<1.00	<1.00	<0.78	<3.20		
20900	354295	355216	28-Nov-95	A49	KGF 006						<5000.00	
20900	354295	355216	28-Nov-95	A49	KJD 006							17000.00
20900	28665	NC	20-Feb-96	A50	HWO 008	<0.50	<1.00	<1.00	<0.78	<3.20		
20900	28665	NC	20-Feb-96	A50	KGL 006						<5000.00	
20900	28665	NC	20-Feb-96	A50	KGM 006							19400.00
20900	96U02299	NC	28-Jun-96	A51	AXWZ 017						265.00	
20900	96U02299	NC	28-Jun-96	A51	AXYO 003							13800.00
20900	96U02299	NC	28-Jun-96	A51	AXZI 020	<1.00	<1.00	<1.00	<1.00	<1.00		
20900	96U03594	96U03641	04-Sep-96	A52	AYZY 007						357.00	
20900	96U03594	96U03641	04-Sep-96	A52	AZBH 008	<1.00	<1.00	<1.00	<1.00	<1.00		
20900	96U03594	96U03641	04-Sep-96	A52	AZFZ 008							20600.00

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #		Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)							15	0.33	18000	9.4			
21000	1699-04		1699-01	11-Nov-93	F41	CCQ 006	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	93000.00
21000	2288-04		2288-01	09-Feb-94	F42	CJP 006						<1000.00	21000.00
21000	2465-08		NC	10-Mar-94	F42	CKK 012	<1.04	<1.01	<1.16	<0.97	<1.41		
21000	2872-04		2872-01	09-May-94	F43	CLB 007	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	32.00
21000	3750-04		3750-01	25-Aug-94	F44	DEE 006						<1000.00	22000.00
21000	3750-04		3750-01	25-Aug-94	F44	DEO 006	<1.04	<1.01	<1.16	<0.97	28.40		
21000	4332-04		4332-01	08-Nov-94	F45	DNA 006	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	17000.00
21000	4819-04		4819-01	01-Feb-95	F46	DPJ 007	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	17500.00
21000	5413-15		5413-09	03-May-95	F47	DXT 010	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	13600.00
21000	6350-04		6350-01	14-Aug-95	F48	ETX 005	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	24000.00
21000	354309		355216	28-Nov-95	A49	HWI 010	<0.50	<1.00	<1.00	<0.78	<3.20		
21000	354309		355216	28-Nov-95	A49	KGF 007						<5000.00	
21000	354309		355216	28-Nov-95	A49	KJD 007							17500.00
21000	28673	(5)	NC	20-Feb-96	A50	HWO 009	<0.50	<1.00	<1.00	<0.78	<3.20		
21000	28673	(5)	NC	20-Feb-96	A50	KGL 007						<5000.00	
21000	28673	(5)	NC	20-Feb-96	A50	KGM 007							18400.00
21000	96U02298		NC	28-Jun-96	A51	AXWZ 016						160.00	
21000	96U02298		NC	28-Jun-96	A51	AXYO 002							13400.00
21000	96U02298		NC	28-Jun-96	A51	AXZI 019	<1.00	<1.00	<1.00	<1.00	<1.00		
21000	96U03595	(5)	96U03641	04-Sep-96	A52	AYZY 008						171.00	
21000	96U03595	(5)	96U03641	04-Sep-96	A52	AZBH 009	<1.00	<1.00	<1.00	<1.00	<1.00		
21000	96U03595	(5)	96U03641	04-Sep-96	A52	AZFZ 009							15100.00
21100	1699-09		1699-01	11-Nov-93	F41	CCQ 012	<1.04	<1.01	<1.16	<0.97	<1.41	1000.00	12000.00
21100	2291-03		NC	10-Feb-94	F42	CJP 011						<1000.00	11000.00
21100	2465-09		NC	10-Mar-94	F42	CKK 013	<1.04	<1.01	<1.16	<0.97	<1.41		
21100	2900-07		2900-01	12-May-94	F43	CLC 007	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	18.00
21100	3750-09		3750-01	25-Aug-94	F44	DEE 011						<1000.00	7700.00
21100	3750-09		3750-01	25-Aug-94	F44	DEO 012	<1.04	<1.01	<1.16	<0.97	20.40		
21100	4343-03		NC	09-Nov-94	F45	DNA 012	<1.04	<1.01	<1.16	<0.97	2.90	1200.00	7000.00
21100	5413-05		5413-09	02-May-95	F47	DWN 008	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	8300.00

TABLE II - 6
Surface Water Quality Data (Organics) - ug/l

Location (1)	Sample Lab #	Trip Blank Lab #	Date	Qtr (2)	Lot #	Trichloro ethene TRCLE	1,1-Dichloro ethene 11DCE	1,1,1-Trichloro ethane 111TCE	1,1-Dichloro ethane 11DCLE	Methylene Chloride CH2CL2	Oil & Grease OILGR (mg/l)	Total Organic Carbon TOC
TCAAP SW Action Criteria (3)						15	0.33	18000	9.4			
21100	6350-09	6350-01	14-Aug-95	F48	ETX 010	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	11000.00
21100	354317	355216	28-Nov-95	A49	HWI 011	<0.50	<1.00	0.75	<0.78	<3.20		
21100	354317	355216	28-Nov-95	A49	KGF 008						<5000.00	
21100	354317	355216	28-Nov-95	A49	KJD 008							9550.00
21100	96U02291	NC	28-Jun-96	A51	AXWZ 009						105.00	
21100	96U02291	NC	28-Jun-96	A51	AXYN 003							15300.00
21100	96U02291	NC	28-Jun-96	A51	AXZI 012	<1.00	<1.00	<1.00	<1.00	<1.00		
21200	2900-05	2900-01	12-May-94	F43	CLC 013	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	21.00
21200	5413-06	5413-09	02-May-95	F47	DWN 009	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	15300.00
21200	96U02294	NC	28-Jun-96	A51	AXWZ 012						126.00	
21200	96U02294	NC	28-Jun-96	A51	AXYN 006							6530.00
21200	96U02294	NC	28-Jun-96	A51	AXZI 015	<1.00	<1.00	<1.00	<1.00	<1.00		
21300	2900-03	2900-01	12-May-94	F43	CLC 011	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	33.00
21300	5413-07	5413-09	02-May-95	F47	DWN 010	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	9700.00
21300	96U02295	NC	28-Jun-96	A51	AXWZ 013						745.00	
21300	96U02295	NC	28-Jun-96	A51	AXYN 007							10700.00
21300	96U02295	NC	28-Jun-96	A51	AXZI 016	<1.00	<1.00	<1.00	<1.00	<1.00		
21400	2900-04	2900-01	12-May-94	F43	CLC 012	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	21.00
21400	5413-08	5413-09	02-May-95	F47	DWN 011	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	7800.00
21400	96U02296	NC	28-Jun-96	A51	AXWZ 014						198.00	
21400	96U02296	NC	28-Jun-96	A51	AXYN 008							17900.00
21400	96U02296	NC	28-Jun-96	A51	AXZI 017	<1.00	<1.00	<1.00	<1.00	<1.00		
21600	2900-08	2900-01	12-May-94	F43	CLC 014	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	5.70
21600	5413-11	5413-09	03-May-95	F47	DXT 005	<1.04	<1.01	<1.16	<0.97	<1.41	<1000.00	7600.00
21600	96U02297	NC	28-Jun-96	A51	AXWZ 015						429.00	
21600	96U02297	NC	28-Jun-96	A51	AXYN 009							6400.00
21600	96U02297	NC	28-Jun-96	A51	AXZI 018	<1.00	<1.00	<1.00	<1.00	<1.00		

Table II-7

Surface Water Quality Data (Inorganics)

Notes:

(1) Sites refer to monitoring locations illustrated on Figure IV-39 of this report.

(2) Qtr = Quarter. Under this heading, F = FCC and A = Alliant Techsystems Inc.

(3) TCAAP SW Action Criteria = surface water action criteria set forth in Table 3.7B of the Federal Facilities Agreement. Criteria also exist for cadmium, chromium, and lead, but these are not shown since they involve a calculation using hardness. Refer to Table 3.7B for these calculations.

(4) Duplicate sample collected for QA/QC purposes.

(5) Field blank collected at this location. See Appendix C.2 for FY 1996 field blank data.

(6) These entries are the lot and sample numbers for the corresponding data points.

"Field" denotes sample analysis for this data point was performed in the field and not in the lab.

Shading denotes FY 1996 exceedances or potential exceedances of TCAAP action criteria. Exceedances are concentrations greater than the TCAAP action criteria. Potential exceedances are values reported as "less than the method detection limit," where the method detection limit is greater than the TCAAP action criteria.

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20100	07-Oct-93	F41									<12.10	28.10						
20100 (6)	07-Oct-93	F41									BYN 009	BYO 009						
20100	11-Nov-93	F41		<0.10	<2.18	<0.50	<5.94			<8.35	<12.10	17.10	31.10	<3.70	6.70	<8.80	<4000.00	20.00
20100 (6)	11-Nov-93	F41		CCR 009	CCS 009	CCT 009	CCU 009			CCX 009	CCV 008	CCW 009	CCY 009	CDK 003	CDK 003	CDL 003	CDE 008	CDB 010
20100	08-Dec-93	F41									<12.10	15.10						
20100 (6)	08-Dec-93	F41									CDN 006	CDO 007						
20100	18-Dec-93	F41																
20100 (6)	18-Dec-93	F41																
20100	13-Jan-94	F42									49.50	30.10						
20100 (6)	13-Jan-94	F42									CIU 003	CIV 004						
20100	09-Feb-94	F42																
20100 (6)	09-Feb-94	F42																
20100	10-Feb-94	F42		0.68	<2.18	2.50	<5.94			<8.35	<12.10	23.10	40.10	6.90	17.90	<21.20	<4000.00	29.00
20100 (6)	10-Feb-94	F42		CJI 009	CJJ 009	CJK 009	CJL 010			CJM 009	CJD 009	CJE 009	CJN 009	CJX 003	CJX 003	CJY 003	CJQ 008	CJO 010
20100	10-Mar-94	F42									<12.10	20.90						
20100 (6)	10-Mar-94	F42									CKC 007	CKD 007						
20100	11-Apr-94	F43									<12.10	22.10						
20100 (6)	11-Apr-94	F43									CKL 006	CKM 007						
20100	12-May-94	F43	<1.93	<0.10	<2.18	1.09	<5.94	<2.65	<0.70	<5.00	68.10	65.30	45.10	<2.00	10.90	<21.50	<4.00	36.00
20100 (6)	12-May-94	F43	CLI 016	CLD 017	CLE 017	CLF 016	CLG 016	CLH 017	CLJ 013	CLN 014	CLL 008	CLM 013	CLO 013	CMA 010	CMA 010	CMB 010	CMG 007	CLS 012
20100	01-Jun-94	F43									17.50	47.90						
20100 (6)	01-Jun-94	F43									CPN 007	CPO 007						
20100	22-Jul-94	F44									<12.10	98.40						
20100 (6)	22-Jul-94	F44									CYX 007	CYY 007						
20100	25-Aug-94	F44		<0.10	2.95	7.85	<5.94			<8.35	<12.10	140.00	114.00	<2.40	<5.00	310.00	10000.00	69.00
20100 (6)	25-Aug-94	F44		DDX 009	DDY 009	DDZ 021	DEA 009			DEB 009	DDS 009	DDT 009	DEC 009	DEL 003	DEL 003	DEL 003	DEF 008	DED 009
20100	28-Sep-94	F44									<12.10	59.20						
20100 (6)	28-Sep-94	F44									DIS 007	DIT 007						
20100	07-Oct-94	F45									L<12.10	165.00						
20100 (6)	07-Oct-94	F45									DKK 007	DKL 007						
20100	08-Nov-94	F45																
20100 (6)	08-Nov-94	F45																
20100	09-Nov-94	F45		<0.10	<2.18	11.20	<5.94			<8.35	<12.10	15.50	35.10	<3.70	4.00	<10.90	<4000.00	39.80
20100 (6)	09-Nov-94	F45		DNG 011	DNH 009	DNI 008	DNJ 009			DNK 009	DNB 009	DNC 009	DNL 009	DNV 003	DNV 003	DNW 003	DNO 008	DNM 009
20100	08-Dec-94	F45									<12.10	17.70						
20100 (6)	08-Dec-94	F45									DOA 006	DOB 007						
20100	17-Jan-95	F46									<12.10	36.10						
20100 (6)	17-Jan-95	F46									DOI 061	DOJ 007						
20100	01-Feb-95	F46		<0.10	<2.18	7.33	<5.94	<2.65		<8.35	<12.10	34.10	<29.40				<4000.00	40.00

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20100	07-Oct-93	F41	2240.00		20100	6.72	292.00	3000.00										
20100 (6)	07-Oct-93	F41	BYT 006		BYQ 009	BYS 006	BYU 006	BYP 008										
20100	11-Nov-93	F41	2140.00	140.00	23000	8.54	290.00	1000.00	10.00	<3.80	<5.00	<0.30	<0.30	<0.30				
20100 (6)	11-Nov-93	F41	CDI 006	CDF 008	CDC 008	CDH 006	CDJ 006	CCZ 008	CDG 002	CDL 003	CDL 003	CDM 003	CDM 003	CDM 003				
20100	08-Dec-93	F41			22000			7000.00										
20100 (6)	08-Dec-93	F41			CDQ 007			CDP 006										
20100	18-Dec-93	F41	1790.00			7.70	289.00											
20100 (6)	18-Dec-93	F41	CDT 004			CDS 004	CDU 004											
20100	13-Jan-94	F42	2430.00		28000	6.33	392.00	<1000.00										
20100 (6)	13-Jan-94	F42	CJA 001		CIX 003	CIZ 001	CJB 001	CIW 002										
20100	09-Feb-94	F42	1100.00			6.85	454.00											
20100 (6)	09-Feb-94	F42	CJV 006			CJU 006	CJW 006											
20100	10-Feb-94	F42		0.30	35000			6000.00	<10.00	<10.00	<11.20	0.10	<0.10	<0.10				
20100 (6)	10-Feb-94	F42		CJR 008	CJG 009			CJF 008	CJT 002	CJY 003	CJY 003	CJZ 003	CJZ 003	CJZ 003				
20100	10-Mar-94	F42	980.00		38000	7.78	449.00	3000.00										
20100 (6)	10-Mar-94	F42	CKI 004		CKF 007	CKH 004	CKJ 004	CKE 006										
20100	11-Apr-94	F43	3030.00		37000	7.25	369.00	<1000.00										
20100 (6)	11-Apr-94	F43	CKR 004		CKO 006	CKQ 004	CKS 004	CKN 006										
20100	12-May-94	F43	0.002	0.11	28400	7.13	286.00	24000.00	<10.00	<9.50	<12.00	0.90	0.20	0.30				
20100 (6)	12-May-94	F43	CME 010	CLX 012	CLR 011	CMD 010	CMF 010	CLP 012	CLW 006	CMB 010	CMB 010	CMC 010	CMC 010	CMC 010				
20100	01-Jun-94	F43	0.001		25900	7.06	305.00	5000.00										
20100 (6)	01-Jun-94	F43	CPT 004		CPQ 006	CPS 004	CPU 004	CPP 006										
20100	22-Jul-94	F44	450.00		16500	6.64	304.00	4000.00										
20100 (6)	22-Jul-94	F44	CZD 004		CZA 007	CZC 004	CZE 004	CYZ 006										
20100	25-Aug-94	F44	1220.00	380.00	16400	6.68	306.00	11000.00	230.00	<5.00	<4.30	1.00	<0.20	<0.40				
20100 (6)	25-Aug-94	F44	DEJ 006	DEG 008	DDV 009	DEI 006	DEK 006	DDU 008	DEH 007	DEL 003	DEL 003	DEL 003	DEL 003	DEL 003				
20100	28-Sep-94	F44	730.00		31000	6.55	285.00	6000.00										
20100 (6)	28-Sep-94	F44	DIY 004		DIV 007	DIX 004	DIZ 004	DIU 006										
20100	07-Oct-94	F45	2080		2400.00	6.87	315.00	35000.00										
20100 (6)	07-Oct-94	F45	DKQ 004		DKN 006	DKP 004	DKR 004	DKM 006										
20100	08-Nov-94	F45				6.20			<10.00									
20100 (6)	08-Nov-94	F45				DNS 006			DNQ 004									
20100	09-Nov-94	F45	1800	150	40000.00		255.00	7000.00	<10.00									
20100 (6)	09-Nov-94	F45	DNT 006	DNP 008	DNE 009		DNU 006	DND 008	DNR 002									
20100	08-Dec-94	F45	2170		33700.00	7.64	307.00	2000.00										
20100 (6)	08-Dec-94	F45	DOG 004		DOD 009	DOF 004	DOH 004	DOC 006										
20100	17-Jan-95	F46	1180		38600.00	6.88	351.00	7000.00										
20100 (6)	17-Jan-95	F46	DOO 004		DOL 014	DON 004	DOP 004	DOK 006										
20100	01-Feb-95	F46	850	360	37700.00	7.08	336.00	5000.00	<10.00									

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20100 (6)	01-Feb-95	F46		DOV 009	DOW 009	DOX 009	DOZ 009	OY 004		DPC 009	DOQ 031	DOR 009	DPD 009				DPG 008	DPE 010
20100	02-Mar-95	F46									<12.10	52.20						
20100 (6)	02-Mar-95	F46									DQH 005	DQI 005						
20100	04-Apr-95	F47									<12.10	35.10						
20100 (6)	04-Apr-95	F47									DTA 037	DTB 007						
20100	02-May-95	F47	<1.93	0.13	<2.18	6.89	11.60	3.42	<0.70	<8.35	<12.10	12.00	49.10	<3.70	6.10	<8.00	<4000.00	34.00
20100 (6)	02-May-95	F47	DWD 019	DVY 014	DVZ 007	DWA 005	DWC 005	WB 005	DWE 007	DWF 004	DVS 010	DVU 005	DWG 005	DWP 002	DWP 002	DWQ 002	DWJ 004	DWH 005
20100	08-Jun-95	F47									<12.10	60.20						
20100 (6)	08-Jun-95	F47									EEC 015	EED 007						
20100	12-Jul-95	F48									<12.10	58.20						
20100 (6)	12-Jul-95	F48									ENO 007	ENP 017						
20100	14-Aug-95	F48		0.13	<2.18	4.26	R 7.56	3.57		<8.35	<12.10	171.00	55.10				6000.00	48.00
20100 (6)	14-Aug-95	F48		ETJ 038	ETK 009	ETL 055	ETN 011	TM 015		ETQ 008	ETE 018	ETF 009	ETR 012				ETU 008	ETS 008
20100	19-Sep-95	F48										76.30						
20100 (6)	19-Sep-95	F48										EWF 004						
20100	10-Oct-95	C49									<12.10	110.00						
20100 (6)	10-Oct-95	C49									EWM 008	EWN 004						
20100	28-Nov-95	C49		<5.00	<15.00	<20.00	<63.10	<100.00		<8.17	<20.00	<50.00	<13.00					<50.00
20100 (6)	28-Nov-95	C49		IRL 020	IRL 020	IRL 020	IRL 020	IRL 020		IMQ 016	FVX 015	FVY 014	IRL 020					KGH 015
20100 (4)	28-Nov-95	C49								<8.17								
20100 (4,6)	28-Nov-95	C49								IMQ 017								
20100	28-Nov-95	C49															4000.00	
20100 (6)	28-Nov-95	C49															EXO 001	
20100	14-Dec-95	C49									<20.00	<50.00						
20100 (6)	14-Dec-95	C49									KIE 011	KID 011						
20100 (4)	14-Dec-95	C49																
20100 (4,6)	14-Dec-95	C49																
20100 (5)	12-Jan-96	C50									<10.00	<50.00						
20100 (6)	12-Jan-96	C50									KIJ 005	KIJA 009						
20100	20-Feb-96	C50		<5.00	<15.00	<20.00	<5.00	<4.00		<8.17	20.00	<50.00	<13.00					<50.00
20100 (6)	20-Feb-96	C50		IRO 005	IRO 005	IRO 005	EXU 002	KEF 002		IMR 004	KIO 002	KIP 002	IRO 005					KGK 002
20100 (4)	20-Feb-96	C50									20.00	<50.00						<50.00
20100 (4,6)	20-Feb-96	C50									KIO 003	KIP 003						KGK 003
20100 (4)	20-Feb-96	C50																
20100 (4,6)	20-Feb-96	C50																
20100	20-Feb-96	C50															<4000.00	
20100 (6)	20-Feb-96	C50															EXQ 001	
20100	12-Mar-96	C50									<20.00	80.00						
20100 (6)	12-Mar-96	C50									KIT 010	KIU 010						

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20100 (6)	01-Feb-95	F46	DPL 006	DPH 008	DOT 030	DPK 006	DPM 006	DOS 008	DPI 007									
20100	02-Mar-95	F46	640.00		44900.00	6.72		9000.00										
20100 (6)	02-Mar-95	F46	DQN 002		DQK 018	DQM 002		DQJ 004										
20100	04-Apr-95	F47	3250		39900.00	7.18	442.00	5000.00										
20100 (6)	04-Apr-95	F47	DTG 004		DTD 024	DTF 004	DTH 004	DTC 006										
20100	02-May-95	F47	4300	110000	39500.00	7.44	360.00	<1000.00	200.00	<5.00	<8.00	3.70	<1.00	<0.90				
20100 (6)	02-May-95	F47	DWT 002	DWK 004	DVW 004	DWS 002	DWU 002	DVV 004	DWL 003	DWQ 002	DWQ 002	DWR 002	DWR 002	DWR 002				
20100	08-Jun-95	F47	1230		#########	6.60	320.00	14000.00										
20100 (6)	08-Jun-95	F47	EEI 004		EEF 033	EEH 004	EEJ 004	EEE 006										
20100	12-Jul-95	F48	1170		#########	6.56	306.00	4000.00										
20100 (6)	12-Jul-95	F48	ENU 004		ENR 013	ENT 004	ENV 004	ENQ 006										
20100	14-Aug-95	F48	920	120000	16.50	7.02	278.00	11000.00	620.00									
20100 (6)	14-Aug-95	F48	ETZ 006	ETV 008	ETH 018	ETY 006	EUA 006	ETG 008	ETW 007									
20100	19-Sep-95	F48	1100		28500.00	6.90	354.00	29000.00										
20100 (6)	19-Sep-95	F48	EWK 001		EWH 035	EWJ 001	EWL 001	EWG 003										
20100	10-Oct-95	C49	0.00		30200.00	7.05	320.00	27000.00										
20100 (6)	10-Oct-95	C49	EWS 001		EWP 055	EWR 001	EWT 001	EWO 003										
20100	28-Nov-95	C49	1480.00	<100.00	34000.00	8.00		<10000.00										
20100 (6)	28-Nov-95	C49	Field	KIG 016	FVZ 014	Field		AKL 010										
20100 (4)	28-Nov-95	C49			34000.00													
20100 (4,6)	28-Nov-95	C49			FVZ 015													
20100	28-Nov-95	C49							10.00									
20100 (6)	28-Nov-95	C49							EXN 002									
20100	14-Dec-95	C49	2700.00		35000.00	6.94		<10000.00										
20100 (6)	14-Dec-95	C49	Field		KIB 011	Field		KJA 008										
20100 (4)	14-Dec-95	C49						<10000.00										
20100 (4,6)	14-Dec-95	C49						KJA 009										
20100 (5)	12-Jan-96	C50	400.00		39000.00	6.45		<10000.00										
20100 (6)	12-Jan-96	C50	Field		KIK 010	Field		KGG 006										
20100	20-Feb-96	C50	1000.00	300.00	36600.00	6.41		<10000.00										
20100 (6)	20-Feb-96	C50	Field	KIR 002	KIQ 002	Field		KGJ 002										
20100 (4)	20-Feb-96	C50		300.00				<10000.00										
20100 (4,6)	20-Feb-96	C50		KIR 003				KGJ 003										
20100 (4)	20-Feb-96	C50			2060.00													
20100 (4,6)	20-Feb-96	C50			KIQ 003													
20100	20-Feb-96	C50							4.00									
20100 (6)	20-Feb-96	C50							EXP 002									
20100	12-Mar-96	C50	600.00		44100.00	6.28		<10000.00										
20100 (6)	12-Mar-96	C50	Field		KIW 010	Field		KGO 008										

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20100	12-Mar-96	C50																
20100 (6)	12-Mar-96	C50																
20100 (5)	12-Apr-96	C51									<20.00	<50.00						
20100 (6)	12-Apr-96	C51									KIZ 009	KKA 009						
20100 (5)	13-May-96	C51									<20.00							
20100 (6)	13-May-96	C51									KKH 002							
20100 (4,5)	13-May-96	C51									<20.00	<50.00						
20100 (4,6)	13-May-96	C51									KKH 003	KKG 002						
20100	27-Jun-96	C51									<500.00							
20100 (6)	27-Jun-96	C51									AXXJ 011							
20100	27-Jun-96	C51															<4.00	
20100 (6)	27-Jun-96	C51															EXS 011	
20100	28-Jun-96	C51	<10.00	5.15	<10.00	<20.00	<40.00	<100.00		<5.00		83.00	<20.00	<0.27	1.60			52.90
20100 (6)	28-Jun-96	C51	XVZ 015	XVZ 015	XVZ 015	XVZ 015	XVZ 015	XVZ 015		AXWB 017		AXZR 014	XVZ 015	XZZ 013	XZZ 013			AXYR 011
20100	25-Jul-96	C52										428.00						
20100 (6)	25-Jul-96	C52										AYFW 010						
20100	30-Jul-96	C52									<500.00							
20100 (6)	30-Jul-96	C52									AYDP 009							
20100 (5)	12-Aug-96	C52							<0.20		<500.00	328.00						
20100 (6)	12-Aug-96	C52							AYKJ 019		AYHD 009	YWF 009						
20100	04-Sep-96	C52		<5.00	<10.00	<20.00	<40.00	<100.00		<10.00	<500.00	228.00	24.30					69.80
20100 (6)	04-Sep-96	C52		AYYT 015	YYT 015	YYT 015	YYT 015	YYT 015		AYZN 011	YZF 011	YXC 011	YYT 015					AYZL 011
20100	04-Sep-96	C52															<8.00	
20100 (6)	04-Sep-96	C52															EXU 011	
20200	07-Oct-93	F41									51.1	50.20						
20200 (6)	07-Oct-93	F41									BYN 003	BYO 004						
20200	11-Nov-93	F41		<0.10	<2.18	2.75	<5.94			<8.35	<12.10	110.00	<29.40				<4000.00	12.00
20200 (6)	11-Nov-93	F41		CCR 012	CCS 012	CCT 012	CCU 012			CCX 012	CCV 012	CCW 012	CCY 012				CDE 011	CDB 013
20200	08-Dec-93	F41									<12.10	45.20						
20200 (6)	08-Dec-93	F41									CDN 008	CDO 008						
20200	18-Dec-93	F41																
20200 (6)	18-Dec-93	F41																
20200	13-Jan-94	F42									93.50	141.00						
20200 (6)	13-Jan-94	F42									CIU 004	CIV 005						
20200	09-Feb-94	F42																
20200 (6)	09-Feb-94	F42																
20200	10-Feb-94	F42		0.39	<2.18	3.21	<5.94			<8.35	<12.10	321.00	30.10				7000.00	15.00
20200 (6)	10-Feb-94	F42		CJI 012	CJJ 012	CJK 012	CJL 011			CJM 012	CJD 012	CJE 012	CJN 012				CJQ 011	CJO 013

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20100	12-Mar-96	C50						<10000.00										
20100 (6)	12-Mar-96	C50						AKL 005										
20100 (5)	12-Apr-96	C51	1200.00		37000.00	6.37		<10000.00										
20100 (6)	12-Apr-96	C51	Field		KKB 009	Field		KGQ 007										
20100 (5)	13-May-96	C51	3300.00		43000.00	6.71		<10000.00										
20100 (6)	13-May-96	C51	Field		KKI 002	Field		KGT 001										
20100 (4,5)	13-May-96	C51			43000.00			<10000.00										
20100 (4,6)	13-May-96	C51			KKI 003			KGT 002										
20100	27-Jun-96	C51	400.00		29900.00	6.10		<4000.00										
20100 (6)	27-Jun-96	C51	Field		AXXI 011	Field		AXWE 011										
20100	27-Jun-96	C51							120.00									
20100 (6)	27-Jun-96	C51							EXR 011									
20100	28-Jun-96	C51		<50.00											36.00	140.00	2.30	13.00
20100 (6)	28-Jun-96	C51		AXXA 011											AXZJ 014	AXZJ 014	AXZJ 014	AXZJ 014
20100	25-Jul-96	C52	1500.00			6.50		16500.00										
20100 (6)	25-Jul-96	C52	Field			Field		AZME 009										
20100	30-Jul-96	C52			33400.00													
20100 (6)	30-Jul-96	C52			AYDQ 009													
20100 (5)	12-Aug-96	C52	460.00		30500.00	6.30		29000.00										
20100 (6)	12-Aug-96	C52	Field		AYHE 009	Field		AYSO 009										
20100	04-Sep-96	C52	850.00	206.00	33600.00	7.3		29000.00										
20100 (6)	04-Sep-96	C52	Field	ZDR 011	AYZP 011	Field		AYYU 011										
20100	04-Sep-96	C52							3200.00									
20100 (6)	04-Sep-96	C52							EXT 011									
20200	07-Oct-93	F41	9000.00		140000	7.89	858.00	6000.00										
20200 (6)	07-Oct-93	F41	BYT 001		BYQ 003	BYS 001	BYU 001	BYP 003										
20200	11-Nov-93	F41	6500.00	400.00	79000	8.21	804.00	5000.00	<10.00									
20200 (6)	11-Nov-93	F41	CDI 009	CDF 011	CDC 012	CDH 009	CDJ 009	CCZ 011	CDG 003									
20200	08-Dec-93	F41			98000			2000.00										
20200 (6)	08-Dec-93	F41			CDQ 008			CDP 007										
20200	18-Dec-93	F41	8500.00			7.98	890.00											
20200 (6)	18-Dec-93	F41	CDT 005			CDS 005	CDU 005											
20200	13-Jan-94	F42	10200.00		110000	6.88	839.00	1000.00										
20200 (6)	13-Jan-94	F42	CJA 002		CIX 004	CIZ 002	CJB 002	CIW 003										
20200	09-Feb-94	F42	2210.00			8.65	900.00											
20200 (6)	09-Feb-94	F42	CJV 009			CJU 009	CJW 009											
20200	10-Feb-94	F42		0.59	97000			16000.00	<10.00									
20200 (6)	10-Feb-94	F42		CJR 011	CJG 012			CJF 011	CJT 005									

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20200	10-Mar-94	F42									26.80	70.00						
20200 (6)	10-Mar-94	F42									CKC 008	CKD 008						
20200	11-Apr-94	F43									<12.10	55.20						
20200 (6)	11-Apr-94	F43									CKL 008	CKM 008						
20200	12-May-94	F43	<1.93	<0.10	<2.18	1.98	<5.94	<2.65	<0.70	<5.00	39.00	72.30	40.10	2.60	6.30	<6.90	<4.00	42.00
20200 (6)	12-May-94	F43	CLI 019	CLD 020	CLE 020	CLF 019	CLG 019	CLH 020	CLJ 016	CLN 017	CLL 011	CLM 016	CLO 016	CMA 013	CMA 013	CMB 013	CMG 010	CLS 015
20200	01-Jun-94	F43									23.40	45.10						
20200 (6)	01-Jun-94	F43									CPN 008	CPO 008						
20200	22-Jul-94	F44									<12.10	48.20						
20200 (6)	22-Jul-94	F44									CYX 008	CYY 008						
20200	25-Aug-94	F44		<0.10	<2.18	11.10	7.02			<8.35	<12.10	74.40	211.00				<4000.00	14.00
20200 (6)	25-Aug-94	F44		DDX 012	DDY 012	DDZ 024	DEA 012			DEB 013	DDS 012	DDT 012	DEC 012				DEF 011	DED 012
20200	28-Sep-94	F44									<12.10	79.30						
20200 (6)	28-Sep-94	F44									DIS 008	DIT 008						
20200	07-Oct-94	F45									L<12.10	72.30						
20200 (6)	07-Oct-94	F45									DKK 008	DKL 008						
20200	08-Nov-94	F45																
20200 (6)	08-Nov-94	F45																
20200	09-Nov-94	F45		<0.10	<2.18	6.46	<5.94			<8.35	<12.10	42.80	42.10				<4000.00	13.50
20200 (6)	09-Nov-94	F45		DNG 014	DNH 012	DNI 011	DNJ 012			DNK 012	DNB 012	DNC 012	DNL 012				DNO 011	DNM 012
20200	08-Dec-94	F45									<12.10	46.60						
20200 (6)	08-Dec-94	F45									DOA 007	DOB 008						
20200	17-Jan-95	F46									<12.10	151.00						
20200 (6)	17-Jan-95	F46									DOI 062	DOJ 008						
20200	01-Feb-95	F46	<1.93	<0.10	<2.18	14.40	<5.94			<8.35	<12.10	23.10	<29.40				<4000.00	9.00
20200 (6)	01-Feb-95	F46	DPA 010	DOV 011	DOW 011	DOX 011	DOZ 011			DPC 011	DOQ 039	DOR 011	DPD 011				DPG 010	DPE 012
20200	02-Mar-95	F46									<12.10	81.30						
20200 (6)	02-Mar-95	F46									DQH 006	DQI 006						
20200	04-Apr-95	F47									<12.10	61.20						
20200 (6)	04-Apr-95	F47									DTA 038	DTB 008						
20200	02-May-95	F47	<1.93	<0.10	<2.18	5.41	<5.94	<2.65	<0.70	<8.35	<12.10	57.20	31.10			<14.20	<4000.00	28.00
20200 (6)	02-May-95	F47	DWD 021	DVY 016	DVZ 009	DWA 007	DWC 007	WB 007	DWE 009	DWF 008	DVS 014	DVU 007	DWG 007			DWQ 004	DWJ 006	DWH 007
20200	08-Jun-95	F47									<12.10	62.20						
20200 (6)	08-Jun-95	F47									EEC 019	EED 009						
20200	12-Jul-95	F48									<12.10	43.20						
20200 (6)	12-Jul-95	F48									ENO 009	ENP 020						
20200	14-Aug-95	F48	<1.93	0.14	<2.18	4.06	R<5.94			<8.35	<12.10	62.20	<29.40				<4000.00	15.00
20200 (6)	14-Aug-95	F48	ETO 025	ETJ 044	ETK 012	ETL 061	ETN 016			ETQ 012	ETE 023	ETF 012	ETR 017				ETU 011	ETS 011
20200	19-Sep-95	F48									<12.10	36.10						

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20200	10-Mar-94	F42	9030.00		100000	8.41	872.00	3000.00										
20200 (6)	10-Mar-94	F42	CKI 005		CKF 008	CKH 005	CKJ 005	CKE 007										
20200	11-Apr-94	F43	8140.00		310000	8.14	1030.00	9000.00										
20200 (6)	11-Apr-94	F43	CKR 005		CKO 008	CKQ 005	CKS 005	CKN 007										
20200	12-May-94	F43	0.01	<0.05	36800	7.50	408.00	6000.00	10.00	<4.40	<2.50	1.40	0.30	0.60				
20200 (6)	12-May-94	F43	CME 013	CLX 015	CLR 014	CMD 013	CMF 013	CLP 015	CLW 009	CMB 013	CMB 013	CMC 013	CMC 013	CMC 013				
20200	01-Jun-94	F43	0.01		96000	7.46	768.00	<1000.00										
20200 (6)	01-Jun-94	F43	CPT 005		CPQ 009	CPS 005	CPU 005	CPP 007										
20200	22-Jul-94	F44	3320.00		102000	8.09	744.00	<1000.00										
20200 (6)	22-Jul-94	F44	CZD 005		CZA 008	CZC 005	CZE 005	CYZ 007										
20200	25-Aug-94	F44	7790.00	400.00	135000	8.25	667.00	<1000.00	90.00									
20200 (6)	25-Aug-94	F44	DEJ 009	DEG 011	DDV 012	DEI 009	DEK 009	DDU 011	DEH 010									
20200	28-Sep-94	F44	7300.00		210000	7.30	597.00	<1000.00										
20200 (6)	28-Sep-94	F44	DIY 005		DIV 008	DIX 005	DIZ 005	DIU 007										
20200	07-Oct-94	F45	9350		7800.00	7.60	688.00	<1000.00										
20200 (6)	07-Oct-94	F45	DKQ 005		DKN 007	DKP 005	DKR 005	DKM 007										
20200	08-Nov-94	F45				7.68												
20200 (6)	08-Nov-94	F45				DNS 009												
20200	09-Nov-94	F45	5150	170	150000.00		593.00	<1000.00	<10.00									
20200 (6)	09-Nov-94	F45	DNT 009	DNP 011	DNE 013		DNU 009	DND 011	DNR 005									
20200	08-Dec-94	F45	7790		125000.00	7.74	610.00	<2000.00										
20200 (6)	08-Dec-94	F45	DOG 005		DOD 010	DOF 005	DOH 005	DOC 007										
20200	17-Jan-95	F46	11000		152000.00	7.07	522.00	13000.00										
20200 (6)	17-Jan-95	F46	DOO 005		DOL 015	DON 005	DOP 005	DOK 007										
20200	01-Feb-95	F46	10000	120	107000.00	7.01	627.00	<1000.00	<10.00									
20200 (6)	01-Feb-95	F46	DPL 008	DPH 010	DOT 038	DPK 008	DPM 008	DOS 010	DPI 009									
20200	02-Mar-95	F46	12500.00		101000.00	7.40		5000.00										
20200 (6)	02-Mar-95	F46	DQN 003		DQK 019	DQM 003		DQJ 005										
20200	04-Apr-95	F47	9200		116000.00	8.01	946.00	2000.00										
20200 (6)	04-Apr-95	F47	DTG 006		DTD 025	DTF 006	DTH 006	DTC 007										
20200	02-May-95	F47	9440	430000	117000.00	7.78	983.00	<1000.00	<10.00	<14.20	<5.80	2.20	1.00	1.80				
20200 (6)	02-May-95	F47	DWT 004	DWK 006	DVW 008	DWS 004	DWU 004	DVV 006	DWL 005	DWQ 004	DWQ 004	DWR 004	DWR 004	DWR 004				
20200	08-Jun-95	F47	9900		#########	7.70	776.00	4000.00										
20200 (6)	08-Jun-95	F47	EEI 006		EEF 035	EEH 006	EEJ 006	EEE 008										
20200	12-Jul-95	F48	10200		#########	8.45	622.00	<1000.00										
20200 (6)	12-Jul-95	F48	ENU 006		ENR 015	ENT 006	ENV 006	ENQ 008										
20200	14-Aug-95	F48	9080	170000	63.00	7.84	725.00	6000.00	220.00									
20200 (6)	14-Aug-95	F48	ETZ 009	ETV 011	ETH 023	ETY 009	EUA 009	ETG 011	ETW 010									
20200	19-Sep-95	F48	7200		89200.00	8.26	420.00	11000.00										

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20200 (6)	19-Sep-95	F48									EWE 013	EWF 006						
20200	10-Oct-95	C49									<12.10	53.20						
20200 (6)	10-Oct-95	C49									EWM 010	EWN 006						
20200	28-Nov-95	C49	<12.50	<5.00	<15.00	<20.00	<63.10		<0.74	<8.17	40.00	70.00	15.30					<50.00
20200 (6)	28-Nov-95	C49	IRL 004	IRL 004	IRL 004	IRL 004	IRL 004		JDP 004	IMQ 007	FVX 002	FVY 005	IRL 004					KGH 001
20200	28-Nov-95	C49															<4000.00	
20200 (6)	28-Nov-95	C49															EXO 002	
20200 (5)	14-Dec-95	C49									<20.00	60.00						
20200 (6)	14-Dec-95	C49									KIE 009	KID 008						
20200 (5)	14-Dec-95	C49										<50.00						
20200 (6)	14-Dec-95	C49										KID 009						
20200	12-Jan-96	C50									40.00	60.00						
20200 (6)	12-Jan-96	C50									KIJ 007	KIJA 007						
20200	20-Feb-96	C50	<12.50	<5.00	<15.00	<20.00	<5.00		<0.74	<8.17	40.00	60.00	47.80					<50.00
20200 (6)	20-Feb-96	C50	IRO 006	IRO 006	IRO 006	IRO 006	EXU 005		JDU 004	IMR 007	KIO 005	KIP 005	IRO 006					KGK 005
20200	20-Feb-96	C50															10000.00	
20200 (6)	20-Feb-96	C50															EXQ 002	
20200	12-Mar-96	C50									40.00	60.00						
20200 (6)	12-Mar-96	C50									KIT 006	KIU 006						
20200	12-Mar-96	C50																
20200 (6)	12-Mar-96	C50																
20200 (4)	12-Mar-96	C50									50.00	80.00						
20200 (4,6)	12-Mar-96	C50									KIT 007	KIU 007						
20200 (4)	12-Mar-96	C50																
20200 (4,6)	12-Mar-96	C50																
20200	12-Apr-96	C51									30.00	150.00						
20200 (6)	12-Apr-96	C51									KIZ 006	KKA 006						
20200 (4)	12-Apr-96	C51									30.00	<50.00						
20200 (4,6)	12-Apr-96	C51									KIZ 007	KKA 007						
20200	13-May-96	C51									30.00	<50.00						
20200 (6)	13-May-96	C51									KKH 007	KKG 007						
20200 (4)	13-May-96	C51									30.00	<50.00						
20200 (4,6)	13-May-96	C51									KKH 008	KKG 008						
20200 (5)	27-Jun-96	C51									<500.00							
20200 (6)	27-Jun-96	C51									AXXJ 006							
20200 (4,5)	27-Jun-96	C51									<500.00							
20200 (4,6)	27-Jun-96	C51									AXXJ 007							
20200 (5)	27-Jun-96	C51															<4.00	
20200 (6)	27-Jun-96	C51															EXS 006	

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20200 (6)	19-Sep-95	F48	EWK 003		EWH 039	EWJ 003	EWL 003	EWG 005										
20200	10-Oct-95	C49	7290.00		103000.00	7.25	633.00	1000.00										
20200 (6)	10-Oct-95	C49	EWS 003		EWP 059	EWR 003	EWT 003	EWO 005										
20200	28-Nov-95	C49	10070.00	400.00	115000.00	7.80		<10000.00										
20200 (6)	28-Nov-95	C49	Field	KIG 002	FVZ 002	Field		KGI 001										
20200	28-Nov-95	C49							<10.00									
20200 (6)	28-Nov-95	C49							EXN 003									
20200 (5)	14-Dec-95	C49	12300.00		130000.00	8.53		<10000.00										
20200 (6)	14-Dec-95	C49	Field		KIB 008	Field		KJA 005										
20200 (5)	14-Dec-95	C49																
20200 (6)	14-Dec-95	C49																
20200	12-Jan-96	C50	9400.00		66000.00	8.00		<10000.00										
20200 (6)	12-Jan-96	C50	Field		KIK 007	Field		KGG 004										
20200	20-Feb-96	C50	8300.00	300.00	29200.00	8.66		<10000.00										
20200 (6)	20-Feb-96	C50	Field	KIR 005	KIQ 005	Field		KGJ 004										
20200	20-Feb-96	C50							1.00									
20200 (6)	20-Feb-96	C50							EXP 003									
20200	12-Mar-96	C50	9100.00		63500.00	7.82		<10000.00										
20200 (6)	12-Mar-96	C50	Field		KIW 006	Field		KGO 004										
20200	12-Mar-96	C50						<10000.00										
20200 (6)	12-Mar-96	C50						AKL 003										
20200 (4)	12-Mar-96	C50			61000.00			<10000.00										
20200 (4,6)	12-Mar-96	C50			KIW 007			KGO 005										
20200 (4)	12-Mar-96	C50						<10000.00										
20200 (4,6)	12-Mar-96	C50						AKL 004										
20200	12-Apr-96	C51	9400.00		110000.00	8.65		<10000.00										
20200 (6)	12-Apr-96	C51	Field		KKB 006	Field		KGQ 004										
20200 (4)	12-Apr-96	C51			120000.00			<10000.00										
20200 (4,6)	12-Apr-96	C51			KKB 007			KGQ 005										
20200	13-May-96	C51	8500.00		120000.00	8.61		<10000.00										
20200 (6)	13-May-96	C51	Field		KKI 007	Field		KGT 005										
20200 (4)	13-May-96	C51			130000.00			<10000.00										
20200 (4,6)	13-May-96	C51			KKI 008			KGT 006										
20200 (5)	27-Jun-96	C51	7900.00		108000.00	7.85		<4000.00										
20200 (6)	27-Jun-96	C51	Field		AXXI 006	Field		AXWE 006										
20200 (4,5)	27-Jun-96	C51			108000.00			<4000.00										
20200 (4,6)	27-Jun-96	C51			AXXI 007			AXWE 007										
20200 (5)	27-Jun-96	C51							40.00									
20200 (6)	27-Jun-96	C51							EXR 006									

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20200 (4,5)	27-Jun-96	C51															<4.00	
20200 (4,6)	27-Jun-96	C51															EXS 007	
20200 (5)	28-Jun-96	C51	<10.00	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		48.20	<20.00	1.90	<0.55			
20200 (6)	28-Jun-96	C51	XVZ 010	XVZ 010	XVZ 010	XVZ 010	XVZ 010	XVZ 010		AXWB 012		AXZR 009	XVZ 010	XZZ 008	XZZ 008			
20200 (4,5)	28-Jun-96	C51	<10.00	5.01	<10.00	<20.00	<40.00	<100.00		<5.00		44.40	<20.00	3.10	1.90			16.80
20200 (4,6)	28-Jun-96	C51	XVZ 011	XVZ 011	XVZ 011	XVZ 011	XVZ 011	XVZ 011		AXWB 013		AXZR 010	XVZ 011	XZZ 009	XZZ 009			AXYR 007
20200 (4,5)	28-Jun-96	C51																16.80
20200 (4,6)	28-Jun-96	C51																AXYR 006
20200	25-Jul-96	C52										49.70						
20200 (6)	25-Jul-96	C52										AYFW 009						
20200	30-Jul-96	C52									<500.00							
20200 (6)	30-Jul-96	C52									AYDP 008							
20200	12-Aug-96	C52							<0.20		<500.00	43.70						
20200 (6)	12-Aug-96	C52							AYKI 016		AYHD 006	YWF 006						
20200 (4)	12-Aug-96	C52							<0.20		<500.00	37.30						
20200 (4,6)	12-Aug-96	C52							AYKI 017		AYHD 007	YWF 007						
20200	04-Sep-96	C52	11.90	<5.00	<10.00	<20.00	<40.00		<0.20	<10.00	<500.00	70.90	<20.00					12.60
20200 (6)	04-Sep-96	C52	YYT 003	YYT 003	YYT 003	YYT 003	YYT 003		AZBI 003	YZN 002	YZF 002	YXC 002	YYT 003					AYZL 002
20200 (4)	04-Sep-96	C52	<10.00	<5.00	<10.00	<20.00	<40.00		<0.20	<10.00	<500.00	116.00	<20.00					<10.00
20200 (4,6)	04-Sep-96	C52	YYT 007	YYT 007	YYT 007	YYT 007	YYT 007		AZBI 006	YZN 003	YZF 003	YXC 003	YYT 007					AYZL 003
20200 (4)	04-Sep-96	C52	10.90	<5.00	<10.00	<20.00	<40.00						<20.00					
20200 (4,6)	04-Sep-96	C52	YYT 004	YYT 004	YYT 004	YYT 004	YYT 004						AYYT 004					
20200	04-Sep-96	C52															<8.00	
20200 (6)	04-Sep-96	C52															EXU 002	
20200 (4)	04-Sep-96	C52															<8.00	
20200 (4,6)	04-Sep-96	C52															EXU 003	
20300	07-Oct-93	F41									34.60	98.40						
20300 (6)	07-Oct-93	F41									BYN 004	BYO 005						
20300	11-Nov-93	F41		<0.10	4.58	<0.50	<5.94			<8.35	<12.10	78.30	<29.40	<8.00	<6.40	<6.90	<4000.00	10.00
20300 (6)	11-Nov-93	F41		CCR 013	CCS 013	CCT 013	CCU 013			CCX 013	CCV 013	CCW 013	CCY 013	CDK 005	CDK 005	CDL 005	CDE 012	CDB 014
20300	08-Dec-93	F41									<12.10	70.30						
20300 (6)	08-Dec-93	F41									CDN 009	CDO 009						
20300	18-Dec-93	F41																
20300 (6)	18-Dec-93	F41																
20300	13-Jan-94	F42									65.00	84.30						
20300 (6)	13-Jan-94	F42									CIU 005	CIV 006						
20300	09-Feb-94	F42																
20300 (6)	09-Feb-94	F42																

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20200 (4,5)	27-Jun-96	C51							50.00									
20200 (4,6)	27-Jun-96	C51							EXR 007									
20200 (5)	28-Jun-96	C51		321.00											64.00	37.00	7.60	1.90
20200 (6)	28-Jun-96	C51		AXXA 006											AXZJ 009	AXZJ 009	AXZJ 009	AXZJ 009
20200 (4,5)	28-Jun-96	C51		279.00											37.00	250.00	8.20	5.80
20200 (4,6)	28-Jun-96	C51		AXXA 007											AXZJ 010	AXZJ 010	AXZJ 010	AXZJ 010
20200 (4,5)	28-Jun-96	C51																
20200 (4,6)	28-Jun-96	C51																
20200	25-Jul-96	C52	3800.00			7.84		<4000.00										
20200 (6)	25-Jul-96	C52	Field			Field		AZME 008										
20200	30-Jul-96	C52			67000.00													
20200 (6)	30-Jul-96	C52			AYDQ 008													
20200	12-Aug-96	C52	7600.00		102000.00	7.87		<4000.00										
20200 (6)	12-Aug-96	C52	Field		AYHE 006	Field		AYSO 006										
20200 (4)	12-Aug-96	C52			101000.00			<4000.00										
20200 (4,6)	12-Aug-96	C52			AYHE 007			AYSO 007										
20200	04-Sep-96	C52	8600.00	278.00	89200.00	8.0		<4000.00										
20200 (6)	04-Sep-96	C52	Field	ZDR 002	AYZP 002	Field		AYYU 002										
20200 (4)	04-Sep-96	C52		234.00	97500.00			<4000.00										
20200 (4,6)	04-Sep-96	C52		AZDR 003	AYZP 003			AYYU 003										
20200 (4)	04-Sep-96	C52																
20200 (4,6)	04-Sep-96	C52																
20200	04-Sep-96	C52							3400.00									
20200 (6)	04-Sep-96	C52							EXT 002									
20200 (4)	04-Sep-96	C52							2300.00									
20200 (4,6)	04-Sep-96	C52							EXT 003									
20300	07-Oct-93	F41	8440.00		118000	7.76	937.00	7000.00										
20300 (6)	07-Oct-93	F41	BYT 002		BYQ 004	BYS 002	BYU 002	BYP 004										
20300	11-Nov-93	F41	7390.00	2900.00	98000	8.30	880.00	<1000.00	<10.00	<2.90	<4.00	<0.40	<0.50	<0.90				
20300 (6)	11-Nov-93	F41	CDI 010	CDF 012	CDC 013	CDH 010	CDJ 010	CCZ 012	CDG 004	CDL 005	CDL 005	CDM 005	CDM 005	CDM 005				
20300	08-Dec-93	F41			86000			5000.00										
20300 (6)	08-Dec-93	F41			CDQ 009			CDP 008										
20300	18-Dec-93	F41	10200.00			8.08	856.00											
20300 (6)	18-Dec-93	F41	CDT 006			CDS 006	CDU 006											
20300	13-Jan-94	F42	9310.00		69000	8.07	894.00	9000.00										
20300 (6)	13-Jan-94	F42	CJA 003		CIX 005	CIZ 003	CJB 003	CIW 004										
20300	09-Feb-94	F42	800.00			7.81	725.00											
20300 (6)	09-Feb-94	F42	CJV 010			CJU 010	CJW 010											

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20300	10-Feb-94	F42		0.29	<2.18	9.57	<5.94			<8.35	<12.10	201.00	100.00	7.40	10.30	<18.30	<4000.00	42.00
20300 (6)	10-Feb-94	F42		CJI 013	CJJ 013	CJK 013	CJL 012			CJM 013	CJD 013	CJE 013	CJN 013	CJX 005	CJX 005	CJY 005	CJQ 012	CJO 014
20300	10-Mar-94	F42									<12.10	17.20						
20300 (6)	10-Mar-94	F42									CKC 009	CKD 009						
20300	11-Apr-94	F43									<12.10	33.10						
20300 (6)	11-Apr-94	F43									CKL 009	CKM 009						
20300	12-May-94	F43	<1.93	<0.10	<2.18	1.88	<5.94	<2.65	<0.70	<5.00	51.80	74.30	40.10	6.00	<7.20	<14.40	<4.00	12.00
20300 (6)	12-May-94	F43	CLI 020	CLD 021	CLE 021	CLF 020	CLG 020	CLH 021	CLJ 017	CLN 018	CLL 012	CLM 017	CLO 017	CMA 014	CMA 014	CMB 014	CMG 011	CLS 016
20300	01-Jun-94	F43									33.50	80.60						
20300 (6)	01-Jun-94	F43									CPN 009	CPO 009						
20300	22-Jul-94	F44									<12.10	70.30						
20300 (6)	22-Jul-94	F44									]	CYY 009						
20300	25-Aug-94	F44		<0.10	<2.18	8.56	7.01			<8.35	<12.10	98.40	142.00	<2.90	<6.20	19.50	5000.00	10.00
20300 (6)	25-Aug-94	F44		DDX 013	DDY 013	DDZ 025	DEA 013			DEB 014	DDS 013	DDT 013	DEC 013	DEL 005	DEL 005	DEL 005	DEF 012	DED 013
20300	28-Sep-94	F44									<12.10	68.30						
20300 (6)	28-Sep-94	F44									DIS 009	DIT 009						
20300	07-Oct-94	F45									L<12.10	57.90						
20300 (6)	07-Oct-94	F45									DKK 009	DKL 009						
20300	08-Nov-94	F45																
20300 (6)	08-Nov-94	F45																
20300	09-Nov-94	F45		<0.10	<2.18	8.29	<5.94			<8.35	<12.10	48.20	53.10	<4.80	7.50	10.00	<4000.00	<2.60
20300 (6)	09-Nov-94	F45		DNG 015	DNH 013	DNI 012	DNJ 013			DNK 013	DNB 013	DNC 013	DNL 013	DNV 005	DNV 005	DNW 005	DNO 012	DNM 013
20300	08-Dec-94	F45									<12.10	44.80						
20300 (6)	08-Dec-94	F45									DOA 008	DOB 009						
20300	17-Jan-95	F46									<12.10	291.00						
20300 (6)	17-Jan-95	F46									DOI 063	DOJ 009						
20300	01-Feb-95	F46	<1.93	0.29	<2.18	5.96	<5.94			<8.35	<12.10	68.30	<29.40					13.00
20300 (6)	01-Feb-95	F46	DPA 011	DOV 012	DOW 012	DOX 012	DOZ 012			DPC 012	DOQ 045	DOR 012	DPD 012					DPE 013
20300	02-Mar-95	F46									<12.10	16.10						
20300 (6)	02-Mar-95	F46									DQH 007	DQI 007						
20300	04-Apr-95	F47									<12.10	24.10						
20300 (6)	04-Apr-95	F47									DTA 039	DTB 009						
20300	02-May-95	F47	<1.93	<0.10	<2.18	4.33	7.46	<2.65	<0.70	<8.35	<12.10	34.10	34.10	<4.80	10.80	<8.00	<4000.00	15.00
20300 (6)	02-May-95	F47	DWD 020	DVY 015	DVZ 008	DWA 006	DWC 006	WB 006	DWE 008	DWF 007	DVS 013	DVU 006	DWG 006	DWP 003	DWP 003	DWQ 003	DWJ 005	DWH 006
20300	08-Jun-95	F47									<12.10	40.20						
20300 (6)	08-Jun-95	F47									EEC 020	EED 010						
20300	12-Jul-95	F48									<12.10	51.20						
20300 (6)	12-Jul-95	F48									ENO 010	ENP 021						
20300	14-Aug-95	F48	<1.93	0.25	<2.18	3.96	R<5.94			<8.35	<12.10	54.20	<29.40				<4000.00	5.00

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20300	10-Feb-94	F42		1.10	51000			10000.00	<10.00	<9.40	<8.90	0.30	<0.10	0.30				
20300 (6)	10-Feb-94	F42		CJR 012	CJG 013			CJF 012	CJT 006	CJY 005	CJY 005	CJZ 005	CJZ 005	CJZ 005				
20300	10-Mar-94	F42	9500.00		65000	8.72	773.00	2000.00										
20300 (6)	10-Mar-94	F42	CKI 006		CKF 009	CKH 006	CKJ 006	CKE 008										
20300	11-Apr-94	F43	10500.00		63000	8.31	815.00	<1000.00										
20300 (6)	11-Apr-94	F43	CKR 006		CKO 009	CKQ 006	CKS 006	CKN 008										
20300	12-May-94	F43	0.01	0.24	106000	7.63	797.00	3000.00	<10.00	<6.30	<8.10	1.80	0.40	1.30				
20300 (6)	12-May-94	F43	CME 014	CLX 016	CLR 019	CMD 014	CMF 014	CLP 016	CLW 010	CMB 014	CMB 014	CMC 014	CMC 014	CMC 014				
20300	01-Jun-94	F43	0.01		125000	7.85	873.00	<1000.00										
20300 (6)	01-Jun-94	F43	CPT 006		CPQ 010	CPS 006	CPU 006	CPP 008										
20300	22-Jul-94	F44	3640.00		102000	8.09	869.00	3000.00										
20300 (6)	22-Jul-94	F44	CZD 006		CZA 009	CZC 006	CZE 006	CYZ 008										
20300	25-Aug-94	F44	6910.00	230.00	123000	8.29	653.00	<1000.00	3000.00	<9.50	<8.00	1.60	<0.50	0.60				
20300 (6)	25-Aug-94	F44	DEJ 010	DEG 012	DDV 013	DEI 010	DEK 010	DDU 012	DEH 011	DEL 005	DEL 005	DEL 005	DEL 005	DEL 005				
20300	28-Sep-94	F44	6640.00		94000	8.21	607.00	<1000.00										
20300 (6)	28-Sep-94	F44	DIY 006		DIV 009	DIX 006	DIZ 006	DIU 008										
20300	07-Oct-94	F45	6540		3600.00	7.73	517.00	<1000.00										
20300 (6)	07-Oct-94	F45	DKQ 006		DKN 008	DKP 006	DKR 006	DKM 008										
20300	08-Nov-94	F45				7.97												
20300 (6)	08-Nov-94	F45				DNS 010												
20300	09-Nov-94	F45	5700	60	110000.00		561.00	<1000.00	10.00									
20300 (6)	09-Nov-94	F45	DNT 010	DNP 012	DNE 014		DNU 010	DND 012	DNR 006									
20300	08-Dec-94	F45	9810		80500.00	8.12	570.00	2000.00										
20300 (6)	08-Dec-94	F45	DOG 006		DOD 011	DOF 006	DOH 006	DOC 008										
20300	17-Jan-95	F46	11600		61100.00	7.16	383.00	13000.00										
20300 (6)	17-Jan-95	F46	DOO 006		DOL 019	DON 006	DOP 006	DOK 008										
20300	01-Feb-95	F46	11800	540	133000.00	7.45	601.00	1000.00	120.00									
20300 (6)	01-Feb-95	F46	DPL 009	DPH 011	DOT 043	DPK 009	DPM 009	DOS 011	DPI 010									
20300	02-Mar-95	F46	16300.00		87000.00	7.96		7000.00										
20300 (6)	02-Mar-95	F46	DQN 004		DQK 022	DQM 004		DQJ 006										
20300	04-Apr-95	F47	12000		87500.00	8.20	866.00	2000.00										
20300 (6)	04-Apr-95	F47	DTG 007		DTD 026	DTF 007	DTH 007	DTC 008										
20300	02-May-95	F47	12900	190000	112000.00	7.25	915.00	<1000.00	<10.00	<6.00	<7.50	0.90	0.50	1.10				
20300 (6)	02-May-95	F47	DWT 003	DWK 005	DVW 006	DWS 003	DWU 003	DVV 005	DWL 004	DWQ 003	DWQ 003	DWR 003	DWR 003	DWR 003				
20300	08-Jun-95	F47	10400		#########	7.77	681.00	4000.00										
20300 (6)	08-Jun-95	F47	EEI 007		EEF 036	EEH 007	EEJ 007	EEE 009										
20300	12-Jul-95	F48	8970		#########	7.78	875.00	2000.00										
20300 (6)	12-Jul-95	F48	ENU 007		ENR 021	ENT 007	ENV 007	ENQ 009										
20300	14-Aug-95	F48	9600	50000	47.90	7.61	639.00	6000.00	50.00									

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20300 (6)	14-Aug-95	F48	ETO 026	ETJ 048	ETK 013	ETL 065	ETN 017			ETQ 013	ETE 024	ETF 013	ETR 018				ETU 012	ETS 012
20300	19-Sep-95	F48									<12.10	69.30						
20300 (6)	19-Sep-95	F48									EWE 014	EWF 007						
20300	10-Oct-95	C49									<12.10	55.20						
20300 (6)	10-Oct-95	C49									EWM 011	EWN 007						
20300 (5)	28-Nov-95	C49	<12.50	<5.00	<15.00	<20.00	<63.10		<0.74	<8.17	70.00	100.00	<13.00					<50.00
20300 (6)	28-Nov-95	C49	IRL 005	IRL 005	IRL 005	IRL 005	IRL 005		JDP 007	IMQ 008	FVX 003	FVY 006	IRL 005					KGH 002
20300 (4,5)	28-Nov-95	C49	<12.50	<5.00	<15.00	<20.00	<63.10		<0.74	<8.17	70.00	90.00	<13.00					<50.00
20300 (4,6)	28-Nov-95	C49	IRL 014	IRL 014	IRL 014	IRL 014	IRL 014		JDP 008	IMQ 014	FVX 013	FVY 012	IRL 014					KGH 013
20300 (5)	28-Nov-95	C49															<4000.00	
20300 (6)	28-Nov-95	C49															EXO 003	
20300 (4,5)	28-Nov-95	C49															6000.00	
20300 (4,6)	28-Nov-95	C49															EXO 013	
20300	14-Dec-95	C49									<20.00	70.00						
20300 (6)	14-Dec-95	C49									KIE 007	KID 006						
20300 (4)	14-Dec-95	C49									<20.00	80.00						
20300 (4,6)	14-Dec-95	C49									KIE 008	KID 007						
20300	13-May-96	C51									<20.00	60.00						
20300 (6)	13-May-96	C51									KKH 009	KKG 009						
20300	27-Jun-96	C51									<500.00							
20300 (6)	27-Jun-96	C51									AXXJ 005							
20300	27-Jun-96	C51															<4.00	
20300 (6)	27-Jun-96	C51															EXS 005	
20300	28-Jun-96	C51	<10.00	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		65.10	<20.00	1.20	3.40			14.60
20300 (6)	28-Jun-96	C51	XVZ 009	XVZ 009	XVZ 009	XVZ 009	XVZ 009	XVZ 009		AXWB 011		AXZR 008	XVZ 009	XZZ 007	XZZ 007			AXYR 005
20300	25-Jul-96	C52										77.20						
20300 (6)	25-Jul-96	C52										AYFW 008						
20300	30-Jul-96	C52									<500.00							
20300 (6)	30-Jul-96	C52									AYDP 007							
20300	12-Aug-96	C52							<0.20		<500.00	84.60						
20300 (6)	12-Aug-96	C52							AYKI 015		AYHD 005	YWF 005						
20300	04-Sep-96	C52	<10.00	<5.00	<10.00	<20.00	<40.00		0.24	<10.00	<500.00	58.20	<20.00					<10.00
20300 (6)	04-Sep-96	C52	YYT 008	YYT 008	YYT 008	YYT 008	YYT 008		AZBI 007	YZN 004	YZF 004	YXC 004	YYT 008					AYZL 004
20300	04-Sep-96	C52															<8.00	
20300 (6)	04-Sep-96	C52															EXU 004	
20400	07-Oct-93	F41									36.00	48.20						
20400 (6)	07-Oct-93	F41									BYN 005	BYO 006						
20400	11-Nov-93	F41		0.18	130.00	<0.50	<5.94			<8.35	16.50	36.10	<29.40				<4000.00	14.00

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20300 (6)	14-Aug-95	F48	ETZ 010	ETV 012	ETH 024	ETY 010	EUA 010	ETG 012	ETW 011									
20300	19-Sep-95	F48	8100		113000.00	8.05	821.00	1000.00										
20300 (6)	19-Sep-95	F48	EWK 004		EWH 040	EWJ 004	EWL 004	EWG 006										
20300	10-Oct-95	C49	9250.00		95600.00	7.51	685.00	2000.00										
20300 (6)	10-Oct-95	C49	EWS 004		EWP 060	EWR 004	EWT 004	EWO 006										
20300 (5)	28-Nov-95	C49	10920.00	300.00	100000.00	8.10		<10000.00										
20300 (6)	28-Nov-95	C49	Field	KIG 005	FVZ 003	Field		KGI 002										
20300 (4,5)	28-Nov-95	C49		200.00	100000.00			<10000.00										
20300 (4,6)	28-Nov-95	C49		KIG 014	FVZ 012			AKL 008										
20300 (5)	28-Nov-95	C49							50.00									
20300 (6)	28-Nov-95	C49							EXN 004									
20300 (4,5)	28-Nov-95	C49							40.00									
20300 (4,6)	28-Nov-95	C49							EXN 014									
20300	14-Dec-95	C49	11700.00		120000.00	8.12		<10000.00										
20300 (6)	14-Dec-95	C49	Field		KIB 006	Field		KJA 003										
20300 (4)	14-Dec-95	C49			120000.00			<10000.00										
20300 (4,6)	14-Dec-95	C49			KIB 007			KJA 004										
20300	13-May-96	C51	9900.00		100000.00	7.66		<10000.00										
20300 (6)	13-May-96	C51	Field		KKI 009	Field		KGT 007										
20300	27-Jun-96	C51	9700.00		92900.00	7.68		<4000.00										
20300 (6)	27-Jun-96	C51	Field		AXXI 005	Field		AXWE 005										
20300	27-Jun-96	C51							10.00									
20300 (6)	27-Jun-96	C51							EXR 005									
20300	28-Jun-96	C51		182.00											140.00	4.30	16.00	19.00
20300 (6)	28-Jun-96	C51		AXXA 005											AXZJ 008	AXZJ 008	AXZJ 008	AXZJ 008
20300	25-Jul-96	C52	3200.00			8.09		<4000.00										
20300 (6)	25-Jul-96	C52	Field			Field		AZME 007										
20300	30-Jul-96	C52			109000.00													
20300 (6)	30-Jul-96	C52			AYDQ 007													
20300	12-Aug-96	C52	7380.00		108000.00	7.82		<4000.00										
20300 (6)	12-Aug-96	C52	Field		AYHE 005	Field		AYSO 005										
20300	04-Sep-96	C52	8650.00	98.70	97400.00	8.2		<4000.00										
20300 (6)	04-Sep-96	C52	Field	ZDR 004	AYZP 004	Field		AYYU 004										
20300	04-Sep-96	C52							70.00									
20300 (6)	04-Sep-96	C52							EXT 004									
20400	07-Oct-93	F41	7880.00		61600	7.61	861.00	5000.00										
20400 (6)	07-Oct-93	F41	BYT 003		BYQ 005	BYS 003	BYU 003	BYP 005										
20400	11-Nov-93	F41	5260.00	220.00	42000	8.33	804.00	3000.00	<10.00									

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20400 (6)	11-Nov-93	F41		CCR 008	CCS 008	CCT 008	CCU 008			CCX 007	CCV 007	CCW 008	CCY 008				CDE 007	CDB 009
20400	08-Dec-93	F41									<12.10	30.10						
20400 (6)	08-Dec-93	F41									CDN 005	CDO 006						
20400	18-Dec-93	F41																
20400 (6)	18-Dec-93	F41																
20400	13-Jan-94	F42									12.30	40.20						
20400 (6)	13-Jan-94	F42									CIU 008	CIV 008						
20400	09-Feb-94	F42		0.19	5.41	2.12	<5.94			<8.35	<12.10	47.20	40.10				<4000.00	17.00
20400 (6)	09-Feb-94	F42		CJI 008	CJJ 008	CJK 008	CJL 008			CJM 007	CJD 007	CJE 008	CJN 008				CJQ 007	CJO 009
20400	10-Mar-94	F42									<12.10	47.30						
20400 (6)	10-Mar-94	F42									CKC 005	CKD 005						
20400	11-Apr-94	F43									<12.10	39.20						
20400 (6)	11-Apr-94	F43									CKL 004	CKM 005						
20400	09-May-94	F43	<1.93	0.19	<2.18	8.51	<5.94	<2.65	<0.70	<5.00	37.40	37.10	44.10	<4.70	9.40	<15.30	<4.00	14.00
20400 (6)	09-May-94	F43	CLI 007	CLD 008	CLE 008	CLF 007	CLG 007	CLH 008	CLJ 004	CLN 003	CLK 006	CLM 004	CLO 004	CMA 001	CMA 001	CMB 001	CLU 003	CLS 003
20400	01-Jun-94	F43									17.80	50.70						
20400 (6)	01-Jun-94	F43									CPN 004	CPO 005						
20400	22-Jul-94	F44									<12.10	42.20						
20400 (6)	22-Jul-94	F44									CYX 005	CYY 005						
20400	25-Aug-94	F44		<0.10	3.66	7.07	9.03			<8.35	<12.10	35.70	63.10				8000.00	12.00
20400 (6)	25-Aug-94	F44		DDX 008	DDY 008	DDZ 020	DEA 008			DEB 008	DDS 008	DDT 008	DEC 008				DEF 007	DED 008
20400	28-Sep-94	F44									<12.10	38.20						
20400 (6)	28-Sep-94	F44									DIS 005	DIT 005						
20400	07-Oct-94	F45									L<12.10	52.20						
20400 (6)	07-Oct-94	F45									DKK 005	DKL 005						
20400	08-Nov-94	F45		<0.10	<2.18	3.96	<5.94			<8.35	<12.10	35.50	36.10				<4000.00	14.30
20400 (6)	08-Nov-94	F45		DNG 010	DNH 008	DNI 007	DNJ 008			DNK 007	DNB 008	DNC 008	DNL 008				DNO 007	DNM 008
20400	08-Dec-94	F45									<12.10	39.40						
20400 (6)	08-Dec-94	F45									DOA 004	DOB 005						
20400	17-Jan-95	F46									<12.10	211.00						
20400 (6)	17-Jan-95	F46									DOI 059	DOJ 005						
20400	01-Feb-95	F46	<1.93	<0.10	<2.18	3.65	<5.94			<8.35	<12.10	44.20	<29.40				<4000.00	16.00
20400 (6)	01-Feb-95	F46	DPA 008	DOV 008	DOW 008	DOX 008	DOZ 008			DPC 008	DOQ 025	DOR 008	DPD 008				DPG 007	DPE 009
20400	02-Mar-95	F46									<12.10	28.10						
20400 (6)	02-Mar-95	F46									DQH 008	DQI 008						
20400	04-Apr-95	F47									<12.10	29.10						
20400 (6)	04-Apr-95	F47									DTA 035	DTB 005						
20400	02-May-95	F47												9.10	11.60			
20400 (6)	02-May-95	F47												DWP 004	DWP 004			

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20400 (6)	11-Nov-93	F41	CDI 005	CDF 007	CDC 007	CDH 005	CDJ 005	CCZ 007	CDG 005									
20400	08-Dec-93	F41			46000			3000.00										
20400 (6)	08-Dec-93	F41			CDQ 005			CDP 005										
20400	18-Dec-93	F41	9500.00			8.06	823.00											
20400 (6)	18-Dec-93	F41	CDT 003			CDS 003	CDU 003											
20400	13-Jan-94	F42	10200.00		52000	8.27	861.00	1000.00										
20400 (6)	13-Jan-94	F42	CJA 005		CIX 008	CIZ 005	CJB 005	CIW 006										
20400	09-Feb-94	F42	10200.00	0.50	58000	8.05	991.00	5000.00	10.00									
20400 (6)	09-Feb-94	F42	CJV 005	CJR 007	CJG 007	CJU 005	CJW 005	CJF 007	CJS 006									
20400	10-Mar-94	F42	7570.00		57000	7.25	960.00	5000.00										
20400 (6)	10-Mar-94	F42	CKI 002		CKF 004	CKH 002	CKJ 002	CKE 004										
20400	11-Apr-94	F43	7500.00		64000	7.69	870.00	1000.00										
20400 (6)	11-Apr-94	F43	CKR 002		CKO 004	CKQ 002	CKS 002	CKN 004										
20400	09-May-94	F43	0.01	0.29	54400	7.49	739.00	4000.00	<10.00	<3.90	<11.40	1.30	0.10	1.10				
20400 (6)	09-May-94	F43	CME 001	CLX 003	CLR 003	CMD 001	CMF 001	CLP 007	CLV 003	CMB 001	CMB 001	CMC 001	CMC 001	CMC 001				
20400	01-Jun-94	F43	0.01		59500	7.23	761.00	4000.00										
20400 (6)	01-Jun-94	F43	CPT 002		CPQ 004	CPS 002	CPU 002	CPP 004										
20400	22-Jul-94	F44	3700.00		41300	7.84	689.00	2000.00										
20400 (6)	22-Jul-94	F44	CZD 002		CZA 004	CZC 002	CZE 002	CYZ 004										
20400	25-Aug-94	F44	9240.00	290.00	53200	7.81	615.00	2000.00	220.00									
20400 (6)	25-Aug-94	F44	DEJ 005	DEG 007	DDV 008	DEI 005	DEK 005	DDU 007	DEH 006									
20400	28-Sep-94	F44	5500.00		74000	7.80	597.00	<1000.00										
20400 (6)	28-Sep-94	F44	DIY 002		DIV 005	DIX 002	DIZ 002	DIU 004										
20400	07-Oct-94	F45	6710		2400.00	6.91	500.00	<1000.00										
20400 (6)	07-Oct-94	F45	DKQ 002		DKN 004	DKP 002	DKR 002	DKM 004										
20400	08-Nov-94	F45	8640	150	75000.00	7.79	575.00	5000.00	<10.00									
20400 (6)	08-Nov-94	F45	DNT 005	DNP 007	DNE 008	DNS 005	DNU 005	DND 007	DNQ 006									
20400	08-Dec-94	F45	7250		49300.00	7.12	650.00	<2000.00										
20400 (6)	08-Dec-94	F45	DOG 002		DOD 007	DOF 002	DOH 002	DOC 004										
20400	17-Jan-95	F46	9610		344000.00	6.68	770.00	63000.00										
20400 (6)	17-Jan-95	F46	DOO 002		DOL 012	DON 002	DOP 002	DOK 004										
20400	01-Feb-95	F46	7910	310	81600.00	6.84	606.00	3000.00	<10.00									
20400 (6)	01-Feb-95	F46	DPL 005	DPH 007	DOT 024	DPK 005	DPM 005	DOS 007	DPI 006									
20400	02-Mar-95	F46	10400.00		67900.00	7.77		4000.00										
20400 (6)	02-Mar-95	F46	DQN 005		DQK 023	DQM 005		DQJ 007										
20400	04-Apr-95	F47	9250		72200.00	6.94	940.00	2000.00										
20400 (6)	04-Apr-95	F47	DTG 002		DTD 022	DTF 002	DTH 002	DTC 004										
20400	02-May-95	F47																
20400 (6)	02-May-95	F47																

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20400	02-May-95	F47												<4.50	5.80	<13.00		
20400 (6)	02-May-95	F47												DWP 013	DWP 013	DWQ 013		
20400	03-May-95	F47	<1.93	0.10	8.92	2.91	49.00	<2.65	<0.70	<8.35	<12.10	23.10	40.10				<4000.00	23.00
20400 (6)	03-May-95	F47	DWD 030	DVY 025	DVZ 018	DWA 016	DWC 016	WB 016	DWE 020	DWF 019	DVT 027	DVU 016	DWG 016				DWJ 015	DWH 016
20400	08-Jun-95	F47									<12.10	13.10						
20400 (6)	08-Jun-95	F47									EEC 013	EED 005						
20400	12-Jul-95	F48									<12.10	71.30						
20400 (6)	12-Jul-95	F48									ENO 005	ENP 015						
20400	14-Aug-95	F48	<1.93	0.15	<2.18	3.66	R 10.40			<8.35	<12.10	38.20	59.10				6000.00	11.00
20400 (6)	14-Aug-95	F48	ETO 022	ETJ 036	ETK 008	ETL 053	ETN 010			ETQ 007	ETE 017	ETF 008	ETR 011				ETU 007	ETS 007
20400	19-Sep-95	F48									<12.10	110.00						
20400 (6)	19-Sep-95	F48									EWE 015	EWF 008						
20400	10-Oct-95	C49									<12.10	82.30						
20400 (6)	10-Oct-95	C49									EWM 017	EWN 009						
20400	28-Nov-95	C49	<12.50	<5.00	<15.00	<20.00	<63.10			<8.17	40.00	70.00	14.20					<50.00
20400 (6)	28-Nov-95	C49	IRL 006	IRL 006	IRL 006	IRL 006	IRL 006			IMQ 009	FVX 004	FVY 007	IRL 006					KGH 003
20400	28-Nov-95	C49															5000.00	
20400 (6)	28-Nov-95	C49															EXO 004	
20400	14-Dec-95	C49									<20.00	60.00						
20400 (6)	14-Dec-95	C49									KIE 006	KID 005						
20400	12-Jan-96	C50									30.00	50.00						
20400 (6)	12-Jan-96	C50									KIJ 008	KIJA 006						
20400	20-Feb-96	C50	<12.50	<5.00	<15.00	<20.00	<5.00			<8.17	<20.00	60.00	17.30					<50.00
20400 (6)	20-Feb-96	C50	IRO 007	IRO 007	IRO 007	IRO 007	EXU 006			IMR 008	KIO 006	KIP 006	IRO 007					KGK 006
20400	20-Feb-96	C50															<4000.00	
20400 (6)	20-Feb-96	C50															EXQ 003	
20400	12-Mar-96	C50									60.00	210.00						
20400 (6)	12-Mar-96	C50									KIT 005	KIU 005						
20400	12-Mar-96	C50																
20400 (6)	12-Mar-96	C50																
20400	12-Apr-96	C51									<20.00	<50.00						
20400 (6)	12-Apr-96	C51									KIZ 005	KKA 005						
20400	13-May-96	C51									<20.00	<50.00						
20400 (6)	13-May-96	C51									KKH 011	KKG 011						
20400	27-Jun-96	C51									<500.00							
20400 (6)	27-Jun-96	C51									AXXJ 003							
20400	27-Jun-96	C51															<4.00	
20400 (6)	27-Jun-96	C51															EXS 003	
20400 (4)	28-Jun-96	C51																

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20400	02-May-95	F47								<13.00	<9.50							
20400 (6)	02-May-95	F47								DWQ 013	DWQ 013							
20400	03-May-95	F47	9840	200000	62700.00	7.64	910.00	2000.00	<10.00			0.80	<0.60	0.30				
20400 (6)	03-May-95	F47	DWT 013	DWK 015	DVW 029	DWS 013	DWU 013	VVA 006	WM 006			DWR 013	DWR 013	DWR 013				
20400	08-Jun-95	F47	5670		#########	7.41	714.00	1000.00										
20400 (6)	08-Jun-95	F47	EEI 002		EEF 031	EEH 002	EEJ 002	EEE 004										
20400	12-Jul-95	F48	5400		#########	7.27	607.00	3000.00										
20400 (6)	12-Jul-95	F48	ENU 002		ENR 009	ENT 002	ENV 002	ENQ 004										
20400	14-Aug-95	F48	8560	150000	24.30	7.56	676.00	4000.00	180.00									
20400 (6)	14-Aug-95	F48	ETZ 005	ETV 007	ETH 017	ETY 005	EUA 005	ETG 007	ETW 006									
20400	19-Sep-95	F48	5900		107000.00	7.65	884.00	4000.00										
20400 (6)	19-Sep-95	F48	EWK 005		EWH 041	EWJ 005	EWL 005	EWG 007										
20400	10-Oct-95	C49	8500.00		53600.00	7.54	658.00	19000.00										
20400 (6)	10-Oct-95	C49	EWS 006		EWP 047	EWR 006	EWT 006	EWO 008										
20400	28-Nov-95	C49	10780.00	200.00	55000.00	7.95		<10000.00										
20400 (6)	28-Nov-95	C49	Field	KIG 006	FVZ 004	Field		KGI 003										
20400	28-Nov-95	C49							130.00									
20400 (6)	28-Nov-95	C49							EXN 005									
20400	14-Dec-95	C49	12600.00		61000.00	7.98		<10000.00										
20400 (6)	14-Dec-95	C49	Field		KIB 005	Field		KJA 002										
20400	12-Jan-96	C50	9700.00		64000.00	7.55		<10000.00										
20400 (6)	12-Jan-96	C50	Field		KIK 006	Field		KGG 003										
20400	20-Feb-96	C50	11200.00	400.00	35200.00	7.42		<10000.00										
20400 (6)	20-Feb-96	C50	Field	KIR 006	KIQ 006	Field		KGJ 005										
20400	20-Feb-96	C50							210.00									
20400 (6)	20-Feb-96	C50							EXP 004									
20400	12-Mar-96	C50	9000.00		44200.00	6.91		<10000.00										
20400 (6)	12-Mar-96	C50	Field		KIW 005	Field		AKL 002										
20400	12-Mar-96	C50						<10000.00										
20400 (6)	12-Mar-96	C50						KGO 003										
20400	12-Apr-96	C51	1300.00		50000.00	7.52		<10000.00										
20400 (6)	12-Apr-96	C51	Field		KKB 005	Field		KGQ 003										
20400	13-May-96	C51	9700.00		59000.00	7.38		<10000.00										
20400 (6)	13-May-96	C51	Field		KKI 011	Field		KGT 009										
20400	27-Jun-96	C51	9900.00		56000.00	7.45		<4000.00										
20400 (6)	27-Jun-96	C51	Field		AXXI 003	Field		AXWE 003										
20400	27-Jun-96	C51							20.00									
20400 (6)	27-Jun-96	C51							EXR 003									
20400 (4)	28-Jun-96	C51													19.00	170.00	6.80	3.20

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20400 (4,6)	28-Jun-96	C51																
20400	28-Jun-96	C51	<10.00	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		94.40	<20.00	2.20	3.60			16.80
20400 (6)	28-Jun-96	C51	XVZ 007	XVZ 007	XVZ 007	XVZ 007	XVZ 007	XVZ 007		AXWB 009		AXZR 006	XVZ 007	XZZ 005	XZZ 005			AXYR 003
20400 (5)	25-Jul-96	C52										39.70						
20400 (6)	25-Jul-96	C52										AYFW 004						
20400 (5)	30-Jul-96	C52									<500.00							
20400 (6)	30-Jul-96	C52									AYDP 003							
20400	12-Aug-96	C52							<0.20		<500.00	47.50						
20400 (6)	12-Aug-96	C52							AYKI 013		AYHD 003	YWF 003						
20400	04-Sep-96	C52	<10.00	<5.00	<10.00	<20.00	<40.00			<10.00	<500.00	50.70	<20.00					<10.00
20400 (6)	04-Sep-96	C52	YYT 009	YYT 009	YYT 009	YYT 009	YYT 009			AYZN 005	YZF 005	YXC 005	YYT 009					AYZL 005
20400	04-Sep-96	C52															<8.00	
20400 (6)	04-Sep-96	C52															EXU 005	
20500	07-Oct-93	F41									<12.10	55.20						
20500 (6)	07-Oct-93	F41									BYN 006	BYO 007						
20500	11-Nov-93	F41		0.14	<2.18	5.41	<5.94			<8.35	<12.10	392.00	35.10	11.50	10.20	8.50	<4000.00	8.00
20500 (6)	11-Nov-93	F41		CCR 005	CCS 005	CCT 005	CCU 005			CCX 004	CCV 004	CCW 005	CCY 005	CDK 001	CDK 001	CDL 001	CDE 004	CDB 006
20500	08-Dec-93	F41									<12.10	93.40						
20500 (6)	08-Dec-93	F41									CDN 003	CDO 004						
20500	18-Dec-93	F41																
20500 (6)	18-Dec-93	F41																
20500	13-Jan-94	F42									49.20	89.40						
20500 (6)	13-Jan-94	F42									CIU 009	CIV 009						
20500	09-Feb-94	F42		0.10	7.42	8.23	<5.94			<8.35	71.40	72.30	100.00	27.30	<21.00	<18.30	8000.00	28.00
20500 (6)	09-Feb-94	F42		CJI 005	CJJ 005	CJK 005	CJL 005			CJM 004	CJD 004	CJE 005	CJN 005	CJX 001	CJX 001	CJY 001	CJQ 004	CJO 006
20500	10-Mar-94	F42									<12.10	75.60						
20500 (6)	10-Mar-94	F42									CKC 006	CKD 006						
20500	11-Apr-94	F43									<12.10	51.20						
20500 (6)	11-Apr-94	F43									CKL 005	CKM 006						
20500	09-May-94	F43	<1.93	0.29	<2.18	4.26	<5.94	<2.65	<0.70	<5.00	30.30	50.20	114.00	<6.40	<10.60	<20.30	<4.00	10.00
20500 (6)	09-May-94	F43	CLI 010	CLD 011	CLE 011	CLF 010	CLG 010	CLH 011	CLJ 007	CLN 006	CLK 007	CLM 007	CLO 007	CMA 004	CMA 004	CMB 004	CLU 006	CLS 006
20500	01-Jun-94	F43									28.90	48.80						
20500 (6)	01-Jun-94	F43									CPN 005	CPO 006						
20500	22-Jul-94	F44									<12.10	55.20						
20500 (6)	22-Jul-94	F44									CYX 006	CYY 006						
20500	25-Aug-94	F44		<0.10	3.62	31.00	13.40			<8.35	<12.10	54.20	88.20	<3.40	<6.30	21.80	5000.00	8.00
20500 (6)	25-Aug-94	F44		DDX 005	DDY 005	DDZ 017	DEA 005			DEB 004	DDS 005	DDT 005	DEC 005	DEL 001	DEL 001	DEL 001	DEF 004	DED 005
20500	28-Sep-94	F44									<12.10	351.00						

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Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20400 (4,6)	28-Jun-96	C51													AXZJ 006	AXZJ 006	AXZJ 006	AXZJ 006
20400	28-Jun-96	C51		149.00											77.00	240.00	4.30	10.00
20400 (6)	28-Jun-96	C51		AXXA 003											AXZJ 005	AXZJ 005	AXZJ 005	AXZJ 005
20400 (5)	25-Jul-96	C52	4000.00			7.58		<4000.00										
20400 (6)	25-Jul-96	C52	Field			Field		AZME 003										
20400 (5)	30-Jul-96	C52			58900.00													
20400 (6)	30-Jul-96	C52			AYDQ 003													
20400	12-Aug-96	C52	7950.00		59700.00	7.58		<4000.00										
20400 (6)	12-Aug-96	C52	Field		AYHE 003	Field		AYSO 003										
20400	04-Sep-96	C52	9390.00	282.00	56700.00	7.8		<4000.00										
20400 (6)	04-Sep-96	C52	Field	ZDR 005	AYZP 005	Field		AYYU 005										
20400	04-Sep-96	C52							440.00									
20400 (6)	04-Sep-96	C52							EXT 005									
20500	07-Oct-93	F41	8250.00		91600	8.02	791.00	3000.00										
20500 (6)	07-Oct-93	F41	BYT 004		BYQ 007	BYS 004	BYU 004	BYP 006										
20500	11-Nov-93	F41	6420.00	220.00	37000	8.30	591.00	1000.00	1300.00	8.50	<5.40	0.70	<0.10	0.30				
20500 (6)	11-Nov-93	F41	CDI 002	CDF 004	CDC 004	CDH 002	CDJ 002	CCZ 004	CDG 006	CDL 001	CDL 001	CDM 001	CDM 001	CDM 001				
20500	08-Dec-93	F41			180000			4000.00										
20500 (6)	08-Dec-93	F41			CDQ 003			CDP 003										
20500	18-Dec-93	F41	89.00			7.75	1140.00											
20500 (6)	18-Dec-93	F41	CDT 001			CDS 001	CDU 001											
20500	13-Jan-94	F42	8420.00		210000	8.15	1270.00	3000.00										
20500 (6)	13-Jan-94	F42	CJA 006		CIX 009	CIZ 006	CJB 006	CIW 007										
20500	09-Feb-94	F42	8510.00	0.75	410000	8.01	2290.00	6000.00	<10.00	<10.70	<7.60	0.60	<0.20	0.40				
20500 (6)	09-Feb-94	F42	CJV 002	CJR 004	CJG 004	CJU 002	CJW 002	CJF 004	CJS 003	CJY 001	CJY 001	CJZ 001	CJZ 001	CJZ 001				
20500	10-Mar-94	F42	9180.00		120000	7.95	1080.00	2000.00										
20500 (6)	10-Mar-94	F42	CKI 003		CKF 005	CKH 003	CKJ 003	CKE 005										
20500	11-Apr-94	F43	7810.00		290000	7.71	1410.00	1000.00										
20500 (6)	11-Apr-94	F43	CKR 003		CKO 005	CKQ 003	CKS 003	CKN 005										
20500	09-May-94	F43	0.01	0.07	283000	7.56	1090.00	2000.00	<10.00	<5.30	<15.00	2.50	0.40	1.20				
20500 (6)	09-May-94	F43	CME 004	CLX 006	CLR 017	CMD 004	CMF 004	CLP 005	CLV 006	CMB 004	CMB 004	CMC 004	CMC 004	CMC 004				
20500	01-Jun-94	F43	0.01		45100	7.46	612.00	<1000.00										
20500 (6)	01-Jun-94	F43	CPT 003		CPQ 005	CPS 003	CPU 003	CPP 005										
20500	22-Jul-94	F44	3220.00		82600	7.76	620.00	<1000.00										
20500 (6)	22-Jul-94	F44	CZD 003		CZA 005	CZC 003	CZE 003	CYZ 005										
20500	25-Aug-94	F44	8500.00	200.00	79000	7.99	634.00	<1000.00	400.00	<5.20	<5.70	1.30	0.20	0.50				
20500 (6)	25-Aug-94	F44	DEJ 002	DEG 004	DDV 005	DEI 002	DEK 002	DDU 004	DEH 003	DEL 001	DEL 001	DEL 001	DEL 001	DEL 001				
20500	28-Sep-94	F44	6640.00		1120000	7.80	801.00	7000.00										

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20500 (6)	28-Sep-94	F44									DIS 006	DIT 006						
20500	07-Oct-94	F45									L<12.10	46.50						
20500 (6)	07-Oct-94	F45									DKK 006	DKL 006						
20500	08-Nov-94	F45		0.19	<2.18	9.14	<5.94			<8.35	<12.10	39.20	56.10	<13.20	<15.10	<14.60	<4000.00	17.40
20500 (6)	08-Nov-94	F45		DNG 007	DNH 005	DNI 004	DNJ 005			DNK 004	DNB 005	DNC 005	DNL 005	DNV 001	DNV 001	DNW 001	DNO 004	DNM 005
20500	08-Dec-94	F45									<12.10	44.80						
20500 (6)	08-Dec-94	F45									DOA 005	DOB 006						
20500	17-Jan-95	F46									<12.10	161.00						
20500 (6)	17-Jan-95	F46									DOI 060	DOJ 006						
20500	01-Feb-95	F46	<1.93	0.40	<2.18	10.00	9.16	<2.65	<0.70	<8.35	<12.10	110.00	174.00				<4000.00	22.00
20500 (6)	01-Feb-95	F46	DPA 005	DOV 005	DOW 005	DOX 005	DOZ 005	OY 003	DPB 006	DPC 005	DOQ 011	DOR 005	DPD 005				DPG 004	DPE 006
20500	04-Apr-95	F47									<12.10	39.20						
20500 (6)	04-Apr-95	F47									DTA 036	DTB 006						
20500	02-May-95	F47												<13.20	<13.10	<14.20		
20500 (6)	02-May-95	F47												DWP 011	DWP 011	DWQ 011		
20500	03-May-95	F47	2.18	0.18	<2.18	20.10	<5.94	<2.65	<0.70	<8.35	<12.10	29.10	127.00				<4000.00	21.00
20500 (6)	03-May-95	F47	DWD 028	DVY 023	DVZ 016	DWA 014	DWC 014	WB 014	DWE 018	DWF 017	DVT 025	DVU 014	DWG 014				DWJ 013	DWH 014
20500	08-Jun-95	F47									<12.10	37.10						
20500 (6)	08-Jun-95	F47									EEC 014	EED 006						
20500	12-Jul-95	F48									<12.10	51.20						
20500 (6)	12-Jul-95	F48									ENO 006	ENP 016						
20500	14-Aug-95	F48	<1.93	0.23	<2.18	4.85	R<5.94	<2.65	<0.70	<8.35	<12.10	36.10	92.20				<4000.00	14.00
20500 (6)	14-Aug-95	F48	ETO 019	ETJ 028	ETK 005	ETL 038	ETN 005	TM 013	ETP 020	ETQ 004	ETE 014	ETF 005	ETR 008				ETU 004	ETS 004
20500	19-Sep-95	F48									<12.10	62.20						
20500 (6)	19-Sep-95	F48									EWE 017	EWF 010						
20500 (5)	10-Oct-95	C49									<12.10	35.10						
20500 (6)	10-Oct-95	C49									EWM 018	EWN 010						
20500	28-Nov-95	C49		<5.00	<15.00	<20.00	<63.10	<100.00	<0.74	<8.17	60.00	100.00	47.80					<50.00
20500 (6)	28-Nov-95	C49		IRL 021	IRL 021	IRL 021	IRL 021	IRL 021	JDP 011	IMQ 018	FVX 016	FVY 015	IRL 021					KGH 007
20500	28-Nov-95	C49															4000.00	
20500 (6)	28-Nov-95	C49															EXO 005	
20500 (4)	28-Nov-95	C49																<50.00
20500 (4,6)	28-Nov-95	C49																KGH 008
20500	13-May-96	C51									<20.00	50.00						
20500 (6)	13-May-96	C51									KKH 010	KKG 010						
20500	27-Jun-96	C51									<500.00							
20500 (6)	27-Jun-96	C51									AXXJ 004							
20500	27-Jun-96	C51															<4.00	
20500 (6)	27-Jun-96	C51															EXS 004	

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20500 (6)	28-Sep-94	F44	DIY 003		DIV 006	DIX 003	DIZ 003	DIU 005										
20500	07-Oct-94	F45	7340		2100.00	6.97	361.00	<1000.00										
20500 (6)	07-Oct-94	F45	DKQ 003		DKN 005	DKP 003	DKR 003	DKM 005										
20500	08-Nov-94	F45	7300	130	230000.00	7.40	1150.00	<1000.00	10.00									
20500 (6)	08-Nov-94	F45	DNT 002	DNP 004	DNE 004	DNS 002	DNU 002	DND 004	DNQ 003									
20500	08-Dec-94	F45	8500		380000.00	7.29	1050.00	4000.00										
20500 (6)	08-Dec-94	F45	DOG 003		DOD 008	DOF 003	DOH 003	DOC 005										
20500	17-Jan-95	F46	12100		427000.00	6.88	952.00	15000.00										
20500 (6)	17-Jan-95	F46	DOO 003		DOL 010	DON 003	DOP 003	DOK 005										
20500	01-Feb-95	F46	10200	410	719000.00	6.55	1410.00	27000.00	70.00									
20500 (6)	01-Feb-95	F46	DPL 002	DPH 004	DOT 009	DPK 002	DPM 002	DOS 004	DPI 003									
20500	04-Apr-95	F47	10100		442000.00	6.82	2180.00	3000.00										
20500 (6)	04-Apr-95	F47	DTG 003		DTD 023	DTF 003	DTH 003	DTC 005										
20500	02-May-95	F47								<14.20	<5.00							
20500 (6)	02-May-95	F47								DWQ 011	DWQ 011							
20500	03-May-95	F47	11200	170000	470000.00	7.11	2140.00	1000.00	<10.00			1.10	<0.40	0.80				
20500 (6)	03-May-95	F47	DWT 011	DWK 013	DVW 025	DWS 011	DWU 011	VVA 004	WM 004			DWR 011	DWR 011	DWR 011				
20500	08-Jun-95	F47	10200		#########	7.57	730.00	4000.00										
20500 (6)	08-Jun-95	F47	EEI 003		EEF 032	EEH 003	EEJ 003	EEE 005										
20500	12-Jul-95	F48	10000		#########	7.50	1080.00	1000.00										
20500 (6)	12-Jul-95	F48	ENU 003		ENR 020	ENT 003	ENV 003	ENQ 005										
20500	14-Aug-95	F48	7260	<50000.00	33.90	7.09	533.00	6000.00	>3000.00									
20500 (6)	14-Aug-95	F48	ETZ 002	ETV 004	ETH 014	ETY 002	EUA 002	ETG 004	ETW 003									
20500	19-Sep-95	F48	5700		452000.00	7.63	1620.00	8000.00										
20500 (6)	19-Sep-95	F48	EWK 007		EWH 045	EWJ 007	EWL 007	EWG 009										
20500 (5)	10-Oct-95	C49	9060.00		146000.00	7.34	802.00	3000.00										
20500 (6)	10-Oct-95	C49	EWS 007		EWP 061	EWR 007	EWT 007	EWO 009										
20500	28-Nov-95	C49	Frozen	200.00	450000.00	7.55		<10000.00										
20500 (6)	28-Nov-95	C49		KIG 017	FVZ 016	Field		AKL 011										
20500	28-Nov-95	C49							810.00									
20500 (6)	28-Nov-95	C49							EXN 006									
20500 (4)	28-Nov-95	C49																
20500 (4,6)	28-Nov-95	C49																
20500	13-May-96	C51	8800.00		390000.00	7.30		<10000.00										
20500 (6)	13-May-96	C51	Field		KKI 010	Field		KGT 008										
20500	27-Jun-96	C51	9000.00		531000.00	7.15		<23000.00										
20500 (6)	27-Jun-96	C51	Field		AXXI 004	Field		AXWE 004										
20500	27-Jun-96	C51							240.00									
20500 (6)	27-Jun-96	C51							EXR 004									

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20500	28-Jun-96	C51	<10.00	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		53.70	28.70	<2.00	<18.00			35.90
20500 (6)	28-Jun-96	C51	XVZ 008	XVZ 008	XVZ 008	XVZ 008	XVZ 008	XVZ 008		AXWB 010		AXZR 007	XVZ 008	XZZ 006	XZZ 006			AXYR 004
20500	25-Jul-96	C52										45.20						
20500 (6)	25-Jul-96	C52										AYFW 006						
20500 (4)	25-Jul-96	C52										41.00						
20500 (4,6)	25-Jul-96	C52										AYFW 007						
20500	30-Jul-96	C52									<500.00							
20500 (6)	30-Jul-96	C52									AYDP 005							
20500 (4)	30-Jul-96	C52									<500.00							
20500 (4,6)	30-Jul-96	C52									AYDP 006							
20500	12-Aug-96	C52							<0.20		<500.00	76.80						
20500 (6)	12-Aug-96	C52							AYKI 014		AYHD 004	YWF 004						
20700	11-Nov-93	F41		<0.10	<2.18	<0.50	<5.94			<8.35	<12.10	67.30	<29.40	<4.60	4.30	<15.00	6000.00	46.00
20700 (6)	11-Nov-93	F41		CCR 010	CCS 010	CCT 010	CCU 010			CCX 010	CCV 010	CCW 010	CCY 010	CDK 004	CDK 004	CDL 004	CDE 009	CDB 011
20700	09-Feb-94	F42																
20700 (6)	09-Feb-94	F42																
20700	10-Feb-94	F42		0.10	<2.18	3.81	<5.94			<8.35	<12.10	61.20	<29.40	<4.80	19.20	<16.10	<4000.00	42.00
20700 (6)	10-Feb-94	F42		CJI 010	CJJ 010	CJK 010	CJL 009			CJM 010	CJD 010	CJE 010	CJN 010	CJX 004	CJX 004	CJY 004	CJQ 009	CJO 011
20700	12-May-94	F43	<1.93	<0.10	<2.18	<0.50	<5.94	<2.65	<0.70	<5.00	54.40	87.30	33.10	5.30	10.90	<22.30	<4.00	44.00
20700 (6)	12-May-94	F43	CLI 012	CLD 013	CLE 013	CLF 012	CLG 012	CLH 013	CLJ 009	CLN 009	CLL 003	CLM 009	CLO 009	CMA 006	CMA 006	CMB 006	CMG 003	CLS 008
20700	25-Aug-94	F44		<0.10	2.37	6.17	<5.94			<8.35	<12.10	264.00	70.10	<2.60	<5.50	22.20	13000.00	85.00
20700 (6)	25-Aug-94	F44		DDX 010	DDY 010	DDZ 022	DEA 010			DEB 011	DDS 010	DDT 010	DEC 010	DEL 004	DEL 004	DEL 004	DEF 009	DED 010
20700	08-Nov-94	F45																
20700 (6)	08-Nov-94	F45																
20700	09-Nov-94	F45		<0.10	<2.18	2.41	<5.94			<8.35	<12.10	80.90	<29.40	<4.80	5.40	<17.20	4400.00	53.40
20700 (6)	09-Nov-94	F45		DNG 012	DNH 010	DNI 009	DNJ 010			DNK 010	DNB 010	DNC 010	DNL 010	DNV 004	DNV 004	DNW 004	DNO 009	DNM 010
20700	17-Jan-95	F46									<12.10	56.20						
20700 (6)	17-Jan-95	F46									DOI 064	DOJ 010						
20700	01-Feb-95	F46	<1.93	0.17	<2.18	9.33	<5.94			<8.35	<12.10	41.20	<29.40				<4000.00	51.00
20700 (6)	01-Feb-95	F46	DPA 009	DOV 010	DOW 010	DOX 010	DOZ 010			DPC 010	DOQ 036	DOR 010	DPD 010				DPG 009	DPE 011
20700	02-Mar-95	F46									<12.10	35.10						
20700 (6)	02-Mar-95	F46									DQH 004	DQI 004						
20700	04-Apr-95	F47									<12.10	110.00						
20700 (6)	04-Apr-95	F47									DTA 040	DTB 010						
20700	02-May-95	F47	<1.93	<0.10	<2.18	6.99	<5.94	<2.65	<0.70	<8.35	<12.10	131.00	36.10	6.90	7.20	<15.20	4000.00	56.00
20700 (6)	02-May-95	F47	DWD 018	DVY 013	DVZ 006	DWA 004	DWC 004	WB 004	DWE 006	DWF 003	DVS 009	DVU 004	DWG 004	DWP 001	DWP 001	DWQ 001	DWJ 003	DWH 004
20700	08-Jun-95	F47									<12.10	131.00						
20700 (6)	08-Jun-95	F47									EEC 018	EED 008						

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20500	28-Jun-96	C51		173.00											240.00	260.00	17.00	25.00
20500 (6)	28-Jun-96	C51		AXXA 004											AXZJ 007	AXZJ 007	AXZJ 007	AXZJ 007
20500	25-Jul-96	C52	2200.00			6.95		7000.00										
20500 (6)	25-Jul-96	C52	Field			Field		AZME 005										
20500 (4)	25-Jul-96	C52						5000.00										
20500 (4,6)	25-Jul-96	C52						AZME 006										
20500	30-Jul-96	C52			748000.00													
20500 (6)	30-Jul-96	C52			AYDQ 005													
20500 (4)	30-Jul-96	C52			733000.00													
20500 (4,6)	30-Jul-96	C52			AYDQ 006													
20500	12-Aug-96	C52	6450.00		694000.00	7.07		<4000.00										
20500 (6)	12-Aug-96	C52	Field		AYHE 004	Field		AYSO 004										
20700	11-Nov-93	F41	10100.00	170.00	24000	8.60	429.00	10000.00	30.00	<7.60	<7.20	<0.60	<0.40	0.10				
20700 (6)	11-Nov-93	F41	CDI 007	CDF 009	CDC 010	CDH 007	CDJ 007	CCZ 009	CDG 007	CDL 004	CDL 004	CDM 004	CDM 004	CDM 004				
20700	09-Feb-94	F42	2260.00			7.91	636.00											
20700 (6)	09-Feb-94	F42	CJV 007			CJU 007	CJW 007											
20700	10-Feb-94	F42		1.10	29000			<1000.00	<10.00	<7.20	<8.90	0.30	<0.20	0.30				
20700 (6)	10-Feb-94	F42		CJR 009	CJG 010			CJF 009	CJT 003	CJY 004	CJY 004	CJZ 004	CJZ 004	CJZ 004				
20700	12-May-94	F43	0.01	<0.05	25000	6.81	345.00	14000.00	<10.00	<12.50	<9.80	0.20	<0.20	0.20				
20700 (6)	12-May-94	F43	CME 006	CLX 008	CLR 008	CMD 006	CMF 006	CLP 008	CLW 002	CMB 006	CMB 006	CMC 006	CMC 006	CMC 006				
20700	25-Aug-94	F44	7220.00	340.00	29800	8.42	324.00	45000.00	220.00	<12.30	<3.00	<0.60	<0.50	<0.70				
20700 (6)	25-Aug-94	F44	DEJ 007	DEG 009	DDV 010	DEI 007	DEK 007	DDU 009	DEH 008	DEL 004	DEL 004	DEL 004	DEL 004	DEL 004				
20700	08-Nov-94	F45				7.40												
20700 (6)	08-Nov-94	F45				DNS 007												
20700	09-Nov-94	F45	6640	150	35000.00		304.00	13000.00	10.00									
20700 (6)	09-Nov-94	F45	DNT 007	DNP 009	DNE 010		DNU 007	DND 009	DNR 003									
20700	17-Jan-95	F46	10500		181000.00	6.78	637.00	3000.00										
20700 (6)	17-Jan-95	F46	DOO 007		DOL 013	DON 007	DOP 007	DOK 009										
20700	01-Feb-95	F46	13600	170	39600.00	7.02	420.00	<1000.00	10.00									
20700 (6)	01-Feb-95	F46	DPL 007	DPH 009	DOT 035	DPK 007	DPM 007	DOS 009	DPI 008									
20700	02-Mar-95	F46	18700.00		43400.00	7.33		9000.00										
20700 (6)	02-Mar-95	F46	DQN 001		DQK 017	DQM 001		DQJ 003										
20700	04-Apr-95	F47	12700		23100.00	7.37	329.00	15000.00										
20700 (6)	04-Apr-95	F47	DTG 005		DTD 027	DTF 005	DTH 005	DTC 009										
20700	02-May-95	F47	10900	230000	27600.00	7.57	381.00	18000.00	<10.00	<15.20	<10.20	1.00	<0.50	<0.50				
20700 (6)	02-May-95	F47	DWT 001	DWK 003	DVW 002	DWS 001	DWU 001	DVV 003	DWL 002	DWQ 001	DWQ 001	DWR 001	DWR 001	DWR 001				
20700	08-Jun-95	F47	7270		#########	7.45	298.00	29000.00										
20700 (6)	08-Jun-95	F47	EEI 005		EEF 034	EEH 005	EEJ 005	EEE 007										

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Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20700	12-Jul-95	F48									<12.10	161.00						
20700 (6)	12-Jul-95	F48									ENO 008	ENP 018						
20700	14-Aug-95	F48	<1.93	0.16	<2.18	1.88	R<5.94			<8.35	<12.10	221.00	<29.40				7000.00	88.00
20700 (6)	14-Aug-95	F48	ETO 023	ETJ 040	ETK 010	ETL 057	ETN 012			ETQ 009	ETE 019	ETF 010	ETR 015				ETU 009	ETS 009
20700	19-Sep-95	F48									<12.10	181.00						
20700 (6)	19-Sep-95	F48									EWE 008	EWF 005						
20700	10-Oct-95	C49									<12.10	110.00						
20700 (6)	10-Oct-95	C49									EWM 009	EWN 005						
20700	28-Nov-95	C49	<12.50	<5.00	<15.00	<20.00	<63.10	<100.00		<8.17	20.00	80.00	<13.00					<50.00
20700 (6)	28-Nov-95	C49	IRL 007	IRL 007	IRL 007	IRL 007	IRL 007	IRL 007		IMQ 004	FVX 005	FVY 002	IRL 007					KGH 004
20700 (4)	28-Nov-95	C49																
20700 (4,6)	28-Nov-95	C49																
20700 (4)	28-Nov-95	C49										80.00						
20700 (4,6)	28-Nov-95	C49										FVY 003						
20700	28-Nov-95	C49															10000.00	
20700 (6)	28-Nov-95	C49															EXO 006	
20700 (4)	28-Nov-95	C49																
20700 (4,6)	28-Nov-95	C49																
20700 (4)	28-Nov-95	C49																
20700 (4,6)	28-Nov-95	C49																
20700	14-Dec-95	C49									<20.00	70.00						
20700 (6)	14-Dec-95	C49									KIE 010	KID 010						
20700	12-Jan-96	C50									20.00	60.00						
20700 (6)	12-Jan-96	C50									KIJ 006	KIJA 008						
20700	20-Feb-96	C50	<12.50	<5.00	<15.00	25.10	<5.00		<0.74	<8.17	<20.00	60.00	15.30					<50.00
20700 (6)	20-Feb-96	C50	IRO 008	IRO 008	IRO 008	IRO 008	EXU 007		JDU 007	IMR 009	KIO 007	KIP 007	IRO 008					KGK 007
20700	20-Feb-96	C50															<4000.00	
20700 (6)	20-Feb-96	C50															EXQ 004	
20700 (5)	12-Mar-96	C50									20.00	130.00						
20700 (6)	12-Mar-96	C50									KIT 008	KIU 008						
20700	12-Apr-96	C51									<20.00	170.00						
20700 (6)	12-Apr-96	C51									KIZ 008	KKA 008						
20700	13-May-96	C51									<20.00	80.00						
20700 (6)	13-May-96	C51									KKH 006	KKG 006						
20700	27-Jun-96	C51									<500.00							
20700 (6)	27-Jun-96	C51									AXXJ 010							
20700	27-Jun-96	C51															<4.00	
20700 (6)	27-Jun-96	C51															EXS 010	
20700	28-Jun-96	C51	<10.00	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		91.60	<20.00	<0.85	2.80			57.20

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20700	12-Jul-95	F48	7300		#########	8.31	323.00	########										
20700 (6)	12-Jul-95	F48	ENU 005		ENR 014	ENT 005	ENV 005	ENQ 007										
20700	14-Aug-95	F48	5940	50000	15.20	7.67	276.00	69000.00	210.00									
20700 (6)	14-Aug-95	F48	ETZ 007	ETV 009	ETH 019	ETY 007	EUA 007	ETG 009	ETW 008									
20700	19-Sep-95	F48	6600		26200.00	8.39	350.00	35000.00										
20700 (6)	19-Sep-95	F48	EWK 002		EWH 036	EWJ 002	EWL 002	EWG 004										
20700	10-Oct-95	C49	7000.00		30600.00	7.38	340.00	20000.00										
20700 (6)	10-Oct-95	C49	EWS 002		EWP 037	EWR 002	EWT 002	EWO 004										
20700	28-Nov-95	C49	15140.00	200.00	26000.00	7.90		<10000.00										
20700 (6)	28-Nov-95	C49	Field	KIG 007	FVZ 005	Field		KGI 004										
20700 (4)	28-Nov-95	C49						<10000.00										
20700 (4,6)	28-Nov-95	C49						KGI 005										
20700 (4)	28-Nov-95	C49																
20700 (4,6)	28-Nov-95	C49																
20700	28-Nov-95	C49							<10.00									
20700 (6)	28-Nov-95	C49							EXN 007									
20700 (4)	28-Nov-95	C49							<10.00									
20700 (4,6)	28-Nov-95	C49							EXN 008									
20700 (4)	28-Nov-95	C49							10.00									
20700 (4,6)	28-Nov-95	C49							EXN 009									
20700	14-Dec-95	C49	11100.00		29000.00	7.76		<10000.00										
20700 (6)	14-Dec-95	C49	Field		KIB 010	Field		KJA 007										
20700	12-Jan-96	C50	1500.00		36000.00	6.94		<10000.00										
20700 (6)	12-Jan-96	C50	Field		KIK 008	Field		KGG 005										
20700	20-Feb-96	C50	3700.00	<100.00	55800.00	7.03		<10000.00										
20700 (6)	20-Feb-96	C50	Field	KIR 007	KIQ 007	Field		KGJ 006										
20700	20-Feb-96	C50							37.00									
20700 (6)	20-Feb-96	C50							EXP 005									
20700 (5)	12-Mar-96	C50	8600.00		96500.00	7.22		<10000.00										
20700 (6)	12-Mar-96	C50	Field		KIW 008	Field		KGO 006										
20700	12-Apr-96	C51	11600.00		26000.00	7.52		<10000.00										
20700 (6)	12-Apr-96	C51	Field		KKB 008	Field		KGQ 006										
20700	13-May-96	C51	11000.00		27000.00	8.55		<10000.00										
20700 (6)	13-May-96	C51	Field		KKI 006	Field		KGT 004										
20700	27-Jun-96	C51	8300.00		23800.00	8.23		24000.00										
20700 (6)	27-Jun-96	C51	Field		AXXI 010	Field		AXWE 010										
20700	27-Jun-96	C51							590.00									
20700 (6)	27-Jun-96	C51							EXR 010									
20700	28-Jun-96	C51		<50.00											36.00	10.00	3.30	1.10

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20700 (6)	28-Jun-96	C51	XVZ 014	XVZ 014	XVZ 014	XVZ 014	XVZ 014	XVZ 014		AXWB 016		AXZR 013	XVZ 014	XZZ 012	XZZ 012			AXYR 010
20700	25-Jul-96	C52										155.00						
20700 (6)	25-Jul-96	C52										AYFW 011						
20700	30-Jul-96	C52									<500.00							
20700 (6)	30-Jul-96	C52									AYDP 010							
20700	12-Aug-96	C52							<0.20		<500.00	349.00						
20700 (6)	12-Aug-96	C52							AYKI 018		AYHD 008	YWF 008						
20700	04-Sep-96	C52	<10.00	<5.00	<10.00	<20.00	<40.00		<0.20	<10.00	<500.00	195.00	<20.00					40.10
20700 (6)	04-Sep-96	C52	YYT 010	YYT 010	YYT 010	YYT 010	YYT 010		AZBI 008	YZN 006	YZF 006	YXC 006	YYT 010					AYZL 006
20700	04-Sep-96	C52															<8.00	
20700 (6)	04-Sep-96	C52															EXU 006	
20800	07-Oct-93	F41									13.30	100.00						
20800 (6)	07-Oct-93	F41									BYN 008	BYO 008						
20800	11-Nov-93	F41		0.20	<2.18	<0.50	<5.94			<8.35	<12.10	67.30	<29.40	<4.80	7.50	<10.00	5000.00	46.00
20800 (6)	11-Nov-93	F41		CCR 007	CCS 007	CCT 007	CCU 007			CCX 006	CCV 006	CCW 007	CCY 007	CDK 002	CDK 002	CDL 002	CDE 006	CDB 008
20800	08-Dec-93	F41									<12.10	42.20						
20800 (6)	08-Dec-93	F41									CDN 004	CDO 005						
20800	18-Dec-93	F41																
20800 (6)	18-Dec-93	F41																
20800	13-Jan-94	F42									14.10	50.20						
20800 (6)	13-Jan-94	F42									CIU 006	CIV 007						
20800	09-Feb-94	F42		0.29	<2.18	2.96	<5.94			<8.35	<12.10	10.00	50.10	<4.40	10.60	<14.60	<4000.00	42.00
20800 (6)	09-Feb-94	F42		CJI 007	CJJ 007	CJK 007	CJL 007			CJM 006	CJD 006	CJE 007	CJN 007	CJX 002	CJX 002	CJY 002	CJQ 006	CJO 008
20800	10-Mar-94	F42									63.40	68.10						
20800 (6)	10-Mar-94	F42									CKC 004	CKD 004						
20800	11-Apr-94	F43									<12.10	88.40						
20800 (6)	11-Apr-94	F43									CKL 003	CKM 004						
20800	09-May-94	F43	<1.93	<0.10	<2.18	1.68	<5.94	<2.65	<0.70	<5.00	17.50	63.30	58.10	9.30	7.60	<20.40	<4.00	42.00
20800 (6)	09-May-94	F43	CLI 008	CLD 009	CLE 009	CLF 008	CLG 008	CLH 009	CLJ 005	CLN 004	CLK 004	CLM 005	CLO 005	CMA 002	CMA 002	CMB 002	CLU 004	CLS 004
20800	01-Jun-94	F43									12.90	169.00						
20800 (6)	01-Jun-94	F43									CPN 003	CPO 004						
20800	22-Jul-94	F44									<12.10	241.00						
20800 (6)	22-Jul-94	F44									CYX 004	CYY 004						
20800	25-Aug-94	F44		<0.10	2.26	6.00	<5.94			<8.35	<12.10	239.00	48.10	<2.50	<4.80	345.00	14000.00	80.00
20800 (6)	25-Aug-94	F44		DDX 007	DDY 007	DDZ 019	DEA 007			DEB 007	DDS 007	DDT 007	DEC 007	DEL 002	DEL 002	DEL 002	DEF 006	DED 007
20800	28-Sep-94	F44									<12.10	100.00						
20800 (6)	28-Sep-94	F44									DIS 004	DIT 004						
20800	07-Oct-94	F45									L<12.10	205.00						

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20700 (6)	28-Jun-96	C51		AXXA 010											AXZJ 013	AXZJ 013	AXZJ 013	AXZJ 013
20700	25-Jul-96	C52	3900.00			9.02		72200.00										
20700 (6)	25-Jul-96	C52	Field			Field		AZME 010										
20700	30-Jul-96	C52			30800.00													
20700 (6)	30-Jul-96	C52			AYDQ 010													
20700	12-Aug-96	C52	3600.00		29900.00	7.58		51000.00										
20700 (6)	12-Aug-96	C52	Field		AYHE 008	Field		AYSO 008										
20700	04-Sep-96	C52	8520.00	1230.00	38800.00	7.8		6000.00										
20700 (6)	04-Sep-96	C52	Field	ZDR 006	AYZP 006	Field		AYYU 006										
20700	04-Sep-96	C52							530.00									
20700 (6)	04-Sep-96	C52							EXT 006									
20800	07-Oct-93	F41	6450.00		18900	8.08	412.00	19000.00										
20800 (6)	07-Oct-93	F41	BYT 005		BYQ 008	BYS 005	BYU 005	BYP 007										
20800	11-Nov-93	F41	8710.00	160.00	25000	8.85	443.00	10000.00	20.00	<5.60	<4.40	<0.60	<0.20	0.40				
20800 (6)	11-Nov-93	F41	CDI 004	CDF 006	CDC 006	CDH 004	CDJ 004	CCZ 006	CDG 008	CDL 002	CDL 002	CDM 002	CDM 002	CDM 002				
20800	08-Dec-93	F41			26000			3000.00										
20800 (6)	08-Dec-93	F41			CDQ 004			CDP 004										
20800	18-Dec-93	F41	12700.00			8.32	467.00											
20800 (6)	18-Dec-93	F41	CDT 002			CDS 002	CDU 002											
20800	13-Jan-94	F42	4300.00		26000	8.57	566.00	<1000.00										
20800 (6)	13-Jan-94	F42	CJA 004		CIX 006	CIZ 004	CJB 004	CIW 005										
20800	09-Feb-94	F42	2200.00	1.00	34000	7.58	668.00	1000.00	<10.00	<7.70	<6.90	0.30	<0.10	0.40				
20800 (6)	09-Feb-94	F42	CJV 004	CJR 006	CJG 006	CJU 004	CJW 004	CJF 006	CJS 005	CJY 002	CJY 002	CJZ 002	CJZ 002	CJZ 002				
20800	10-Mar-94	F42	11000.00		31000	6.77	590.00	4000.00										
20800 (6)	10-Mar-94	F42	CKI 001		CKF 003	CKH 001	CKJ 001	CKE 003										
20800	11-Apr-94	F43	7800.00		25000	8.13	379.00	9000.00										
20800 (6)	11-Apr-94	F43	CKR 001		CKO 003	CKQ 001	CKS 001	CKN 003										
20800	09-May-94	F43	0.01	<0.05	24300	7.78	361.00	12000.00	<10.00	<12.80	<7.60	0.60	<0.20	0.40				
20800 (6)	09-May-94	F43	CME 002	CLX 004	CLR 004	CMD 002	CMF 002	CLP 003	CLV 004	CMB 002	CMB 002	CMC 002	CMC 002	CMC 002				
20800	01-Jun-94	F43	0.01		25100	7.14	311.00	37000.00										
20800 (6)	01-Jun-94	F43	CPT 001		CPQ 003	CPS 001	CPU 001	CPP 003										
20800	22-Jul-94	F44	2860.00		38500	8.62	387.00	6000.00										
20800 (6)	22-Jul-94	F44	CZD 001		CZA 003	CZC 001	CZE 001	CYZ 003										
20800	25-Aug-94	F44	5140.00	340.00	32000	8.04	329.00	61000.00	220.00	<9.30	<6.20	<0.60	<0.40	<0.50				
20800 (6)	25-Aug-94	F44	DEJ 004	DEG 006	DDV 007	DEI 004	DEK 004	DDU 006	DEH 005	DEL 002	DEL 002	DEL 002	DEL 002	DEL 002				
20800	28-Sep-94	F44	8900.00		29000	8.62	288.00	38000.00										
20800 (6)	28-Sep-94	F44	DIY 001		DIV 004	DIX 001	DIZ 001	DIU 003										
20800	07-Oct-94	F45	5690		2100.00	6.65	305.00	30000.00										

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20800 (6)	07-Oct-94	F45									DKK 004	DKL 004						
20800	08-Nov-94	F45		<0.10	<2.18	6.25	<5.94			<8.35	<12.10	74.50	41.10	<4.20	6.40	<19.40	4900.00	54.40
20800 (6)	08-Nov-94	F45		DNG 009	DNH 007	DNI 006	DNJ 007			DNK 006	DNB 007	DNC 007	DNL 007	DNV 002	DNV 002	DNW 002	DNO 006	DNM 007
20800	08-Dec-94	F45									<12.10	43.00						
20800 (6)	08-Dec-94	F45									DOA 003	DOB 004						
20800	17-Jan-95	F46									<12.10	49.20						
20800 (6)	17-Jan-95	F46									DOI 056	DOJ 004						
20800	01-Feb-95	F46	<1.93	<0.10	<2.18	8.78	<5.94			<8.35	<12.10	41.20	<29.40				<4000.00	48.00
20800 (6)	01-Feb-95	F46	DPA 007	DOV 007	DOW 007	DOX 007	DOZ 007			DPC 007	DOQ 020	DOR 007	DPD 007				DPG 006	DPE 008
20800	02-Mar-95	F46									<12.10	34.10						
20800 (6)	02-Mar-95	F46									DQH 009	DQI 009						
20800	04-Apr-95	F47									<12.10	100.00						
20800 (6)	04-Apr-95	F47									DTA 032	DTB 004						
20800	02-May-95	F47												<4.30	22.80	<11.90		
20800 (6)	02-May-95	F47												DWP 012	DWP 012	DWQ 012		
20800	03-May-95	F47	<1.93	0.10	<2.18	3.55	<5.94	<2.65	<0.70	<8.35	<12.10	99.40	38.10				<4000.00	56.00
20800 (6)	03-May-95	F47	DWD 029	DVY 024	DVZ 017	DWA 015	DWC 015	WB 015	DWE 019	DWF 018	DVT 026	DVU 015	DWG 015				DWJ 014	DWH 015
20800	08-Jun-95	F47									<12.10	120.00						
20800 (6)	08-Jun-95	F47									EEC 012	EED 004						
20800	12-Jul-95	F48									<12.10	171.00						
20800 (6)	12-Jul-95	F48									ENO 004	ENP 014						
20800	14-Aug-95	F48	<1.93	0.39	<2.18	2.38	R<5.94			<8.35	<12.10	201.00	96.20				7000.00	79.00
20800 (6)	14-Aug-95	F48	ETO 021	ETJ 032	ETK 007	ETL 044	ETN 009			ETQ 006	ETE 016	ETF 007	ETR 010				ETU 006	ETS 006
20800	19-Sep-95	F48									<12.10	171.00						
20800 (6)	19-Sep-95	F48									EWE 016	EWF 009						
20800	10-Oct-95	C49									<12.10	120.00						
20800 (6)	10-Oct-95	C49									EWM 012	EWN 008						
20800	28-Nov-95	C49	<12.50	<5.00	<15.00	<20.00	<63.10	<100.00		<8.17	20.00	90.00	<13.00					<50.00
20800 (6)	28-Nov-95	C49	IRL 010	IRL 010	IRL 010	IRL 010	IRL 010	IRL 010		IMQ 010	FVX 008	FVY 008	IRL 010					KGH 009
20800	28-Nov-95	C49															8000.00	
20800 (6)	28-Nov-95	C49															EXO 009	
20800	14-Dec-95	C49									<20.00	80.00						
20800 (6)	14-Dec-95	C49									KIE 005	KID 002						
20800 (4)	14-Dec-95	C49										70.00						
20800 (4,6)	14-Dec-95	C49										KID 003						
20800 (4)	14-Dec-95	C49																
20800 (4,6)	14-Dec-95	C49																
20800	12-Jan-96	C50									20.00	70.00						
20800 (6)	12-Jan-96	C50									KIJ 010	KIJA 002						

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20800 (6)	07-Oct-94	F45	DKQ 001		DKN 003	DKP 001	DKR 001	DKM 003										
20800	08-Nov-94	F45	12700	210	38000.00	8.31	330.00	<1000.00										
20800 (6)	08-Nov-94	F45	DNT 004	DNP 006	DNE 006	DNS 004	DNU 004	DND 006										
20800	08-Dec-94	F45	11800		26200.00	7.05	438.00	2000.00										
20800 (6)	08-Dec-94	F45	DOG 001		DOD 004	DOF 001	DOH 001	DOC 003										
20800	17-Jan-95	F46	9910		113000.00	6.30	604.00	4.00										
20800 (6)	17-Jan-95	F46	DOO 001		DOL 009	DON 001	DOP 001	DOK 003										
20800	01-Feb-95	F46	13100	240	41300.00	7.02	461.00	1000.00	<10.00									
20800 (6)	01-Feb-95	F46	DPL 004	DPH 006	DOT 019	DPK 004	DPM 004	DOS 006	DPI 005									
20800	02-Mar-95	F46	18300.00		48100.00	7.70		########										
20800 (6)	02-Mar-95	F46	DQN 006		DQK 024	DQM 006		DQJ 008										
20800	04-Apr-95	F47	10200		23800.00	6.57	345.00	14000.00										
20800 (6)	04-Apr-95	F47	DTG 001		DTD 019	DTF 001	DTH 001	DTC 003										
20800	02-May-95	F47								<11.90	<9.40							
20800 (6)	02-May-95	F47								DWQ 012	DWQ 012							
20800	03-May-95	F47	10200	120000	27200.00	7.65	410.00	25000.00	<10.00			0.70	<0.40	<0.30				
20800 (6)	03-May-95	F47	DWT 012	DWK 014	DVW 027	DWS 012	DWU 012	VVA 005	WM 005			DWR 012	DWR 012	DWR 012				
20800	08-Jun-95	F47	3840		#########	7.23	307.00	25000.00										
20800 (6)	08-Jun-95	F47	EEI 001		EEF 030	EEH 001	EEJ 001	EEE 003										
20800	12-Jul-95	F48	3430		#########	7.76	329.00	47000.00										
20800 (6)	12-Jul-95	F48	ENU 001		ENR 006	ENT 001	ENV 001	ENQ 003										
20800	14-Aug-95	F48	6370	<50000.00	18.50	7.71	286.00	4900.00	350.00									
20800 (6)	14-Aug-95	F48	ETZ 004	ETV 006	ETH 016	ETY 004	EUA 004	ETG 006	ETW 005									
20800	19-Sep-95	F48	8100		24400.00	8.45	357.00	35000.00										
20800 (6)	19-Sep-95	F48	EWK 006		EWH 042	EWJ 006	EWL 006	EWG 008										
20800	10-Oct-95	C49	8950.00		135000.00	7.78	355.00	17000.00										
20800 (6)	10-Oct-95	C49	EWS 005		EWP 045	EWR 005	EWT 005	EWO 007										
20800	28-Nov-95	C49	14180.00	200.00	30000.00	7.85		<10000.00										
20800 (6)	28-Nov-95	C49	Field	KIG 010	FVZ 008	Field		KGI 006										
20800	28-Nov-95	C49							<10.00									
20800 (6)	28-Nov-95	C49							EXN 010									
20800	14-Dec-95	C49	11300.00		30000.00	7.64		<10000.00										
20800 (6)	14-Dec-95	C49	Field		KIB 002	Field		KJA 001										
20800 (4)	14-Dec-95	C49																
20800 (4,6)	14-Dec-95	C49																
20800 (4)	14-Dec-95	C49			29000.00													
20800 (4,6)	14-Dec-95	C49			KIB 004													
20800	12-Jan-96	C50	1600.00		37000.00	6.75		<10000.00										
20800 (6)	12-Jan-96	C50	Field		KIK 002	Field		KGG 001										

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20800 (4)	12-Jan-96	C50									30.00	70.00						
20800 (4,6)	12-Jan-96	C50									KIJ 009	KIJA 005						
20800 (4)	12-Jan-96	C50																
20800 (4,6)	12-Jan-96	C50																
20800 (4)	12-Jan-96	C50										60.00						
20800 (4,6)	12-Jan-96	C50										KIJA 003						
20800	20-Feb-96	C50	<12.50	<5.00	<15.00	<20.00	6.80		<0.74	<8.17	30.00	70.00	<13.00					<50.00
20800 (6)	20-Feb-96	C50	IRO 011	IRO 011	IRO 011	IRO 011	EXU 008		JDU 008	IMR 010	KIO 008	KIP 008	IRO 011					KGK 008
20800	20-Feb-96	C50															<4000.00	
20800 (6)	20-Feb-96	C50															EXQ 005	
20800	12-Mar-96	C50									<20.00	70.00						
20800 (6)	12-Mar-96	C50									KIT 002	KIU 002						
20800 (4)	12-Mar-96	C50									<20.00	70.00						
20800 (4,6)	12-Mar-96	C50									KIT 003	KIU 003						
20800	12-Apr-96	C51									<20.00	190.00						
20800 (6)	12-Apr-96	C51									KIZ 002	KKA 002						
20800 (4)	12-Apr-96	C51									<20.00	180.00						
20800 (4,6)	12-Apr-96	C51									KIZ 003	KKA 003						
20800	13-May-96	C51									<20.00	70.00						
20800 (6)	13-May-96	C51									KKH 012	KKG 012						
20800	27-Jun-96	C51									<500.00							
20800 (6)	27-Jun-96	C51									AXXJ 002							
20800	27-Jun-96	C51															4.40	
20800 (6)	27-Jun-96	C51															EXS 002	
20800 (4)	28-Jun-96	C51																
20800 (4,6)	28-Jun-96	C51																
20800	28-Jun-96	C51	<10.00	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		108.00	<20.00	0.54	2.40			57.20
20800 (6)	28-Jun-96	C51	XVZ 003	XVZ 003	XVZ 003	XVZ 003	XVZ 003	XVZ 003		AXWB 006		AXZR 003	XVZ 003	XZZ 004	XZZ 004			AXYR 002
20800 (4)	28-Jun-96	C51	<10.00	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00			<20.00					
20800 (4,6)	28-Jun-96	C51	XVZ 004	XVZ 004	XVZ 004	XVZ 004	XVZ 004	XVZ 004		AXWB 008			AXVZ 004					
20800 (4)	28-Jun-96	C51										101.00						
20800 (4,6)	28-Jun-96	C51										AXZR 004						
20800	25-Jul-96	C52										159.00						
20800 (6)	25-Jul-96	C52										AYFW 003						
20800	30-Jul-96	C52									<500.00							
20800 (6)	30-Jul-96	C52									AYDP 002							
20800	12-Aug-96	C52							<0.20		<500.00	307.00						
20800 (6)	12-Aug-96	C52							AYKI 012		AYHD 002	YWF 002						
20800	04-Sep-96	C52	<10.00	<5.00	<10.00	<20.00	<40.00		<0.20	<10.00	<500.00	180.00	<20.00					52.90

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20800 (4)	12-Jan-96	C50			39000.00			<10000.00										
20800 (4,6)	12-Jan-96	C50			KIK 005			KGG 002										
20800 (4)	12-Jan-96	C50						<10000.00										
20800 (4,6)	12-Jan-96	C50						KGG 009										
20800 (4)	12-Jan-96	C50			37000.00													
20800 (4,6)	12-Jan-96	C50			KIK 003													
20800	20-Feb-96	C50	1300.00	1900.00	56100.00	7.04		<10000.00										
20800 (6)	20-Feb-96	C50	Field	KIR 008	KIQ 008	Field		KGJ 007										
20800	20-Feb-96	C50							4.00									
20800 (6)	20-Feb-96	C50							EXP 006									
20800	12-Mar-96	C50	8800.00		83500.00	7.21		<10000.00										
20800 (6)	12-Mar-96	C50	Field		KIW 002	Field		KGO 001										
20800 (4)	12-Mar-96	C50			81000.00			<10000.00										
20800 (4,6)	12-Mar-96	C50			KIW 003			AKL 001										
20800	12-Apr-96	C51	300.00		27000.00	7.57		<10000.00										
20800 (6)	12-Apr-96	C51	Field		KKB 002	Field		KGQ 001										
20800 (4)	12-Apr-96	C51			27000.00			<10000.00										
20800 (4,6)	12-Apr-96	C51			KKB 003			KGQ 002										
20800	13-May-96	C51	10700.00		27000.00	8.43		27000.00										
20800 (6)	13-May-96	C51	Field		KKI 012	Field		KGT 010										
20800	27-Jun-96	C51	6700.00		24400.00	7.84		31000.00										
20800 (6)	27-Jun-96	C51	Field		AXXI 002	Field		AXWE 002										
20800	27-Jun-96	C51							990.00									
20800 (6)	27-Jun-96	C51							EXR 002									
20800 (4)	28-Jun-96	C51													39.00	56.00	5.70	2.50
20800 (4,6)	28-Jun-96	C51													AXZJ 004	AXZJ 004	AXZJ 004	AXZJ 004
20800	28-Jun-96	C51		<50.00											55.00	160.00	12.00	8.00
20800 (6)	28-Jun-96	C51		AXXA 002											AXZJ 003	AXZJ 003	AXZJ 003	AXZJ 003
20800 (4)	28-Jun-96	C51																
20800 (4,6)	28-Jun-96	C51																
20800 (4)	28-Jun-96	C51																
20800 (4,6)	28-Jun-96	C51																
20800	25-Jul-96	C52	4100.00			8.70		72000.00										
20800 (6)	25-Jul-96	C52	Field			Field		AZME 002										
20800	30-Jul-96	C52			30200.00													
20800 (6)	30-Jul-96	C52			AYDQ 002													
20800	12-Aug-96	C52	2170.00		32900.00	7.39		48000.00										
20800 (6)	12-Aug-96	C52	Field		AYHE 002	Field		AYSO 002										
20800	04-Sep-96	C52	2000.00	1420.00	49000.00	7.6		<4000.00										

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20800 (6)	04-Sep-96	C52	YYT 011	YYT 011	YYT 011	YYT 011	YYT 011		AZBI 009	YZN 007	YZF 007	YXC 007	YYT 011					AYZL 007
20800	04-Sep-96	C52															<8.00	
20800 (6)	04-Sep-96	C52															EXU 007	
20900	11-Nov-93	F41		<0.10	15.20	<0.50	<5.94			<8.35	<12.10	76.30	<29.40				10000.00	47.00
20900 (6)	11-Nov-93	F41		CCR 004	CCS 004	CCT 004	CCU 004			CCX 003	CCV 003	CCW 004	CCY 004				CDE 003	CDB 005
20900	09-Feb-94	F42		<0.10	3.88	3.24	<5.94			<8.35	<12.10	67.30	<29.40				<4000.00	43.00
20900 (6)	09-Feb-94	F42		CJI 004	CJJ 004	CJK 004	CJL 004			CJM 003	CJD 003	CJE 004	CJN 004				CJQ 003	CJO 005
20900	09-May-94	F43	<1.93	<0.10	9.91	<0.50	9.21	<2.65	<0.70	<5.00	<12.10	83.30	114.00	5.20	14.70	<25.70	6.00	46.00
20900 (6)	09-May-94	F43	CLI 011	CLD 012	CLE 012	CLF 011	CLG 011	CLH 012	CLJ 008	CLN 008	CLK 008	CLM 008	CLO 008	CMA 005	CMA 005	CMB 005	CLU 007	CLS 007
20900	25-Aug-94	F44		<0.10	2.77	7.50	<5.94			<8.35	<12.10	244.00	50.10				10000.00	96.00
20900 (6)	25-Aug-94	F44		DDX 004	DDY 004	DDZ 016	DEA 004			DEB 003	DDS 004	DDT 004	DEC 004				DEF 003	DED 004
20900	08-Nov-94	F45		0.18	<2.18	26.00	<5.94			<8.35	<12.10	77.30	49.10				6800.00	53.40
20900 (6)	08-Nov-94	F45		DNG 006	DNH 004	DNI 003	DNJ 004			DNK 003	DNB 004	DNC 004	DNL 004				DNO 003	DNM 004
20900	01-Feb-95	F46	<1.93	<0.10	<2.18	3.25	<5.94			<8.35	<12.10	32.10	<29.40				<4000.00	53.00
20900 (6)	01-Feb-95	F46	DPA 004	DOV 004	DOW 004	DOX 004	DOZ 004			DPC 004	DOQ 008	DOR 004	DPD 004				DPG 003	DPE 005
20900	02-May-95	F47												8.90	12.30	<15.40		
20900 (6)	02-May-95	F47												DWP 009	DWP 009	DWQ 009		
20900	03-May-95	F47	<1.93	<0.10	<2.18	3.22	16.40	<2.65	<0.70	<8.35	<12.10	96.40	35.10				4000.00	18.00
20900 (6)	03-May-95	F47	DWD 026	DVY 021	DVZ 014	DWA 012	DWC 012	WB 012	DWE 016	DWF 014	DVT 021	DVU 012	DWG 012				DWJ 011	DWH 012
20900	14-Aug-95	F48	<1.93	0.20	<2.18	4.55	R 9.63			<8.35	<12.10	261.00	68.10				8000.00	120.00
20900 (6)	14-Aug-95	F48	ETO 018	ETJ 026	ETK 004	ETL 036	ETN 004			ETQ 003	ETE 013	ETF 004	ETR 006				ETU 003	ETS 003
20900	28-Nov-95	C49	<12.50	<5.00	<15.00	<20.00	<63.10			<8.17	20.00	90.00	<13.00					65.00
20900 (6)	28-Nov-95	C49	IRL 011	IRL 011	IRL 011	IRL 011	IRL 011			IMQ 011	FVX 009	FVY 009	IRL 011					KGH 010
20900	28-Nov-95	C49															8000.00	
20900 (6)	28-Nov-95	C49															EXO 010	
20900	20-Feb-96	C50	<12.50	<5.00	<15.00	<20.00	<5.00			<8.17	<20.00	70.00	<13.00					<50.00
20900 (6)	20-Feb-96	C50	IRO 012	IRO 012	IRO 012	IRO 012	EXU 009			IMR 011	KIO 009	KIP 009	IRO 012					KGK 009
20900	20-Feb-96	C50															<4000.00	
20900 (6)	20-Feb-96	C50															EXQ 006	
20900	27-Jun-96	C51									<500.00							
20900 (6)	27-Jun-96	C51									AXXJ 017							
20900	27-Jun-96	C51															4.90	
20900 (6)	27-Jun-96	C51															EXS 017	
20900	28-Jun-96	C51	<10.00	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		86.40	<20.00	0.13	2.10			52.90
20900 (6)	28-Jun-96	C51	XVZ 021	XVZ 021	XVZ 021	XVZ 021	XVZ 021	XVZ 021		AXWB 023		AXZR 020	XVZ 021	XZZ 020	XZZ 020			AXYR 017
20900	08-Aug-96	C52							<0.20									
20900 (6)	08-Aug-96	C52							AYKI 006									
20900	04-Sep-96	C52	<10.00	<5.00	<10.00	<20.00	<40.00			<10.00	<500.00	300.00	<20.00					84.70

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20800 (6)	04-Sep-96	C52	Field	ZDR 007	AYZP 007	Field		AYYU 007										
20800	04-Sep-96	C52							710.00									
20800 (6)	04-Sep-96	C52							EXT 007									
20900	11-Nov-93	F41	10600.00	200.00	22000	8.25	431.00	10000.00	10.00									
20900 (6)	11-Nov-93	F41	CDI 001	CDF 003	CDC 003	CDH 001	CDJ 001	CCZ 003	CDG 009									
20900	09-Feb-94	F42	2310.00	1.20	26000	7.65	627.00	1000.00	<10.00									
20900 (6)	09-Feb-94	F42	CJV 001	CJR 003	CJG 003	CJU 001	CJW 001	CJF 003	CJS 002									
20900	09-May-94	F43	0.01	<0.05	26900	7.79	348.00	11000.00	<10.00	<16.10	<9.60	0.80	0.20	0.60				
20900 (6)	09-May-94	F43	CME 005	CLX 007	CLR 006	CMD 005	CMF 005	CLP 006	CLV 007	CMB 005	CMB 005	CMC 005	CMC 005	CMC 005				
20900	25-Aug-94	F44	5540.00	350.00	22800	8.65	282.00	36000.00	90.00									
20900 (6)	25-Aug-94	F44	DEJ 001	DEG 003	DDV 004	DEI 001	DEK 001	DDU 003	DEH 002									
20900	08-Nov-94	F45	10200	150	34000.00	8.12	343.00	<1000.00	10.00									
20900 (6)	08-Nov-94	F45	DNT 001	DNP 003	DNE 003	DNS 001	DNU 001	DND 003	DNQ 002									
20900	01-Feb-95	F46	15200	270	38100.00	6.31	608.00	1000.00	<10.00									
20900 (6)	01-Feb-95	F46	DPL 001	DPH 003	DOT 007	DPK 001	DPM 001	DOS 003	DPI 002									
20900	02-May-95	F47								<15.40	<8.90							
20900 (6)	02-May-95	F47								DWQ 009	DWQ 009							
20900	03-May-95	F47	10700	120000	25200.00	7.25	375.00	20000.00	20.00			0.50	<0.60	<0.40				
20900 (6)	03-May-95	F47	DWT 009	DWK 011	DVW 018	DWS 009	DWU 009	VVA 002	WM 002			DWR 009	DWR 009	DWR 009				
20900	14-Aug-95	F48	5230	60000	16.40	7.18	283.00	90000.00	>3000.00									
20900 (6)	14-Aug-95	F48	ETZ 001	ETV 003	ETH 009	ETY 001	EUA 001	ETG 003	ETW 002									
20900	28-Nov-95	C49	15460.00	300.00	26000.00	7.40		<10000.00										
20900 (6)	28-Nov-95	C49	Field	KIG 011	FVZ 009	Field		KGI 007										
20900	28-Nov-95	C49							10.00									
20900 (6)	28-Nov-95	C49							EXN 011									
20900	20-Feb-96	C50	1000.00	2200.00	43600.00	7.03		<10000.00										
20900 (6)	20-Feb-96	C50	Field	KIR 009	KIQ 009	Field		KGJ 008										
20900	20-Feb-96	C50							1.00									
20900 (6)	20-Feb-96	C50							EXP 007									
20900	27-Jun-96	C51	7500.00		23000.00	8.13		20000.00										
20900 (6)	27-Jun-96	C51	Field		AXXI 017	Field		AXWE 017										
20900	27-Jun-96	C51							180.00									
20900 (6)	27-Jun-96	C51							EXR 017									
20900	28-Jun-96	C51		<50.00											60.00	43.00	11.00	7.30
20900 (6)	28-Jun-96	C51		AXXA 017											AXZJ 020	AXZJ 020	AXZJ 020	AXZJ 020
20900	08-Aug-96	C52																
20900 (6)	08-Aug-96	C52																
20900	04-Sep-96	C52	7600.00	888.00	31300.00	8.2		33000.00										

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
20900 (6)	04-Sep-96	C52	YYT 012	YYT 012	YYT 012	YYT 012	YYT 012			AYZN 008	YZF 008	YXC 008	YYT 012					AYZL 008
20900	04-Sep-96	C52															<8.00	
20900 (6)	04-Sep-96	C52															EXU 008	
21000	11-Nov-93	F41		<0.10	<2.18	<0.50	<5.94			<8.35	<12.10	78.30	<29.40				6000.00	39.00
21000 (6)	11-Nov-93	F41		CCR 006	CCS 006	CCT 006	CCU 006			CCX 005	CCV 005	CCW 006	CCY 006				CDE 005	CDB 007
21000	09-Feb-94	F42		0.10	<2.18	3.47	<5.94			<8.35	<12.10	6.73	<29.40				<4000.00	43.00
21000 (6)	09-Feb-94	F42		CJI 006	CJJ 006	CJK 006	CJL 006			CJM 005	CJD 005	CJE 006	CJN 006				CJQ 005	CJO 007
21000	09-May-94	F43	<1.93	<0.10	<2.18	1.39	<5.94	<2.65	<0.70	<5.00	15.20	68.30	<29.40	4.90	23.20	<15.10	7.00	44.00
21000 (6)	09-May-94	F43	CLI 009	CLD 010	CLE 010	CLF 009	CLG 009	CLH 010	CLJ 006	CLN 005	CLK 005	CLM 006	CLO 006	CMA 003	CMA 003	CMB 003	CLU 005	CLS 005
21000	25-Aug-94	F44		<0.10	2.70	10.80	<5.94			<8.35	<12.10	217.00	53.10				14000.00	71.00
21000 (6)	25-Aug-94	F44		DDX 006	DDY 006	DDZ 018	DEA 006			DEB 005	DDS 006	DDT 006	DEC 006				DEF 005	DED 006
21000	08-Nov-94	F45		<0.10	<2.18	8.64	<5.94			<8.35	<12.10	77.30	45.10				4900.00	51.80
21000 (6)	08-Nov-94	F45		DNG 008	DNH 006	DNI 005	DNJ 006			DNK 005	DNB 006	DNC 006	DNL 006				DNO 005	DNM 006
21000	01-Feb-95	F46	<1.93	<0.10	<2.18	3.70	<5.94			<8.35	<12.10	42.20	<29.40				<4000.00	50.00
21000 (6)	01-Feb-95	F46	DPA 006	DOV 006	DOW 006	DOX 006	DOZ 006			DPC 006	DOQ 017	DOR 006	DPD 006				DPG 005	DPE 007
21000	02-May-95	F47												<4.40	<3.90	<8.20		
21000 (6)	02-May-95	F47												DWP 014	DWP 014	DWQ 014		
21000	03-May-95	F47	<1.93	0.14	<2.18	7.31	<5.94	<2.65	<0.70	<8.35	<12.10	100.00	68.10				5000.00	60.00
21000 (6)	03-May-95	F47	DWD 031	DVY 026	DVZ 019	DWA 017	DWC 017	WB 017	DWE 021	DWF 021	DVT 028	DVU 017	DWG 017				DWJ 016	DWH 017
21000	14-Aug-95	F48	7.43	<0.10	<2.18	3.96	R<5.94			<8.35	<12.10	201.00	42.10				6000.00	76.00
21000 (6)	14-Aug-95	F48	ETO 020	ETJ 083	ETK 006	ETL 040	ETN 006			ETQ 005	ETE 015	ETF 006	ETR 009				ETU 005	ETS 005
21000	28-Nov-95	C49	<12.50	<5.00	<15.00	<20.00	<63.10			<8.17	20.00	90.00	<13.00					54.00
21000 (6)	28-Nov-95	C49	IRL 012	IRL 012	IRL 012	IRL 012	IRL 012			IMQ 012	FVX 010	FVY 010	IRL 012					KGH 011
21000 (4)	28-Nov-95	C49									20.00							
21000 (4,6)	28-Nov-95	C49									FVX 011							
21000	28-Nov-95	C49															8000.00	
21000 (6)	28-Nov-95	C49															EXO 011	
21000 (5)	20-Feb-96	C50	<12.50	<5.00	<15.00	<20.00	<5.00			<8.17	<20.00	70.00	<13.00					<50.00
21000 (6)	20-Feb-96	C50	IRO 013	IRO 013	IRO 013	IRO 013	EXU 010			IMR 012	KIO 010	KIP 010	IRO 013					KGK 010
21000 (5)	20-Feb-96	C50															<4000.00	
21000 (6)	20-Feb-96	C50															EXQ 007	
21000	27-Jun-96	C51									<500.00							
21000 (6)	27-Jun-96	C51									AXXJ 016							
21000	27-Jun-96	C51															4.80	
21000 (6)	27-Jun-96	C51															EXS 016	
21000	28-Jun-96	C51	<10.00	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		101.00	<20.00	0.33	2.80			52.90
21000 (6)	28-Jun-96	C51	XVZ 020	XVZ 020	XVZ 020	XVZ 020	XVZ 020	XVZ 020		AXWB 022		AXZR 019	XVZ 020	XZZ 019	XZZ 019			AXYR 016
21000	08-Aug-96	C52							<0.20									

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
20900 (6)	04-Sep-96	C52	Field	ZDR 008	AYZP 008	Field		AYYU 008										
20900	04-Sep-96	C52							1000.00									
20900 (6)	04-Sep-96	C52							EXT 008									
21000	11-Nov-93	F41	8700.00	210.00	28000	8.64	450.00	12000.00	10.00									
21000 (6)	11-Nov-93	F41	CDI 003	CDF 005	CDC 005	CDH 003	CDJ 003	CCZ 005	CDG 010									
21000	09-Feb-94	F42	2300.00	0.97	31000	7.65	763.00	6000.00	<10.00									
21000 (6)	09-Feb-94	F42	CJV 003	CJR 005	CJG 005	CJU 003	CJW 003	CJF 005	CJS 004									
21000	09-May-94	F43	0.01	<0.05	23400	7.61	354.00	9000.00	<10.00	<5.70	<9.40	0.40	<0.20	0.30				
21000 (6)	09-May-94	F43	CME 003	CLX 005	CLR 005	CMD 003	CMF 003	CLP 004	CLV 005	CMB 003	CMB 003	CMC 003	CMC 003	CMC 003				
21000	25-Aug-94	F44	3740.00	480.00	32800	7.80	332.00	27000.00	310.00									
21000 (6)	25-Aug-94	F44	DEJ 003	DEG 005	DDV 006	DEI 003	DEK 003	DDU 005	DEH 004									
21000	08-Nov-94	F45	12400	90	47000.00	8.12	339.00	11000.00	20.00									
21000 (6)	08-Nov-94	F45	DNT 003	DNP 005	DNE 005	DNS 003	DNU 003	DND 005	DNQ 005									
21000	01-Feb-95	F46	12200	230	56700.00	6.86	529.00	2000.00	20.00									
21000 (6)	01-Feb-95	F46	DPL 003	DPH 005	DOT 013	DPK 003	DPM 003	DOS 005	DPI 004									
21000	02-May-95	F47								<5.10	<8.20							
21000 (6)	02-May-95	F47								DWQ 014	DWQ 014							
21000	03-May-95	F47	10600	60000	26900.00	8.24	371.00	22000.00	<10.00			0.50	0.40	<0.60				
21000 (6)	03-May-95	F47	DWT 014	DWK 016	DVW 031	DWS 014	DWU 014	VVA 007	WM 007			DWR 014	DWR 014	DWR 014				
21000	14-Aug-95	F48	6060	<50000.00	17.20	7.55	291.00	49000.00	640.00									
21000 (6)	14-Aug-95	F48	ETZ 003	ETV 005	ETH 015	ETY 003	EUA 003	ETG 005	ETW 004									
21000	28-Nov-95	C49	15160.00	300.00	28000.00	8.50		<10000.00										
21000 (6)	28-Nov-95	C49	Field	KIG 012	FVZ 010	Field		AKL 006										
21000 (4)	28-Nov-95	C49																
21000 (4,6)	28-Nov-95	C49																
21000	28-Nov-95	C49							<10.00									
21000 (6)	28-Nov-95	C49							EXN 012									
21000 (5)	20-Feb-96	C50	12700.00	2100.00	66900.00	6.87		<10000.00										
21000 (6)	20-Feb-96	C50	Field	KIR 010	KIQ 010	Field		KGJ 009										
21000 (5)	20-Feb-96	C50							16.00									
21000 (6)	20-Feb-96	C50							EXP 008									
21000	27-Jun-96	C51	6700.00		24900.00	7.77		41000.00										
21000 (6)	27-Jun-96	C51	Field		AXXI 016	Field		AXWE 016										
21000	27-Jun-96	C51							1600.00									
21000 (6)	27-Jun-96	C51							EXR 016									
21000	28-Jun-96	C51		<50.00											57.00	210.00	7.20	<6.80
21000 (6)	28-Jun-96	C51		AXXA 016											AXZJ 019	AXZJ 019	AXZJ 019	AXZJ 019
21000	08-Aug-96	C52																

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
21000 (6)	08-Aug-96	C52							AYKI 003									
21000 (5)	04-Sep-96	C52	<10.00	<5.00	<10.00	<20.00	<40.00			<10.00	<500.00	162.00	<20.00					52.90
21000 (6)	04-Sep-96	C52	YYT 013	YYT 013	YYT 013	YYT 013	YYT 013			AYZN 009	YZF 009	YXC 009	YYT 013					AYZL 009
21000 (5)	04-Sep-96	C52															<8.00	
21000 (6)	04-Sep-96	C52															EXU 009	
21100	11-Nov-93	F41		<0.10	<2.18	2.51	<5.94			<8.35	<12.10	15.10	<29.40				<4000.00	23.00
21100 (6)	11-Nov-93	F41		CCR 011	CCS 011	CCT 011	CCU 011			CCX 011	CCV 011	CCW 011	CCY 011				CDE 010	CDB 012
21100	09-Feb-94	F42																
21100 (6)	09-Feb-94	F42																
21100	10-Feb-94	F42		0.58	<2.18	8.22	<5.94			<8.35	<12.10	540.00	100.00				4000.00	46.00
21100 (6)	10-Feb-94	F42		CJI 011	CJJ 011	CJK 011	CJL 010			CJM 011	CJD 011	CJE 011	CJN 011				CJQ 010	CJO 012
21100	12-May-94	F43	<1.93	<0.10	<2.18	<0.50	<5.94	<2.65	<0.70	<5.00	33.90	19.10	37.10	<3.50	7.40	<18.90	<4.00	30.00
21100 (6)	12-May-94	F43	CLI 017	CLD 018	CLE 018	CLF 017	CLG 017	CLH 018	CLJ 014	CLN 015	CLL 009	CLM 014	CLO 014	CMA 011	CMA 011	CMB 011	CMG 008	CLS 013
21100	25-Aug-94	F44		<0.10	2.86	9.90	<5.94			<8.35	<12.10	43.10	62.10				7000.00	26.00
21100 (6)	25-Aug-94	F44		DDX 011	DDY 011	DDZ 023	DEA 011			DEB 012	DDS 011	DDT 011	DEC 011				DEF 010	DED 011
21100	08-Nov-94	F45																
21100 (6)	08-Nov-94	F45																
21100	09-Nov-94	F45		<0.10	<2.18	30.00	<5.94			<8.35	<12.10	15.50	47.10				<4000.00	24.70
21100 (6)	09-Nov-94	F45		DNG 013	DNH 011	DNI 010	DNJ 011			DNK 011	DNB 011	DNC 011	DNL 011				DNO 010	DNM 011
21100	02-May-95	F47	<1.93	<0.10	<2.18	5.31	<5.94	<2.65	<0.70	<8.35	<12.10	5.02	34.10	5.90	11.60	<6.00	<4000.00	30.00
21100 (6)	02-May-95	F47	DWD 022	DVY 017	DVZ 010	DWA 008	DWC 008	WB 008	DWE 010	DWF 009	DVS 015	DVU 008	DWG 008	DWP 005	DWP 005	DWQ 005	DWJ 007	DWH 008
21100	14-Aug-95	F48	<1.93	<0.10	<2.18	1.29	R 9.52			<8.35	<12.10	58.20	49.10				<4000.00	21.00
21100 (6)	14-Aug-95	F48	ETO 024	ETJ 042	ETK 011	ETL 059	ETN 013			ETQ 011	ETE 020	ETF 011	ETR 016				ETU 010	ETS 010
21100	28-Nov-95	C49	<12.50	<5.00	<15.00	<20.00	<63.10			<8.17	<20.00	<50.00	<13.00					<50.00
21100 (6)	28-Nov-95	C49	IRL 013	IRL 013	IRL 013	IRL 013	IRL 013			IMQ 013	FVX 012	FVY 011	IRL 013					KGH 012
21100	28-Nov-95	C49															4000.00	
21100 (6)	28-Nov-95	C49															EXO 012	
21100	27-Jun-96	C51									<500.00							
21100 (6)	27-Jun-96	C51									AXXJ 009							
21100	27-Jun-96	C51															<4.00	
21100 (6)	27-Jun-96	C51															EXS 009	
21100	28-Jun-96	C51	<10.00	5.32	<10.00	<20.00	<40.00	<100.00		<5.00		64.80	<20.00	<0.19	<0.43			44.40
21100 (6)	28-Jun-96	C51	XVZ 013	XVZ 013	XVZ 013	XVZ 013	XVZ 013	XVZ 013		AXWB 015		AXZR 012	XVZ 013	XZZ 011	XZZ 011			AXYR 009
21100	08-Aug-96	C52							<0.20									
21100 (6)	08-Aug-96	C52							AYKI 007									
21200	12-May-94	F43	<1.93	0.10	<2.18	1.78	<5.94	<2.65	<0.70	<5.00	56.10	120.00	49.10	<2.30	<4.60	<15.50	<4.00	41.00
21200 (6)	12-May-94	F43	CLI 015	CLD 016	CLE 016	CLF 015	CLG 015	CLH 016	CLJ 012	CLN 012	CLL 006	CLM 012	CLO 012	CMA 009	CMA 009	CMB 009	CMG 006	CLS 011

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
21000 (6)	08-Aug-96	C52																
21000 (5)	04-Sep-96	C52	6450.00	1220.00	55700.00	7.8		10000.00										
21000 (6)	04-Sep-96	C52	Field	ZDR 009	AYZP 009	Field		AYYU 009										
21000 (5)	04-Sep-96	C52							1100.00									
21000 (6)	04-Sep-96	C52							EXT 009									
21100	11-Nov-93	F41	6600.00	210.00	45000	8.20	805.00	1000.00	10.00									
21100 (6)	11-Nov-93	F41	CDI 008	CDF 010	CDC 011	CDH 008	CDJ 008	CCZ 010	CDG 011									
21100	09-Feb-94	F42	1170.00			7.91	638.00											
21100 (6)	09-Feb-94	F42	CJV 008			CJU 008	CJW 008											
21100	10-Feb-94	F42		0.56	21000			46000.00	<10.00									
21100 (6)	10-Feb-94	F42		CJR 010	CJG 011			CJF 010	CJT 004									
21100	12-May-94	F43	0.01	0.18	45900	7.40	662.00	3000.00	<10.00	<13.10	<5.80	0.40	<0.20	<0.20				
21100 (6)	12-May-94	F43	CME 012	CLX 013	CLR 012	CMD 012	CMF 012	CLP 013	CLW 007	CMB 011	CMB 011	CMC 011	CMC 011	CMC 011				
21100	25-Aug-94	F44	7040.00	220.00	67600	7.66	545.00	<1000.00	280.00									
21100 (6)	25-Aug-94	F44	DEJ 008	DEG 010	DDV 011	DEI 008	DEK 008	DDU 010	DEH 009									
21100	08-Nov-94	F45				7.33												
21100 (6)	08-Nov-94	F45				DNS 008												
21100	09-Nov-94	F45	3900	70	92000.00		549.00	<1000.00	<10.00									
21100 (6)	09-Nov-94	F45	DNT 008	DNP 010	DNE 012		DNU 008	DND 010	DNR 004									
21100	02-May-95	F47	12000	80000	53800.00	7.74	881.00	<1000.00	<10.00	<6.00	<4.60	1.20	0.30	1.10				
21100 (6)	02-May-95	F47	DWT 005	DWK 007	DVW 010	DWS 005	DWU 005	DVV 007	DWL 006	DWQ 005	DWQ 005	DWR 005	DWR 005	DWR 005				
21100	14-Aug-95	F48	5360	<50000.00	26.40	7.48	520.00	7000.00	75.00									
21100 (6)	14-Aug-95	F48	ETZ 008	ETV 010	ETH 020	ETY 008	EUA 008	ETG 010	ETW 009									
21100	28-Nov-95	C49	5860.00	300.00	95000.00	7.40		<10000.00										
21100 (6)	28-Nov-95	C49	Field	KIG 013	FVZ 011	Field		AKL 007										
21100	28-Nov-95	C49							30.00									
21100 (6)	28-Nov-95	C49							EXN 013									
21100	27-Jun-96	C51	3800.00		27800.00	7.48		<4000.00										
21100 (6)	27-Jun-96	C51	Field		AXXI 009	Field		AXWE 009										
21100	27-Jun-96	C51							20.00									
21100 (6)	27-Jun-96	C51							EXR 009									
21100	28-Jun-96	C51		<50.00											260.00	16.00	15.00	5.90
21100 (6)	28-Jun-96	C51		AXXA 009											AXZJ 012	AXZJ 012	AXZJ 012	AXZJ 012
21100	08-Aug-96	C52																
21100 (6)	08-Aug-96	C52																
21200	12-May-94	F43	0.01	0.08	24800	7.65	302.00	7000.00	80.00	<7.10	<8.40	0.20	0.20	0.20				
21200 (6)	12-May-94	F43	CME 009	CLX 011	CLR 010	CMD 009	CMF 009	CLP 011	CLW 005	CMB 009	CMB 009	CMC 009	CMC 009	CMC 009				

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
21200	01-Feb-95	F46						<2.65										
21200 (6)	01-Feb-95	F46						DOY 006										
21200	06-Feb-95	F46				10.30												
21200 (6)	06-Feb-95	F46				DOX 014												
21200	02-May-95	F47	28.00	<0.10	<2.18	13.70	<5.94	<2.65	<0.70	<8.35	<12.10	67.30	58.10	10.30	17.90	<7.80	<4000.00	54.00
21200 (6)	02-May-95	F47	DWD 023	DVY 018	DVZ 011	DWA 009	DWC 009	WB 009	DWE 011	DWF 011	DVS 016	DVU 009	DWG 009	DWP 006	DWP 006	DWQ 006	DWJ 008	DWH 009
21200	14-Aug-95	F48						<2.65										
21200 (6)	14-Aug-95	F48						ETM 021										
21200	15-Aug-95	F48				17.80												
21200 (6)	15-Aug-95	F48				ETL 069												
21200	28-Nov-95	C49				<20.00		<100.00										
21200 (6)	28-Nov-95	C49				IRL 016		IRL 016										
21200	27-Jun-96	C51									<500.00							
21200 (6)	27-Jun-96	C51									AXXJ 012							
21200	27-Jun-96	C51															<4.00	
21200 (6)	27-Jun-96	C51															EXS 012	
21200	28-Jun-96	C51	13.90	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		69.90	<20.00	0.54	1.90			31.60
21200 (6)	28-Jun-96	C51	XVZ 016	XVZ 016	XVZ 016	XVZ 016	XVZ 016	XVZ 016		AXWB 018		AXZR 015	XVZ 016	XZZ 014	XZZ 014			AXYR 012
21200 (4)	28-Jun-96	C51												0.71	2.00			
21200 (4,6)	28-Jun-96	C51												AXZZ 015	XZZ 015			
21200	08-Aug-96	C52							<0.20									
21200 (6)	08-Aug-96	C52							AYKI 008									
21300	12-May-94	F43	<1.93	0.19	<2.18	3.17	<5.94	<2.65	<0.70	<5.00	71.60	131.00	50.10	4.70	<7.60	<9.00	<4.00	46.00
21300 (6)	12-May-94	F43	CLI 013	CLD 014	CLE 014	CLF 013	CLG 013	CLH 014	CLJ 010	CLN 010	CLL 004	CLM 010	CLO 010	CMA 007	CMA 007	CMB 007	CMG 004	CLS 009
21300	02-May-95	F47	19.70	<0.10	<2.18	6.33	6.17	<2.65	<0.70	<8.35	<12.10	34.10	53.10	10.80	15.30	<15.60	<4000.00	36.00
21300 (6)	02-May-95	F47	DWD 024	DVY 019	DVZ 012	DWA 010	DWC 010	WB 010	DWE 012	DWF 012	DVS 017	DVU 010	DWG 010	DWP 007	DWP 007	DWQ 007	DWJ 009	DWH 010
21300	15-Aug-95	F48				7.13		7.24										
21300 (6)	15-Aug-95	F48				ETL 071		ETM 023										
21300	28-Nov-95	C49				<20.00		<100.00										
21300 (6)	28-Nov-95	C49				IRL 017		IRL 017										
21300	27-Jun-96	C51									<500.00							
21300 (6)	27-Jun-96	C51									AXXJ 013							
21300	27-Jun-96	C51															<4.00	
21300 (6)	27-Jun-96	C51															EXS 013	
21300	28-Jun-96	C51	<10.00	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		155.00	<20.00	0.47	0.80			42.30
21300 (6)	28-Jun-96	C51	XVZ 017	XVZ 017	XVZ 017	XVZ 017	XVZ 017	XVZ 017		AXWB 019		AXZR 016	XVZ 017	XZZ 016	XZZ 016			AXYR 013
21300	08-Aug-96	C52							<0.20									
21300 (6)	08-Aug-96	C52							AYKI 009									

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
21200	01-Feb-95	F46					712.00											
21200 (6)	01-Feb-95	F46					DPM 010											
21200	06-Feb-95	F46				6.18												
21200 (6)	06-Feb-95	F46				DPK 010												
21200	02-May-95	F47	12500	130000	105000.00	7.71	734.00	5000.00	<10.00	<5.50	<7.80	0.60	<0.30	<0.30				
21200 (6)	02-May-95	F47	DWT 006	DWK 008	DVW 012	DWS 006	DWU 006	DVV 008	DWL 007	DWQ 006	DWQ 006	DWR 006	DWR 006	DWR 006				
21200	14-Aug-95	F48																
21200 (6)	14-Aug-95	F48																
21200	15-Aug-95	F48																
21200 (6)	15-Aug-95	F48																
21200	28-Nov-95	C49	3150.00			7.40												
21200 (6)	28-Nov-95	C49	Field			Field												
21200	27-Jun-96	C51	6500.00		23400.00	7.35		<4000.00										
21200 (6)	27-Jun-96	C51	Field		AXXI 012	Field		AXWE 012										
21200	27-Jun-96	C51							40.00									
21200 (6)	27-Jun-96	C51							EXR 012									
21200	28-Jun-96	C51		<50.00											36.00	200.00	8.20	14.00
21200 (6)	28-Jun-96	C51		AXXA 012											AXZJ 015	AXZJ 015	AXZJ 015	AXZJ 015
21200 (4)	28-Jun-96	C51																
21200 (4,6)	28-Jun-96	C51																
21200	08-Aug-96	C52																
21200 (6)	08-Aug-96	C52																
21300	12-May-94	F43	0.002	0.18	322000	6.55	910.00	8000.00	1400.00	<4.40	<4.60	0.30	0.10	<0.30				
21300 (6)	12-May-94	F43	CME 007	CLX 009	CLR 018	CMD 007	CMF 007	CLP 009	CLW 003	CMB 007	CMB 007	CMC 007	CMC 007	CMC 007				
21300	02-May-95	F47	12800	140000	420000.00	7.60	1560.00	<1000.00	<10.00	<15.60	<5.00	1.10	<0.50	<0.50				
21300 (6)	02-May-95	F47	DWT 007	DWK 009	DVW 014	DWS 007	DWU 007	DVV 009	DWL 008	DWQ 007	DWQ 007	DWR 007	DWR 007	DWR 007				
21300	15-Aug-95	F48																
21300 (6)	15-Aug-95	F48																
21300	28-Nov-95	C49	14370.00			7.30												
21300 (6)	28-Nov-95	C49	Field			Field												
21300	27-Jun-96	C51	400.00		161000.00	6.60		<4000.00										
21300 (6)	27-Jun-96	C51	Field		AXXI 013	Field		AXWE 013										
21300	27-Jun-96	C51							750.00									
21300 (6)	27-Jun-96	C51							EXR 013									
21300	28-Jun-96	C51		<50.00											51.00	190.00	12.00	15.00
21300 (6)	28-Jun-96	C51		AXXA 013											AXZJ 016	AXZJ 016	AXZJ 016	AXZJ 016
21300	08-Aug-96	C52																
21300 (6)	08-Aug-96	C52																

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
21300	04-Sep-96	C52				<20.00		<100.00										
21300 (6)	04-Sep-96	C52				AYYT 016		AYYT 016										
21400	12-May-94	F43	<1.93	0.10	<2.18	2.08	<5.94	<2.65	<0.70	<5.00	77.90	21.10	55.10	2.50	<4.00	<16.60	<4.00	40.00
21400 (6)	12-May-94	F43	CLI 014	CLD 015	CLE 015	CLF 014	CLG 014	CLH 015	CLJ 011	CLN 011	CLL 005	CLM 011	CLO 011	CMA 008	CMA 008	CMB 008	CMG 005	CLS 010
21400	02-May-95	F47	<1.93	<0.10	<2.18	9.64	<5.94	<2.65	<0.70	<8.35	<12.10	98.40	46.10	8.40	10.60	<12.70	<4000.00	31.00
21400 (6)	02-May-95	F47	DWD 025	DVY 020	DVZ 013	DWA 011	DWC 011	WB 011	DWE 015	DWF 013	DVS 018	DVU 011	DWG 011	DWP 008	DWP 008	DWQ 008	DWJ 010	DWH 011
21400	15-Aug-95	F48				10.90		6.63										
21400 (6)	15-Aug-95	F48				ETL 073		ETM 025										
21400	29-Nov-95	C49				<20.00		<100.00										
21400 (6)	29-Nov-95	C49				IRL 018		IRL 018										
21400	27-Jun-96	C51									<500.00							
21400 (6)	27-Jun-96	C51									AXXJ 014							
21400	27-Jun-96	C51															<4.00	
21400 (6)	27-Jun-96	C51															EXS 014	
21400	28-Jun-96	C51	11.90	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		348.00	<20.00	2.80	1.40			52.90
21400 (6)	28-Jun-96	C51	XVZ 018	XVZ 018	XVZ 018	XVZ 018	XVZ 018	XVZ 018		AXWB 020		AXZR 017	XVZ 018	XZZ 017	XZZ 017			AXYR 014
21400	08-Aug-96	C52							<0.20									
21400 (6)	08-Aug-96	C52							AYKI 010									
21400	04-Sep-96	C52				<20.00		<100.00										
21400 (6)	04-Sep-96	C52				AYYT 017		AYYT 017										
21600	12-May-94	F43	<1.93	0.19	<2.18	1.68	<5.94	<2.65	<0.70	<5.00	37.70	120.00	40.10	2.10	<3.30	<10.20	<4.00	19.00
21600 (6)	12-May-94	F43	CLI 018	CLD 019	CLE 019	CLF 018	CLG 018	CLH 019	CLJ 015	CLN 016	CLL 010	CLM 015	CLO 015	CMA 012	CMA 012	CMB 012	CMG 009	CLS 014
21600	02-May-95	F47												6.50	10.50	9.40		
21600 (6)	02-May-95	F47												DWP 010	DWP 010	DWQ 010		
21600	03-May-95	F47	<1.93	<0.10	<2.18	5.16	<5.94	<2.65	<0.70	<8.35	<12.10	<5.00	39.10				<4000.00	33.00
21600 (6)	03-May-95	F47	DWD 027	DVY 022	DVZ 015	DWA 013	DWC 013	WB 013	DWE 017	DWF 016	DVT 022	DVU 013	DWG 013				DWJ 012	DWH 013
21600	14-Aug-95	F48	<1.93		2.75													
21600 (6)	14-Aug-95	F48	ETO 028		ETK 015													
21600	15-Aug-95	F48				4.85		3.27										
21600 (6)	15-Aug-95	F48				ETL 077		ETM 027										
21600	29-Nov-95	C49	<12.50		<15.00	<20.00		<100.00					38.70					
21600 (6)	29-Nov-95	C49	IRL 019		IRL 019	IRL 019		IRL 019					IRL 019					
21600	27-Jun-96	C51									<500.00							
21600 (6)	27-Jun-96	C51									AXXJ 015							
21600	27-Jun-96	C51															<4.00	
21600 (6)	27-Jun-96	C51															EXS 015	
21600	28-Jun-96	C51	12.80	<5.00	<10.00	<20.00	<40.00	<100.00		<5.00		116.00	<20.00	0.61	2.10			31.60

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
21300	04-Sep-96	C52	890.00			7.2												
21300 (6)	04-Sep-96	C52	Field			Field												
21400	12-May-94	F43	0.005	0.09	62000	7.11	447.00	23000.00	70.00	<12.00	<4.60	0.40	<0.20	<0.40				
21400 (6)	12-May-94	F43	CME 008	CLX 010	CLR 009	CMD 008	CMF 008	CLP 010	CLW 004	CMB 008	CMB 008	CMC 008	CMC 008	CMC 008				
21400	02-May-95	F47	7160	140000	78800.00	7.33	621.00	10000.00	10.00	<12.70	<3.40	1.10	<0.50	<0.50				
21400 (6)	02-May-95	F47	DWT 008	DWK 010	DVW 016	DWS 008	DWU 008	DVV 010	DWL 009	DWQ 008	DWQ 008	DWR 008	DWR 008	DWR 008				
21400	15-Aug-95	F48																
21400 (6)	15-Aug-95	F48																
21400	29-Nov-95	C49	970.00			7.20												
21400 (6)	29-Nov-95	C49	Field			Field												
21400	27-Jun-96	C51	100.00		47700.00	6.63		9000.00										
21400 (6)	27-Jun-96	C51	Field		AXXI 014	Field		AXWE 014										
21400	27-Jun-96	C51							70.00									
21400 (6)	27-Jun-96	C51							EXR 014									
21400	28-Jun-96	C51		127.00											20.00	11.00	2.80	<16.00
21400 (6)	28-Jun-96	C51		AXXA 014											AXZJ 017	AXZJ 017	AXZJ 017	AXZJ 017
21400	08-Aug-96	C52																
21400 (6)	08-Aug-96	C52																
21400	04-Sep-96	C52	640.00			8.1												
21400 (6)	04-Sep-96	C52	Field			Field												
21600	12-May-94	F43	0.01	0.12	36200	7.60	222.00	23000.00	20.00	<4.40	<5.80	0.50	<0.20	<0.40				
21600 (6)	12-May-94	F43	CME 011	CLX 014	CLR 013	CMD 011	CMF 011	CLP 014	CLW 008	CMB 012	CMB 012	CMC 012	CMC 012	CMC 012				
21600	02-May-95	F47								9.40	<7.30							
21600 (6)	02-May-95	F47								DWQ 010	DWQ 010							
21600	03-May-95	F47	7380	100000	112000.00	7.22	576.00	4000.00	30.00			1.00	<0.60	<0.50				
21600 (6)	03-May-95	F47	DWT 010	DWK 012	DVW 020	DWS 010	DWU 010	VVA 003	WM 003			DWR 010	DWR 010	DWR 010				
21600	14-Aug-95	F48																
21600 (6)	14-Aug-95	F48																
21600	15-Aug-95	F48																
21600 (6)	15-Aug-95	F48																
21600	29-Nov-95	C49	12870.00			7.10												
21600 (6)	29-Nov-95	C49	Field			Field												
21600	27-Jun-96	C51	5100.00		52300.00	6.75		<4000.00										
21600 (6)	27-Jun-96	C51	Field		AXXI 015	Field		AXWE 015										
21600	27-Jun-96	C51							520.00									
21600 (6)	27-Jun-96	C51							EXR 015									
21600	28-Jun-96	C51		<50.00											19.00	35.00	6.00	10.00

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Silver AG (ug/l)	Cadmium CD (ug/l)	Chromium CR (ug/l)	Copper CU (ug/l)	Nickel NI (ug/l)	Lead PB (ug/l)	Mercury HG (ug/l)	Cyanide CYN (ug/l)	Ortho Phosphates PO4ORT (ug/l)	Total Phosphates TPO4 (ug/l)	Zinc ZN (ug/l)	Gross Alpha Radiation ALPHAG (pC/l)	Gross Beta Radiation BETAG (pC/l)	Gross Gamma Radiation GAMAG (pC/l)	Biological Oxygen Demand BOD (ug/l)	Chemical Oxygen Demand COD (mg/l)
TCAAP SW Action Criteria (3)					11.00		13.40		0.14	5.20			47.00					
21600 (6)	28-Jun-96	C51	XVZ 019	XVZ 019	XVZ 019	XVZ 019	XVZ 019	XVZ 019		AXWB 021		AXZR 018	XVZ 019	XZZ 018	XZZ 018			AXYR 015
21600	08-Aug-96	C52							<0.20									
21600 (6)	08-Aug-96	C52							AYKI 011									
21600	04-Sep-96	C52	<10.00		<10.00	<20.00		<100.00					<20.00					
21600 (6)	04-Sep-96	C52	YYT 018		AYYT 018	YYT 018		AYYT 018					AYYT 018					

TABLE II - 7
Surface Water Quality Data (Inorganics)

Location (1)	Date	Qtr (2)	Dissolved Oxygen DO (ug/l)	Ammonia NH3 (ug/l)	Chloride CL (ug/l)	Lab pH	Conductivity COND (umho)	Total Suspended Solids TSS (ug/l)	Coliform COLI (/100ml)	Cobalt CO60 (pC/l)	Cesium CS137 (pC/l)	Uranium U234 (pC/l)	Uranium U235 (pC/l)	Uranium U238 (pC/l)	Potassium K40 (pC/l)	Lead PB210 (pC/l)	Radium RA226 (pC/l)	Radium RA228 (pC/l)
TCAAP SW Action Criteria (3)																		
21600 (6)	28-Jun-96	C51		AXXA 015														
21600	08-Aug-96	C52													AXZJ 018	AXZJ 018	AXZJ 018	AXZJ 018
21600 (6)	08-Aug-96	C52																
21600	04-Sep-96	C52	7600.00			9.4												
21600 (6)	04-Sep-96	C52	Field			Field												

Table II-8

Municipal/Private Well Groundwater Pumping Data

Notes:

NA = Data Not Available
NC = Well Not Yet Constructed
PT = Water Appropriation Permit Terminated, No Water Being Pumped

TABLE II-8
Municipal/Private Well Groundwater Pumping Data

MN Unique Well No.	Permit No.	Applicant	Township	Range	Section	Quarter Sections	Permitted Appropriation (MMGal/yr)	Permitted Pumping Rate (GPM)	Pumping Volume 1993 (MMGal)	Pumping Volume 1994 (MMGal)	Pumping Volume 1995 (MMGal)	Pumping Volume 1996 (MMGal)
HIGH CAPACITY WELLS												
200814	690434	AMERICAN LINEN SUPPLY CO	29	23	18	DABC	156.0	850.0	109.900	NA	NA	NA
234407	876124	ARDEN MANOR MBLE PK	30	23	12	CDC	26.0	400.0	NA	NA	16.400	NA
236512	766021	DARLING INTERNATIONAL, INC.	30	23	20	DDB	20.0	100.0	0.800	NA	1.159	NA
234547	756231	HONEYWELL INC	29	23	18	BB	565.0	2000.0	147.700	NA	195.669	NA
234546	756231	HONEYWELL INC	29	23	18	BB	565.0	2000.0	377.300	NA	420.857	NA
NA	756255	MENGELKOCH COMPANY (#1)	30	23	21	CACD	18.0	100.0	0.400	NA	0.000	NA
231878	756255	MENGELKOCH COMPANY (#2)	30	23	21	CACD	18.0	60.0	1.900	NA	2.503	NA
NA	886105	MIDLAND HILLS C C (#2)	29	23	17	NA	49.0	1000.0	9.300	27.300	0.270	NA
NA	886105	MIDLAND HILLS C C (#3)	29	23	17	NA	49.0	1000.0	0.000	0.000	0.000	NA
200149	590760	MIDLAND HILLS C C	29	23	17	BDA	20.0	NA	413.000	NA	PT	NA
200812	866124	MINNEAPOLIS PARK/RC	29	23	7	DACA	26.0	500.0	1.200	NA	0.061	NA
512761	936161	MINNEAPOLIS PARK/RC	29	23	7	DAC	41.0	700.0	18.700	8.300	9.648	NA
206793	700157	CITY OF NEW BRIGHTON (#3)	30	23	29	BADD	1725.0	11425.0	467.400	168.800	96.091	219.379
206792	700157	CITY OF NEW BRIGHTON (#4)	30	23	30	BADD	1725.0	11425.0	703.000	181.200	110.130	297.390
206796	700157	CITY OF NEW BRIGHTON (#5)	30	23	30	CBD	1725.0	11425.0	401.000	198.300	171.438	91.214
206797	700157	CITY OF NEW BRIGHTON (#6)	30	23	30	CBAA	1725.0	11425.0	138.300	248.200	214.601	97.004
206791	700157	CITY OF NEW BRIGHTON (#7)	30	23	29	CCDC	1725.0	11425.0	0.000	0.000	0.000	0.000
206795	700157	CITY OF NEW BRIGHTON (#8)	30	23	30	BDA	1725.0	11425.0	3.300	22.300	6.866	2.847
206794	700157	CITY OF NEW BRIGHTON (#9)	30	23	30	CABA	1725.0	11425.0	0.000	0.000	0.000	0.000
161432	700157	CITY OF NEW BRIGHTON (#10)	30	23	32	DBC	1725.0	11425.0	34.600	19.600	23.810	20.152
509083	700157	CITY OF NEW BRIGHTON (#11)	30	23	29	BCA	1725.0	11425.0	19.400	5.200	5.572	6.535

TABLE II-8
Municipal/Private Well Groundwater Pumping Data

MN Unique Well No.	Permit No.	Applicant	Township	Range	Section	Quarter Sections	Permitted Appropriation (MMGal/yr)	Permitted Pumping Rate (GPM)	Pumping Volume 1993 (MMGal)	Pumping Volume 1994 (MMGal)	Pumping Volume 1995 (MMGal)	Pumping Volume 1996 (MMGal)
110485	700157	CITY OF NEW BRIGHTON (#12)	30	23	18	AC	1725.0	11425.0	34.600	19.400	26.957	4.637
520931	700157	CITY OF NEW BRIGHTON (#13)	30	23	29	AC	1725.0	11425.0	NA	334.700	477.422	460.495
554216	700157	CITY OF NEW BRIGHTON (#14)	30	23	29	BDB	1725.0	11425.0	NC	NC	NC	2.192
200148	856084	PAPER CALMENSON & CO	29	23	17	BBB	30.0	500.0	0.000	NA	0.000	NA
200804	600907	CITY OF ST ANTHONY (#3)	29	23	6	DA	NA	NA	116.800	99.800	0.000	107.209
200803	600907	CITY OF ST ANTHONY (#4)	29	23	6	AC	NA	NA	153.800	151.600	143.229	39.501
200524	600907	CITY OF ST ANTHONY (#5)	30	23	31	CA	NA	NA	70.200	62.900	160.793	195.401
206754	836056	TWIN CITIES ARMY (#1)	30	23	16	ABBB	450.0	2300.0	0.200	NA	0.000	NA
206756	836056	TWIN CITIES ARMY (#2)	30	23	16	BADA	450.0	1100.0	1.500	NA	0.000	NA
149740	796041	U OF MN	29	23	16	BDB	60.0	700.0	3.100	4.300	6.619	NA
200154	856178	U OF MN	29	23	17	DBC	27.0	675.0	13.400	16.900	14.957	NA

TABLE II-8
Municipal/Private Well Groundwater Pumping Data

MN Unique Well No.	Permit No.	Applicant	Township	Range	Section	Quarter Sections	Permitted Appropriation (MMGal/yr)	Permitted Pumping Rate (GPM)	Pumping Volume 1993 (MMGal)	Pumping Volume 1994 (MMGal)	Pumping Volume 1995 (MMGal)	Pumping Volume 1996 (MMGal)
OTHER WELLS												
462112	916084	ALLIANT TECHSYSTEMS INC (PW-1)	30	23	20	ADC	21.0	9.0	4.100	NA	4.592	NA
462968	916084	ALLIANT TECHSYSTEMS INC (PW-2)	30	23	20	ADC	21.0	4.0	2.010	NA	1.969	NA
439723	866104	BELL LUMBER AND POLE CO (PW-1)	30	23	29	DCC	26.3	0.0	0.000	0.000	0.626	NA
449194	866104	BELL LUMBER AND POLE CO (PW-3)	30	23	29	CDD	26.3	1.1	0.300	0.200	0.177	NA
449193	866104	BELL LUMBER AND POLE CO (PW-2)	30	23	29	DCC	26.3	1.2	0.500	0.500	0.159	NA
200262	756219	BROADWAY PROPERTIES PARTN	29	24	13	DABA	28.0	0.0	0.000	NA	0.017	NA
200067	866053	INDIANHEAD TRUCK LINE	29	23	4	CCD	10.0	NA	0.000	0.000	0.016	NA
NA	756223	MACGILLIS & GIBBS	30	23	29	D	1.1	48.0	3.000	NA	2.036	NA
122253	846113	MINN METAL FINISH	29	24	13	CDBC	6.0	48.0	0.300	NA	4.812	NA
200076	670637	OLD DUTCH FOODS INC	29	23	8	BDC	88.0	NA	34.500	40.400	NA	NA
236029	856218	REUBEN MEATS	29	24	13	DAB	60.0	NA	0.000	NA	PT	NA
448759	896278	PEDERSON, CARLA	29	23	9	DCB	18.4	35.0	NA	PT	PT	NA

Table III-1

FY 1998 Groundwater Performance Monitoring Plan

Unit Designations

01U	-	Upper Fridley Formation	PC	-	Prairie du Chien
01L	-	Lower Fridley Formation	J	-	Jordan
03U	-	Upper Hillside Formation	SL	-	St. Lawrence
03M	-	Middle Hillside Formation	MS	-	Mt. Simon
03L	-	Lower Hillside Formation	H	-	Hinkley
SP	-	St. Peter	UNK	-	Unknown

Notes:

(1) "X" denotes a water level measurement during the month indicated in the heading (OND 98 = October, November, December 1998).
(2) The numbers represents analytical parameter categories. The parameters within each category are outlined in Appendix E.
(3) For Category 2, analysis is only required for antimony.
(4) Monitoring for Category 1 will be conducted in the summer once every other year with the next sampling event scheduled for FY 1999.
(5) Wellhead accessibility to be confirmed if sampling is proposed.
(6) Sample for Category 1 if in production at time of sample collection.
(7) Proposed well.
(8) For startup of OU1, water level measurements should be collected as follows: Weekly measurements for one month prior to startup, daily measurements for one week prior to startup, four measurements on the first day of pumping well operation, daily measurements for the first week of operation, and monthly measurements for the first quarter of operation.
(A) Indicate that the sampling is the responsibility of Alliant Techsystems Inc., the tenant.
(B) Indicate that the sampling is the responsibility of the U.S. Army.
(P) Designates a piezometer.

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
			Q57	Q58	Q59	Q60	Q57	Q58	Q59	Q60	
Unit	Well I.D.	Common Name	OND 97	JFM 98	AMJ 98	JAS 98	Dec 97	Mar 98	Jun 98	Sep 98	Notes
Operable Unit 1											
01U	01U807		---	---	---	---	---	---	---	---	
01U	01U813		---	---	---	---	---	---	---	---	
01L	01L813		---	---	---	---	---	---	---	---	
01L	01L816		---	---	---	---	---	---	---	---	
01L	01L821		---	---	---	---	---	---	---	---	
01L	01L822		---	---	---	---	---	---	---	---	
01L	01L823		---	---	---	---	---	---	---	---	
03U	03U815		--X(B)	---	--X(B)	---	---	---	---	---	
03U	03U821		--X(B)	---	--X(B)	---	---	---	---	---	
03U	03U822		--X(B)	---	--X(B)	---	---	---	1(B)	---	
03U	03U824		---	---	---	---	---	---	---	---	
03U	03U831		--X(B)	---	--X(B)	---	---	---	1(B)	---	
03U	03U832		--X(B)	---	--X(B)	---	---	---	1(B)	---	
03U	409550	PCA 6U3	--X(B)	---	--X(B)	---	---	---	1(B)	---	
03U	409596	BS118U3	---	---	---	---	---	---	---	---	
03M	03M843		--X(B)	---	--X(B)	---	---	---	1(B)	---	
03L	03L813		---	---	---	---	---	---	---	---	
03L	03L822		--X(B)	---	--X(B)	---	---	---	1(B)	---	
03L	03L832		--X(B)	---	--X(B)	---	---	---	1(B)	---	
03L	03L841		--X(B)	---	--X(B)	---	---	---	1(B)	---	
03L	03L846		--X(B)	---	--X(B)	---	---	---	1(B)	---	
03L	03L853		--X(B)	---	--X(B)	---	---	---	1(B)	---	
03L	03L856		---	---	---	---	---	---	---	---	
03L	03L858		---	---	---	---	---	---	---	---	
03L	409546	PCA2L3	--X(B)	---	--X(B)	---	---	---	---	---	
03L	409556	PCA4L3	--X(B)	---	--X(B)	---	---	---	1(B)	---	
03L	409557	PCA1L3	--X(B)	---	--X(B)	---	---	---	1(B)	---	
03L	409597	BS118L3	--X(B)	---	--X(B)	---	---	---	1(B)	---	
PC	04U821		---	---	---	---	---	---	---	---	

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
			Q57	Q58	Q59	Q60	Q57	Q58	Q59	Q60	
Unit	Well I.D.	Common Name	OND 97	JFM 98	AMJ 98	JAS 98	Dec 97	Mar 98	Jun 98	Sep 98	Notes
PC	04U834		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
PC	04U841		--X(B)	---	--X(B)	---	---	---	1(B)	---	
PC	04U843		--X(B)	---	--X(B)	---	---	---	1(B)	---	
PC	04U844		--X(B)	---	--X(B)	---	---	---	1(B)	---	
PC	04U846		--X(B)	---	--X(B)	---	---	---	1(B)	---	
PC	04U847		---	---	---	---	---	---	---	---	
PC	04U849		---	---	---	---	---	---	---	---	
PC	04U850		--X(B)	--X(B)	--X(B)	--X(B)	---	---	---	---	
PC	04U855		--X(B)	---	--X(B)	---	---	---	1(B)	---	
PC	04U871		--X(B)	--X(B)	--X(B)	--X(B)	1(B)	---	1(B)	---	
PC	04U872		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
PC	04U875		--X(B)	--X(B)	--X(B)	--X(B)	1(B)	---	1(B)	---	
PC	04U877		--X(B)	---	--X(B)	---	---	---	1(B)	---	
PC	04U879		--X(B)	--X(B)	--X(B)	--X(B)	---	---	1(B)	---	
PC	04U880		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
PC	04U881		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
PC	04U882		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
PC	04U883		--X(B)	---	--X(B)	---	---	---	1(B)	---	
PC	200154	UM Golf Course	---	---	---	---	---	---	1(B)	---	
PC	206688	Cloverpond	---	---	---	---	---	---	1(B)	---	(5)
PC	234547	Hnywell Ridgway	---	---	---	---	---	---	---	---	
PC	409547	PCA1U4	--X(B)	---	--X(B)	---	---	---	1(B)	---	
PC	409548	PCA2U4	--X(B)	---	--X(B)	---	---	---	1(B)	---	
PC	409549	PCA3U4	--X(B)	--X(B)	--X(B)	--X(B)	---	---	1(B)	---	
PC	409555	PCA5U4	--X(B)	--X(B)	--X(B)	--X(B)	---	---	1(B)	---	
PC	512761	Gross Golf Course #2	---	---	---	---	---	---	1(B)	---	(5)
PC		MW-1	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(8)
PC		MW-3	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(8)
PC		MW-5	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(8)
PC		MW-7	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(8)
PC	554216	New Brighton #14	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	
PC		New Brighton #15	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(8)
J	04J834		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Unit	Well I.D.	Common Name	Q57 OND 97	Q58 JFM 98	Q59 AMJ 98	Q60 JAS 98	Q57 Dec 97	Q58 Mar 98	Q59 Jun 98	Q60 Sep 98	Notes
J	04J835		---	---	---	---	---	---	---	---	
J	04J882		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
J	200524	St. Anthony #5	--X(B)	---	--X(B)	---	---	---	1(B)	---	(5)
J	200803	St. Anthony #4	--X(B)	---	--X(B)	---	---	---	1(B)	---	(5)
J	206792	New Brighton #4	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(6)
J	206797	New Brighton #6	--X(B)	---	--X(B)	---	---	---	1(B)	---	(5)
J		MW-2	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(8)
J		MW-4	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(8)
J		MW-6	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(8)
J		MW-8	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(8)
PC/J	200804	St. Anthony #3	--X(B)	---	--X(B)	---	---	---	1(B)	---	(5)
PC/J	200812	Gross Golf #1	---	---	---	---	---	---	---	---	
PC/J	206793	New Brighton #3	--X(B)	--X(B)	--X(B)	--X(B)	1(B)	1(B)	1(B)	1(B)	(5)
PC/J	234549	Reiner	---	---	---	---	---	---	1(B)	---	(5)
PC/J	PJ#318		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
UNK	206796	New Brighton #5	--X(B)	---	--X(B)	---	---	---	1(B)	---	(6)
UNK	234546	Hnywell Ridgway	---	---	---	---	---	---	1(B)	---	

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
			Q57	Q58	Q59	Q60	Q57	Q58	Q59	Q60	
Unit	Well I.D.	Common Name	OND 97	JFM 98	AMJ 98	JAS 98	Dec 97	Mar 98	Jun 98	Sep 98	Notes
Operable Unit 2											
Site A Removal Action											
01U	01U038		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U039		--X(B)	---	--X(B)	---	---	---	1(B)	---	
01U	01U040		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U041		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U063		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U067		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U102		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U103		--X(B)	---	--X(B)	---	---	---	1(B)	---	
01U	01U104		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U105		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U106		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U107		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U108		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U109		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U110		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U115		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	(3)
01U	01U116		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U117		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U118		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U119		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U120		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U125		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U126		--X(B)	---	--X(B)	---	---	---	1(B)	---	
01U	01U127		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U133		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U135		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U136		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U137		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U138		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U139		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U140		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Unit	Well I.D.	Common Name	Q57 OND 97	Q58 JFM 98	Q59 AMJ 98	Q60 JAS 98	Q57 Dec 97	Q58 Mar 98	Q59 Jun 98	Q60 Sep 98	Notes
01U	01U141		--X(B)	---	--X(B)	---	---	---	---	---	
01U	01U142		---	---	---	---	---	---	---	---	P
01U	01U143		---	---	---	---	---	---	---	---	P
01U	01U144		---	---	---	---	---	---	---	---	P
01U	01U145		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U146		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U147		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U148		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U149		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U150		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U151		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U152		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U153		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U154		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U155		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U156		--X(B)	---	--X(B)	---	---	---	---	---	P
01U	01U157		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U158		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U350		---	---	---	---	---	---	---	---	
01U	01U351		X X X (B)	X X X (B)	X X X (B)	X X X (B)	1(B)	---	1,2,3(B)	---	(3)
01U	01U352		X X X (B)	X X X (B)	X X X (B)	X X X (B)	1(B)	---	1,2,3(B)	---	(3)
01U	01U353		X X X (B)	X X X (B)	X X X (B)	X X X (B)	1(B)	---	1,2,3(B)	---	(3)
01U	01U354		X X X (B)	X X X (B)	X X X (B)	X X X (B)	1(B)	---	1,2,3(B)	---	(3)
01U	01U355		X X X (B)	X X X (B)	X X X (B)	X X X (B)	1(B)	---	1,2,3(B)	---	(3)
01U	01U356		X X X (B)	X X X (B)	X X X (B)	X X X (B)	1(B)	---	1,2,3(B)	---	(3)
01U	01U357		X X X (B)	X X X (B)	X X X (B)	X X X (B)	1(B)	---	1,2,3(B)	---	(3)
01U	01U358		X X X (B)	X X X (B)	X X X (B)	X X X (B)	1(B)	---	1,2,3(B)	---	(3)
01U	01U901		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U902		--X(B)	---	--X(B)	---	1(B)	---	1,2,7(B)	---	
01U	01U903		--X(B)	---	--X(B)	---	1(B)	---	1(B)	---	
01U	01U904		--X(B)	---	--X(B)	---	1(B)	---	1,2,7(B)	---	(3)

Site I Remedial Action

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
			Q57	Q58	Q59	Q60	Q57	Q58	Q59	Q60	
Unit	Well I.D.	Common Name	OND 97	JFM 98	AMJ 98	JAS 98	Dec 97	Mar 98	Jun 98	Sep 98	Notes
01U	01U004		---	---	---	---	---	---	---	---	
01U	01U054		---	---	---	---	---	---	---	---	
01U	01U064		--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	01U132		---	---	---	---	---	---	---	---	
01U	01U631		---	---	---	---	---	---	---	---	
01U	01U632		---	---	---	---	---	---	---	---	
01U	01U634		---	---	---	---	---	---	---	---	
01U	01U635		---	---	---	---	---	---	---	---	
01U	01U636		--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	01U638		---	---	---	---	---	---	---	---	
01U	01U639		--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	01U640		--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	01U642		---	---	---	---	---	---	---	---	
01U	01U652		---	---	---	---	---	---	---	---	
01U	01U666		---	---	---	---	---	---	---	---	
01U	01U667		---	---	---	---	---	---	---	---	
01U	01U668		---	---	---	---	---	---	---	---	
01U	01U675		---	---	---	---	---	---	---	---	
01U	482086	I01MW	--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	482087	I05MW	--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	482088	I02MW	--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	482089	I04MW	--X(A)	---	--X(A)	---	---	---	---	---	
01U	482090	I03MW	--X(A)	---	--X(A)	---	---	---	---	---	

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
			Q57	Q58	Q59	Q60	Q57	Q58	Q59	Q60	
Unit	Well I.D.	Common Name	OND 97	JFM 98	AMJ 98	JAS 98	Dec 97	Mar 98	Jun 98	Sep 98	Notes
Site K Remedial Action											
01U	01U047		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U048		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U052		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U065		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U128		--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	01U601		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U602		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U603		--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	01U604		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
01U	01U605		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U607		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U608		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U609		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U611		--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	01U612		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U613		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U615		--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	01U616		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U617		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
01U	01U618		--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	01U619		--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	01U620		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U621		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
01U	01U622		---	---	---	---	---	---	---	---	(5)
01U	01U623		---	---	---	---	---	---	---	---	(5)
01U	01U624		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U625		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U626		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U627		--X(A)	---	--X(A)	---	---	---	---	---	
01U	01U628		--X(A)	---	--X(A)	---	---	---	---	---	
01U	482083	K04-MW	--X(A)	---	--X(A)	---	---	---	1(A)	---	
01U	482084	K02-MW	--X(A)	---	--X(A)	---	---	---	---	---	
01U	482085	K01-MW	--X(A)	---	--X(A)	---	---	---	---	---	
TCAAP Groundwater Recovery System											

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FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Unit	Well I.D.	Common Name	Q57 OND 97	Q58 JFM 98	Q59 AMJ 98	Q60 JAS 98	Q57 Dec 97	Q58 Mar 98	Q59 Jun 98	Q60 Sep 98	Notes
03F	03F302		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03F	03F303		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03F	03F304		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03F	03F305		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03F	03F306		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03F	03F307		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03F	03F308		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03F	03F312		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03U	03U001		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U002		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U003		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U004		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U005		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U006		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U007		--X(A)	---	--X(A)	---	---	---	1(B)	---	(4)
03U	03U008		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U009		--X(A)	---	--X(A)	---	---	---	1(B)	---	(4)
03U	03U010		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U011		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U012		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U013		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U014		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U015		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U016		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U017		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U018		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U019		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U020		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U021		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U022		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U023		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U024		--X(A)	---	--X(A)	---	---	---	---	---	

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FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Unit	Well I.D.	Common Name	Q57 OND 97	Q58 JFM 98	Q59 AMJ 98	Q60 JAS 98	Q57 Dec 97	Q58 Mar 98	Q59 Jun 98	Q60 Sep 98	Notes
03U	03U025		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U026		---	---	---	---	---	---	---	---	
03U	03U027		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U028		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U029		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U030		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U031		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U032		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U075		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U076		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U077		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U078		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U079		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U082		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U083		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U084		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U087		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U088		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U089		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U090		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U092		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U093		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U094		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U096		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U097		---	---	---	---	---	---	---	---	
03U	03U099		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U111		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U112		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U113		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U114		---	---	---	---	---	---	---	---	
03U	03U121		---	---	---	---	---	---	---	---	
03U	03U124		---	---	---	---	---	---	---	---	
03U	03U129		---	---	---	---	---	---	---	---	
03U	03U301		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	

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Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
			Q57	Q58	Q59	Q60	Q57	Q58	Q59	Q60	
Unit	Well I.D.	Common Name	OND 97	JFM 98	AMJ 98	JAS 98	Dec 97	Mar 98	Jun 98	Sep 98	Notes
03U	03U314		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03U	03U315		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03U	03U316		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U317		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
03U	03U521		---	---	---	---	---	---	---	---	
03U	03U647		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U648		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U658		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U659		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U671		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U672		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U674		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U675		---	---	---	---	---	---	---	---	
03U	03U676		---	---	---	---	---	---	---	---	
03U	03U701		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U702		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U703		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U704		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U705		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U706		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U707		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U708		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U709		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U710		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U711		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U715		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U716		--X(A)	---	--X(A)	---	---	---	---	---	
03U	03U801		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U803		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U804		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U805		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	03U806		---	---	---	---	---	---	---	---	
03U	03U811		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03U	519288	E101-MW	---	---	---	---	---	---	---	---	

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Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
			Q57	Q58	Q59	Q60	Q57	Q58	Q59	Q60	
Unit	Well I.D.	Common Name	OND 97	JFM 98	AMJ 98	JAS 98	Dec 97	Mar 98	Jun 98	Sep 98	Notes
03U	519289	E102-MW	---	---	---	---	---	---	---	---	
03U	519290	E103-MW	---	---	---	---	---	---	---	---	
03U	519291	1291501-MW	---	---	---	---	---	---	---	---	
03U	OW543U3		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M001		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M002		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M003		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M004		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M005		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M007		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M010		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M012		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M013		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M017		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M020		--X(A)	---	--X(A)	---	---	---	---	---	
03M	03M713		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03M	03M802		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03M	03M806		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L001		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L002		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L003		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L004		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L005		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L007		--X(A)	---	--X(A)	---	---	---	1(B)	---	(4)
03L	03L010		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L012		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L013		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L014		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L017		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L018		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L020		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L021		--X(A)	---	--X(A)	---	---	---	1(A)	---	

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FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
			Q57	Q58	Q59	Q60	Q57	Q58	Q59	Q60	
Unit	Well I.D.	Common Name	OND 97	JFM 98	AMJ 98	JAS 98	Dec 97	Mar 98	Jun 98	Sep 98	Notes
03L	03L027		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L028		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L029		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L077		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L078		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L079		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L080		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L081		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L084		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L086		---	---	---	---	---	---	---	---	
03L	03L091		---	---	---	---	---	---	---	---	
03L	03L113		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L137		---	---	---	---	---	---	---	---	
03L	03L138		---	---	---	---	---	---	---	---	
03L	03L802		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L806		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L809		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L811		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L833		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U001		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U002		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U003		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U007		--X(A)	---	--X(A)	---	---	---	1(B)	---	(4)
PC	04U012		--X(A)	---	--X(A)	---	---	---	---	---	
PC	04U020		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U027		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U077		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U510		--X(A)	---	--X(A)	---	---	---	1(B)	---	(4)
PC	04U701		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U702		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U708		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U709		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U711		--X(A)	---	--X(A)	---	---	---	1(A)	---	

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Unit	Well I.D.	Common Name	Q57 OND 97	Q58 JFM 98	Q59 AMJ 98	Q60 JAS 98	Q57 Dec 97	Q58 Mar 98	Q59 Jun 98	Q60 Sep 98	Notes
PC	04U713		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U714		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U802		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U806		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U833		--X(A)	---	--X(A)	---	---	---	1(A)	---	
J	04J077		--X(A)	---	--X(A)	---	---	---	1(A)	---	
J	04J702		--X(A)	---	--X(A)	---	---	---	1(A)	---	
J	04J708		--X(A)	---	--X(A)	---	---	---	1(A)	---	
J	04J713		--X(A)	---	--X(A)	---	---	---	1(A)	---	
J	04J714		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC/J	PJ#003		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC/J	PJ#027		--X(A)	---	--X(A)	---	---	---	---	---	
PC/J	PJ#074		---	---	---	---	---	---	---	---	
PC/J	PJ#309		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
PC/J	PJ#310		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
PC/J	PJ#311		--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
PC/J	PJ#313		--X(A)	---	--X(A)	---	---	---	---	---	
PC/J	PJ#501	TCAAP #1	---	---	---	---	---	---	---	---	
PC/J	PJ#502	TCAAP #2	---	---	---	---	---	---	---	---	
PC/J	PJ#503		---	---	---	---	---	---	---	---	
PC/J	PJ#802		--X(A)	---	--X(A)	---	---	---	---	---	
PC/J	PJ#806		--X(A)	---	--X(A)	---	---	---	1(A)	---	
SG	Staff Gauges		--X(A)	---	--X(A)	---	---	---	---	---	

Unit 1 Wells

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Unit	Well I.D.	Common Name	Q57 OND 97	Q58 JFM 98	Q59 AMJ 98	Q60 JAS 98	Q57 Dec 97	Q58 Mar 98	Q59 Jun 98	Q60 Sep 98	Notes
01U	01U003		---	---	---	---	---	---	---	---	
01U	01U011		---	---	---	---	---	---	---	---	
01U	01U012		---	---	---	---	---	---	---	---	
01U	01U022		---	---	---	---	---	---	---	---	
01U	01U033		---	---	---	---	---	---	---	---	
01U	01U034		---	---	---	---	---	---	---	---	
01U	01U035		---	---	---	---	---	---	---	---	
01U	01U036		---	---	---	---	---	---	---	---	
01U	01U037		---	---	---	---	---	---	---	---	
01U	01U043		---	---	---	---	---	---	---	---	
01U	01U044		---	---	---	---	---	---	---	---	
01U	01U045		---	---	---	---	---	---	---	---	
01U	01U046		---	---	---	---	---	---	---	---	
01U	01U050		---	---	---	---	---	---	---	---	
01U	01U051		---	---	---	---	---	---	---	---	
01U	01U053		---	---	---	---	---	---	---	---	
01U	01U054		---	---	---	---	---	---	---	---	
01U	01U060		---	---	---	---	---	---	---	---	
01U	01U062		---	---	---	---	---	---	---	---	
01U	01U072		---	---	---	---	---	---	---	---	
01U	01U085		---	---	---	---	---	---	---	---	
01U	01U098		---	---	---	---	---	---	---	---	
01U	01U100		---	---	---	---	---	---	---	---	
01U	01U101		---	---	---	---	---	---	---	---	
01U	01U122		---	---	---	---	---	---	---	---	
01U	01U130		---	---	---	---	---	---	---	---	
01U	01U131		---	---	---	---	---	---	---	---	
01U	01U524		---	---	---	---	---	---	---	---	
01U	01U525		---	---	---	---	---	---	---	---	
01U	01U526		---	---	---	---	---	---	---	---	
01U	01U527		---	---	---	---	---	---	---	---	
01U	01U803		---	---	---	---	---	---	---	---	
01U	01U805		---	---	---	---	---	---	---	---	
01U	01U806		---	---	---	---	---	---	---	---	
01L	01L811		---	---	---	---	---	---	---	---	

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
			Q57	Q58	Q59	Q60	Q57	Q58	Q59	Q60	
Unit	Well I.D.	Common Name	OND 97	JFM 98	AMJ 98	JAS 98	Dec 97	Mar 98	Jun 98	Sep 98	Notes
Operable Unit 3											
03U	03U673		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03M	03M848		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L673		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L848		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L854		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	03L859		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L860		--X(A)	---	--X(A)	---	---	---	---	---	
03L	03L861		--X(A)	---	--X(A)	---	---	---	1(A)	---	
03L	476837	MW15H	--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U673		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U832		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U845		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U848		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U851		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U852		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U854		--X(A)	---	--X(A)	---	---	---	---	---	
PC	04U859		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U860		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U861		--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U863	323U4	--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U864	324U4	--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
PC	04U865	325U4	--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC	04U866	326U4	--X(A)	---	--X(A)	---	---	---	---	---	
PC	500691	414U4	--X(A)	---	--X(A)	---	---	---	1(A)	---	
J	04J864	324 J	--X(A)	---	--X(A)	---	1(A)	---	1(A)	---	
J	04J866	326 J	--X(A)	---	--X(A)	---	---	---	1(A)	---	
PC/J	520931	NBM #13	--X(A)	--X(A)	--X(A)	--X(A)	1(A)	1(A)	1(A)	1(A)	

TABLE III - 1
FY 98 Groundwater Performance Monitoring Plan

Well Information			Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
			Q57	Q58	Q59	Q60	Q57	Q58	Q59	Q60	
Unit	Well I.D.	Common Name	OND 97	JFM 98	AMJ 98	JAS 98	Dec 97	Mar 98	Jun 98	Sep 98	Notes

Table IV-1

Site A Removal Action Effluent Water Quality

Notes:

(1) Qtr = Quarter. Under this heading, F = FCC and A = Alliant Techsystems Inc.

(2) These entries are the lot and sample numbers for the corresponding data points.

(3) Duplicate sample collected for QA/QC purposes.

(4) Field blank collected at this location. See Appendix C.2 for FY 1996 field blank data.

(5) Unvalidated lab data provided by GES which is not present in IRDMIS.

TABLE IV - 1
Site A Removal Action Effluent Water Quality - (ug/l)

Site ID	Sample Date	Qtr (1)		12DCE (ug/l)	C12DCE (ug/l)	T12DCE (ug/l)	TCLEE (ug/l)	TRCLE (ug/l)	HG (ug/l)	TSS (ug/l)	COD (mg/l)
EFFLUENT-A	10-Oct-94	F45		68.00			<1.00	2.52	<0.74		
EFFLUENT-A	10-Oct-94	F45	(2)	IVZ 007			IVZ 007	IVZ 007	IJX 015		
EFFLUENT-A	10-Oct-94	F45	(5)						<0.20		
EFFLUENT-A	08-Nov-94	F45		51.20			<1.00	1.68	<0.74		
EFFLUENT-A	08-Nov-94	F45	(2)	IZB 012			IZB 012	IZB 012	IJY 016		
EFFLUENT-A	05-Dec-94	F45		61.00			<1.00	1.77	<0.74		
EFFLUENT-A	05-Dec-94	F45	(2)	IZD 005			IZD 005	IZD 005	IJZ 016		
EFFLUENT-A	17-Jan-95	F46		46.00			<2.00	0.84	<0.74		
EFFLUENT-A	17-Jan-95	F46	(2)	IZI 011			IZI 011	IZI 011	JDA 014		
EFFLUENT-A	01-Feb-95	F46							<0.70		
EFFLUENT-A	01-Feb-95	F46	(2)						DQC 017		
EFFLUENT-A	08-Feb-95	F46			36.80	2.83	<2.41	1.28	<0.20		
EFFLUENT-A	08-Feb-95	F46	(2)		DPN 016	DPN 016	DPN 016	DPN 016	DQD 016		
EFFLUENT-A	03-Mar-95	F46			49.50	3.82	<2.41	2.25	<0.20	2000.00	
EFFLUENT-A	03-Mar-95	F46	(2)		DRJ 013	DRJ 013	DRJ 013	DRJ 013	DRE 017	DRI 003	
EFFLUENT-A	03-Mar-95	F46							<0.70		
EFFLUENT-A	03-Mar-95	F46	(2)						DRD 016		
EFFLUENT-A	03-Apr-95	F47			52.80	4.61	<2.41	1.86	<0.20		
EFFLUENT-A	03-Apr-95	F47	(2)		DSG 012	DSG 012	DSG 012	DSG 012	DSW 016		
EFFLUENT-A	03-Apr-95	F47							<0.70		
EFFLUENT-A	03-Apr-95	F47	(2)						DSV 015		

TABLE IV - 1
Site A Removal Action Effluent Water Quality - (ug/l)

Site ID		Sample Date	Qtr (1)		12DCE (ug/l)	C12DCE (ug/l)	T12DCE (ug/l)	TCLEE (ug/l)	TRCLE (ug/l)	HG (ug/l)	TSS (ug/l)	COD (mg/l)
EFFLUENT-A		08-May-95	F47			42.9	3.55	<2.41	1.43	<0.20		
EFFLUENT-A		08-May-95	F47	(2)		DYT 013	DYT 013	DYT 013	DYT 013	DYP 016		
EFFLUENT-A		08-May-95	F47							<0.70		
EFFLUENT-A		08-May-95	F47	(2)						DYO 015		
EFFLUENT-A		01-Jun-95	F47							<0.70	2000.00	
EFFLUENT-A		01-Jun-95	F47	(2)						ECZ 022	EDE 003	
EFFLUENT-A		01-Jun-95	F47							<0.20		
EFFLUENT-A		01-Jun-95	F47	(2)						EDA 021		
EFFLUENT-A		11-Jul-95	F48			31.50	2.15	<2.41	<1.04	<0.70		
EFFLUENT-A		11-Jul-95	F48	(2)		ENH 010	ENH 010	ENH 010	ENH 010	ENA 021		
EFFLUENT-A		11-Jul-95	F48							<0.20		
EFFLUENT-A		11-Jul-95	F48	(2)						ENB 021		
EFFLUENT-A		08-Aug-95	F48			29.40	1.98	<2.41	<1.04	<0.20		
EFFLUENT-A		08-Aug-95	F48	(2)		ESI 010	ESI 010	ESI 010	ESI 010	ESD 032		
EFFLUENT-A		08-Aug-95	F48							L<0.70		
EFFLUENT-A		08-Aug-95	F48	(2)						ESC 032		
EFFLUENT-A		07-Sep-95	F48			24.80	1.44	<2.41	<1.04	<0.20	2000.00	
EFFLUENT-A		07-Sep-95	F48	(2)		EWC 010	EWC 010	EWC 010	EWC 010	EVW 004	EWA 003	
EFFLUENT-A		07-Sep-95	F48							<0.70		
EFFLUENT-A		07-Sep-95	F48	(2)						EVV 016		
EFFLUENT-A	(4)	11-Oct-95	F49			32.40	2.76	<2.41	1.94	<0.70		
EFFLUENT-A	(4)	11-Oct-95	F49	(2)		EXM 006	EXM 006	EXM 006	EXM 006	EXI 006		

TABLE IV - 1
Site A Removal Action Effluent Water Quality - (ug/l)

Site ID		Sample Date	Qtr (1)		12DCE (ug/l)	C12DCE (ug/l)	T12DCE (ug/l)	TCLEE (ug/l)	TRCLE (ug/l)	HG (ug/l)	TSS (ug/l)	COD (mg/l)
EFFLUENT-A		28-Nov-95	A50		39.90		2.23	<1.00	1.02	<0.74	116000.00	
EFFLUENT-A		28-Nov-95	A50	(2)	HWI 014		HWI 014	HWI 014	HWI 014	JDP 012	KJC 001	
EFFLUENT-A		28-Nov-95	A50							<0.20	118000.00	
EFFLUENT-A		28-Nov-95	A50	(2)							KJC 002	
EFFLUENT-A		15-Dec-95	A50		34.00			<1.00	1.46	<0.74	<10000.00	<50.00
EFFLUENT-A		15-Dec-95	A50	(2)	HWJ 005			HWJ 005	HWJ 005	JDQ 004	KGY 001	KGZ 001
EFFLUENT-A	(3)	15-Dec-95	A50							<0.20		<50.00
EFFLUENT-A	(3)	15-Dec-95	A50	(2)								KGZ 002
EFFLUENT-A		16-Jan-96	A51		22.20		1.70	<1.00	1.98	<0.74		
EFFLUENT-A		16-Jan-96	A51	(2)	HWM 004		HWM 004	HWM 004	HWM 004	JDS 004		
EFFLUENT-A		16-Jan-96	A51	(5)						<0.20		
EFFLUENT-A		13-Feb-96	A51		24.10			<1.00	2.00	<0.74		
EFFLUENT-A		13-Feb-96	A51	(2)	HWN 011			HWN 011	HWN 011	JDT 005		
EFFLUENT-A		13-Feb-96	A51	(5)						<0.20		
EFFLUENT-A		07-Mar-96	A51		32.90		0.99	<1.00	1.73	<0.74	<10000.00	<50.00
EFFLUENT-A		07-Mar-96	A51	(2)	HWP 004		HWP 004	HWP 004	HWP 004	JDV 004	KGN 001	KIV 001
EFFLUENT-A		07-Mar-96	A51	(5)						<0.20		
EFFLUENT-A	(3)	07-Mar-96	A51									<50.00
EFFLUENT-A	(3)	07-Mar-96	A51	(2)								KIV 002
EFFLUENT-A		09-Apr-96	A52		41.50			<1.00	1.64	<0.74		
EFFLUENT-A		09-Apr-96	A52	(2)	HWS 012			HWS 012	HWS 012	JDX 007		

TABLE IV - 1
Site A Removal Action Effluent Water Quality - (ug/l)

Site ID	Sample Date	Qtr (1)		12DCE (ug/l)	C12DCE (ug/l)	T12DCE (ug/l)	TCLEE (ug/l)	TRCLE (ug/l)	HG (ug/l)	TSS (ug/l)	COD (mg/l)
EFFLUENT-A	23-May-96	A52		18.20			<1.00	1.32	<0.74		
EFFLUENT-A	23-May-96	A52	(2)	HWU 004			HWU 004	HWU 004	JDZ 004		
EFFLUENT-A	23-May-96	A52	(5)						<0.20		
EFFLUENT-A	28-Jun-96	A52		49.20			<0.75	1.55	<0.20	<4000.00	<100.00
EFFLUENT-A	28-Jun-96	A52	(2)	AXWR 005		AXWR 005	AXWR 005	AXWR 005	AXWG 003	AXWM 002	AXUQ 002
EFFLUENT-A	28-Jun-96	A52							<0.10		
EFFLUENT-A	28-Jun-96	A52	(2)						AXWF 005		
EFFLUENT-A	15-Jul-96	A53		29.10			<0.75	1.14	<0.20		
EFFLUENT-A	15-Jul-96	A53	(2)	AYAU 005			AYAU 005	AYAU 005	AYDD 003		
EFFLUENT-A	15-Jul-96	A53							<0.10		
EFFLUENT-A	15-Jul-96	A53	(2)						AYDC 005		
EFFLUENT-A	09-Aug-96	A53		28.50			<0.75	<0.56	<0.20		
EFFLUENT-A	09-Aug-96	A53	(2)	AYIK 008			AYIK 008	AYIK 008	AYJA 003		
EFFLUENT-A	09-Aug-96	A53							<0.10		
EFFLUENT-A	09-Aug-96	A53	(2)						AYNH 005		
EFFLUENT-A	03-Sep-96	A53		34.40			<0.75	1.65	<0.20	<4000.00	<10.00
EFFLUENT-A	03-Sep-96	A53	(2)	AYZB 013			AYZB 013	AYZB 013	AYXM 003	AYYY 002	AYZJ 002
EFFLUENT-A	03-Sep-96	A53							<0.10		
EFFLUENT-A	03-Sep-96	A53	(2)						AYXK 011		

Table IV-2

Site A Removal Action Pumping/VOC Recovery Data

Notes:

(1) Flowmeter fouling due to iron bacteria, no reading collected. Gallons pumped and VOCs recovered were estimated by interpolation between meter readings obtained.

(2) FCC Site A operator has stated that individual well flowrate readings are not as accurate as the total system flowrate readings for FY 1995 due to higher probability of fouling of meter from iron bacteria.

(3) Uses 1/2 of the detection limit for compounds which were not detected starting in FY 1996, VOC analysis is only performed quarterly.

(4) VOC levels estimated based on historical data.

(5) There is no data available for October 1996. Gallons pumped and VOCs recovered were estimated by interpolation between meter readings obtained.

(6) During routine maintenance and cleaning of flow meters in October 1995, meters for wells 01U353, 01U354, and 01U355 were inadvertently replaced onto wells 01U354, 01U355, and 01U353, respectively.

(7) Flow data for November and December 1996 is estimated based on previous flow data and pressure gauge readings. Meters not accurate during these months.

(8) In January 1996, individual well flow meters were replaced. Flow rates and volumes were based on individual well flow meter from January 1996, forward.

TABLE IV-2
Site A Removal Action Pumping/VOC Recovery Data

Measurement Date	Recovery Well 01U351					Recovery Well 01U352					Recovery Well 01U353					Recovery Well 01U354				
	Average Flowrate (GPM)	Meter Reading	Gallons Pumped	VOCs (3) Detected (ug/l)	VOCs Recovered (lbs)	Average Flowrate (GPM)	Meter Reading	Gallons Pumped	VOCs (3) Detected (ug/l)	VOCs Recovered (lbs)	Average Flowrate (GPM)	Meter Reading	Gallons Pumped	VOCs (3) Detected (ug/l)	VOCs Recovered (lbs)	Average Flowrate (GPM)	Meter Reading	Gallons Pumped	VOCs (3) Detected (ug/l)	VOCs Recovered (lbs)
31-May-94	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0
28-Jun-94	5.2	208,442	208,442	42.17	0.073	8.0	322,026	322,026	543.20	1.452	6.7	272,075	272,075	447.00	1.009	9.9	400,831	400,831	3.59	0.012
26-Jul-94	5.8	440,689	232,247	24.17	0.047	5.6	549,270	227,244	205.00	0.387	6.0	515,943	243,868	258.80	0.524	8.2	730,625	329,794	7.76	0.021
03-Aug-94	7.0	521,864	81,175	15.23	0.010	8.1	642,289	93,019	114.35	0.088	6.0	584,816	68,873	197.88	0.113	8.1	823,853	93,228	14.64	0.011
06-Sep-94	7.0	862,615	340,751	13.58	0.038	7.6	1,013,960	371,671	145.90	0.450	4.3	794,241	209,425	243.00	0.422	7.9	1,212,536	388,683	29.16	0.094
06-Oct-94	6.0	1,120,300	257,685	17.59	0.038	3.7	1,172,800	158,840	46.95	0.062	7.1	1,102,000	307,759	293.80	0.751	5.4	1,447,400	234,864	30.95	0.060
03-Nov-94	7.8	1,435,439	315,139	11.22	0.029	4.6	1,358,155	185,355	52.97	0.081	5.0	1,302,758	200,758	247.70	0.413	11.7	1,920,139	472,739	26.82	0.105
02-Dec-94	4.0	1,602,881	167,442	10.06	0.014	3.5	1,505,438	147,283	46.40	0.057	4.3	1,484,163	181,405	367.14	0.553	8.2	2,263,000	342,861	25.31	0.072
07-Jan-95	3.7	1,795,500	192,619	9.77	0.016	3.2	1,673,900	168,462	31.31	0.044	4.9	1,740,300	256,137	324.90	0.691	8.5	2,702,000	439,000	22.64	0.082
28-Feb-95	3.7	2,073,175	277,675	17.62	0.041	0.6	1,722,074	48,174	57.55	0.023	3.4	1,996,578	256,278	84.48	0.180	6.5	3,186,796	484,796	37.50	0.151
31-Mar-95	7.4	2,404,569	331,394	18.40	0.051	1.3	1,778,600	56,526	57.55 (4)	0.027	6.8	2,298,700	302,122	96.85	0.243	9.9	3,629,395	442,599	31.61	0.116
24-Apr-95	7.6	2,667,550	262,981	17.86	0.039	0.0	1,778,678	78	57.55 (4)	0.000	5.7	2,497,000	198,300	239.22	0.394	8.1	3,908,310	278,915	23.83	0.055
01-Jun-95	7.7	3,089,968	422,418	17.64	0.062	1.9	1,883,765	105,087	57.55 (4)	0.050	3.0	2,662,852	165,852	286.35	0.394	5.2	4,194,385	286,075	20.30	0.048
31-Jul-95	8.1	3,787,100	697,132	18.07	0.105	2.0	2,058,000	174,235	26.24	0.038	1.7	--	144,228 (1)	286.35 (4)	0.343 (1)	6.9	4,792,000	597,615	18.37	0.091
31-Aug-95	7.4	--	329,295 (1)	18.07 (4)	0.049 (1)	1.1	--	49,600 (1)	26.24 (4)	0.011 (1)	1.7	--	74,518 (1)	286.35 (4)	0.177 (1)	2.8	--	123,679 (1)	18.37 (4)	0.019 (1)
27-Sep-95	7.4	4,403,200	286,805	17.95	0.043	1.1	2,150,800	43,200	19.50	0.007	1.7	2,946,500	64,903	448.95	0.242	2.8	5,023,400	107,721	16.44	0.015
31-Oct-95	4.9	--	241,028 (5)	11.06	0.022 (5)	1.4	--	68,956 (5)	16.39	0.009 (5)	2.3	--	110,925 (5)	121.65	0.112 (5)	6.7	--	328,578 (5)	11.31	0.031 (5)
30-Nov-95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31-Dec-95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31-Jan-96	5.3	58,020	235,320	10.95	0.021	4.9	68,950	218,550	29.87	0.054	5.6	52,100	251,870	33.53	0.070	6.4	84,540	287,300	11.07	0.026
29-Feb-96	4.3	236,530	178,510	10.95	0.016	4.0	236,440	167,490	29.87	0.042	4.9	258,470	206,370	33.53	0.057	6.2	344,170	259,630	11.07	0.024
31-Mar-96	3.0	371,320	134,790	10.95	0.012	0.3	250,490	14,050	29.87	0.003	4.2	444,840	186,370	33.53	0.052	3.5	498,870	154,700	11.07	0.014
30-Apr-96	1.8	449,780	78,460	11.43	0.007	0.1	253,770	3,280	45.02	0.001	3.3	586,280	141,440	155.55	0.183	0.7	531,120	32,250	12.12	0.003
31-May-96	2.1	542,990	93,210	11.43	0.009	3.4	404,360	150,590	45.02	0.056	3.7	749,270	162,990	155.55	0.210	3.0	663,730	132,610	12.12	0.013
30-Jun-96	5.4	776,999	234,009	11.43	0.022	2.2	500,004	95,644	45.02	0.036	3.3	892,594	143,324	155.55	0.185	3.3	805,429	141,699	12.12	0.014
31-Jul-96	4.6	981,040	204,041	12.39	0.021	4.1	684,880	184,876	59.78	0.092	4.3	1,083,390	190,796	144.26	0.228	4.6	1,010,950	205,521	11.84	0.020
31-Aug-96	4.0	1,159,603	178,563	12.39	0.018	3.1	823,210	138,330	59.78	0.069	4.0	1,259,933	176,543	144.26	0.211	3.8	1,180,302	169,352	11.84	0.017
30-Sep-96	4.6	1,359,810	200,207	12.39	0.021	3.1	25,460	134,470	59.78	0.067	4.8	1,465,240	205,307	144.26	0.246	4.0	1,353,800	173,498	11.84	0.017
					0.824					3.206					8.003					1.134
TOTAL	4.1		6,181,338			2.3		3,327,036			3.3		4,722,435			5.1		6,908,538		

Measurement Date	Recovery Well 01U355					Recovery Well 01U356					Recovery Well 01U357					Recovery Well 01U358					Total RA System		
	Average Flowrate (GPM)	Meter Reading	Gallons Pumped	VOCs (3) Detected (ug/l)	VOCs Recovered (lbs)	Average Flowrate (GPM)	Meter Reading	Gallons Pumped	VOCs (3) Detected (ug/l)	VOCs Recovered (lbs)	Average Flowrate (GPM)	Meter Reading	Gallons Pumped	VOCs (3) Detected (ug/l)	VOCs Recovered (lbs)	Average Flowrate (GPM)	Meter Reading	Gallons Pumped	VOCs (3) Detected (ug/l)	VOCs Recovered (lbs)	Average Flowrate (GPM)	Gallons Pumped	VOCs Recovered (lbs)
31-May-94	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0
28-Jun-94	9.1	368,579	368,579	221.48	0.678	6.1	247,748	247,748	292.42	0.601	4.9	199,556	199,556	68.75	0.114	8.8	356,395	356,395	28.60	0.085	58.9	2,375,652	4.024
26-Jul-94	3.3	500,017 (1)	131,438 (1)	151.70	0.166 (1)	9.3	622,020	374,272	162.00	0.503	4.9	396,472	196,916	70.77	0.116	7.9	675,200	318,805	34.33	0.091	51.0	2,054,584	1.854
03-Aug-94	3.3	537,571 (1)	37,554 (1)	141.54	0.044 (1)	9.3	728,806	106,786	131.35	0.116	5.0	454,027	57,555	65.56	0.031	7.1	757,531	82,331	35.01	0.024	53.9	620,521	0.439
06-Sep-94	3.3	697,174 (1)	159,603 (1)	101.70	0.135 (1)	5.7	1,007,975	279,169	102.98	0.239	3.4	619,081	165,054	68.66	0.094	6.1	1,055,753	298,222	33.09	0.082	45.2	2,212,578	1.554
06-Oct-94	3.3	838,000	140,826	148.00	0.173	3.0	1,137,900	129,925	86.41	0.093	2.6	733,400	114,319	52.66	0.050	4.2	1,235,900	180,147	36.41	0.054	35.3	1,524,365	1.281
03-Nov-94	12.1	1,325,880	487,880	80.34	0.325	3.9	1,293,667	155,767	73.45	0.095	3.9	892,448	159,048	59.22	0.078	10.6	1,664,563	428,663	37.09	0.132	48.4	1,950,350	1.259
02-Dec-94	5.1	1,539,621	213,741	76.70	0.136	3.5	1,438,569	144,902	74.60	0.090	4.1	1,064,564	172,116	45.71	0.065	8.3	2,012,939	348,376	34.18	0.099	36.7	1,530,941	1.085
07-Jan-95	3.8	1,734,200	194,579	83.15	0.134	0.0	1,439,600	1,031	74.60 (4)	0.001	1.6	1,145,500	80,936	40.70	0.027	7.8	2,415,600	402,661	36.51	0.122	31.1	1,612,609	1.117
28-Feb-95	2.5	1,921,094	186,894	71.37	0.111	2.2	1,602,555	162,955	85.50	0.116	1.1	1,224,130	78,630	72.89	0.048	1.8	2,546,655	131,055	46.30	0.050	20.4	1,528,500	0.719
31-Mar-95	9.9	2,361,945	440,851	89.60	0.328	9.6	2,030,353	427,798	81.00	0.288	4.6	1,430,214	206,084	69.03	0.118	4.4	2,745,008	198,353	48.29	0.080	51.6	2302800	1.250
24-Apr-95	5.8	--	200,608 (1)	89.60 (4)	0.149 (1)	7.2	2,279,600	249,247	64.60	0.134	3.1	1,537,810	107,596	61.94	0.055	3.4	2,861,470	116,462	39.78	0.038	61.1	2,110,400	0.865
01-Jun-95	5.8	--	317,629 (1)	89.60 (4)	0.236 (1)	2.4	2,411,594	131,994	41.59	0.046	3.6	1,736,559	198,749	45.98	0.076	3.6	3,058,871	197,401	28.64	0.047	30.9	1,689,500	0.959
31-Jul-95	5.8	3,381,700	501,519	45.50	0.189	5.8	--	500,139 (1)	41.59 (4)	0.173 (1)	4.3	2,109,900	373,341	43.63	0.135	6.2	3,596,100	537,229	26.98	0.120	56.2	4,854,900	1.194
31-Aug-95	1.9	--	86,640 (1)	45.50 (4)	0.033 (1)	5.8	--	258,405 (1)	41.59 (4)	0.089 (1)	3.4	--	150,510 (1)	43.63 (4)	0.055 (1)	1.8	--	78,783 (1)	26.98 (4)	0.018 (1)	27.6	1,232,500	0.450
27-Sep-95	1.9	3,543,800	75,460	47.39	0.030	5.8	3,395,200	225,062	37.01	0.069	3.4	2,391,500	2,078,014	39.23	0.677	1.8	3,743,500	68,617	30.07	0.017	88.5	3,440,194	0.965
31-Oct-95	0.7	--	33,681 (5)	28.43	0.008 (5)	1.3	--	65,184 (5)	24.62	0.013 (5)	0.0	--	0 (5)	26.85	0.000 (5)	1.0	--	46,803 (5)	17.68	0.007 (5)	18.3	895,156	0.202
30-Nov-95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	37.0	1,500,000	0.086
31-Dec-95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	27.0	1,200,000	0.061
31-Jan-96	8.5	58,870	380,740	25.12	0.079	1.3	53,170	56,270	27.01	0.013	0.8	37,190	37,190	24.83	0.008	1.8	79,810	79,910	17.80	0.012	34.7	1,547,150	0.284
29-Feb-96	4.9	264,090	205,220	25.12	0.043	3.8	212,090	158,920	27.01	0.036	3.0	161,720	124,530	24.83	0.026	5.3	98,060	219,250	17.80	0.032	36.4	1,519,920	0.276
31-Mar-96	4.2	452,040	187,950	25.12	0.039	1.6	283,700	71,610	27.01	0.016	2.3	263,910	102,190	24.83	0.021	3.4	248,670	150,610	17.80	0.022	22.5	1,002,270	0.180
30-Apr-96	4.1	628,800	176,760	36.64	0.054	0.3	295,160	11,460	33.14	0.003	0.5	285,140	21,230	37.11	0.007	1.8	327,260	78,590	20.14	0.013	12.6	543,470	0.271
31-May-96	4.1	813,640	184,840	36.64	0.056	1.7	369,390	74,230	33.14	0.020	1.6	354,700	69,560	37.11	0.021	3.4	477,370	150,110	20.14	0.025	22.8	1,018,140	0.412
30-Jun-96	4.5	1,009,443	195,803	36.64	0.060	3.5	127,051	151,661	33.14	0.042	2.8	119,815	119,815	37.11	0.037	2.7	592,202	114,832	20.14	0.019	27.7	1,196,787	0.415
31-Jul-96	4.5	1,208,940	199,497	29.74	0.049	3.1	264,750	137,699	25.44	0.029	2.6	238,020	118,205	25.04	0.025	5.1	821,520	229,318	18.01	0.034	32.9	1,469,953	0.499
31-Aug-96	4.1	1,390,519	181,579	29.74	0.045	3.6	426,387	161,637	25.44	0.034	2.8	364,671	126,651	25.04	0.026	3.6	984,226	162,706	18.01	0.024	29.0	1,295,361	0.445
30-Sep-96	4.6	1,591,320	200,801	29.74	0.050	4.0	597,750	171,363	25.44	0.036	2.4	468,700	104,029	25.04	0.022	4.0	1,158,770	174,544	18.01	0.026	31.6	1,364,219	0.484
					3.349					2.894					1.931					1.274			
TOTAL	3.8		5,490,671			2.1		4,455,234			1.6		5,161,824			2.7		5,150,173				45,592,820 (2)	22.627

Table IV-3

Remedial Treatment System
Performance Monitoring Plan

TABLE IV - 3
Remedial Treatment System Performance Monitoring Plan

TCAAP GROUNDWATER RECOVERY SYSTEM (TGRS)

Location	Sampling Frequency	Parameters
Treatment System Influent	Monthly	Cat. 1
Treatment System Effluent	Monthly	Cat. 1

SITE A REMOVAL ACTION

Location	Sampling Frequency	Parameters
Extraction/Discharge System Effluent (1)	Monthly	12DCE, TRCLE, TCLEE, Hg
	Annually (2)	Benzene, Antimony pH, COD, and TSS

SITES D & G SOIL VAPOR EXTRACTION (SVE) SYSTEMS

Site D	Monthly	TRCLE, 111TCE
Site G	Monthly	12DCE, TRCLE, 111TCE

SITE K REMEDIAL ACTION

Location	Sampling Frequency	Parameters
Treatment System Effluent (Outfall 391 (010))	See Table IV-23	See Table IV-23

OPERABLE UNIT 3 PLUME GROUNDWATER RECOVERY SYSTEM (PGRS)

Location	Sampling Frequency	Parameters
Treatment System Influent	Monthly	Cat. 1
Treatment System Effluent	Monthly	Cat. 1

NOTE: The parameter list for Category 1 is presented in Appendix E.

(1) USEPA and not USAEC analytical protocol required by Metropolitan Council Environmental Services on waters discharged to the sanitary sewer.

(2) Sampling TSS/COD annually if the following conditions are met:
- After an Industrial Discharge Permit issuance, four consecutive routine self-monitoring reports must exhibit a TSS of 125 mg/l or less and a COD of 250 mg/l or less (50% of the Strength Charge limits).
- The Permittee must have no history of Strength Charge from this system.
- The Permittee must formally apply for this reduced reporting requirement through a letter illustrating the above points.

Table IV-4

Fiscal Year 1996 Site I Monitoring Data
Building 502, TCAAP

TABLE IV-4

FISCAL YEAR 1996 SITE I MONITORING DATA
BUILDING 502, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Date*	*111TCE*	*112TCE*	*11DCE*	*11DCLE*	*12DCE*	*12DCLE*	*12DCLP*	*C2H3CL*	*CCL4*	*CH2CL2*	*CHCL3*	*TCLEE*	*TCLTFE*	*TRCLE*	*Total PCBs* [1]
01U064	6/13/96	< 0.8	0.8	< 1.7	3.9	230	4.6	< 1 T	4.7	< 1	< 7.4	< 0.5	< 0.8	< 1 T	2	--
01U064	6/14/96	< 0.8 D	0.8 D	< 1.7 D	3.5 D	240 D	4.3 D	< 1 DT	4.3 D	< 1 D	< 7.4 D	< 0.5 D	< 0.8 D	< 1 DT	2 D	--
01U636	6/15/96	< 0.8	0.8	< 1.7	< 0.7	< 0.76	< 1.1	< 1 T	< 1	< 1	< 7.4	< 0.5	< 0.8	< 1 T	< 0.6	BDL
01U639	6/16/96	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	--
01U640	6/17/96	< 0.8	0.8	< 1.7	< 0.7	< 0.76	< 1.1	< 1 T	< 1	< 1	< 7.4	< 0.5	< 0.8	< 1 T	< 0.6	BDL
I01MW	6/18/96	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	--
I02MW	6/19/96	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	--
I03MW	6/20/96	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	--
I04MW	6/21/96	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	--
I05MW	6/22/96	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	--

Notes:
Concentrations in µg/L
D - Duplicate analysis
T - Non-target compound analyzed for but not detected (non-GC/MS methods)
-- Not sampled
BDL - Below detection limit
[1] Total PCBs include PCB 1016, PCB 1242, PCB 1248, PCB 1254, PCB 1260

Table IV-5

Site K Target Volatile Organic Compounds
Building 103, TCAAP

TABLE IV-5

SITE K TARGET VOLATILE ORGANIC COMPOUNDS
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

1. 1,1,1-Trichloroethane
2. 1,1,2-Trichloroethane
3. 1,1,2-Trichlorotrifluoroethane
4. 1,1-Dichloroethane
5. 1,1-Dichloroethylene
6. 1,2-Dichloroethane
7. 1,2-Dichloropropane
8. Carbon Tetrachloride
9. Chloroform
10. cis-1,2-Dichloroethylene
11. Methylene Chloride
12. Tetrachloroethylene
13. trans-1,2-Dichloroethylene
14. Trichloroethylene
15. Vinyl Chloride

Table IV-6

Site K Effluent Target Compounds
Building 103, TCAAP

TABLE IV-6

SITE K EFFLUENT TARGET COMPOUNDS
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Monthly	Total Phosphorus Ortho Phosphate
Quarterly	Total Phosphorus Ortho Phosphate

VOCs

- 1,1,1-Trichloroethane
- 1,1,2-Trichloroethane
- 1,1,2-Trichlorotrifluoroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- 1,2-Dichloroethane
- 1,2-Dichloropropane
- Carbon Tetrachloride
- Chloroform
- cis-1,2-Dichloroethylene
- Methylene Chloride
- Tetrachloroethylene
- trans-1,2-Dichloroethylene
- Trichloroethylene
- Vinyl Chloride

Metals

- Chromium
- Copper
- Lead
- Mercury
- Zinc

Table IV-7

Site K Historical Groundwater Elevation Database (FT. AMSL), Building 103, TCAAP

TABLE IV-7

SITE K HISTORICAL GROUNDWATER ELEVATION DATABASE (FT. AMSL)
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well Location	*TOC Elevation*	*8/25/86*	*9/30/86*	*10/1/86*	*10/2/896*	*10/7/86*	*10/9/86*	*10/13/86*	*10/24/86*	*5/11/87*
01U047	880.31									
01U048	885.32									
01U052	886.51									
01U065	883.90									
01U128	883.69									
01U601	892.68	883.93	884.63	884.58	884.53	884.33	884.23	884.33		882.75
01U602	889.35									
01U603	887.31	879.86	878.65	878.58	878.49	878.16	877.81	878.54		877.36
01U604	888.98	879.23	877.38	877.18	877.06	876.78	876.58	876.68		877.51
01U605	887.76	877.96	878.35	878.35	878.31	878.18	877.94	878.05		887.76
01U607	891.01	883.95	885.80	885.71	885.61	885.24	885.00	885.33		884.31
01U608	889.30									
01U609	889.33									
01U611	889.29									
01U612	886.91	879.34	877.36	877.37	877.31	877.06	877.01	876.89		878.06
01U613	892.07	883.88	884.51	884.46	884.42	884.17	884.07	884.49		882.52
01U615	888.66	879.44	876.96	876.49	876.33	876.12	876.01	876.19		877.86
01U616	890.37	878.98	879.83	879.71	879.60	879.49	879.37	879.35	879.14	878.98
01U617	887.72	879.32	877.56	877.26	877.12	876.96	876.70	876.92		877.50
01U618	891.52	877.95	877.49	877.31	877.19	876.85	876.69	876.65		876.22
01U619	891.75	883.05	882.91	882.75	883.79	883.52	883.36	883.28	883.52	882.70
01U620	888.65	883.17	882.02	881.77	881.63	878.62	878.46	878.51		878.66
01U621	886.57	879.71	878.68	878.44	878.33	878.12	877.90	878.02		877.79
01U622	889.43									
01U623	889.44	883.43	878.38	878.37	878.34	878.17	878.12	878.06		
01U624A	889.88	880.15	878.75	878.46	878.32	878.03	877.89	877.96	877.90	878.41
01U624B	889.88	880.15	878.71	878.43	878.29	878.00	877.88	877.92	877.90	878.41
01U624C	889.91	880.15	878.73	878.45	878.31	878.02	877.89	877.96	877.91	878.41
01U624D	889.89	880.16	878.72	878.45	878.30	878.01	877.89	877.95	877.91	878.42
01U625A	886.92	878.28	877.63	877.20	877.03	877.73	877.58	877.74	877.87	878.98
01U625B	886.91	878.27	877.64	877.21	877.06	876.96	876.84	876.99	877.16	878.21
01U625C	886.91	878.28	877.66	877.20	877.04	876.86	876.84	876.98	877.15	878.25
01U625D	886.92	878.29	877.64	877.20	877.05	876.87	876.85	876.99	877.16	878.22
01U626A	886.87	877.12	881.69	881.73	881.94	876.82	876.57	876.77	876.80	878.04
01U626B	886.88	879.31	877.26	876.78	876.61	882.02	882.02	881.91	876.77	878.05
01U626C	886.88	878.69	877.18	876.70	876.53	876.54	876.40	876.59	876.84	878.07
01U626D	886.88	879.82	877.18	876.96	876.85	876.61	876.46	876.66	876.89	878.08
01U627A	886.46	877.97	878.16	877.96	877.98	877.80	877.51	877.62	877.41	878.03
01U627B	886.47	878.00	877.48	877.08	876.93	876.93	876.76	876.96	877.08	878.03
01U627C	886.47	878.07	877.42	876.99	876.85	876.84	876.67	876.86	877.02	878.05
01U627D	886.48	878.06	877.49	877.04	876.88	876.86	876.70	876.89	877.05	878.05
01U628A	887.82	879.60	878.22	878.10	878.02	877.87	877.47	877.77	877.49	877.42
01U628B	887.83	879.88	878.03	877.84	877.74	877.60	877.26	877.51	877.34	877.51
01U628C	887.82	879.89	877.77	877.47	877.34	877.16	876.92	877.13	877.11	877.52
01U628D	887.84	879.91	877.79	877.48	877.36	877.17	876.92	877.14	877.12	877.61
K01MW	891.24									
K02MW	891.35									
K04MW	887.66									

TABLE IV-7

SITE K HISTORICAL GROUNDWATER ELEVATION DATABASE (FT. AMSL)
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well Location	TOC Elevation	7/23/87	8/4/87	8/13/87	8/24/87	9/1/87	10/6/87	11/3/87	1/5/88	2/29/88	4/5/88
01U047	880.31										
01U048	885.32										
01U052	886.51										
01U065	883.90										
01U128	883.69										
01U601	892.68		884.53				883.26	883.24	883.13	883.09	883.73
01U602	889.35										
01U603	887.31	879.36	879.13			877.23	876.02	875.87	877.29	875.74	875.64
01U604	888.98	877.11	878.57	877.20		875.83	875.07	875.49	877.38		874.73
01U605	887.76		878.41			877.58	876.43	875.97	875.47	Dry	
01U607	891.01	887.88	885.84			884.56	883.56	883.22	883.53	882.64	885.81
01U608	889.30										
01U609	889.33	882.83	881.38				882.94	882.76	882.55	882.38	882.88
01U611	889.29										
01U612	886.91	877.14	877.90			876.42	Dry	Dry	878.08		876.48
01U613	892.07	885.70	884.49			883.67	883.04	882.75	882.69	881.82	884.42
01U615	888.66	876.15	879.01	875.42		874.81	874.47	874.46	877.71	874.06	874.11
01U616	890.37	880.58	880.69	879.52	878.62	878.30	877.47	877.28	878.89	876.74	876.74
01U617	887.72	876.80	878.83	876.52		875.78	875.18	875.21	877.33	874.52	874.70
01U618	891.52	877.55	878.50			875.72	874.76	874.50	875.98	873.80	874.00
01U619	891.75	884.69	884.10	883.83		883.08	882.13	881.95	881.82	891.75	882.23
01U620	888.65	879.34	880.60			877.39	876.64	876.43	878.51	875.79	875.91
01U621	886.57	878.30	879.78			876.97	876.20	875.99	877.72	875.24	875.50
01U622	889.43										
01U623	889.44	877.54	877.78				876.34	876.39	877.94	876.06	875.79
01U624A	889.88	879.17	880.10	877.81		879.78	Dry	Dry	878.25	889.88	889.88
01U624B	889.88	878.91	880.08	877.78	877.00	876.73	876.08	875.92	878.25	875.35	875.38
01U624C	889.91	878.89	880.09	877.78	877.02	876.76	876.11	875.93	878.28	875.37	875.41
01U624D	889.89	878.88	880.09	877.79	877.04	876.75	876.10	875.94	878.25	875.36	875.39
01U625A	886.92	878.00	880.36	877.08	876.61	876.43	875.95	875.91	878.78	875.39	875.45
01U625B	886.91	877.19	879.71	876.24	875.84	875.63	875.21	875.13	878.08	874.62	874.68
01U625C	886.91	877.21	879.71	876.23	875.83	875.62	875.20	875.13	878.07	874.62	874.67
01U625D	886.92	877.18	879.69	876.25	875.82	875.66	875.24	875.14	878.07	874.62	874.68
01U626A	886.87	876.92	879.21	876.31	875.63	875.41	874.78	874.84	877.81	874.17	874.25
01U626B	886.88	876.49	879.42	876.59	875.22	875.13	874.79	874.73	877.89	874.19	874.25
01U626C	886.88	876.58	879.45	876.68	875.23	875.22	874.88	874.81	877.92	874.28	874.36
01U626D	886.88	876.64	879.48	876.77	875.34	875.31	874.96	874.86	877.91	874.34	874.41
01U627A	886.46	877.76	879.21	878.04	876.86	876.56	873.81	875.64	877.86	875.16	875.40
01U627B	886.47	876.99	879.44	876.25	875.81	875.66	875.21	875.19	877.88	874.56	874.68
01U627C	886.47	876.87	879.45	876.12	875.70	875.55	875.15	875.10	877.89	874.51	874.63
01U627D	886.48	876.95	879.47	876.11	875.75	875.57	875.15	875.06	877.89	874.53	874.63
01U628A	887.82	877.65	878.83	877.68	877.01	876.81	875.97	875.87	877.18	875.06	875.35
01U628B	887.83	877.40	878.91	877.28	876.67	876.48	875.74	875.65	877.29	874.90	875.13
01U628C	887.82	877.08	879.03	876.67	876.15	876.44	875.42	875.34	877.42	874.67	874.83
01U628D	887.84	877.17	879.02	876.69	876.19	876.02	875.39	875.30	877.44	874.67	874.84
K01MW	891.24										
K02MW	891.35										
K04MW	887.66										

SITE K HISTORICAL GROUNDWATER ELEVATION DATABASE (FT. AMSL)
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well Location	*TOC Elevation*	*5/27/88*	*7/8/88*	*9/7/88*	*10/4/88*	*12/6/88*	*3/29/89*	*6/7/89*	*9/8/89*	*11/21/89*	*1/3/89*
01U047	880.31										
01U048	885.32										
01U052	886.51										
01U065	883.90										
01U128	883.69										
01U601	892.68	883.38	883.08	883.39	883.48	883.72	884.01	883.78	883.78		882.77
01U602	889.35										
01U603	887.31	875.91	875.44	875.93	876.56	875.93	875.74	877.24	878.05		876.22
01U604	888.98	875.03	874.78	874.99	875.68	875.03	874.38	876.00	876.98		876.04
01U605	887.76	876.53	875.54	875.80	875.61	875.86	Dry	877.32	876.91		Dry
01U607	891.01	884.75	886.32	885.14	885.21	885.06	886.88	884.58	885.79		882.19
01U608	889.30										
01U609	889.33	882.80	882.65	882.84	882.81	882.82	882.50	882.98	883.00		882.27
01U611	889.29	883.18		883.21	883.21	883.36	882.45				889.29
01U612	886.91	876.91	876.39	Dry	877.01	876.94	Dry		877.16		Dry
01U613	892.07	883.82	884.20	884.57	884.17		885.31		884.48		881.86
01U615	888.66	874.32	874.27	874.46	874.86	874.38	874.13	874.90	876.48		874.47
01U616	890.37	877.09	877.20	877.51	878.04	876.83	876.68	878.20	879.23		876.71
01U617	887.72	875.06	874.87	875.05	875.32	874.97	874.46	875.79	876.88		874.95
01U618	891.52	874.42	874.47	875.45	875.20	874.30	874.01	875.55	876.66		874.02
01U619	891.75	882.20	882.22	883.05	882.40	882.39	882.33	883.00	882.90		881.28
01U620	888.65	876.29	876.30	876.64	877.09	878.95	875.84	877.27	878.61		878.82
01U621	886.57	875.91	875.74	875.98	876.30	875.83	875.18	876.82	876.83		875.61
01U622	889.43										
01U623	889.44	875.76	875.76	875.89	876.76	875.70	875.48	876.13	876.96		875.83
01U624A	889.88	Dry	Dry	Dry	Dry	Dry	Dry	Dry	878.17	Dry	Dry
01U624B	889.88	875.74	875.73	876.59	876.63	875.73	875.38	876.68	878.08	876.30	875.67
01U624C	889.91	875.77	875.75	876.11	876.63	875.75	875.39	876.70	878.10	876.32	875.68
01U624D	889.89	875.76	875.74	876.10	876.64	875.74	875.39	876.71	878.09	876.32	875.69
01U625A	886.92	875.75	875.69	875.95	876.29	874.92	875.49	876.48	878.01	875.61	875.00
01U625B	886.91	874.97	874.90	875.20	875.49	874.89	874.75	875.71	877.28	875.64	874.94
01U625C	886.91	874.96	874.89	875.20	875.50	874.89	874.74	875.70	877.28	875.64	874.94
01U625D	886.92	874.97	874.90	875.20	875.50	874.91	874.76	875.71	877.28	875.66	874.94
01U626A	886.87	874.54	874.73	874.72	875.07	874.29	874.15	875.56	876.99	875.73	875.49
01U626B	886.88	874.52	874.45	874.68	874.85	874.43	874.41	875.28	876.87	875.38	874.63
01U626C	886.88	874.62	874.53	874.79	874.97	874.53	874.47	875.37	876.95	875.41	874.66
01U626D	886.88	874.71	874.61	874.87	875.04	874.60	874.51	875.42	876.99	875.46	874.72
01U627A	886.46	875.66	875.76	875.71	876.55	875.31	874.70	876.78	877.83	876.79	877.14
01U627B	886.47	875.01	874.88	875.12	875.34	874.82	874.66	875.73	877.16	875.75	874.96
01U627C	886.47	874.91	874.75	875.05	875.29	874.77	874.65	875.64	877.10	875.62	874.83
01U627D	886.48	874.95	874.80	875.08	875.25	874.82	874.63	875.67	877.13	875.57	874.90
01U628A	887.82	875.89	875.60	875.77	876.06	875.66	874.84	876.73	877.43	875.86	875.49
01U628B	887.83	875.63	875.35	875.56	875.84	875.45	874.76	876.43	877.28	875.80	875.32
01U628C	887.82	875.22	875.02	875.24	875.50	875.14	874.63	876.00	877.07	875.72	875.09
01U628D	887.84	875.19	875.03	875.24	875.52	875.16	874.63	875.99	877.09	875.68	875.10
K01MW	891.24										
K02MW	891.35										
K04MW	887.66										

TABLE IV-7

SITE K HISTORICAL GROUNDWATER ELEVATION DATABASE (FT. AMSL)
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well Location	*TOC Elevation*	*5/7/90*	*7/3/90*	*10/2/90*	*3/6/91*	*6/4/91*	*9/3/91*	*12/6/91*	*3/2/92*	*6/1/92*	*9/9/92*
01U047	880.31				873.12	875.51	873.97	875.34	874.24	873.82	873.02
01U048	885.32				873.13	875.89	874.38	875.45	874.54	874.32	873.51
01U052	886.51				873.11	876.04	874.91	875.65	874.95	874.64	873.61
01U065	883.90				872.83	874.60	873.84	874.25	873.81	873.71	873.25
01U128	883.69				872.80	876.35	874.17	875.56	874.41	874.01	872.93
01U601	892.68	883.62	884.09	883.73	883.13	884.95	883.89	884.65	884.46	886.48	883.94
01U602	889.35				883.31	883.91	883.42	883.83	883.40	883.15	883.13
01U603	887.31	877.47	878.48	877.78	876.28	878.99	877.34	878.27	877.54	877.49	878.01
01U604	888.98	876.24	877.12	876.88	876.14	877.90	876.38	877.58	876.50	876.67	876.50
01U605	887.76	876.32	878.51	877.54	Dry	878.95	877.68	878.02	877.52	877.72	877.34
01U607	891.01	885.13	885.21	883.96	883.47	886.22	884.65	885.69	886.17	884.25	883.63
01U608	889.30				883.20	884.06	883.35	884.21	883.53	883.27	883.19
01U609	889.33		883.26	883.21	882.37	883.77	883.42	883.97	883.37	883.22	883.12
01U611	889.29	883.20	883.81	883.47	882.92	884.47	883.65	884.34	883.92	883.48	883.58
01U612	886.91	877.16	877.62	877.12	Dry	878.20	877.19	878.00	876.62	877.31	877.11
01U613	892.07	883.68	884.22	883.24	882.55	884.76	884.50	884.33	884.67	883.30	884.13
01U615	888.66	874.65	876.05	876.45	874.58	877.31	875.82	877.36	876.10	876.30	875.66
01U616	890.37	876.93	878.60	879.19	876.65	879.69	878.52	879.71	878.55	878.83	878.33
01U617	887.72	875.44	877.00	877.04	875.24	878.00	876.57	877.72	876.52	876.92	876.39
01U618	891.52	874.33	876.38	876.66	873.97	877.76	877.81	880.07	878.70	879.07	878.55
01U619	891.75	881.99	883.17	882.99	881.30	884.41	882.89	883.84	883.25	882.87	882.72
01U620	888.65	879.09	880.99	881.36	878.79	882.31	878.87	879.08	877.74	878.06	877.55
01U621	886.57	876.14	877.99	878.00	875.76	879.09	877.57	878.58	877.36	877.81	877.29
01U622	889.43				Dry	882.50	882.51	882.70	Dry	Dry	Dry
01U623	889.44	875.73	876.60	877.44	875.76	876.72	877.08	877.96	877.23	877.48	876.88
01U624A	889.88	Dry	877.67	878.09	Dry	878.96	877.43	878.76	877.45	877.75	877.14
01U624B	889.88	875.88	877.66	878.07	875.65	878.90	877.42	878.74	877.45	877.75	877.13
01U624C	889.91	875.90	877.66	878.08	875.67	878.91	877.42	878.75	877.46	877.76	877.15
01U624D	889.89	875.90	877.65	878.08	875.66	878.89	877.40	878.75	877.46	877.76	877.14
01U625A	886.92	875.20	876.77	877.15	875.01	878.03	876.55	877.94	876.69	876.94	876.31
01U625B	886.91	875.14	876.74	877.11	875.02	878.06	876.54	877.95	876.71	876.93	876.29
01U625C	886.91	875.14	876.76	877.11	875.02	878.06	876.54	877.95	876.71	876.93	876.29
01U625D	886.92	875.13	876.77	877.10	875.02	878.07	876.55	877.96	876.72	876.94	876.30
01U626A	886.87	875.96	876.73	876.80	875.81	877.73	876.32	877.68	876.62	876.79	876.23
01U626B	886.88	874.88	876.40	876.68	874.82	877.71	876.18	877.59	876.42	876.60	875.94
01U626C	886.88	874.88	876.44	876.74	874.82	877.78	876.23	877.65	876.47	876.66	875.98
01U626D	886.88	874.94	876.51	876.80	874.86	877.82	876.28	877.69	876.51	876.70	875.93
01U627A	886.46	877.43	877.69	877.58	877.52	878.47	877.36	878.22	877.26	877.63	877.19
01U627B	886.47	875.22	876.79	877.00	875.17	878.02	876.50	877.82	876.64	876.88	876.25
01U627C	886.47	875.11	876.71	876.95	875.00	877.93	876.43	877.77	876.59	876.82	876.17
01U627D	886.48	875.14	876.73	876.95	875.03	877.97	876.45	877.78	876.60	876.83	876.18
01U628A	887.82	876.32	877.94		875.59	878.63	877.33	878.14	877.06	877.63	877.11
01U628B	887.83	875.98	877.63		875.46	878.45	877.10	878.03	876.92	877.43	876.87
01U628C	887.82	875.55	877.18		875.28	878.19	876.75	877.89	876.72	877.12	876.52
01U628D	887.84	875.56	877.20		875.29	878.22	876.77	877.89	876.74	877.13	876.53
K01MW	891.24										
K02MW	891.35										
K04MW	887.66										

SITE K HISTORICAL GROUNDWATER ELEVATION DATABASE (FT. AMSL)
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well Location	*TOC Elevation*	*12/1/92*	*3/2/93*	*6/1/93*	*9/8/93*	*3/1/94*	*9/6/94*	*3/6/95*	*9/5/95*	*6/3/96*	*9/3/96*
01U047	880.31	873.67	873.54	874.63	874.87	874.13	873.36	873.21	874.58	875.05	872.81
01U048	885.32	874.07	873.45	875.00	875.25	873.96	873.61	873.06	874.99	875.05	873.23
01U052	886.51	874.47	873.55	875.52	875.49	874.26	873.75	873.30	875.22	875.47	873.42
01U065	883.90	873.80	873.23	874.27	874.43	873.33	873.47	873.04	874.27	874.27	873.23
01U128	883.69	873.87	873.09	875.35	875.18	873.81	873.16	872.84	874.90	875.31	872.69
01U601	892.68	883.91	883.27	884.34	884.43	883.54	883.52	882.88	883.84	883.85	883.20
01U602	889.35	883.31	882.71	883.20	883.86	883.23	883.11	882.47	883.22	883.25	882.63
01U603	887.31	877.11	876.38	878.19	879.17	876.14	876.64	876.12	877.53	878.49	876.11
01U604	888.98	876.35	876.12	877.01	878.65	876.70	875.86	876.62	876.91	877.46	875.51
01U605	887.76	877.34	875.64	878.38	878.43	876.32	876.70	Dry	877.79	877.89	876.15
01U607	891.01	884.94	882.84	885.86	884.82	883.74	881.86	882.28	883.64	884.65	879.36
01U608	889.30	883.46	882.62	883.49	884.18	882.80	882.81	882.24	883.42	883.40	882.60
01U609	889.33	883.41	882.72	883.35	883.91	882.77	882.75	882.44	883.29	883.29	882.65
01U611	889.29	N/A	883.13	883.92	884.18	883.25	883.22	882.82	883.54	883.55	883.07
01U612	886.91	877.19	Dry	878.21	878.65	Dry	876.89	Dry	877.56	878.01	876.40
01U613	892.07	883.62	882.77	884.65	884.13	883.41	883.00	881.98	883.35	883.64	881.97
01U615	888.66	876.16	875.70	876.29	878.67	874.92	875.35	874.82	876.73	876.68	875.14
01U616	890.37	878.60	877.34	878.82	880.81	877.39	877.89	876.95	879.12	879.54	877.74
01U617	887.72	876.72	875.91	877.09	878.99	875.41	875.98	875.20	877.31	877.39	875.78
01U618	891.52	878.96	877.53	879.25	881.12	877.53	878.13	877.10	879.52	879.79	878.03
01U619	891.75	883.08	881.61	883.38	884.01	882.15	882.49	881.17	883.12	883.27	882.03
01U620	888.65	877.96	876.78	878.21	880.27	876.52	877.15	876.21	878.55	878.72	877.02
01U621	886.57	877.64	876.45	878.05	879.84	876.18	876.93	875.85	878.30	878.39	876.75
01U622	889.43	Dry	Dry	Dry		Obstrt.	Obstrt.	Obstrt.	Obstrt.	Obstrt.	Obstrt.
01U623	889.44	877.03	876.33	876.97	879.09	Obstrt.	Obstrt.	Obstrt.	Obstrt.	Obstrt.	Obstrt.
01U624A	889.88	877.63	Dry	877.80	879.96	Dry	Dry	Dry	878.15	878.37	Dry
01U624B	889.88	877.61	876.53	877.78	879.96	876.21	876.78	875.92	878.15	878.33	876.63
01U624C	889.91	877.64	876.56	877.80	879.96	876.24	876.79	875.96	878.18	878.35	876.66
01U624D	889.89	877.63	876.56	877.79	879.97	876.23	876.79	875.94	878.16	878.34	876.64
01U625A	886.92	876.85	876.18	876.96	879.27	875.40	875.96	875.24	877.39	877.39	875.77
01U625B	886.91	876.84	876.17	876.95	879.26	875.39	875.95	875.23	877.38	877.34	875.76
01U625C	886.91	876.84	876.18	876.95	879.26	875.40	875.95	875.23	877.38	877.34	875.76
01U625D	886.92	876.85	876.16	876.96	879.27	875.41	875.96	875.24	877.39	877.35	875.77
01U626A	886.87	876.63	876.62	876.94	878.89	875.39	875.95	875.93	877.25	877.45	875.56
01U626B	886.88	876.52	876.03	876.63	878.93	875.09	875.60	875.04	877.07	876.96	875.38
01U626C	886.88	876.57	876.02	876.68	878.98	875.13	875.66	875.04	877.11	877.00	875.45
01U626D	886.88	876.61	876.03	876.73	879.01	875.18	875.71	875.08	877.16	877.06	875.50
01U627A	886.46	877.27	877.30	877.86	879.31	876.41	877.09	877.24	878.05	878.61	876.59
01U627B	886.47	876.77	876.12	876.95	879.12	875.43	875.91	875.36	877.31	877.27	875.71
01U627C	886.47	876.71	876.07	876.87	879.08	875.33	875.84	875.21	877.27	877.20	875.64
01U627D	886.48	876.73	876.08	876.89	879.09	875.33	875.85	875.22	877.28	877.21	875.65
01U628A	887.82	877.40	876.19	877.89	879.40	875.85	876.76	875.69	877.98	878.18	876.51
01U628B	887.83	877.21	876.14	877.63	879.30	875.73	876.45	875.55	877.78	877.91	876.28
01U628C	887.82	876.94	876.06	877.26	879.17	875.57	876.15	875.38	877.50	877.55	875.96
01U628D	887.84	876.95	876.06	877.26	879.17	875.56	876.16	875.38	877.50	877.56	875.97
K01MW	891.24					884.07	886.33	883.38	886.34	886.77	885.64
K02MW	891.35					885.00	884.48	883.86	884.99	885.13	883.68
K04MW	887.66					878.73	879.46	877.86	880.28	880.20	878.86

Table IV-8

Fiscal Year 1994 - Fiscal Year 1996
Groundwater Quality Data for Site K
Building 103, TCAAP

TABLE IV-8

FISCAL YEAR 1994 - FISCAL YEAR 1996 GROUNDWATER QUALITY DATA FOR SITE K
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well	Date	111TCE	112TCE	11DCE	11DCLE	12DCE	12DCLE	12DCLP	C2H3CL	CCL4	CH2CL2	CHCL3	T12DCE	TCLEE	TCLTFE	TRCLE
OW104	3/1/94	< 1	< 1	< 1	< 0.78	0.586	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	1.16
(01U604)	3/7/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	0.31 1
	6/4/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	0.955
	6/4/96	< 0.76 D	< 0.78 D	< 1.7 D	< 0.73 D	1.99 D	< 1.1 D	< 1 DT	< 1.01 D	< 0.99 D	< 7.4 D	< 0.5 D		< 0.75 D	< 1 DT	21.6 D
OW111	3/1/94	< 5000	< 5000	< 5000	< 3900	3900	< 2500	< 5000	< 9500	< 6500	< 16000	< 3600	< 1500 T	< 5000	< 5000	180000
(01U611)	3/7/95	< 500	< 500	< 500	< 390	5100	< 250	< 500	< 950	< 650	< 1600	< 360	< 150 T	< 500	< 500	35000
	6/4/96	< 0.76	< 0.78	3.71	< 0.73	1820 XJ	2.99	< 1 T	9.23	< 0.99	< 7.4	< 0.5		2.9	< 1 T	45000
OW115	3/1/94	< 200	< 200	< 200	< 160	920	< 100	< 200	< 380	< 260	< 640	< 140	80 Z	< 200	< 200	17000
(01U615)	3/7/95	< 250	< 250	< 250	< 200	1100	< 130	< 250	< 480	< 330	< 800	< 180	240 Z	< 250	< 250	12000
	6/4/96	< 0.76	< 0.78	2.21	< 0.73	1400	< 1.1	< 1 T	12.8	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	5800
OW117	3/1/94	< 1 D	< 1	< 1	< 0.78 D	2.27 D	0.754	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 DT	< 1 D	< 1 D	1.38 D
(01U617)	3/1/94	< 1	< 1 D	< 1 D	< 0.78	1.85	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	1.3
	9/6/94	< 1	< 1	< 1	< 0.78	2	0.483	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	0.928
	3/7/95	< 1	< 1	< 1	< 0.78	2.42	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	0.373 Z	< 1	< 1	0.782
	9/5/95	< 1	< 1	< 1	< 0.78	2.97	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	0.858
	6/4/96	< 0.76	< 0.78	< 1.7	< 0.73	4.6	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	1.02
	9/3/96	< 0.76	< 0.78	< 1.7	< 0.73	5.38	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	< 0.56
OW118	3/1/94	< 1	< 1	< 1	1.72	1.01	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	5.83	3.43
(01U618)	3/7/95	< 1	< 1	< 1	1.84	1	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	5.66	3.36
	6/4/96	< 0.76	< 0.78	< 1.7	1.51	1.32	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	14.7 Z	3.82
OW119	3/1/94	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	26.7	1.85
(01U619)	3/7/95	< 1	< 1	< 1	0.547 1	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	380	2.48
	6/4/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	143 Z	2.16
OW121	3/1/94	< 1	< 1	< 1	< 0.78	5.21	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
(01U621)	9/6/94	< 1	< 1	< 1	< 0.78	12	0.274 1	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
	9/6/94	< 1 D	< 1 D	< 1 D	< 0.78 D	12.1 D	0.26 1D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 DT	< 1 D	< 1 D	< 0.5 D
	3/7/95	< 1	< 1	< 1	< 0.78	9.64	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
	9/5/95	< 1	< 1	< 1	< 0.78	11.1	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
	9/5/95	< 1 D	< 1 D	< 1 D	< 0.78 D	11.7 D	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 DT	< 1 D	< 1 D	< 0.5 D
	6/4/96	< 0.76	< 0.78	< 1.7	< 0.73	13.8	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	0.954
	9/3/96	< 0.76	< 0.78	< 1.7	< 0.73	12.9	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	< 0.56
	9/3/96	< 0.76 D	< 0.78 D	< 1.7 D	< 0.73 D	< 0.76 D	< 1.1 D	< 1 DT	< 1.01 D	< 0.99 D	< 7.4 D	< 0.5 D		< 0.75 D	< 1 DT	< 0.56 D

TABLE IV-8

FISCAL YEAR 1994 - FISCAL YEAR 1996 GROUNDWATER QUALITY DATA FOR SITE K
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Date*	*111TCE*	*112TCE*	*11DCE*	*11DCLE*	*12DCE*	*12DCLE*	*12DCLP*	*C2H3CL*	*CCL4*	*CH2CL2*	*CHCL3*	*T12DCE*	*TCLEE*	*TCLTFE*	*TRCLE*
01U128	3/1/94	< 1	< 1	< 1	1.15	26.8	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	2.6 Z	< 1	< 1	< 0.5
	3/7/95	< 1	< 1	< 1	< 0.78	15.3	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	2.17 Z	< 1	< 1	< 0.5
	6/4/96	< 0.76	< 0.78	< 1.7	< 0.73	14.9	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	< 0.56
K01MW	3/1/94	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
K02MW	3/1/94	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
K04MW	3/1/94	< 1	< 1	< 1	6.8	1.47	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	16.8
K04MW	3/7/95	< 1	< 1	< 1	4.39	1.25	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	9.56
K04MW	6/4/96	< 0.76	< 0.78	< 1.7	0.943	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	7.01
K04MW	6/4/96	< 0.76 D	< 0.78 D	< 1.7 D	1.25 D	< 0.76 D	< 1.1 D	< 1 DT	< 1.01 D	< 0.99 D	< 7.4 D	< 0.5 D		< 0.75 D	< 1 DT	6.82 D

Notes:
Concentration in µg/L
1 - Result less than Certified Reporting Limit but greater than the Critera of Detection
D - Duplicate analysis
J - Value is estimated
T - Non-target compound analyzed for but not detected (non-GC/MS methods)
X - Analyte concentration is above the upper reporting limit
Z - Non-target compound analyzed for and detected (non-GC/MS methods)

Table IV-9

Site K Treatment System Concentrations
Building 103, TCAAP

TABLE

SITE K TREATMENT SYSTEM CONCENTRATIONS
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well	Date	12DCLP	112TCE	C2H3CL	CCL3F	C12DCE	CH2CL2	11DCE	11DCLE	T12DCE	CHCL3	12DCLE	111TCE	CCL4	TRCLE	TCLEE
Influent	12/7/93	< 2.00	< 10.00	< 15.00	< 4.00	80.00	< 10.00	< 3.00	< 2.00	8.10	< 5.00	< 2.00	< 5.00	< 3.00	590.00	< 10.00
Influent	3/1/94	< 0.20	< 1.00	< 1.50	< 0.4	36.00	< 1.00	< 0.30	< 0.20	4.40	< 0.50	< 0.20	< 0.50	< 0.30	240.00	< 1.00
Influent	6/7/94	< 4.00	< 20.00	< 30.00	< 8.00	47.00	< 20.00	< 6.00	< 4.00	6.30	< 10.00	< 4.00	< 10.00	< 6.00	390.00	
Influent	9/6/94	< 4.00	< 20.00	< 30.00	< 8.00	36.00	< 20.00	< 6.00	< 4.00	< 6.00	< 10.00	< 4.00	< 10.00	< 6.00	340.00	< 20.00
Influent	12/6/94	< 2.00	< 10.00	< 15.00	< 4.00	75.00	< 10.00	< 3.00	< 2.00	4.30	< 5.00	< 2.00	< 5.00	< 3.00	370.00	< 10.00
Influent	3/7/95	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	6.10	< 0.50	< 0.20	< 0.50	0.60	240.00	< 1.00
Influent	6/6/95	< 2.00	< 10.00	< 15.00	< 4.00	35.00	< 10.00	7.70	< 2.00	< 3.00	< 5.00	< 2.00	< 5.00	< 3.00	260.00	< 10.00
Influent	9/5/95	< 2.00	< 10.00	< 15.00	< 4.00	84.00	< 10.00	< 3.00	< 2.00	1.10	< 5.00	< 2.00	< 5.00	< 3.00	490.00	< 10.00
Influent	12/5/95	< 2.20	< 11.00	< 16.00	< 4.40	76.00	< 11.00	< 3.30	< 2.20	< 3.30	< 5.50	< 2.20	< 5.50	< 3.30	360.00	< 11.00
Influent	3/5/96	< 2.00	< 10.00	< 15.00	< 4.00	5.00	< 10.00	< 3.00	< 2.00	8.30	< 5.00	< 2.00	< 5.00	< 3.00	190.00	< 10.00
Influent	6/4/96	< 0.31	< 0.44	< 0.25		64	< 0.37	< 23	< 0.3	9	< 0.31	< 0.37	< 0.3	< 0.29	390	< 0.26
Influent	9/3/96	< 0.26	< 0.53	< 1.3		46	< 0.35	0.81 JP	< 0.37	7.6	< 0.41	< 0.43	< 0.36	< 0.35	210 XJ	< 0.35
Effluent	10/5/93															
Effluent	11/2/93															
Effluent	12/7/93	< 0.2	< 1	< 1.5	< 0.4	< 0.5	< 1.00	< 0.30	< 0.2	< 0.3	< 0.5	< 0.2	< 0.5	< 0.3	7	< 1
Effluent	12/7/93	< 0.2	< 1	< 1.5	< 0.4	< 0.5	< 1.00	< 0.30	< 0.2	< 0.3	< 0.5	< 0.2	< 0.5	< 0.3	1.1	< 1
Effluent	1/4/94															
Effluent	2/1/94															
Effluent	3/1/94	< 0.20	< 1.00	< 1.50	< 0.4	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	2.90	
Effluent	3/1/94	< 0.20	< 1.00	< 1.50	< 0.4	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	1.60	
Effluent	4/5/94															
Effluent	5/3/94															
Effluent	6/7/94	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	0.60	
Effluent	6/7/94	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	0.50	
Effluent	7/5/94															
Effluent	8/2/94															
Effluent	9/6/94	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	< 0.50	< 1
Effluent	9/6/94	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	< 0.50	< 1
Effluent	10/4/94															

TABLE IV-9

SITE K TREATMENT SYSTEM CONCENTRATIONS
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well	Date	12DCLP	112TCE	C2H3CL	CCL3F	C12DCE	CH2CL2	11DCE	11DCLE	T12DCE	CHCL3	12DCLE	111TCE	CCL4	TRCLE	TCLEE
Effluent	11/1/94															
Effluent	12/6/94	< 0.20	< 1.00	< 1.50	< 0.40	2.20	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	3	< 1
Effluent	12/6/94	< 0.20	< 1.00	< 1.50	< 0.40	2.20	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	2.9	< 1
Effluent	1/3/95															
Effluent	2/7/95															
Effluent	3/7/95	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	< 0.50	< 1
Effluent	3/7/95	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	< 0.50	< 1
Effluent	4/4/95															
Effluent	5/2/95															
Effluent	6/6/95	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	< 0.50	< 1
Effluent	6/6/95	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	< 0.50	< 1
Effluent	7/6/95															
Effluent	8/1/95															
Effluent	9/5/95	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	< 0.50	< 1
Effluent	9/5/95	< 0.20	< 1.00	< 1.50	< 0.40	< 0.50	< 1.00	< 0.30	< 0.20	< 0.30	< 0.50	< 0.20	< 0.50	< 0.30	< 0.50	< 1
Effluent	9/5/95	< 0.2	< 1	< 1.5	< 0.4	< 0.5	< 1	< 0.3	< 0.2	< 0.3	< 0.5	< 0.2	< 0.5	< 0.3	< 0.5	< 1
Effluent	9/5/95	< 0.2	< 1	< 1.5	< 0.4	< 0.5	< 1	< 0.3	< 0.2	< 0.3	< 0.5	< 0.2	< 0.5	< 0.3	< 0.5	< 1
Effluent	10/3/95															
Effluent	11/7/95															
Effluent	12/5/95	< 0.2	< 1	< 1.5	< 0.4	< 0.5	< 1	< 0.3	< 0.2	< 0.3	< 0.5	< 0.2	< 0.5	< 0.3	< 0.5	1
Effluent	12/5/95	< 0.2	< 1	< 1.5	< 0.4	< 5	< 1	< 0.3	< 0.2	< 0.3	< 0.5	< 0.2	< 0.5	< 0.3	< 0.5	< 10
Effluent	1/2/96															
Effluent	2/6/96															
Effluent	3/5/96	< 0.2	< 1	< 1.5	< 0.40	< 0.5	< 1	< 0.3	< 0.2	< 0.3	< 0.5	< 0.2	< 0.5	< 0.3	< 0.5	< 1
Effluent	3/5/96	< 0.2	< 1	< 1.5	< 0.40	< 0.5	< 1	< 0.3	< 0.2	< 0.3	< 0.5	< 0.2	< 0.5	< 0.3	< 0.5	< 1
Effluent	4/2/96															
Effluent	5/7/96															
Effluent	6/4/96	< 0.31	< 0.44	< 0.25		2.8 X	< 0.37	< 0.23	< 0.3	< 0.25	< 0.31	< 0.37	< 0.3	< 0.29	12 X	< 0.26
Effluent	6/4/96	< 0.31	< 0.44	< 0.25		3.6	< 0.37	< 0.23	< 0.3	< 0.25	< 0.31	< 0.37	< 0.3	< 0.29	15	< 0.26
Effluent	7/2/96															
Effluent	8/12/96															
Effluent	9/3/96	< 0.26	< 0.53	< 1.3		3	< 0.35	< 0.44	< 0.37	< 0.48	< 0.41	< 0.43	< 0.36	< 0.35	9.3	< 0.35
Effluent	9/3/96	< 0.26	< 0.53	< 1.3		2.7	< 0.35	< 0.44	< 0.37	< 0.48	< 0.41	< 0.43	< 0.36	< 0.35	7.6	< 0.35

Notes:
X - Analyte result is an estimate
JP - The qualifier indicates that the value is between the MDL and the PQL

TABLE

SITE K TREATMENT SYSTEM CONCENTRATIONS
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Date*	*TPO4*	*O-PO4*	*Chromium*	*Copper*	*Lead*	*Zinc*
Influent	12/7/93						
Influent	3/1/94						
Influent	6/7/94						
Influent	9/6/94						
Influent	12/6/94	86.00	60.00	< 15	< 20	< 1.26	< 13.00
Influent	3/7/95						
Influent	6/6/95						
Influent	9/5/95						
Influent	12/5/95						
Influent	3/5/96						
Influent	6/4/96						
Influent	9/3/96						
Effluent	10/5/93	53.70	19.40				
Effluent	11/2/93	66.6	28				
Effluent	12/7/93	150	21.5	< 15	< 20	< 1.26	17
Effluent	12/7/93						
Effluent	1/4/94	63.2	30.3				
Effluent	2/1/94	130	95				
Effluent	3/1/94	74.90	35.50	< 15.00	< 20.00	< 1.26	32.00
Effluent	3/1/94						
Effluent	4/5/94	92.80	31.20				
Effluent	5/3/94	34.30	< 10.30				
Effluent	6/7/94	77.80	32.60	< 15.00	< 20.00	< 4.00	16.00
Effluent	6/7/94						
Effluent	7/5/94	71.70	23.30				
Effluent	8/2/94	35.10	15.60				
Effluent	9/6/94	80.70	23.60	< 15.00	< 20.00	< 2.00	< 13.00
Effluent	9/6/94						
Effluent	10/4/94	50	75.10				

TABLE IV-9

SITE K TREATMENT SYSTEM CONCENTRATIONS
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Date*	*TPO4*	*O-PO4*	*Chromium*	*Copper*	*Lead*	*Zinc*
Effluent	11/1/94	71.3	89.7				
Effluent	12/6/94						
Effluent	12/6/94						
Effluent	1/3/95	95	90.1				
Effluent	2/7/95	160	not reported				
Effluent	3/7/95	99	66	< 15	< 20	< 3	< 13
Effluent	3/7/95						
Effluent	4/4/95	190	130				
Effluent	5/2/95	150	38.6				
Effluent	6/6/95						
Effluent	6/6/95	37.7	19.9	< 15	< 20	< 1.26 *	< 13
Effluent	7/6/95	220	57.7				
Effluent	8/1/95	132	27.2				
Effluent	9/5/95						
Effluent	9/5/95	< 50	59.9	< 15	< 20	< 2	< 13
Effluent	9/5/95	< 50	59.9	< 15	< 20	< 3	< 13
Effluent	9/5/95						
Effluent	10/3/95	350	270				
Effluent	11/7/95	150	180				
Effluent	12/5/95	60	40	< 15	< 20	< 3	26
Effluent	12/5/95						
Effluent	1/2/96	200	< 20				
Effluent	2/6/96	880	< 20				
Effluent	3/5/96	1100	30	< 15	< 20	< 3	19.4
Effluent	3/5/96						
Effluent	4/2/96	60	< 20				
Effluent	5/7/96	< 50	< 20				
Effluent	6/4/96	83.8	< 50	< 16.8	< 18.8	< 4.47	< 18
Effluent	6/4/96						
Effluent	7/2/96	74.8	< 50				
Effluent	8/12/96	182	< 82.1				
Effluent	9/3/96	122	< 82.1	< 16.8	< 18.8	< 4.47	< 18
Effluent	9/3/96						

Notes: Notes:
X - AnalytX - Analyte result is an estimate
JP - The qJP - The qualifier indicates that the value is between the MDL and the PQL

Table IV-10

Fiscal Year 1996 Site K Effluent Priority Pollutant Annual Results, Building 103, TCAAP

TABLE IV-10

FISCAL YEAR 1996 SITE K EFFLUENT PRIORITY POLLUTANT ANNUAL RESULTS
BUILDING 103, TCAAP
NEW BRIGHTON, MINNESOTA

	Compound	*Concentration (µg/L)*
Metals	Lead	< 4.47
	Copper	< 18.8
	Chromium	< 16.8
	Zinc	< 18
	Mercury	
VOC	1,1,1-Trichloroethane	< 0.3
	1,1,2-Trichloroethane	< 0.44
	1,1-Dichloroethane	< 0.3
	1,1-Dichloroethene	< 0.23
	1,2-Dichloroethane	< 0.37
	1,2-Dichloroethene	< 0.31
	Carbon Tetrachloride	< 0.29
	Chloroform	< 0.31
	cis-1,2-Dichloroethene	2.8
	cis-1,2-Dichloroethene	3.6
	Methylene Chloride	< 0.37
	Tetrachloroethene	< 0.26
	trans-1,2-Dichloroethene	< 0.25
	Trichloroethene	12
	Trichloroethene	15
	Vinyl Chloride	< 0.25
Other	Total Phosphorous	83.8
	Ortho-Phosphorous	< 50

Notes
Sample date was June 4, 1996

Table IV-11

Groundwater Capture and Treatment Requirements
TGRS, TCAAP

TABLE IV-11

GROUNDWATER CAPTURE AND TREATMENT REQUIREMENTS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Substance	*Contaminant Specific Requirements (a) (ppb)*	*Acceptable Risk Level (b) 10^{-6} (ppb)*	*Expected Level in Discharge (ppb)*
Volatile Organic Compounds (VOCs)			
Benzene	5 (MCL)	0.67	ND
Toluene	2,000 (MCLGP)	--	ND
cis-1,2-Dichloroethene plus trans-1,2-Dichloroethene	70 (MCLGP)	--	<1
1,1-Dichloroethene	7 (MCL)	0.033	<1
1,1,1-Trichloroethane	200 (MCL)	22	<1
1,1,2-Trichloroethane	6.1 (RAL)	0.6	<1
1,2-Dichloroethane	5 (MCL)	0.38	--
1,1,2-Trichloroethene	5 (MCL)	2.8	<5
1,2-Dichloropropane	6 (MCLGP)	0.56	--
1,1,2,2-Tetrachloroethane	6.9 (RAL)	0.7	--
Carbon Tetrachloride	5 (MCL)	0.3	--
1,1,2-Trichlorotrifluoroethane	-- (GA)	--	--
Chloroform	5 (RAL)	0.19	<1
Vinyl Chloride	2 (MCL)	0.015	<2
Xylene	440 (MCLGP)	--	ND
1,1-Dichloroethane	-- (GA)	--	--
Metals			
Arsenic	50 (MCL)	0.25	NA
Barium	1,000 (MCL)	1,000 (MCL)	NA
Cyanide	200 (MCL)	200 (WQC)	NA
Cadmium	5 (MCLP)	10 (WQC)	NA
Lead	20 (MCLGP)	0.031	NA
Nickel	150 (HA)	15.4 (WQC)	NA
Mercury	2 (MCL)	2.0 (MCL)	NA

Notes:

(a) Applicable to all phases, capture and discharge.

(b) Receptor based criteria for Phase 2. Laboratory detection limits may be substituted for criteria levels with USEPA approval. Values are based on a 10-6 risk level for carcinogens and for non-carcinogens with stricter limits determined by MCL, AIC or Water Quality criteria adjusted for ingestion of drinking water only.

MCL Maximum Contaminant Level

MCLP Maximum Contaminant Level Proposed

MCLG Maximum Contaminant Level Goal

MCLGP Maximum Contaminant Level Goal Proposed

HA Lifetime Health Advisory

RAL Recommended Allowable Level - State of Minnesota

SMCL Secondary Maximum Contaminant Level

ND None Detectable

NA Not significantly affected by remedy - not expected to be migrating from sources and will remain at background levels.

CAA Clean Air Act

AIC Chronic Acceptable Intake

WQC Water Quality Criteria - adapted for ingestion of drinking water only - concentrations represent 1 x 10^{-6} risk levels.

GA Group Action Criteria of 10 ppb adopted.

ATSOR Agency for Toxic Substances and Disease Registry recommended action level for BGRS.

Table IV-12

Summary of Pumping Test Results
BGRS, TCAAP

TABLE IV-12

SUMMARY OF PUMPING TEST RESULTS
BGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Transmissivities (ft^2/day)*
B1	27,254
B2	38,417
B3	26,920
B4	26,226
B5	34,273
B6	30,300

Table IV-13

Fiscal Year 1996 Extraction Well
Practical Operating Pumping Rates
TGRS, TCAAP

TABLE IV-13

FISCAL YEAR 1996 EXTRACTION WELL PRACTICAL OPERATING PUMPING RATES TGRS, TCAAP NEW BRIGHTON, MINNESOTA

Well Name	*Rate (gpm)*	*Well Name*	*Rate (gpm)*
B1	235	B10	250
B2	150	B11	100
B3	215	B12	190
B4	200	SC1	40
B5	200	SC2	45
B6	275	SC3	100
B7	300	SC4	45
B8	125	SC5	100
B9	150		
		TOTAL	**2720**

Table IV-14

Extraction Well Shut Down Sequence
TGRS, TCAAP

TABLE IV-14

EXTRACTION WELL SHUT DOWN SEQUENCE
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

1st	B12
2nd	B7
3rd	B3, B11 and SC1
4th	B10 and SC4
5th	B8 and B2
6th	B9 and SC3
7th	B1 and B4
8th	B6 and B5
9th	SC2 and SC5

Note:
The SC1 well and associated treatment system is controlled by a run permissive switch. The switch is controlled by the TGRS PLC. When the PLC orders B11 to operate, SC1 is given permission to run. When the PLC orders B11 to shut down, permission is withdrawn for SC1 to operate. SC1 shuts down.

Table IV-15

Fiscal Year 1996 Extraction Well Water Pumped
TGRS, TCAAP

TABLE IV-15

FISCAL YEAR 1996 EXTRACTION WELL WATER PUMPED
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

	Volume of Water Pumped (gallons)																	
	B1	*B2*	*B3*	*B4*	*B5*	*B6*	*B7*	*B8*	*B9*	*B10*	*B11*	*B12*	*SC1*	*SC2*	*SC3*	*SC4*	*SC5*	*TOTAL*
October	10,486,700	5,293,300	11,076,100	8,650,200	9,693,100	12,154,300	13,016,300	6,028,700	6,781,100	11,675,500	4,561,600	8,254,900	1,433,320	2,308,400	4,244,500	2,140,600	4,164,900	121,963,520
November	9,985,400	4,909,000	10,594,200	8,298,800	9,333,200	11,656,000	11,464,100	5,706,000	6,450,500	11,092,300	4,178,500	7,902,800	1,290,210	1,376,100	3,913,600	1,950,200	3,716,600	113,817,510
December	10,466,900	4,941,600	11,086,500	8,569,600	9,866,600	12,151,900	10,967,300	5,890,300	6,709,500	11,577,100	4,212,900	7,935,400	588,320	1,227,400	4,060,800	1,980,000	3,940,500	116,172,620
January	10,584,200	5,284,000	11,080,900	8,635,400	9,878,400	12,101,000	10,419,100	5,934,900	6,883,300	11,372,600	4,145,400	8,296,600	1,387,570	1,250,800	4,265,400	2,230,500	4,178,200	117,928,270
February	9,961,500	4,874,700	10,269,200	8,213,600	9,060,500	10,990,700	8,572,700	5,349,600	6,200,100	10,110,300	3,185,900	7,052,700	1,031,420	2,123,700	4,120,900	2,175,400	4,038,400	107,331,320
March	10,738,100	4,940,500	11,069,300	8,687,400	9,819,500	12,070,000	9,154,300	5,830,700	6,860,600	11,316,500	4,019,900	8,239,700	450,700	2,234,200	4,421,800	2,262,100	4,422,200	116,537,500
April	10,070,000	4,630,100	10,940,800	8,496,200	7,212,800	11,620,400	7,426,600	5,652,400	6,818,200	10,688,200	4,332,500	8,082,800	546,290	2,347,500	4,303,100	1,754,300	4,344,800	109,266,990
May	9,793,900	4,637,200	10,465,200	9,057,200	7,747,800	11,788,000	6,858,000	5,779,500	7,015,500	10,904,800	4,902,000	8,019,000	190,440	2,156,800	4,434,900	1,892,400	4,474,500	110,117,140
June	10,401,000	4,419,500	10,580,000	8,713,000	8,216,300	11,870,700	5,933,400	5,576,400	6,765,100	10,620,000	4,552,000	7,730,600	162,490	1,154,000	4,219,200	1,744,900	4,381,300	107,039,890
July	10,809,800	4,274,100	10,523,600	8,556,300	8,274,500	11,737,700	6,494,000	5,488,800	6,561,300	10,460,200	4,055,500	8,175,500	71,860	2,227,900	4,201,900	1,682,400	4,421,000	108,016,360
August	10,772,600	4,173,800	10,675,600	8,677,300	8,427,400	12,075,800	5,921,100	5,519,500	6,582,800	10,607,700	4,118,300	7,605,300	0	2,266,100	4,302,200	1,714,900	4,613,200	108,053,600
September	10,977,800	3,172,700	10,756,800	8,558,100	8,627,900	12,269,000	3,804,600	5,425,900	6,638,000	10,398,100	4,080,600	7,752,600	0	2,130,500	4,355,000	1,883,700	4,687,200	105,518,500
TOTAL	125,047,900	55,550,500	129,118,200	103,113,100	106,158,000	142,485,500	100,031,500	68,182,700	80,266,000	130,823,300	50,345,100	95,047,900	7,152,620	22,803,400	50,843,300	23,411,400	51,382,800	1,341,763,220

	Volume of Water Pumped (gallons)																	
	B1	*B2*	*B3*	*B4*	*B5*	*B6*	*B7*	*B8*	*B9*	*B10*	*B11*	*B12*	*SC1*	*SC2*	*SC3*	*SC4*	*SC5*	*TOTAL*
1989	67,563,900	69,364,850	72,257,490	75,237,700	76,328,500	100,611,510	138,278,100	42,329,200	60,613,300	54,516,600	93,534,437	60,210,340	13,867,660	20,078,880	36,660,309	12,593,300	39,307,600	1,033,353,676
1990	70,722,300	69,450,060	73,633,450	80,511,000	71,897,000	105,220,300	117,609,400	40,747,900	59,883,400	95,227,900	40,939,800	63,867,460	11,281,750	19,278,830	35,609,300	15,260,500	37,275,400	1,008,415,750
1991	99,482,900	102,399,960	98,521,050	104,674,800	105,191,900	137,181,500	153,080,700	63,386,100	77,083,200	130,044,100	54,094,000	95,329,240	17,111,600	23,724,440	46,611,600	20,228,000	54,182,500	1,382,327,590
1992	103,612,700	105,175,800	104,103,100	105,741,800	106,869,400	140,681,700	155,934,000	61,053,000	78,498,200	129,041,800	52,635,900	93,170,000	17,472,600	21,165,900	50,254,500	22,045,100	53,891,100	1,401,346,600
1993	104,610,228	97,362,300	102,039,200	102,785,395	105,885,800	140,275,000	153,555,300	60,334,400	78,395,400	129,093,800	49,765,700	90,094,600	16,887,368	24,623,700	51,413,200	25,104,180	55,980,600	1,388,206,172
1994	99,994,100	75,083,100	98,156,900	91,607,800	93,671,400	126,439,100	140,213,900	63,403,400	71,130,200	115,719,700	48,857,400	87,868,300	17,351,750	19,244,100	45,125,400	20,715,000	46,698,300	1,261,279,850
1995	117,949,700	68,908,100	115,358,700	104,187,500	102,308,300	141,348,900	147,788,900	68,183,400	75,017,600	128,802,200	53,372,700	100,424,400	16,572,496	23,173,800	47,176,100	24,037,800	51,323,400	1,385,933,996
1996	125,047,900	55,550,500	129,118,200	103,113,100	106,158,000	142,485,500	100,031,500	68,182,700	80,266,000	130,823,300	50,345,100	95,047,900	7,152,620	22,803,400	50,843,300	23,411,400	51,382,800	1,341,763,220

Table IV-16

Fiscal Year 1996 Treatment Center
Water Meter Totals
TGRS, TCAAP

TABLE IV-16

FISCAL YEAR 1996 TREATMENT CENTER WATER METER TOTALS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

	Volume of Water Pumped (gallons)									
	Extraction Wells	*Meter 1*	*Meter 2*	*Total Meters 1 & 2*	*Meter 3*	*Meter 4*	*Total Meters 3 & 4*	*Meter 5*	*Meter 6*	*Total Meters 5 & 6*
October	121,963,520	63,609,000	60,742,000	124,351,000	52,006,000	64,868,000	116,874,000	0	54,484,000	54,484,000
November	113,817,510	60,405,000	56,082,000	116,487,000	48,323,000	61,268,000	109,591,000	0	51,145,000	51,145,000
December	116,172,620	62,682,000	56,045,000	118,727,000	47,569,000	64,281,000	111,850,000	1,000	52,072,000	52,073,000
January	117,928,270	63,105,000	56,818,000	119,923,000	45,920,000	67,221,000	113,141,000	0	51,991,000	51,991,000
February	107,331,320	59,128,000	50,274,000	109,402,000	42,544,000	60,683,000	103,227,000	0	47,721,000	47,721,000
March	116,537,500	62,417,000	55,698,000	118,115,000	46,263,000	65,410,000	111,673,000	1,000	51,783,000	51,784,000
April	109,266,990	60,499,000	50,203,000	110,702,000	42,306,000	62,568,000	104,874,000	0	48,545,000	48,545,000
May	110,117,140	61,927,000	49,562,000	111,489,000	39,804,000	66,028,000	105,832,000	0	49,119,000	49,119,000
June	107,039,890	60,419,000	49,207,000	109,626,000	37,850,000	66,399,000	104,249,000	1,000	48,677,000	48,678,000
July	108,016,360	60,125,000	49,564,000	109,689,000	44,456,000	59,720,000	104,176,000	0	48,629,000	48,629,000
August	108,053,600	59,238,000	50,073,000	109,311,000	47,163,000	56,731,000	103,894,000	1,000	48,501,000	48,502,000
September	105,518,500	60,889,000	45,059,000	105,948,000	9,314,000	59,222,000	68,536,000	0	47,368,000	47,368,000
Total	1,341,763,220	734,443,000	629,327,000	1,363,770,000	503,518,000	754,399,000	1,257,917,000	4,000	600,035,000	600,039,000

1989	1,033,353,676	501,826,000	560,836,000	1,062,662,000	383,736,000	587,596,000	971,332,000	493,681,000	582,955,000	1,076,636,000
1990	1,008,415,750	493,915,000	526,417,000	1,020,332,000	371,391,000	588,642,000	960,033,000	487,946,000	543,726,000	1,031,672,000
1991	1,382,327,590	666,166,000	708,313,000	1,374,479,000	523,702,000	789,947,000	1,313,649,000	601,307,000	649,621,000	1,250,928,000
1992	1,401,346,600	68,289,000	724,328,000	1,407,227,000	557,169,000	772,509,000	1,329,678,000	767,707,000	677,735,000	1,445,442,000
1993	1,388,206,172	666,814,000	725,341,000	1,392,155,000	504,027,000	651,149,000	1,155,176,000	729,078,000	762,791,000	1,491,869,000
1994	1,245,663,275	660,700,000	659,953,000	1,320,653,000	457,210,000	715,668,000	1,172,878,000	653,913,000	550,131,000	1,204,044,000
1995	1,369,361,500	706,114,000	683,982,000	1,390,096,000	500,275,000	739,744,000	1,240,019,000	495,616,000	274,507,000	770,123,000
1996	1,341,763,220	734,443,000	629,327,000	1,363,770,000	503,518,000	754,399,000	1,257,917,000	4,000	600,035,000	600,039,000

Table IV-17

Down Time Days
TGRS, TCAAP

TABLE IV-17

DOWN TIME DAYS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well Name	*1996 Days Down* [1]	*1995 Days Down*	*1994 Days Down* [2]	*1993 Days Down*	*1992 Days Down*	*1991 Days Down*	*1990 Days Down*
B1	0	5.4	27		6	9	7
B2	13.2	4.8	35	8	7	8	8
B3	0	6.7	28	6	6	20	5
B4	0	6.6	27	6	7	8	4
B5	0	3.8	27	7	7	10	4
B6	0	3.2	30	7	6	8	4
B7	13.8	2	28	6	5	7	4
B8	0	2.8	27	5	5	8	5
B9	0	3.4	27	5	5	8	8
B10	0	2.5	27	5	5	7	4
B11	6.1	2.6	29	6	7	8	6
B12	0	3.1	30	10	5	7	4
SC1	102.5	0.2	29	9	6	11	
SC2	4	1.8	31	7	8	7	5
SC3	0.4	0.5	28	5	7	7	4
SC4	0.4	0.9	27	6	7	7	4
SC5	0.4	0.5	29	6	7	7	4

Notes:

[1] Does not include down time caused by treatment system failure

[2] Includes 26.7 days down time for maintenance painting of TGRS

Table IV-18

Fiscal Year 1996 Down Time (Days)
TGRS, TCAAP

TABLE IV-18

FISCAL YEAR 1996 DOWN TIME (DAYS)
TGRS, TCAAP

Category	*Down Time (Days)*	*% of Total*	*Affected Wells/System*
System Modifications	0	0%	Treatment Center
System Modifications	0	0%	Pumphouses
Trouble Shooting/Repairs	1.8	2%	Treatment Center
Trouble Shooting/Repairs	2.3	2%	Pumphouses
Preventive Maintenance	0	0%	Entire System
TCAAP Electrical System Failure	0.09	0%	Pumphouses
SC1 Forcemain and Misc. Repairs	102.5	96%	SC1
Total Days Down	106.69	100%	

Anticipated Down Time for Fiscal Year 1997

System Modifications	0	Treatment Center, Wells and Forcemain
Trouble Shooting/Repairs	3	Wells
Trouble Shooting/Repairs	2	Treatment Center
Preventative Maintenance	0.1	Wells
Preventative Maintenance	0.1	Treatment Center
Preventative Maintenance	0.1	Forcemain
TCAAP Electrical System Failure	2	Entire System

Table IV-19

VOC Mass Loading Summary
TGRS, TCAAP

TABLE IV-19

VOC MASS LOADING SUMMARY
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*% Contribution to VOC Mass Removal*	*FY 1996 Total Pounds VOC Mass Removed*
B1	3.2	341
B2	0.7	75
B3	0.4	43
B4	18.5	1,973
B5	29.8	3,178
B6	7.8	831
B7	0.02	2
B8	0.30	32
B9	2	213
B10	0.1	11
B11	0.03	3
B12	0.02	2
SC1	0.6	64
SC2	1.2	128
SC3	0.2	21
SC4	0.05	5
SC5	35.1	3,743
	FY 1996 Total	10,665
	Daily Average	36.6 lbs/day

HISTORICAL TOTAL

Fiscal Year		*Pounds VOC Mass Removed*
1996		10,655
1995		13,355
1994		15,070
1993		20,165
1992		24,527
1991		26,760
1990		18,005
1989	(First year of full scale system)	19,510
1988		4,800
1987		2,100
Total		154,947

Table IV-20

Fiscal Year 1994 - Fiscal Year 1996
VOC Concentrations in TGRS Extraction Wells
TGRS, TCAAP

TABLE IV-20

FISCAL YEAR 1994 THROUGH 1996 VOC CONCENTRATIONS IN TGRS EXTRACTION WELLS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	Date	111TCE	112TCE	11DCE	11DCLE	12DCE	12DCLE	12DCLP	C12DCE	C2H3CL	CCL4	CH2CL2	CHCL3	T12DCE	TCLEE	TCLTFE	TRCLE
03F302	3/3/94	< 20	< 20	< 20	< 16	< 10 J	< 10	< 20		< 38	< 26	< 64	< 14	< 3 T	< 20	< 20	430
(B-1)	9/7/94	16	< 10	< 10	5.8 1	16	< 5	< 10		< 19	< 13	< 32	< 7.2	< 3 T	< 10	< 10	520
	3/14/95	15	< 10	< 10	< 7.8	13	< 5	< 10		< 19	< 13	< 32	< 7.2	< 3 TD	< 10	< 10	400
	3/14/95	15 D	< 10 D	< 10 D	4.1 1D	14 D	< 5 D	< 10 D		< 19 D	< 13 D	< 32 D	< 7.2 D	< 180 T	< 10 D	< 10 D	390 D
	9/11/95	19 1	< 20	< 20	< 16	8.9 1	< 10	< 20		< 38	< 26	< 64	< 14	< 180 TD	< 20	< 20	360
	9/11/95	17 1D	< 20 D	< 20 D	< 16 D	8.9 1D	< 10 D	< 20 D		< 38 D	< 26 D	< 64 D	< 14 D		< 20 D	< 20 D	360 D
	6/6/96	13.7	< 0.78	< 1.7	2.8	12.2	< 1.1	< 1		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75 J	< 1	320
	9/10/96	16.8	< 0.78	3.85	3.71	19.1	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		1.75	< 1 T	380
03F303	3/3/94	48	< 10	< 10	< 7.8	< 5 J	< 5	< 10		< 19	< 13	< 32	< 7.2	< 3 T	< 10	< 10	250
(B-2)	9/7/94	41	2.5	9.3	4.6	4.6	1.3	< 2		< 3.8	< 2.6	< 6.4	0.78 1	< 0.6 T	5.1	< 2	160
	9/7/94	41 D	2.5 D	8.6 D	4.6 D	4.6 D	1.2 D	< 2 D		< 3.8 D	< 2.6 D	< 6.4 D	< 1.4 D	< 0.6 TD	4.9 D	< 2 D	180 D
	3/14/95	33	< 5	8.6	5.2	3.5	< 2.5	< 5		< 9.5	< 6.5	< 16	< 3.6	< 1.5 T	3.8 1	< 5	120
	9/11/95	36	< 5	8.1	4.5	3.2	< 2.5	< 5		< 9.5	< 6.5	< 16	< 3.6	< 44 T	5 1	< 5	140
	6/6/96	23.1	3.81	6.87	5.74	2.42	< 1.1	< 1		< 1.01	< 0.99	< 7.4	< 0.5		2.08 J	< 1	106
	9/10/96	24.7	< 0.78	12.6	7.24	6.57	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		4.75	< 1 T	135
03F304	3/3/94	39.2	< 1	5.47	2.74	< 0.5 J	0.715	< 1		< 1.9	< 1.3		< 0.72	< 0.3 T	< 1	< 1	17.6
(B-3)	9/7/94	38.2	1.05	8.94	3.98	0.466 1	0.965	< 1		< 1.9	< 1.3		< 0.72	< 0.3 T	< 1	< 1	31.5
	3/14/95	17.9	0.641 1	4.92	3.76	0.417 1	< 0.5	< 1		< 1.9	< 1.3		< 0.72	< 0.3 T	< 1	< 1	19.5
	9/11/95	19.3	< 1	6.28	4.06	0.571	< 0.5	< 1		< 1.9	< 1.3		< 0.72	< 8.82 T	< 1	< 1	27.4
	6/6/96	12.9	< 0.78	2.51	3.27	< 0.76	< 1.1	< 1		< 1.01	< 0.99		< 0.5		< 0.75 J	< 1	20.1
	9/10/96	13.8	< 0.78	5.85	4.09	1.44	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	27.1
03F305	3/3/94	910	< 100	< 100	130	< 50 J	< 50	< 100		< 190	< 130	< 320	< 72	< 30 T	< 100	< 100	2800
(B-4)	9/7/94	820	< 50	160	160	65	< 25	< 50		< 95	< 65	< 160	< 36	< 15 T	< 50	< 50	2600
	3/14/95	620	< 50	130	150	< 25	< 25	< 50		< 95	< 65	< 160	< 36	< 15 T	< 50	< 50	1900
	9/11/95	590	< 100	110 1	120	62	< 50	< 100		< 190	< 130	< 320	< 72	< 880 T	< 100	< 100	2300
	6/6/96	340	< 0.78	106	136	79	6.16	< 1		< 1.01	< 0.99	< 7.4	7.31		< 0.75 J	< 1	1400
	9/10/96	400	< 0.78	142	154	129	4.2	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	2100
03F306	3/3/94	1100	< 200	< 200	< 160	< 100 J	< 100	< 200		< 380	< 260	< 640	< 140	< 60 T	< 200	< 200	4900
(B-5)	3/3/94	1200 D	< 200 D	< 200 D	< 160 D	< 100 DJ	< 100 D	< 200 D		< 380 D	< 260 D	< 640 D	< 140 D	< 60 TD	< 200 D	< 200 D	5600 D
	9/7/94	820	< 100	140	71 1	< 50	< 50	< 100		< 190	< 130	< 320	< 72	< 30 T	< 100	< 100	4900
	3/14/95	670	< 100	130	57 1	< 50	< 50	< 100		< 190	< 130	< 320	< 72	< 30 T	< 100	< 100	3400
	9/11/95	620	< 50	110	63	< 25	< 25	< 50		< 95	< 65	< 160	< 36	< 15 T	< 50	< 50	4300
	6/6/96	370	< 0.78	98.2	78.3	13.8	1.41	< 1		< 1.01	< 0.99	< 7.4	1.02		1.09 J	7.25 Z	3100
	9/10/96	400	< 0.78	137	95.4	22.5	1.93	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		2.68	7.08 Z	3700
03F307	3/3/94	210	< 50	< 50	< 39	< 25 J	< 25	< 50		< 95	< 65	< 160	< 36	< 15 T	< 50	< 50	1600
(B-6)	9/7/94	120	< 20	39	42	7.6 1	< 10	< 20		< 38	< 26	< 64	< 14	< 6 T	< 20	< 20	1400
	3/14/95	93	< 20	30	30	< 10	< 10	< 20		< 38	< 26	< 64	< 14	< 6 T	< 20	< 20	770
	9/11/95	65	< 1	23.1	26.7	4.43	0.775	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 8.82 T	1.19	< 1	840
	6/6/96	41.9	< 0.78	20.2	26.2	8.13	< 1.1	< 1		< 1.01 I	< 0.99	< 7.4	< 0.5		< 0.75	1.21 Z	670
	9/10/96	40.1	< 0.78	24.4	28.4	8.33	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	1.28 Z	640

TABLE IV-20

FISCAL YEAR 1994 THROUGH 1996 VOC CONCENTRATIONS IN TGRS EXTRACTION WELLS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	Date	111TCE	112TCE	11DCE	11DCLE	12DCE	12DCLE	12DCLP	C12DCE	C2H3CL	CCL4	CH2CL2	CHCL3	T12DCE	TCLEE	TCLTFE	TRCLE
03F308	3/3/94	< 1	< 1	< 1	< 0.78	< 0.5 J	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	5.41
(B-7)	9/7/94	< 1	< 1	< 1	< 0.78	< 0.5	0.948	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	5.21
	3/14/95	0.585 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	3.18
	9/11/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	3.56
	6/6/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1		< 1.01 I	< 0.99	< 7.4	< 0.5		< 0.75	< 1	3.04
	9/10/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	2.93
PJ#309	3/3/94	11.2	< 1	2.5	4.78	0.841 J	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	92
(B-8)	9/7/94	8.16	< 1	2.63	3.69	0.969	0.864	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	73
	3/14/95	7.17	< 1	2.09	2.93	0.704	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	49
	9/11/95	6.44	< 1	1.9	2.47	0.656	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72		< 1	< 1	56
	6/6/96	4.56	< 0.78	< 1.7	1.96	< 0.76	< 1.1	< 1		< 1.01 I	< 0.99	< 7.4	< 0.5		< 0.75	< 1	43.4
	9/10/96	4.45	< 0.78	1.94	2.42	1.13	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	49.8
	9/10/96	4.22 D	< 0.78 D	< 1.7 D	2.28 D	0.897 D	< 1.1 D	< 1 DT		< 1.01 D	< 0.99 D	< 7.4 D	< 0.5 D		< 0.75 D	< 1 DT	49.6
PJ#310	3/3/94	180	< 20	< 20	< 16	< 10 JR	< 10	< 20		< 38	< 26	< 64	< 14	< 3 T	< 20	< 20	450
(B-9)	9/7/94	71	< 10	15	15	4.2 1	< 5	< 10		< 19	< 13	< 32	< 7.2	< 3 T	< 10	< 10	380
	3/14/95	77	< 10	18	15	3.6 1	< 5	< 10		< 19	< 13	< 32	< 7.2	< 180 T	< 10	< 10	330
	9/11/95	78	< 20	16 1	< 16	< 10	< 10	< 20		< 38	< 26	< 64	< 14		< 20	< 20	340
	6/6/96	41	< 0.78	11	9.27	3.51	< 1.1	< 1		< 1.01 I	< 0.99	< 7.4	< 0.5		< 0.75	< 1	290
	9/10/96	44.5	< 0.78	17.2	10.7	4.73	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	290
PJ#311	3/3/94	4.02	< 1	< 1	< 0.78	< 0.5 JR	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	19.2
(B-10)	9/7/94	3.05	< 1	0.636 1	< 0.78	< 0.5	0.782	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	22.6
	3/14/95	2.29	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	13.7
	9/11/95	2.99	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72		< 1	< 1	14.7
	6/6/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1		< 1.01 I	< 0.99	< 7.4	< 0.5		< 0.75	< 1	10.9
	9/10/96	1.41	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	14.6
03F312	3/3/94	< 1	< 1	< 1	< 0.78	< 0.5 JR	0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	16.1
(B-11)	9/7/94	< 1	< 1	< 1	0.585 1	0.363 1	< 0.855	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	13.6
	3/14/95	< 1	1	< 1	< 0.78	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	8.2
	9/11/95	< 1	1	< 1	< 0.78	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 8.82 T	< 1	< 1	9.46
	6/6/96	< 0.76	0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75 J	< 1	4.05
	6/6/96	< 0.76 D	< 0.78 D	< 1.7 D	< 0.73 D	< 0.76 D	< 1.1 D	< 1 D		< 1.01 D	< 0.99 D	< 7.4 D	< 0.5 D		< 0.75 DJ	< 1 D	3.96 D
	9/10/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	7.47
PJ#313	3/3/94	< 1	< 1	< 1	< 0.78	< 0.5 JR	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	4.47
(B-12)	9/7/94	< 1	< 1	< 1	< 0.78	< 0.5	0.908	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	3.84
	3/14/95	0.529 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	2.51
	9/11/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 TD	< 1	< 1	2.61
	9/11/95	< 1 D	< 1 D	< 1 D	< 0.78 D	< 0.5 D	< 0.5 D	< 1 D		< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D		< 1 D	< 1 D	2.61 D
	6/6/96	< 0.76	< 0.78	< 1.7 J	< 0.73	< 0.76	< 1.1	< 1		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1	2.7 MIR
	9/10/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	2.25

TABLE IV-20

FISCAL YEAR 1994 THROUGH 1996 VOC CONCENTRATIONS IN TGRS EXTRACTION WELLS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	Date	111TCE	112TCE	11DCE	11DCLE	12DCE	12DCLE	12DCLP	C12DCE	C2H3CL	CCL4	CH2CL2	CHCL3	T12DCE	TCLEE	TCLTFE	TRCLE
03U301	3/3/94	< 50	< 50	< 50	< 39	60 JR	< 25	< 50		< 95	< 65	< 160	< 36	< 15 T	< 50	< 50	1800
(SC-1)	3/3/94	< 50 D	< 50 D	< 50 D	< 39 D	49 DJR	< 25 D	< 50 D		< 95 D	< 65 D	< 160 D	< 36 D	< 15 TD	< 50 D	< 50 D	1800 D
	9/7/94	51	< 50	< 50	< 39	100	< 25	< 50		< 95	< 65	< 160	24 1	< 15 T	< 50	< 50	1800
	3/14/95	26	< 25	< 25	< 20	65	< 13	< 25		< 48	< 33	< 80	< 18	< 7.5 T	< 25	< 25	780
	9/11/95	< 50	< 50	< 50	< 39	71	< 25	< 50		< 95	< 65	< 160	< 36	< 440 T	< 50	< 50	1300
	6/12/96	45.7	< 0.78	4.36 J	1 35	108	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	1200
03U314	3/3/94	570	< 50	< 50	< 39	< 25 JR	< 25	< 50		< 95	< 65	< 3.2	< 36	< 15 T	< 50	< 50	1300
(SC-2)	9/7/94	450	< 1	70	36	13.9	1.86	< 1		< 1.9	1.15 1	< 64	0.507 1	< 0.3 T	< 1	< 1	1100
	3/14/95	250	< 20	35	27	7.2 1	< 10	< 20		< 38	< 26	< 64	< 14	< 6 T	< 20	< 20	670
	9/11/95	270	< 20	37	13 1	< 10	< 10	< 20		< 38	< 26	< 7.4	< 14	< 180 T	< 20	< 20	600
	6/6/96	131	< 0.78	21.1 J	16.9	5.84	< 1.1	< 1		< 1.01	< 0.99		< 0.5		< 0.75	< 1	500 MIR
	9/10/96	199	< 0.78	32.4	13.3	6.52	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	470
	9/10/96	203 D	< 0.78 D	32.8 D	12.5 D	4.63 D	< 1.1 D	< 1 DT		< 1.01 D	< 0.99 D	< 7.4 D	< 0.5 D		< 0.75 D	< 1 DT	470 D
03U315	3/3/94	45	< 5	< 5	< 3.9	< 2.5 JR	< 2.5	< 5		< 9.5	< 6.5	< 16	< 3.6	< 1.5 T	< 5	< 5	110
(SC-3)	9/7/94	33.2	< 1	3.2	1.61	< 0.5	0.779	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	69
	3/14/95	18.1	< 1	2.52	1.12	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	41.6
	9/11/95	21.2	< 1	3.19	0.659 1	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	< 0.72	< 8.82 T	< 1	< 1	51.3
	6/6/96	14.8	< 0.78	2.27 J	< 0.73	< 0.76	< 1.1	< 1		< 1.01	< 0.99	< 7.4	0.625		< 0.75	< 1	43.3 MIR
	9/10/96	14.2	< 0.78	2.2	< 0.73	< 0.76	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	0.765		< 0.75	< 1 T	38
03U316	3/3/94	14.1	< 1	1.26	1.29	< 0.5 JR	< 0.5	< 1		< 1.9	< 1.3	< 3.2	3.02	< 0.3 T	< 1	< 1	23.2
(SC-4)	9/7/94	10.2	< 1	2.16	2	0.343 1	0.985	< 1		< 1.9	< 1.3	< 3.2	3.12	< 0.3 TD	< 1	< 1	24.2
	9/7/94	9.61 D	< 1 D	2.05 D	1.88 D	0.336 ID	0.48 ID	< 1 D		< 1.9 D	< 1.3 D	< 3.2 D	2.88 D	< 0.3 T	< 1 D	< 1 D	23 D
	3/14/95	7.64	< 1	1.57	1.46	< 0.5	< 0.5	< 1		< 1.9	< 1.3	< 3.2	1.51	< 0.3 TD	< 1	< 1	14.4
	3/14/95	6.91 D	< 1 D	1.26 D	1.25 D	< 0.5 D	< 0.5 D	< 1 D		< 1.9 D	< 1.3 D	< 3.2 D	1.3 D	< 0.3 T	< 1 D	< 1 D	12.4 D
	9/11/95	9.92	< 1	1.92	1.38	0.294 1	< 0.5	< 1		< 1.9	< 1.3	< 3.2	1.39		< 1	< 1	19.4
	6/6/96	6.52	< 0.78	< 1.7 J	1.19	< 0.76	< 1.1	< 1		< 1.01	< 0.99	< 7.4	1.39		< 0.75	< 1	19.7 MIR
	6/6/96	6.67 D	< 0.78 D	< 1.7 DJ	1.16 D	< 0.76 D	< 1.1 D	< 1 D		< 1.01 D	< 0.99 D	< 7.4 D	1.47 D		< 0.75 D	< 1 D	23 DMIR
	9/10/96	7.71	< 0.78	< 1.7	1.27	< 0.76	< 1.1	< 1 T		< 1.01	< 0.99	< 7.4	1.53		< 0.75	< 1 T	24.4
03U317	3/3/94	4900	< 250	< 250	< 200	< 130 JR	< 130	< 250		< 480	< 330	< 800	< 180	< 60 T	< 250		15000 8
(SC-5)	9/7/94	3100	< 500	< 500	< 390	< 250	< 250	< 500		< 950	< 650	< 1600	< 360	< 3 T	< 500		12000
	3/14/95	2300	< 200	120 1	< 160	< 100	< 100	< 200		< 380	< 260	< 640	< 140		< 200		6700
	9/11/95	2800	< 10	33	40	6	8.6	< 10		< 19	< 13	< 32	< 7.2		25		8400
	6/6/96	1800	< 0.78	94.9 J	35.7	6.02	3.07	< 1		< 1.01	< 0.99	< 7.4	1.45		16.3		7400 MIR
	9/10/96	2200	< 0.78	145	39.3	6.62	2.55	< 1 T		< 1.01	< 0.99	< 7.4	1.34		15.5		8000

Notes:
Units in µg/L
1 - Results less than Certified Reporting Limit but greater than Criteria of Detection
D - Duplicate analysis
I - The low spike recovery is high
J - Value is estimated
M - The high spike recovery is high
T - Non-target compound analyzed for but not detected (non-GC/MS methods)
Y - Non-target compound analyzed for and detected (non-GC/MS methods)

Table IV-21

Fiscal Year 1996 TGRS Treatment System Analytical Summary TGRS, TCAAP

TABLE IV-21

FISCAL YEAR 1996 TGRS TREATMENT SYSTEM ANALYTICAL SUMMARY
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Site ID	Sample Date	111TCE		112TCE		11DCE		11DCLE		12DCE		12DCLE		12DCLP		C2H3CL		CCL4		CH2CL2		CHCL3		T12DCE		TCLEE		TCLTFE		TRCLE	
TGRSE	10/3/95	0.62	1	< 1		< 1		< 0.78		< 0.5		< 0.5		< 1		< 1.9		< 1.3		< 3.2		< 0.72		< 0.3	T	< 1		< 1		0.99	
TGRSE	10/3/95	< 1	D	< 1	D	< 1	D	< 0.78	D	< 0.5	D	< 0.5	D	< 1	D	< 1.9	D	< 1.3	D	< 3.2	D	< 0.72	D	< 0.3	T	< 1	D	< 1	D	0.97	D
TGRSE	11/7/95	< 1		< 1		< 1		< 0.78		< 0.5		< 0.5		< 1		< 1.9		< 1.3		< 3.2		< 0.72		< 0.3	T	< 1		< 1		0.98	
TGRSE	11/7/95	< 1	D	< 1	D	< 1	D	< 0.78	D	< 0.5	D	< 0.5	D	< 1	D	< 1.9	D	< 1.3	D	< 3.2	D	< 0.72	D	< 0.3	TD	< 1	D	< 1	D	0.96	D
TGRSE	12/5/95	< 1	D	< 1	D	< 1	D	< 0.78	D	< 0.5	D	< 0.5	D	< 1	D	< 1.9	D	< 1.3	D	3.06	D	< 0.72	D	< 0.3	TD	< 1	D	< 1	D	0.52	1D
TGRSE	12/5/95	< 1		< 1		< 1		< 0.78		< 0.5		< 0.5		< 1		< 1.9		< 1.3		< 3.2		< 0.72		< 0.3	T	< 1		< 1		0.5	1
TGRSE	1/2/96	< 1		< 1		< 1		< 0.78		< 0.5	I	< 0.5		< 1		< 1.9		< 1.3		< 3.2		< 0.72		< 0.3	T	< 1		< 1		< 0.5	
TGRSE	1/2/96	< 1		< 1		< 1		< 0.78		< 0.5	I	< 0.5		< 1		< 1.9		< 1.3		< 3.2		< 0.72		< 0.3	T	< 1		< 1		< 0.5	
TGRSE	2/6/96	< 1	?	< 1	?	< 1	?	< 0.78	?	< 0.5	?	< 0.5	?	< 1	?	< 1.9	?	< 1.3	?	< 3.2	?	< 0.72	?	< 0.3	T?	< 1	?	< 1	?	0.49	1?
TGRSE	2/6/96	< 1	D?	0.54	1D?	< 1	D?	< 0.78	D?	< 0.5	D?	< 0.5	D?	< 1	D?	< 1.9	D?	< 1.3	D?	< 3.2	D?	< 0.72	D?	< 0.3	TD?	< 1	D?	< 1	D?	0.73	D?
TGRSE	3/7/96	< 1	?	< 1	?	< 1	?	< 0.78	?	< 0.356	?	< 0.5	?	< 1	?	< 1.9	?	< 1.3	?	< 3.2	?	< 0.72	?	< 0.3	T?	< 1	?	< 1	?	0.55	?
TGRSE	3/7/96	< 1	D?	< 1	D?	< 1	D?	< 0.78	D?	< 0.5	D?	< 0.5	D?	< 1	D?	< 1.9	D?	< 1.3	D?	< 3.2	D?	< 0.72	D?	< 0.3	TD?	< 1	D?	< 1	D?	0.5	D?
TGRSE	4/2/96	< 1	?	< 1	?	< 1	?	< 0.78	?	< 0.5	?	< 0.5	?	< 1	?	< 1.9	?	< 1.3	?	< 3.2	?	< 0.72	?	< 0.3	T?	< 1	?	< 1	?	0.45	1?
TGRSE	4/2/96	< 1	D?	< 1	D?	< 1	D?	< 0.78	D?	< 0.5	D?	< 0.5	D?	< 1	D?	< 1.9	D?	< 1.3	D?	< 3.2	D?	< 0.72	D?	< 0.3	TD?	< 1	D?	< 1	D?	0.42	1D?
TGRSE	5/7/96	< 1	D?	< 1	D?	< 1	D?	< 0.78	D?	< 0.5	D?	< 0.5	D?	< 1	D?	< 1.9	D?	< 1.3	D?	< 3.2	D?	< 0.72	D?	< 0.3	TD?	< 1	D?	< 1	D?	< 0.5	D?
TGRSE	5/7/96	< 1	?	< 1	?	< 1	?	< 0.78	?	< 0.5	?	< 0.5	?	< 1	?	< 1.9	?	< 1.3	?	< 3.2	?	< 0.72	?	< 0.3	T?	< 1	?	< 1	?	< 0.5	?
TGRSE	6/4/96	< 1		< 1		< 1		< 1		< 5		< 1		< 1		< 12		< 1		< 1		< 1				< 1				< 1	
TGRSE	7/2/96	< 0.76		< 0.78		< 1.7		< 0.73		< 0.76		< 1.1		< 1	T	< 1.01		< 0.99		< 7.4		< 0.5				< 0.75		< 1	T	< 0.56	
TGRSE	7/2/96	< 0.76	D	< 0.78	D	< 1.7	D	< 0.73	D	< 0.76	D	< 1.1	D	< 1	DT	< 1.01	D	< 0.99	D	< 7.4	D	< 0.5	D			< 0.75	D	< 1	DT	< 0.56	D
TGRSE	8/9/96	< 0.76		< 0.78		< 1.7		< 0.73		< 0.76		< 1.1		< 1	T	< 1.01		< 0.99		< 7.4		< 0.5				< 0.75		< 1	T	< 0.56	
TGRSE	8/9/96	< 0.76	D	< 0.78	D	< 1.7	D	< 0.73	D	< 0.76	D	< 1.1	D	< 1	DT	< 1.01	D	< 0.99	D	< 7.4	D	< 0.5	D			< 0.75	D	< 1	DT	< 0.56	D
TGRSE	9/3/96	< 0.76		< 0.78		< 1.7		< 0.73		< 0.76		< 1.1		< 1	T	< 1.01		< 0.99		< 7.4		< 0.5				< 0.75		< 1	T	< 0.56	
TGRSE	9/3/96	< 0.76	D	< 0.78	D	< 1.7	D	< 0.73	D	< 0.76	D	< 1.1	D	< 1	TD	< 1.01	D	< 0.99	D	< 7.4	D	< 0.5	D			< 0.75	D	< 1	TD	< 0.56	D
TGRSI	10/3/95	200		1.01	1	29.2		19.3		7.95		0.9		< 1		< 1.9		< 1.3		16.1		0.62	1	< 0.3	T	2.36		1.49		800	
TGRSI	11/7/95	170		< 25		23	1	22		12	1	< 25		< 13		< 48		< 33		< 80		< 18		< 7.5	T	< 25		< 25		710	
TGRSI	12/5/95	140		< 25		23	1	21		18		< 13		< 25		< 48		< 33		110		< 18		< 7.5	T	< 25		< 25		670	
TGRSI	1/2/96	170		< 25		25	1	21		18	I	< 13		< 25		< 48		< 33		< 80		< 18		< 7.5	T	< 25		< 25		640	
TGRSI	2/6/96	160	?	< 20	?	12	1?	16	?	8.9	1?	< 10	?	< 20	?	< 38	?	< 26	?	< 64	?	< 14	?	< 6	T?	< 20	?	< 20	?	790	?
TGRSI	3/7/96	7.4	?	< 1	?	0.77	1?	0.8	?	0.4	1?	< 0.5	?	< 1	?	< 1.9	?	< 1.3	?	< 3.2	?	< 0.72	?	< 0.3	T?	< 1	?	< 1	?	31	?
TGRSI	4/2/96	160	?	< 20	?	19	1?	21	?	9.8	1?	< 10	?	< 20	?	< 38	?	< 26	?	< 64	?	< 14	?	< 6	T?	< 20	?	< 20	?	770	?
TGRSI	5/7/96	160	?	< 20	?	12	1?	17	?	6.3	1?	< 10	?	< 20	?	< 38	?	< 26	?	< 64	?	< 14	?	< 6	T?	< 20	?	< 20	?	730	?
TGRSI	6/4/96	134		< 0.78		19.9		20.8		13		< 1.1		< 1		< 1.01		< 0.99		< 7.4		< 0.5				0.987		1.27	Z	890	
TGRSI	7/2/96	146		< 0.78		25.5		22.7		13.2		< 1.1		< 1	T	< 1.01		< 0.99		< 7.4		< 0.5				1.03		2.37	Z	563	XJ
TGRSI	8/9/96	151		< 0.78		22.5		22.5		15.1		< 1.1		< 1	T	< 1.01		< 0.99		< 7.4		< 0.5				< 0.75		< 1.5	T	598	XJ
TGRSI	9/3/96	140		< 0.78		25.8		22.5		12.9		< 1.1		< 1	T	< 1.01		< 0.99		< 7.4		< 0.5				0.978		2.4	Z	710	

Notes:

Units in µg/L

? Control chart not yet approved by USAEC
D Duplicate analysis
I The low-spike recovery is high
J Value is estimated
M The high spike recovery is high
T Non-target compound analyzed for but not detected (non-GC/MS methods)
X Analyte concentration is above the upper reporting level
Z Non-target compound analyzed for and detected (non-GS/MS methods)
1 Result is less than Certified Reporting Limit, but greater than Criteria of Detection

Table IV-22

Historical Treatment System
Metals and Cyanide Concentrations
TGRS, TCAAP

TABLE IV-22

HISTORICAL TREATMENT SYSTEM METALS AND CYANIDE CONCENTRATIONS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Date*	*Antimony*	*Arsenic*	*Barrium*	*Cadmium*	*Cobalt*	*Chromium*	*Copper*	*Cyanide*	*Mercury*
TGRSE	11/11/87		< 1	69	< 5		< 10	< 25		< 0.4
TGRSE	12/1/87		1	297	< 5		< 10	< 25		< 0.4
TGRSE	12/29/87		< 1	72	< 5		< 10	< 25	< 5	2.8
TGRSE	1/19/88		1	250	< 5		< 10	105	< 5	< 0.4
TGRSE	4/28/88		7.6	310	< 5		< 10	54	< 5	< 0.4
TGRSE	5/24/88		0.11	364	< 5		< 10	35	< 23	< 0.4
TGRSE	6/22/88		11	466	12		28	97	< 5	< 0.4
TGRSE	7/19/88		2	63	< 5		< 10	25	< 5	< 0.4
TGRSE	8/25/88		4	123	< 5		< 10	117	< 5	< 0.4
TGRSE	9/21/88		2	138	< 5		< 10	124	< 5	< 0.4
TGRSE	10/24/88		1	89	< 5		< 10	< 25	< 5	< 0.4
TGRSE	4/20/89		3	300	0.3		1	80	< 10	< 0.2
TGRSE	7/19/89		< 2	200	0.2		2	20	< 10	< 0.2
TGRSE	7/19/89		< 2	500	0.2		8	10		< 0.2
TGRSE	10/12/89	< 5	< 50	570	< 8	< 15	< 9	140	< 10	< 0.2
TGRSE	10/12/89	< 41								
TGRSE	1/19/90		< 5	600	< 8		< 9	47	< 10	< 0.2
TGRSE	4/10/90		< 2	300	< 10		< 100	50	< 17	< 0.2
TGRSE	5/8/90		< 0	70	< 10		< 10	< 10	< 10	< 0
TGRSE	7/13/90		< 0	< 200	< 10		< 100	40	0 20	< 0
TGRSE	8/14/90		< 0	600	0.3		< 0	180	< 10	< 0
TGRSE	9/12/90		< 2	530	0.1		2	89	< 10	< 0.2
TGRSE	10/15/90		< 6.01	1800	< 0.37		< 2.5	12.4		< 0.74
TGRSE	11/13/90		< 6.01	150	< 0.37		< 2.5	< 1.56		< 0.74
TGRSE	12/11/90		< 6.01	130	< 0.37		< 2.5	< 1.56		< 0.74
TGRSE	1/11/91	< 37.1	< 6.01	120	< 0.37	< 25	< 2.5	5.23		< 0.74
TGRSE	1/11/91			105						
TGRSE	2/13/91		< 6.01	157	< 5		< 15	< 20		< 0.74
TGRSE	3/19/91	< 37.1	< 6.01	415	< 5	< 25	< 15	37.1	< 8.17	< 0.74
TGRSE	3/19/91									
TGRSE	4/10/91		< 6.01	141	< 5		< 15	113	< 8.17	
TGRSE	5/7/91	< 25.5	< 6.01	103	< 5		< 15	29.1	< 8.17	
TGRSE	6/4/91	< 37.1	< 6.01	92.7	< 5	< 25	< 15	< 20	< 8.17	< 0.74
TGRSE	6/4/91									
TGRSE	7/2/91	< 37.1	< 6.01	215	< 5	< 25	< 15	< 20	< 8.17	< 0.74
TGRSE	7/2/91									
TGRSE	8/6/91	< 37.1	< 6.01	109	< 5	< 25	< 15	35.1	< 8.17	< 0.74
TGRSE	8/6/91								< 8.17 D	
TGRSE	9/5/91	< 37.1	< 6.01	101	< 5	< 25	< 15	< 20	< 8.17	< 0.74
TGRSE	9/5/91									
TGRSE	10/1/91	< 37.1	< 6.01	116	< 5	< 25	< 15	< 20	< 8.17	< 0.74
TGRSE	10/1/91									

TABLE IV-22

HISTORICAL TREATMENT SYSTEM METALS AND CYANIDE CONCENTRATIONS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Date*	*Antimony*	*Arsenic*	*Barrium*	*Cadmium*	*Cobalt*	*Chromium*	*Copper*	*Cyanide*	*Mercury*
TGRSE	11/11/87		< 1	69	< 5		< 10	< 25		< 0.4
TGRSE	11/5/91		< 6.01		< 5		< 15	< 20	< 8.17	< 0.74
TGRSE	11/5/91								< 8.17 D	
TGRSE	12/4/91		< 6.01		< 5		< 15	65.3	0 10.3	< 0.74
TGRSE	1/9/92		< 6.01		< 5		< 15	35.1		< 0.74
TGRSE	2/4/92		< 6.01		< 5		< 15	< 20		< 0.74
TGRSE	3/3/92	< 37.1	< 6.01	96.8	< 5	< 25	< 15	< 20	< 8.17	< 0.74
TGRSE	3/3/92									
TGRSE	4/7/92		< 6.01		< 3.38		< 15	< 20		< 0.74
TGRSE	5/5/92		< 6.01		< 5		< 142	< 138		< 0.74
TGRSE	6/2/92		< 6.01		< 5		< 15	25.1		< 0.74
TGRSE	7/7/92		< 6.01		< 5		< 15	32.1		< 0.74
TGRSE	7/16/92									
TGRSE	7/16/92									
TGRSE	7/21/92									
TGRSE	8/4/92	< 37.1	< 6.01	122	< 5	< 25	< 15	< 20		< 0.74
TGRSE	8/4/92									
TGRSE	9/1/92	< 37.1	< 6.01	101	< 5	< 25	< 15	< 20		< 0.74
TGRSE	9/1/92									
TGRSE	10/6/92		< 6.01							
TGRSE	11/3/92				< 5		< 15	< 20		< 0.74
TGRSE	12/4/92		< 6.01		< 5		< 15	< 20		< 0.74
TGRSE	1/5/93		< 6.01		< 5		< 15	< 20		< 0.74
TGRSE	2/2/93		< 6.01		< 5		< 15	< 20		< 0.74
TGRSE	3/2/93	< 37.1	< 6.01	373	< 5	< 25	< 15	24.1	< 8.17	< 0.74
TGRSE	3/2/93									
TGRSE	4/7/93		< 6.01		< 5		< 15	95.4		< 0.74
TGRSE	5/5/93		< 6.01		< 5		< 15	< 20		< 0.74
TGRSE	6/1/93		< 6.01		< 5		< 15	< 20		< 0.74
TGRSE	7/6/93		< 6.01		< 5		< 15	36.1 J		< 0.74
TGRSE	8/3/93		< 6.01		< 5		< 15	123 J		< 0.74
TGRSE	9/15/93		< 6.01		< 5		< 15	< 20 J		< 0.74
TGRSE	10/5/93		< 6.01		< 5		< 15	< 20 J		< 0.74
TGRSE	11/30/93		< 6.01		< 5		< 15	72.3		< 0.74
TGRSE	12/7/93		< 6.01		< 5		< 15	< 20		< 0.74
TGRSE	1/4/94		< 3		< 5		< 15	< 20		< 0.74
TGRSE	2/1/94		< 3		< 5		< 15	< 20		< 0.74
TGRSE	3/1/94									
TGRSE	3/8/94	< 3	< 3	78.6	< 5	< 25	< 15	< 20		< 0.74
TGRSE	3/8/94	< 37.1								
TGRSE	4/5/94		< 3		< 5		< 15	< 20		< 0.74
TGRSE	5/3/94		< 3		< 5		< 15	< 20		< 0.74 ?

TABLE IV-22

HISTORICAL TREATMENT SYSTEM METALS AND CYANIDE CONCENTRATIONS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Date*	*Antimony*	*Arsenic*	*Barrium*	*Cadmium*	*Cobalt*	*Chromium*	*Copper*	*Cyanide*	*Mercury*
TGRSE	11/11/87		< 1	69	< 5		< 10	< 25		< 0.4
TGRSE	6/7/94		< 3		< 5 ?		< 15	< 20		< 0.74 ?
TGRSE	7/7/94		< 3		< 5 V		< 15 ?	< 20 ?		< 0.74
TGRSE	8/2/94		< 3		< 5		< 15 V	< 20 V		< 0.74
TGRSE	9/6/94		< 3		< 5		< 15	< 20		< 0.74
TGRSE	10/4/94		< 3		< 5		< 15	< 20		< 0.74
TGRSE	11/1/94		< 3		< 5		< 15	< 20		< 0.74 ?
TGRSE	12/6/94	< 5	< 3		< 5	< 1	< 15	< 20		< 0.74
TGRSE	1/3/95		< 3		< 5		< 15 I	< 20 J		< 0.74
TGRSE	2/7/95		< 3		< 5		< 15	< 20		< 0.74
TGRSE	3/14/95	< 37.1	< 4	94.8	< 5	< 25	< 15	< 20		< 0.74
TGRSE	4/10/95		< 4		< 5		< 15	< 20		< 0.74
TGRSE	5/2/95		< 4		< 5		< 15			< 0.74
TGRSE	6/6/95	< 5	< 4		< 5	< 1	< 15			< 0.74
TGRSE	7/6/95		< 4		< 5		< 15			< 0.74
TGRSE	7/6/95									< 0.74 D
TGRSE	8/1/95		< 4		< 5		< 15			< 0.74 ?
TGRSE	9/5/95	< 5								
TGRSE	9/11/95		< 4		< 5	< 1	< 15			< 0.74
TGRSE	10/3/95		< 4		< 5		< 15			
TGRSE	11/7/95		< 4		< 5		< 15			< 0.74
TGRSE	12/5/95	< 5	< 4		< 5	< 1	< 15			< 0.74
TGRSE	1/2/96		< 5		< 5		< 15			< 0.74 ?
TGRSE	2/6/96		< 4		< 5 ?		< 15			< 0.74 ?
TGRSE	3/5/96	< 5	< 5		< 5 ?	< 1	< 15 ?			< 0.74 ?
TGRSE	4/2/96		< 4		< 5 ?		< 15 ?			< 0.74 ?
TGRSE	5/7/96		< 4		< 5 ?		< 15 ?			< 0.74 ?
TGRSE	6/4/96	< 10 V	< 2.35 V	93.2	< 6.78	< 25 I	< 16.8	< 18.8		< 0.1 V
TGRSE	7/2/96		< 2.35		< 6.78		< 16.8			< 0.1
TGRSE	8/9/96		< 2.35		< 6.78		< 16.8			< 0.1
TGRSE	9/3/96	< 6	< 2.35		< 6.78	< 25	< 16.8			< 0.1

Notes:
Units in µg/L
? Control charts not yet approved by USAEC
D - Duplicate analysis
I - The low spike recovery is high
J - Value is estimated
M - The high spike recovery is high
V - Sample subjected to unusual storage/preservation conditions

TABLE IV-22

HISTORICAL TREATMENT SYSTEM METALS AND CYANIDE CONCENTRATIONS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Date*	*Magnesium*	*Manganese*	*MO*	*Nickel*	*Lead*	*Selenium*	*Silver*	*Vanadium*	*Zinc*
TGRSE	11/11/87					4				33
TGRSE	12/1/87				< 40	11				17.1
TGRSE	12/29/87				< 40	< 3				39
TGRSE	1/19/88				< 40	13				170
TGRSE	4/28/88				139	14				200
TGRSE	5/24/88				< 40	15				291
TGRSE	6/22/88				42	26				339
TGRSE	7/19/88				< 40	4				58
TGRSE	8/25/88				40	8				88
TGRSE	9/21/88				< 40	13				80
TGRSE	10/24/88				< 40	5				26
TGRSE	4/20/89				< 50	2				130
TGRSE	7/19/89				< 50	1				140
TGRSE	7/19/89				< 50	< 1				190
TGRSE	10/12/89	26000	3800		< 16	2	< 25	< 2	< 60	390
TGRSE	10/12/89							< 6		
TGRSE	1/19/90				< 16	3				< 360
TGRSE	4/10/90				< 50	1				< 130
TGRSE	5/8/90				< 20	< 0	< 30			< 10
TGRSE	7/13/90	28000			< 50	< 100				720
TGRSE	8/14/90				< 50	20				390
TGRSE	9/12/90				< 21	< 1				< 320
TGRSE	10/15/90				< 5.32	< 1.26				68
TGRSE	11/13/90				< 5.32	< 1.26				< 25
TGRSE	12/11/90				< 5.32	< 1.26				< 25
TGRSE	1/11/91	24300	1860	< 30.9	< 5.32	< 1.26	< 75		< 20	31.5
TGRSE	1/11/91				< 63.1	< 100				
TGRSE	2/13/91				< 5.32	< 1.26				53.9
TGRSE	3/19/91	26800	12000	< 30.9	< 5.32	< 1.26	< 75		< 20	164
TGRSE	3/19/91				< 63.1	< 100				
TGRSE	4/10/91				< 5.32	1.51				311
TGRSE	5/7/91		740		< 5.32	< 1.26	< 14.9	< 0.5		21.4
TGRSE	6/4/91	24100	686		< 5.32	< 100	< 14.9		< 20	13.2
TGRSE	6/4/91			< 30.9	< 63.1	< 1.26	< 75			
TGRSE	7/2/91	21500	10000	< 30.9	< 63.1	< 1.26	< 14.9		< 20	381
TGRSE	7/2/91				< 5.32	< 100	< 75			
TGRSE	8/6/91	25600	1710	< 30.9	< 63.1	< 1.26	< 75	< 13 T	< 20	856
TGRSE	8/6/91			< 30.9		< 100				
TGRSE	9/5/91		961		< 63.1	< 100	< 14.9	< 13 T		31.5
TGRSE	9/5/91				< 5.32	< 1.26	< 75			
TGRSE	10/1/91				< 63.1	< 100	< 75			124
TGRSE	10/1/91				< 5.32	< 1.26				

TABLE IV-22

HISTORICAL TREATMENT SYSTEM METALS AND CYANIDE CONCENTRATIONS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Date*	*Magnesium*	*Manganese*	*MO*	*Nickel*	*Lead*	*Selenium*	*Silver*	*Vanadium*	*Zinc*
TGRSE	11/11/87					4				33
TGRSE	11/5/91				< 5.32	< 1.26				144
TGRSE	11/5/91									
TGRSE	12/4/91				< 5.32	< 1.26				111
TGRSE	1/9/92				< 5.32	< 1.26				19.3
TGRSE	2/4/92				< 5.32	< 1.26				19.3
TGRSE	3/3/92	24800	771		< 63.1	< 1.26	< 14.9	< 12.5	< 20	29.5
TGRSE	3/3/92				< 5.32	< 100	< 75			
TGRSE	4/7/92				< 5.32	< 1.26				19.4
TGRSE	5/5/92				< 5.32	1.54				63.1
TGRSE	6/2/92				< 5.32	< 1.26				101
TGRSE	7/7/92				< 5.32	< 1.26				33.6
TGRSE	7/16/92					< 1.26				
TGRSE	7/16/92					< 1.26 D				
TGRSE	7/21/92					< 1.26				
TGRSE	8/4/92	23300	2300	< 30.9	< 63.1	< 100	< 75	< 12.5	< 20	35.6
TGRSE	8/4/92					< 1.26	< 14.9			
TGRSE	9/1/92	23200	705	< 30.9	< 63.1	< 100	< 75	< 12.5	< 20	15.3
TGRSE	9/1/92					< 1.26	< 14.9			
TGRSE	10/6/92				< 5.32	< 1.26				
TGRSE	11/3/92				< 5.32	< 1.26				< 13
TGRSE	12/4/92				< 5.32					< 13
TGRSE	1/5/93				< 5.32	< 1.26				30.5
TGRSE	2/2/93				< 5.32	< 1.26				40.7
TGRSE	3/2/93	25000	11000	< 30.9	< 63.1	< 100	< 14.9	< 12.5	< 20	192
TGRSE	3/2/93					< 1.26	< 75			
TGRSE	4/7/93				< 5.32	< 1.26				15.3
TGRSE	5/5/93				< 5.32	< 1.26				23.4
TGRSE	6/1/93				< 63.1	< 1.26				91.6
TGRSE	7/6/93				0 6.49	< 1.26				205
TGRSE	8/3/93				< 63.1	< 1.26				15.3
TGRSE	9/15/93				< 5.32	< 1.26				40.7
TGRSE	10/5/93				8.21	< 1.26				137
TGRSE	11/30/93				< 5.32	< 1.26				19.3 B
TGRSE	12/7/93				< 5.32	< 1.26				13.2
TGRSE	1/4/94				< 7.3	< 4				15.3
TGRSE	2/1/94				< 5	< 4				16.3
TGRSE	3/1/94					< 4 0				
TGRSE	3/8/94	24600	233		< 5	< 4 0	< 2	< 13 T	< 20	13.2
TGRSE	3/8/94									
TGRSE	4/5/94				< 5	< 4 0				13.2
TGRSE	5/3/94				< 5	< 4 0				< 13

TABLE IV-22

HISTORICAL TREATMENT SYSTEM METALS AND CYANIDE CONCENTRATIONS
TGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Well	*Date*	*Magnesium*	*Manganese*	*MO*	*Nickel*	*Lead*	*Selenium*	*Silver*	*Vanadium*	*Zinc*
TGRSE	11/11/87					4				33
TGRSE	6/7/94				< 5	< 4				21.4 ?
TGRSE	7/7/94				< 5	< 4				< 13 V
TGRSE	8/2/94				< 5	< 4				65.1
TGRSE	9/6/94				< 5	< 2				34.6 B
TGRSE	10/4/94				< 5	< 4				22.4 B
TGRSE	11/1/94				< 5	< 4				26.4 B
TGRSE	12/6/94		243		< 5	< 4				< 13 I
TGRSE	1/3/95				< 5	< 4				16.3 B
TGRSE	2/7/95				5.09	< 4				< 13
TGRSE	3/14/95	27200	174		< 5	< 5	< 4	< 12.5	< 20	< 13
TGRSE	4/10/95				< 5	< 5				0 14.2
TGRSE	5/2/95				< 5	< 3				0 16.3
TGRSE	6/6/95		< 5.11		< 5	< 3				0 13.2
TGRSE	7/6/95				< 5	< 3				< 13
TGRSE	7/6/95									
TGRSE	8/1/95				< 5	< 3				< 13 I
TGRSE	9/5/95									
TGRSE	9/11/95		401		< 5	< 3				< 13
TGRSE	10/3/95					< 3				< 13
TGRSE	11/7/95				< 5	< 3				13.2
TGRSE	12/5/95		1810		< 5	< 3				19.3
TGRSE	1/2/96				< 5	< 3				41.7
TGRSE	2/6/96				< 5					25.4 ?
TGRSE	3/5/96		251 ?		< 5	< 3				49.8 ?
TGRSE	4/2/96				< 5	< 3				13.2 ?
TGRSE	5/7/96				< 5	< 3				30.5 ?
TGRSE	6/4/96	25500	903		< 32.1 I	< 4.47 VMI	< 2.53 V	< 0.333 VI	< 27.6	< 18
TGRSE	7/2/96				< 32.1	< 4.47				< 18
TGRSE	8/9/96				< 32.1	< 4.47				< 18
TGRSE	9/3/96		417		< 32.1	< 4.47				< 18

Notes:
Units in µg/L
? Control charts not yet approved by USAEC
D - Duplicate analysis
I - The low spike recovery is high
J - Value is estimated
M - The high spike recovery is high
V - Sample subjected to unusual storage/preservation conditions

Table IV-23

FY 1998 Surface Water Performance Monitoring Plan

Notes:

M = Analysis required once a month.

Q = Analysis required once a quarter.

Y = Analysis required once a year.

(1) = Sites refer to monitoring locations illustrated on Figure IV-39.

TABLE IV - 23

FY 98 Surface Water Performance Monitoring Plan

Analysis	Units	391 (010) Site K Effluent	20700 Rice Crk In	20800 Rice Crk Out
Flow Rate	M gal/day	Continuous	Q	Q
Total Flow	M gal	M	- -	- -
pH		Q	Q	Q
Suspended Solids	mg/l	- -	Q	Q
Chemical Oxygen Demand	mg/l	- -	Q	Q
Total Organic Carbon	mg/l	- -	Q	Q
Biological Oxygen Demand	mg/l	- -	Q	Q
Dissolved Oxygen	mg/l	- -	Q	Q
Fecal Coliform Bacteria	#/100ml	- -	Q	Q
Oil	mg/l	- -	Q	Q
Ammonia	mg/l	- -	Q	Q
Cyanide	ug/l	Q	Q	Q
Cadmium	ug/l	- -	Q	Q
Chloride	mg/l	- -	Q	Q
Chromium (Total)	ug/l	- -	Q	Q
Copper	ug/l	Q	Q	Q
Lead	ug/l	Q	Y	Y
Mercury	ug/l	Q	Q	Q
Nickel	ug/l	- -	Q	Q
Phosphorus (Total)	mg/l	Q	Q	Q
Phosphorus (Ortho)	mg/l	- -	Q	Q
Silver	ug/l	Q	Q	Q
Zinc	ug/l	Q	Q	Q
Trichloroethene	ug/l	Q	Q	Q
1,1,1-Trichloroethane	ug/l	- -	Q	Q
Methylene Chloride	ug/l	- -	Q	Q
1,1-Dichloroethene	ug/l	Q	Q	Q
1,1-Dichloroethane	ug/l	Q	Q	Q
cis-1,2-Dichloroethene	ug/l	Q	Q	Q
Trans-1,2-Dichloroethene	ug/l	Q	Q	Q
Vinyl Chloride	ug/l	Q	Q	Q
1,2-Dichloroethane	ug/l	Q	Q	Q

Table V-1

Fiscal Year 1996 Treatment System Analytical Summary, PGRS, TCAAP

TABLE V-1

FISCAL YEAR 1996 TREATMENT SYSTEM ANALYTICAL SUMMARY
PGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Site ID	Sample Date	111TCE	112TCE	11DCE	11DCLE	12DCE	12DCLE	12DCLP	C2H3CL	CCL4	CH2CL2	CHCL3	T12DCE	TCLEE	TCLTFE	TRCLE
NB13E	10/3/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	11/7/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	12/5/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	1.67 1	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	1/5/96	< 1	< 1	< 1	< 0.78	< 0.5 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	2/6/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	< 0.5 ?
NB13E	3/7/96	0.806 1?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	< 0.5 ?
NB13E	4/2/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	< 0.5 ?
NB13E	5/7/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	< 0.5 ?
NB13E	6/4/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1	< 0.56
NB13E	7/2/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01 M	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	< 0.56
NB13E	8/9/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	< 0.56
NB13E	9/5/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	< 0.56
NB13E	9/5/96	< 0.76 D	< 0.78 D	< 1.7 D	< 0.73 D	< 0.76 D	< 1.1 D	< 1 TD	< 1.01 D	< 0.99 D	< 7.4 D	< 0.5 D		< 0.75 D	< 1 TD	< 0.56 D
NB13I	10/3/95	0.821 1	< 1	0.774 1	0.752 1	0.655	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	0.663 1	< 1	11.5
NB13I	11/7/95	< 1	< 1	0.595 1	0.609 1	0.535 1	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	9.04
NB13I	11/7/95	< 1 D	< 1 D	0.667 1D	0.611 1D	0.547 D	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 TD	< 1 D	< 1 D	9.25 D
NB13I	12/5/95	< 1	< 1	< 1	0.495 1	0.784	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	8.97
NB13I	12/5/95	0.54 1D	< 1 D	< 1 D	0.499 1D	0.751 D	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 TD	< 1 D	< 1 D	9.64 D
NB13I	1/5/96	0.844 1	< 1	0.573 1	0.622 1	0.784 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	10.3
NB13I	2/6/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	0.324 1?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	8 ?
NB13I	2/6/96	< 1 D?	< 1 D?	< 1 D?	< 0.78 D?	0.309 1D?	< 0.5 D?	< 1 D?	< 1.9 D?	< 1.3 D?	< 3.2 D?	< 0.72 D?	< 0.3 TD?	< 1 D?	< 1 D?	7.9 D?
NB13I	3/7/96	0.509 1?	< 1 ?	< 1 ?	< 0.78 ?	0.356 1?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	9.15 ?
NB13I	4/2/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	0.279 1?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	5.6 ?
NB13I	4/2/96	< 1 D?	< 1 D?	< 1 D?	< 0.78 D?	0.276 1?	< 0.5 D?	< 1 D?	< 1.9 D?	< 1.3 D?	< 3.2 D?	< 0.72 D?	< 0.3 TD?	< 1 D?	< 1 D?	5.67 D?
NB13I	5/7/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	6.81 ?
NB13I	6/4/96	< 0.76 D	< 0.78 D	< 1.7 D	< 0.73 D	< 0.76 D	< 1.1 D	< 1 D	< 1.01 D	< 0.99 D	< 7.4 D	2.05 D		< 0.75 D	< 1 D	4 D
NB13I	6/4/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1	< 1.01	< 0.99	< 7.4	2.03		< 0.75	< 1	4.16
NB13I	7/2/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01 M	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	6.64
NB13I	8/9/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	5.93
NB13I	8/9/96	< 0.76 D	< 0.78 D	< 1.7 D	< 0.73 D	< 0.76 D	< 1.1 D	< 1 DT	< 1.01 D	< 0.99 D	< 7.4 D	< 0.5 D		< 0.75 D	< 1 DT	4.51 D
NB13I	9/5/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	9.01

Notes:

Units in µg/L

- I Results are less than Certified Reporting Limit but greater than Criteria of Detection
- ? Control chart not yet approved by USAEC
- D Duplicate analysis
- I The low-spike recovery is high
- J The low-spike recovery is low
- L Missed holding time for sample analysis
- M The high-spike recovery is high
- R Data is rejected
- T Non-target compound analyzed for but not detected (non-GS/MS methods)
- V Sample subjected to unusual storage/preservation conditions

Table V-2

Historical Treatment System
VOC Concentrations, PGRS, TCAAP

TABLE V-2

HISTORICAL TREATMENT SYSTEM VOC CONCENTRATIONS
PGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Site ID	Sample Date	111TCE	112TCE	11DCE	11DCLE	12DCE	12DCLE	12DCLP	C2H3CL	CCL4	CH2CL2	CHCL3	T12DCE	TCLEE	TCLTFE	TRCLE
NB13E	4/18/94	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	0.323 1?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	< 0.5 ?
NB13E	5/3/94	< 1	< 1	< 1	< 0.78	< 0.5	0.494 1	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	0.325 1
NB13E	6/7/94	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	< 0.5 ?
NB13E	6/7/94	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.1
NB13E	7/5/94	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	0.621 1	< 0.5
NB13E	8/2/94	< 1	< 1	< 1 JR	< 0.78	< 0.5	< 0.5 J	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	9/6/94	< 1 L	< 1 L	< 1 L	< 0.78 L	< 0.5 L	0.936 L	< 1 L	< 1.9 L	< 1.3 L	< 3.2 L	< 0.72 L	< 0.3 TL	< 1 L	< 1 L	< 0.5 L
NB13E	10/4/94	< 1	< 1	< 1	< 0.78	< 0.5	0.723	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	11/1/94	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	12/6/94	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5 I	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5 I
NB13E	1/3/95	2.11	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	2/10/95	< 1	< 1	< 1	< 0.78	< 0.5	0.871	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	3/7/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	4/4/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	5/2/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	6/6/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	7/6/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1 I	< 1	< 0.5
NB13E	8/1/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	9/5/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	10/3/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	11/7/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	12/5/95	< 1	< 1	< 1	< 0.78	< 0.5	< 0.5	< 1	< 1.9	< 1.3	1.67 1	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	1/5/96	< 1	< 1	< 1	< 0.78	< 0.5 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	< 0.5
NB13E	2/6/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	< 0.5 ?
NB13E	3/7/96	0.806 1?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	< 0.5 ?
NB13E	4/2/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	< 0.5 ?
NB13E	5/7/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	< 0.5 ?
NB13E	6/4/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1	< 0.56
NB13E	7/2/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01 M	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	< 0.56
NB13E	8/9/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	< 0.56
NB13E	9/5/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	< 0.56
NB13E	9/5/96	< 0.76 D	< 0.78 D	< 1.7 D	< 0.73 D	< 0.76 D	< 1.1 D	< 1 TD	< 1.01 D	< 0.99 D	< 7.4 D	< 0.5 D		< 0.75 D	< 1 TD	< 0.56 D
NB13I	4/18/94	5.5 ?	< 1 ?	< 1 ?	< 0.78 ?	0.349 1?	0.532 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	6.83 ?
NB13I	5/3/94	< 1	< 1	< 1	< 0.78	0.397 1	0.543	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	6.73
NB13I	6/7/94	< 0.2	< 0.2	< 0.5	< 0.2		< 0.2	< 0.2	< 1	< 0.2	< 0.5	< 0.1	< 0.1	< 0.2		9.3
NB13I	6/7/94	< 1	< 1	< 1	< 0.78	0.455 1	< 0.5	< 1	< 1.9	< 1.3	1.64 1	< 0.72	< 0.3 T	< 1	< 1	9.11
NB13I	6/7/94	< 1 D?	< 1 D?	< 1 D?	< 0.78 D?	0.46 1D?	< 0.5 D?	< 1 D?	< 1.9 D?	< 1.3 D?	< 3.2 D?	< 0.72 D?	< 0.3 TD?	< 1 D?	< 1 D?	9.21 D?
NB13I	7/5/94	< 1	< 1	< 1	< 0.78	0.508 1	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	13.4
NB13I	8/2/94	0.848 1	< 1	< 1 JR	< 0.78	0.529 1	< 0.5 J	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	15.1
NB13I	9/6/94	0.679 D1L	< 1 DL	< 1 DL	0.556 D1L	0.497 D1L	1.19 DL	< 1 DL	< 1.9 DL	< 1.3 DL	< 3.2 DL	< 0.72 L	< 0.3 TL	< 1 DL	< 1 DL	16.1 DL
NB13I	9/6/94	0.575 1L	< 1 L	< 1 L	0.554 1L	0.513 1L	1.02 L	< 1 L	< 1.9 L	< 1.3 L	< 3.2 L	< 0.72 DL	< 0.3 TDL	< 1 L	< 1 L	16.8 L
NB13I	10/4/94	0.958 1	< 1	< 1	0.601 1	0.479 1	0.673	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	16.7
NB13I	11/1/94	0.684 D1	< 1 D	< 1 D	0.412 D1	0.892 D	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2	< 0.72 D	< 0.3 TD	< 1	< 1	14.7
NB13I	11/1/94	0.636 1	< 1	< 1	< 0.78	0.307 1	< 0.5	< 1	< 1.9	< 1.3	< 3.2 D	< 0.72	< 0.3 T	< 1 D	< 1 D	15.2 D
NB13I	12/6/94	0.564 1D	< 1 D	< 1 D	0.456 D1	< 0.5 D	< 0.5 DI	< 1 D	< 1.9 D	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	12.3 I
NB13I	12/6/94	0.646 1	< 1	< 1	0.421 1	0.324 1	< 0.5 I	< 1	< 1.9	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 TD	< 1 D	< 1 D	13.8 DI

TABLE V-2

HISTORICAL TREATMENT SYSTEM VOC CONCENTRATIONS
PGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Site ID	Sample Date	111TCE	112TCE	11DCE	11DCLE	12DCE	12DCLE	12DCLP	C2H3CL	CCL4	CH2CL2	CHCL3	T12DCE	TCLEE	TCLTFE	TRCLE
NB13I	1/3/95	0.916 I	1.03	< 1	< 0.78	0.373 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	13.4 I
NB13I	1/3/95	1.1 D	< 1 D	< 1 D	< 0.78 D	0.326 DI	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 DT	< 1 D	< 1 D	13.4 DI
NB13I	2/10/95	0.651 I	< 1	< 1	< 0.78	0.302 I	1.01	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	9.13
NB13I	3/7/95	0.789 I	< 1	< 1	0.47 I	0.392 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	11.7
NB13I	3/7/95	0.643 ID	< 1 D	< 1 D	0.438 ID	0.385 ID	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 TD	< 1 D	< 1 D	11.8 D
NB13I	4/4/95	0.756 I	< 1	< 1	0.6 I	0.398 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	11.2
NB13I	5/2/95	0.607 I	< 1	< 1	0.551 I	0.423 I	< 0.5	< 1	< 1.9	< 1.3	1.83 I	< 0.72	< 0.3 T	< 1	< 1	10.7
NB13I	5/2/95	0.57 ID	< 1 D	< 1 D	0.552 ID	0.446 ID	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 TD	< 1 D	< 1 D	10.9 D
NB13I	6/6/95	< 1 D	< 1 D	< 1 D	0.426 ID	0.401 ID	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 T	< 1 DI	< 1 D	12.4 D
NB13I	6/6/95	< 1	< 1	< 1	< 0.78	0.398 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1 I	< 1	11.9
NB13I	7/6/95	< 1	< 1	< 1	0.498 I	0.402 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	13.1
NB13I	8/1/95	0.616 I	< 1	0.609 I	0.692 I	0.46 I	0.592	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	16.5
NB13I	9/5/95	1.25	< 1	0.684 I	0.585 I	0.35 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	17.9
NB13I	9/5/95	1.23 D	< 1 D	0.581 ID	0.635 ID	0.345 ID	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 TD	< 1 D	< 1 D	18 D
NB13I	10/3/95	0.821 I	< 1	0.774 I	0.752 I	0.655	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	0.663 I	< 1	11.5
NB13I	11/7/95	< 1	< 1	0.595 I	0.609 I	0.535 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	9.04
NB13I	11/7/95	< 1 D	< 1 D	0.667 ID	0.611 ID	0.547 D	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 TD	< 1 D	< 1 D	9.25 D
NB13I	12/5/95	< 1	< 1	< 1	0.495 I	0.784	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	8.97
NB13I	12/5/95	0.54 ID	< 1 D	< 1 D	0.499 ID	0.751 D	< 0.5 D	< 1 D	< 1.9 D	< 1.3 D	< 3.2 D	< 0.72 D	< 0.3 TD	< 1 D	< 1 D	9.64 D
NB13I	1/5/96	0.844 I	< 1	0.573 I	0.622 I	0.784 I	< 0.5	< 1	< 1.9	< 1.3	< 3.2	< 0.72	< 0.3 T	< 1	< 1	10.3
NB13I	2/6/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	0.324 I?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	8 ?
NB13I	2/6/96	< 1 D?	< 1 D?	< 1 D?	< 0.78 D?	0.309 ID?	< 0.5 D?	< 1 D?	< 1.9 D?	< 1.3 D?	< 3.2 D?	< 0.72 D?	< 0.3 TD?	< 1 D?	< 1 D?	7.9 D?
NB13I	3/7/96	0.509 I?	< 1 ?	< 1 ?	< 0.78 ?	0.356 I?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	9.15 ?
NB13I	4/2/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	0.279 I?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	5.6 ?
NB13I	4/2/96	< 1 D?	< 1 D?	< 1 D?	< 0.78 D?	0.276 I?	< 0.5 D?	< 1 D?	< 1.9 D?	< 1.3 D?	< 3.2 D?	< 0.72 D?	< 0.3 TD?	< 1 D?	< 1 D?	5.67 D?
NB13I	5/7/96	< 1 ?	< 1 ?	< 1 ?	< 0.78 ?	< 0.5 ?	< 0.5 ?	< 1 ?	< 1.9 ?	< 1.3 ?	< 3.2 ?	< 0.72 ?	< 0.3 T?	< 1 ?	< 1 ?	6.81 ?
NB13I	6/4/96	< 0.76 D	< 0.78 D	< 1.7 D	< 0.73 D	< 0.76 D	< 1.1 D	< 1 D	< 1.01 D	< 0.99 D	< 7.4 D	2.05 D		< 0.75 D	< 1 D	4 D
NB13I	6/4/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1	< 1.01	< 0.99	< 7.4	2.03		< 0.75	< 1 .	4.16
NB13I	7/2/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01 M	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	6.64
NB13I	8/9/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	5.93
NB13I	8/9/96	< 0.76 D	< 0.78 D	< 1.7 D	< 0.73 D	< 0.76 D	< 1.1 D	< 1 DT	< 1.01 D	< 0.99 D	< 7.4 D	< 0.5 D		< 0.75 D	< 1 DT	4.51 D
NB13I	9/5/96	< 0.76	< 0.78	< 1.7	< 0.73	< 0.76	< 1.1	< 1 T	< 1.01	< 0.99	< 7.4	< 0.5		< 0.75	< 1 T	9.01

Notes:

Units in µg/L

I	Results are less than Certified Reporting Limit but greater than Criteria of Detection
?	Control chart not yet approved by USAEC
D	Duplicate analysis
H	The low-spike recovery is high
L	The low-spike recovery is low
T	Missed holding time for sample analysis
M	The high-spike recovery is high
R	Data is rejected
T	Non-target compound analyzed for but not detected (non-GS/MS methods)
V	Sample subjected to unusual storage/preservation conditions

Table V-3

Historical Treatment System Influent Arsenic Concentrations, PGRS, TCAAP

TABLE V-3

HISTORICAL TREATMENT SYSTEM INFLUENT ARSENIC CONCENTRATIONS
PGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Site ID	*Sample Date*	*Quarter*	*Concentration*
NB13I	6/7/94	43	< 3
NB13I	9/6/94	44	< 3
NB13I	12/6/94	45	< 3
NB13I	3/7/95	46	< 4
NB13I	6/6/95	47	< 4
NB13I	9/5/95	48	< 4
NB13I	12/5/95	49	< 4
NB13I	3/5/96	50	< 5
NB13I	6/4/96	51	< 2.35
NB13I	9/5/96	52	< 2.35

Notes:
Units in µg/L

Table V-4

Hydraulic Vertical Gradients
PGRS, TCAAP

HYDRAULIC VERTICAL GRADIENTS
PGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Location	*3/30/94*	*3/31/94*	*4/10/94*	*4/17/94*	*4/18/94 (AM)*	*4/18/94 (noon)*	*4/18/94 (PM)*	*4/19/94*	*4/20/94*	*4/21/94*	*4/22/94*
03U673 <---> 03L673	-0.032	-0.034	-0.034	-0.034	-0.027	-0.028	-0.031	-0.035	-0.032	-0.034	-0.034
03L673 <---> 04U673	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002
03U832 <---> 03L832	-0.002	-0.002	-0.001	-0.001	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001	-0.002
03L832 <---> 04U832	-0.002	-0.002	-0.002	0.005	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001
03L841 <---> 04U841	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.002	0.003	0.002	0.002
03L846 <---> 04U846				-0.003	-0.004	-0.009	-0.010	-0.011	-0.005	-0.005	-0.005
03M848 <---> 03L848	0.012	0.011	0.011	0.011	0.012	0.012	0.011	0.010	0.010	0.010	0.011
03L848 <---> 04U848	0.011	0.010	0.011	0.010	0.012	0.012	0.011	0.011	0.011	0.010	0.010
03L854 <---> 04U854	-0.036	-0.036	-0.033	-0.032	-0.034	-0.034	-0.036	-0.036	-0.034	-0.034	-0.034
03L859 <---> 04U859	0.032	0.030	0.031	0.030	0.033	0.033	0.032	0.030	0.031	0.036	0.029
03L860 <---> 04U860	-0.038	-0.039	-0.036	-0.035	-0.037	-0.037	-0.038	-0.039	-0.037	-0.036	-0.037
03L861 <---> 04U861	-0.020	-0.022	-0.019	-0.018	-0.020	-0.020	-0.021	-0.021	-0.020	-0.019	-0.020
04U864 <---> 04J864	-0.047	-0.046	-0.044	-0.038	-0.036	-0.026	-0.026	-0.029	-0.036	-0.044	-0.047
04U866 <---> 04J866	-0.036	-0.034	-0.032	-0.026	-0.025	-0.012	-0.012	-0.016	-0.024	-0.033	-0.033
PCA1L3 <---> PCA1U4		-0.018	-0.016	-0.016	-0.016	-0.017	-0.017	-0.017	-0.017	-0.017	-0.017
PCA2L3 <---> PCA2U4		-0.012	-0.011	-0.010	-0.011	-0.012	-0.013	-0.012	-0.010	-0.011	-0.011

Notes:
Negative sign denotes vertical downward gradient.

TABLE V-4

HYDRAULIC VERTICAL GRADIENTS
PGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Location	*4/25/94*	*4/26/94*	*4/28/94*	*4/29/94*	*5/2/94 11:45 AM*	*5/9/94 10:20 AM*	*5/16/94 11:30 AM*	*5/23/94*	*6/20/94 11:45 AM*	*7/19/94 2:30 PM*
03U673 <---> 03L673	-0.039	-0.041	-0.034	-0.035	-0.035	-0.039	-0.038	-0.041	-0.043	-0.024
03L673 <---> 04U673	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	-0.005
03U832 <---> 03L832	-0.002	-0.002	-0.003	-0.002	-0.002	-0.002	-0.002	-0.003	-0.003	-0.003
03L832 <---> 04U832	-0.002	-0.002	-0.002	-0.001	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
03L841 <---> 04U841	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.002
03L846 <---> 04U846	-0.006	-0.009	-0.012	-0.006	-0.006	-0.008	-0.010	-0.011	-0.012	-0.011
03M848 <---> 03L848	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.008	0.012
03L848 <---> 04U848	0.010	0.009	0.011	0.010	0.010	0.009	0.010	0.010	0.011	0.015
03L854 <---> 04U854	-0.037	-0.039	-0.036	-0.034	-0.033	-0.037	-0.039	-0.042	-0.045	-0.046
03L859 <---> 04U859	0.029	0.029	0.030	0.030	0.029	0.029	0.030	0.029	0.030	0.039
03L860 <---> 04U860	-0.039	-0.042	-0.038	-0.037	-0.036	-0.040	-0.041	-0.046	-0.047	-0.049
03L861 <---> 04U861	-0.022	-0.024	-0.021	-0.020	-0.019	-0.022	-0.022	-0.026	-0.027	-0.027
04U864 <---> 04J864	-0.046	-0.043	-0.029	-0.033	-0.043	-0.034	-0.034	-0.042	-0.042	-0.035
04U866 <---> 04J866	-0.034	-0.022	-0.014	-0.020	-0.030	-0.022	-0.023	-0.028	-0.027	-0.021
PCA1L3 <---> PCA1U4	-0.018	-0.019	-0.017	-0.017	-0.017	-0.019	-0.019	-0.021	-0.022	-0.021
PCA2L3 <---> PCA2U4	-0.012	-0.013	-0.013	-0.012	-0.011	-0.012	-0.013	-0.013	-0.013	-0.014

Notes:
Negative sign denotes vertical downward gradient.

TABLE V-4

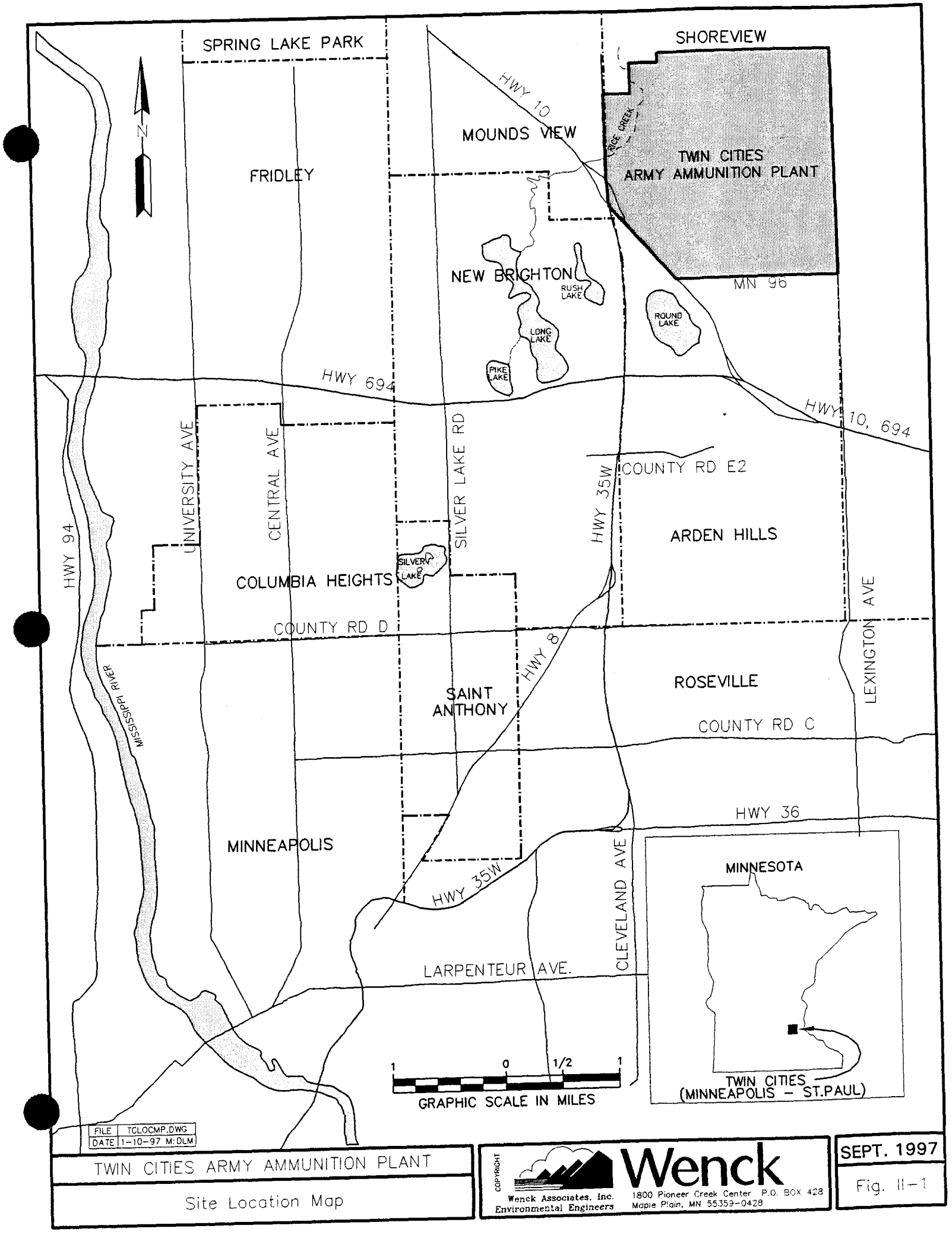
HYDRAULIC VERTICAL GRADIENTS
PGRS, TCAAP
NEW BRIGHTON, MINNESOTA

Location	*10/10/94*	*1/27/95*	*3/6/95*	*6/21/95 8:00 A.M.*	*9/5/95*	*12/14/95*	*3/5/96*	*5/28/96*	*9/16/96*
03U673 <---> 03L673	-0.030	-0.042	-0.042	-0.030	-0.043	-0.043	-0.037	-0.036	-0.053
03L673 <---> 04U673	0.003	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.002
03U832 <---> 03L832	-0.002	-0.002	0.004	-0.003	-0.003	-0.002	-0.002	0.004	-0.003
03L832 <---> 04U832	-0.002	-0.002	-0.005	-0.003	-0.002	-0.002	-0.002	-0.010	-0.002
03L841 <---> 04U841	0.003	0.001	0.001	0.003	0.002	0.001	0.002	0.002	0.001
03L846 <---> 04U846	-0.008	-0.007	-0.007	-0.014	-0.010	-0.009	-0.009	-0.015	-0.012
03M848 <---> 03L848	0.013	0.010		0.012	0.026	0.010		0.010	0.010
03L848 <---> 04U848	0.014	0.011		0.013	0.000	0.010		0.010	0.010
03L854 <---> 04U854	-0.040	-0.039	-0.039	-0.044	-0.041	-0.040	-0.038	-0.039	-0.045
03L859 <---> 04U859	0.037	0.031	0.030	0.037	0.031	0.031	0.032	0.030	0.033
03L860 <---> 04U860	-0.043	-0.043	-0.042	-0.047	-0.044	-0.043	-0.042	-0.042	-0.050
03L861 <---> 04U861	-0.022	-0.023	-0.023	-0.026	-0.024	-0.024	-0.023	-0.024	-0.026
04U864 <---> 04J864	-0.040	-0.028	-0.029	-0.048	-0.042	-0.022	-0.024	-0.037	-0.040
04U866 <---> 04J866	-0.026	-0.016	-0.017	-0.032	-0.027	-0.006	-0.010	-0.020	-0.020
PCA1L3 <---> PCA1U4	-0.018	-0.019	-0.019	-0.020	-0.020	-0.020	-0.019	-0.020	-0.022
PCA2L3 <---> PCA2U4	-0.013	-0.013	-0.012	-0.015	-0.013	-0.013	-0.014	-0.015	-0.014

Notes:
Negative sign denotes vertical downward gradient.

FIGURES

Figures



TWIN CITIES ARMY AMMUNITION PLANT

Site Location Map

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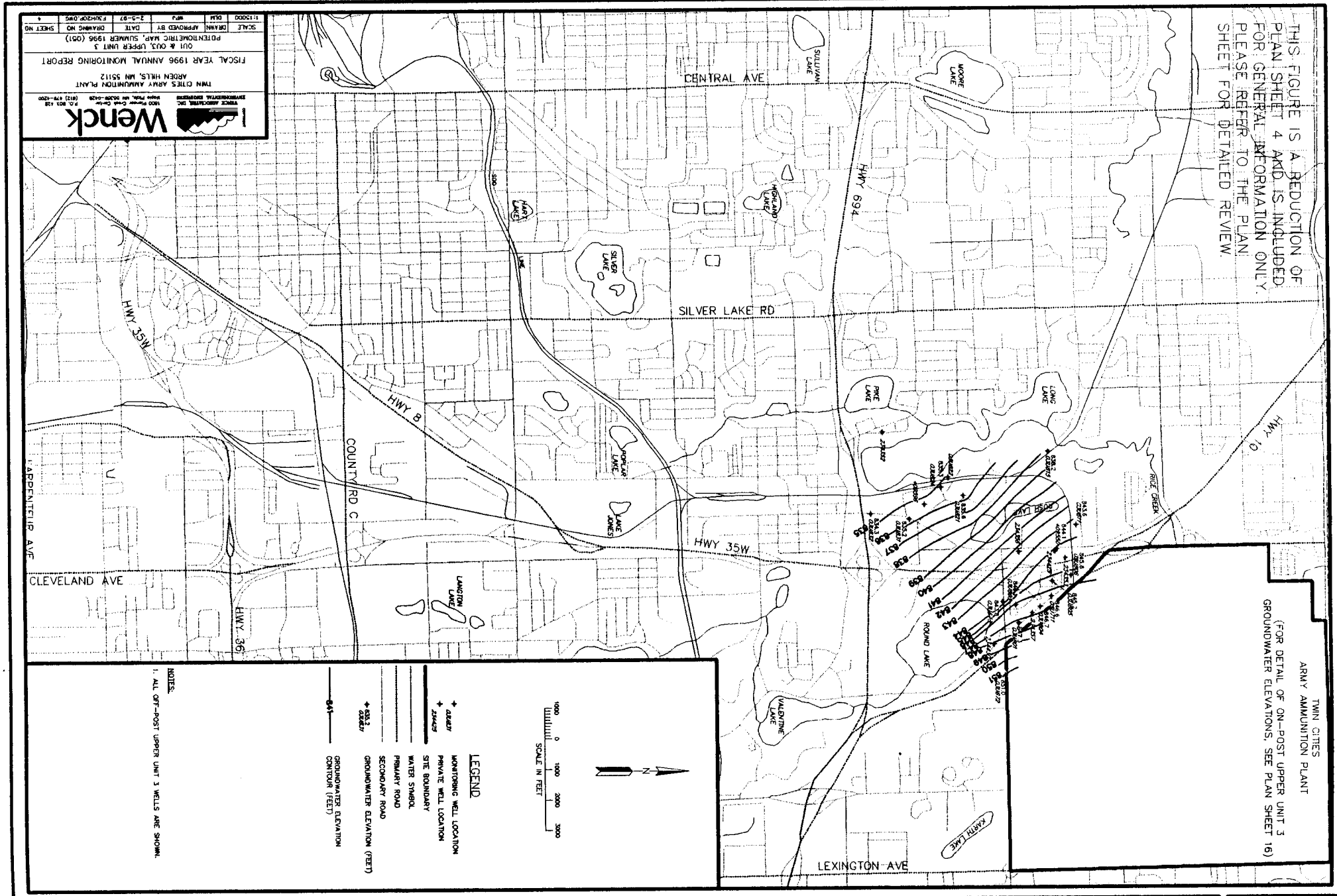
Fig. II-1



TWIN CITIES ARMY AMMUNITION PLANT

OU1 & OU3, Upper Unit 3 Potentiometric Map, Summer 1996 (Q51)

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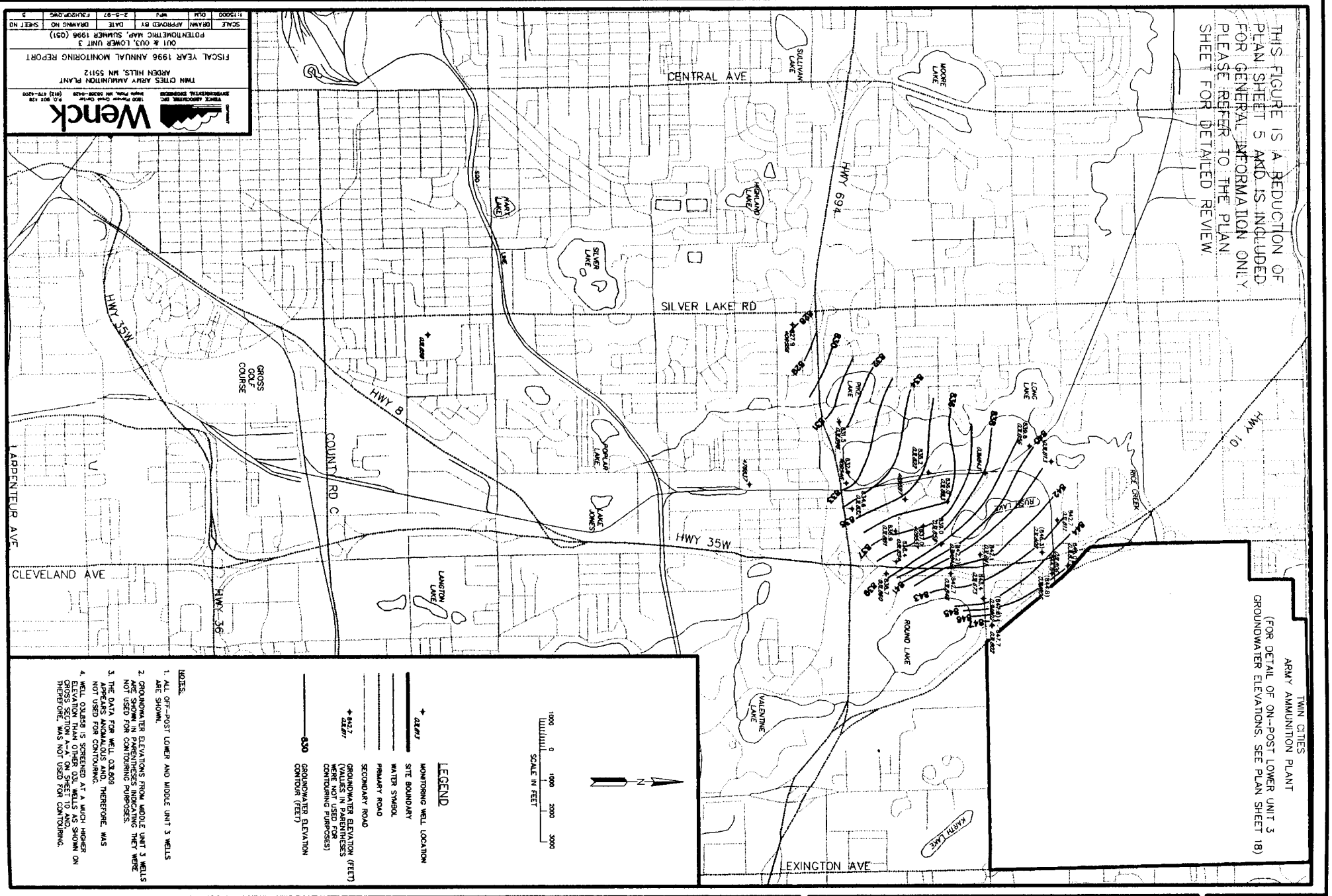
Fig. III-1



TWIN CITIES ARMY AMMUNITION PLANT

OU1 & OU3, Lower Unit 3 Potentiometric Map, SUMMER 1996 (Q51)

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Fig. III-2

TWIN CITIES ARMY AMMUNITION PLANT

OU1 & OU3, Upper Unit 4 Potentiometric Map, Summer 1996 (Q51)

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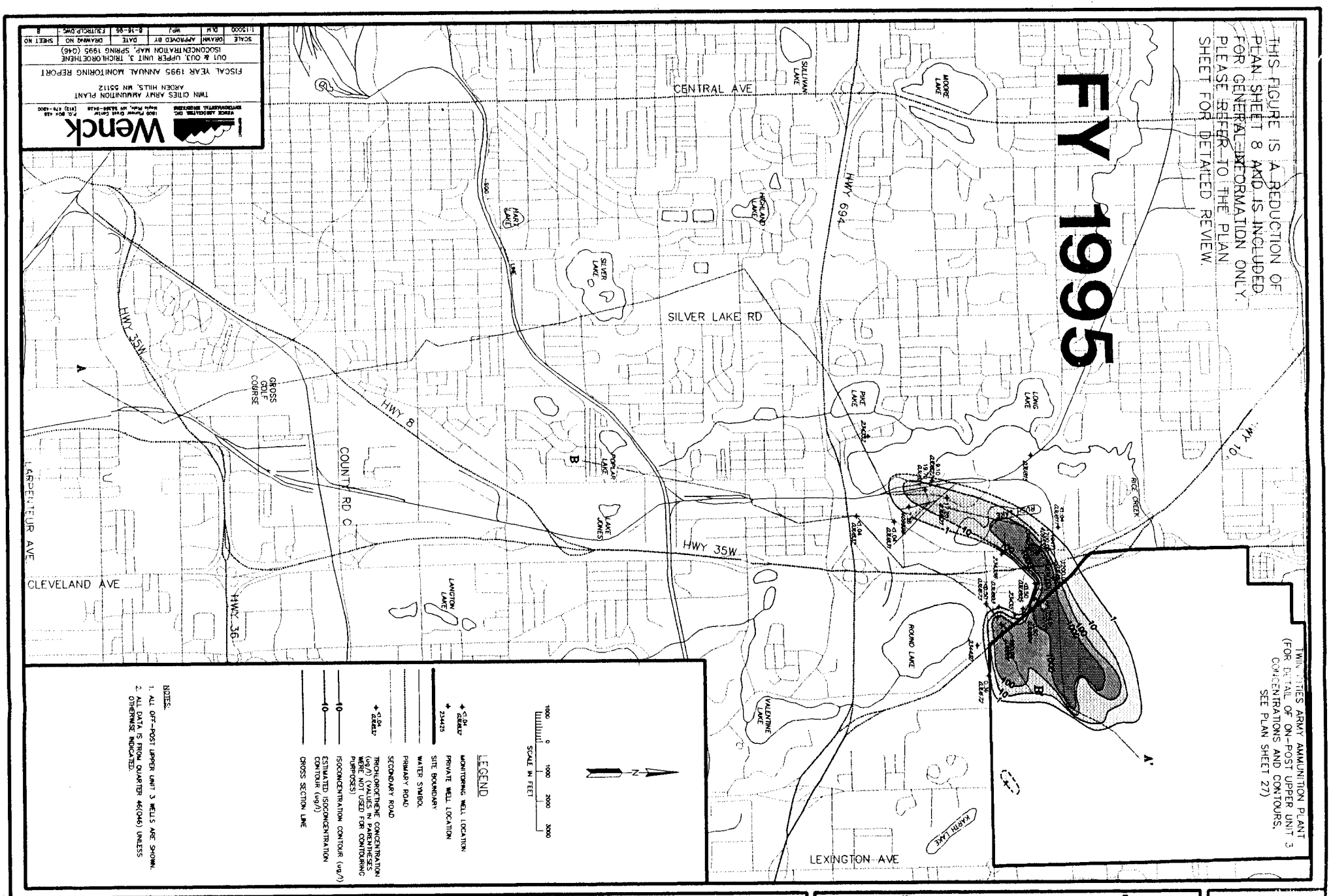
Fig. III-3


FY 1995
THIS FIGURE IS A REDUCTION OF PLAN SHEET 8 AND IS INCLUDED FOR GENERAL INFORMATION ONLY. PLEASE REFER TO THE PLAN SHEET FOR DETAILED REVIEW.
TWIN CITIES ARMY AMMUNITION PLANT
FISCAL YEAR 1995 ANNUAL MONITORING REPORT
OU1 & OU3, UPPER UNIT 3, TRICHLOROETHENE ISOCONCENTRATION MAP, SPRING 1995 (Q46)
CENTRAL AVE
HWY 694
SILVER LAKE RD
HWY 35W
HWY 8
COUNTY RD C
CLEVELAND AVE
HWY 36
LARPENTEUR AVE
LEXINGTON AVE
HWY 10
SULLIVAN LAKE
MOORE LAKE
HART LAKE
HIGHLAND LAKE
SILVER LAKE
POPLAR LAKE
LAKE JONES
LANGTON LAKE
PIKE LAKE
LONG LAKE
RICE CREEK
ROUND LAKE
VALENTINE LAKE
KARTH LAKE
GROSS GOLF COURSE
TWIN CITIES ARMY AMMUNITION PLANT (FOR DETAIL OF ON-POST UPPER UNIT 3 CONCENTRATIONS AND CONTOURS, SEE PLAN SHEET 27)
LEGEND
MONITORING WELL LOCATION
PRIVATE WELL LOCATION
SITE BOUNDARY
WATER SYMBOL
PRIMARY ROAD
SECONDARY ROAD
TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
ISOCONCENTRATION CONTOUR (ug/l)
ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)
CROSS SECTION LINE
SCALE IN FEET
1000 0 1000 2000 3000
NOTES:
1. ALL OFF-POST UPPER UNIT 3 WELLS ARE SHOWN.
2. ALL DATA IS FROM QUARTER 46(Q46) UNLESS OTHERWISE INDICATED.
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TWIN CITIES ARMY AMMUNITION PLANT
OU1 & OU3, Upper Unit 3 Trichloroethene Isoconcentration Map, Spring 1995 (Q46)

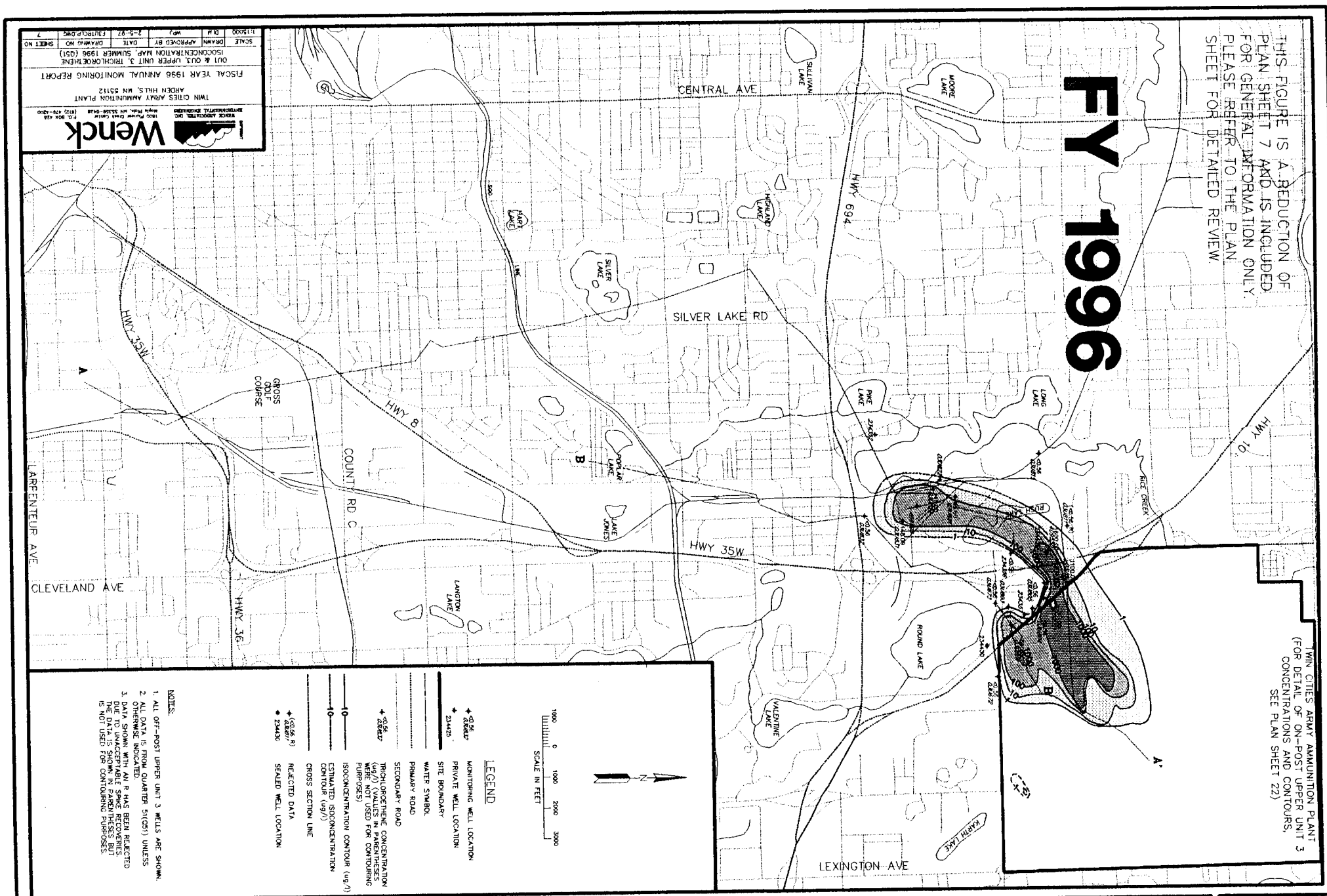
FY 1996
THIS FIGURE IS A REDUCTION OF PLAN SHEET 7 AND IS INCLUDED FOR GENERAL INFORMATION ONLY. PLEASE REFER TO THE PLAN SHEET FOR DETAILED REVIEW.
TWIN CITIES ARMY AMMUNITION PLANT
FISCAL YEAR 1996 ANNUAL MONITORING REPORT
OU1 & OU3, UPPER UNIT 3, TRICHLOROETHENE ISOCONCENTRATION MAP, SUMMER 1996 (Q51)
CENTRAL AVE
HWY 694
SILVER LAKE RD
HWY 35W
HWY 8
COUNTY RD C
CLEVELAND AVE
HWY 36
LARPENTEUR AVE
LEXINGTON AVE
HWY 10
SULLIVAN LAKE
MOORE LAKE
HART LAKE
HIGHLAND LAKE
SILVER LAKE
POPLAR LAKE
LAKE JONES
LANGTON LAKE
PIKE LAKE
LONG LAKE
RICE CREEK
ROUND LAKE
VALENTINE LAKE
KARTH LAKE
GROSS GOLF COURSE
TWIN CITIES ARMY AMMUNITION PLANT (FOR DETAIL OF ON-POST UPPER UNIT 3 CONCENTRATIONS AND CONTOURS, SEE PLAN SHEET 22)
LEGEND
MONITORING WELL LOCATION
PRIVATE WELL LOCATION
SITE BOUNDARY
WATER SYMBOL
PRIMARY ROAD
SECONDARY ROAD
TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
ISOCONCENTRATION CONTOUR (ug/l)
ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)
CROSS SECTION LINE
REJECTED DATA
SEALED WELL LOCATION
SCALE IN FEET
1000 0 1000 2000 3000
NOTES:
1. ALL OFF-POST UPPER UNIT 3 WELLS ARE SHOWN.
2. ALL DATA IS FROM QUARTER 51(Q51) UNLESS OTHERWISE INDICATED.
3. DATA SHOWN WITH AN R HAS BEEN REJECTED DUE TO UNACCEPTABLE SPIKE RECOVERIES THE DATA IS SHOWN IN PARENTHESES BUT IS NOT USED FOR CONTOURING PURPOSES.
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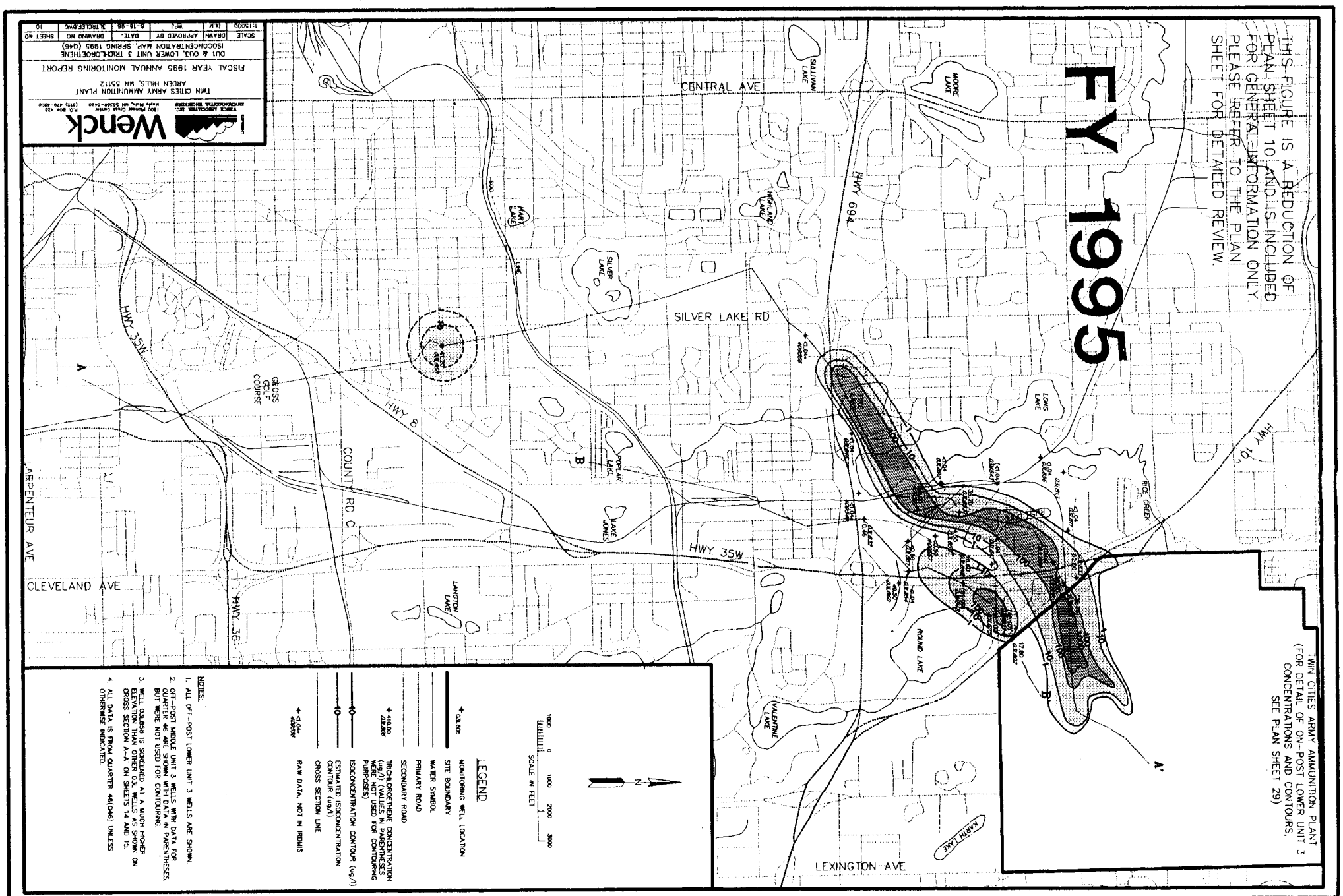
Fig. III-4
TWIN CITIES ARMY AMMUNITION PLANT
OU1 & OU3, Upper Unit 3 Trichloroethene Isoconcentration Map, Summer 1996 (Q51)



TWIN CITIES ARMY AMMUNITION PLANT

OU1 & OU3, Lower Unit 3 Trichloroethene Isoconcentration Map, Spring 1995 (Q46)

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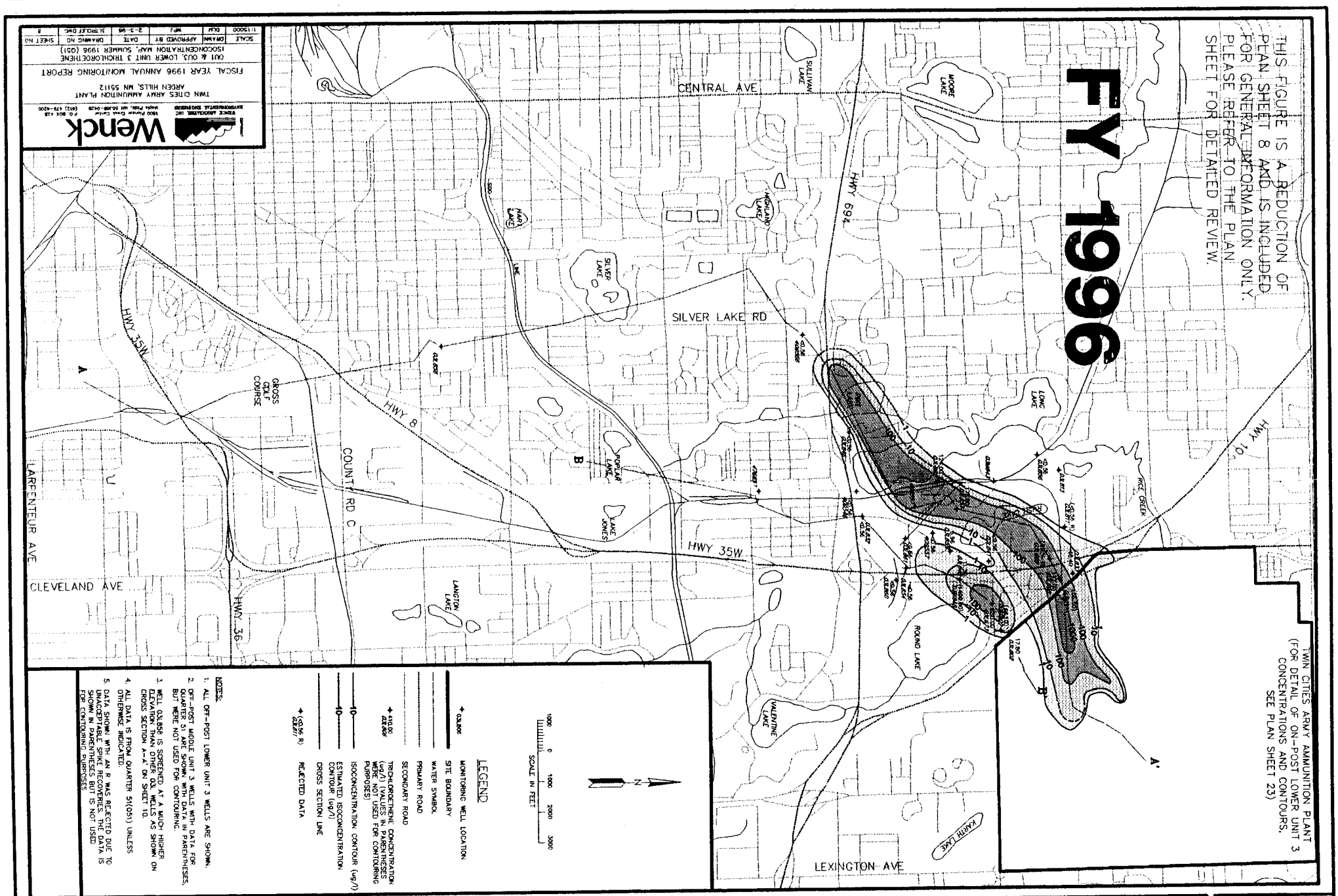

TWIN CITIES ARMY AMMUNITION PLANT

OU1 & OU3, Lower Unit 3 Trichloroethene Isoconcentration Map, Summer 1996 (Q51)

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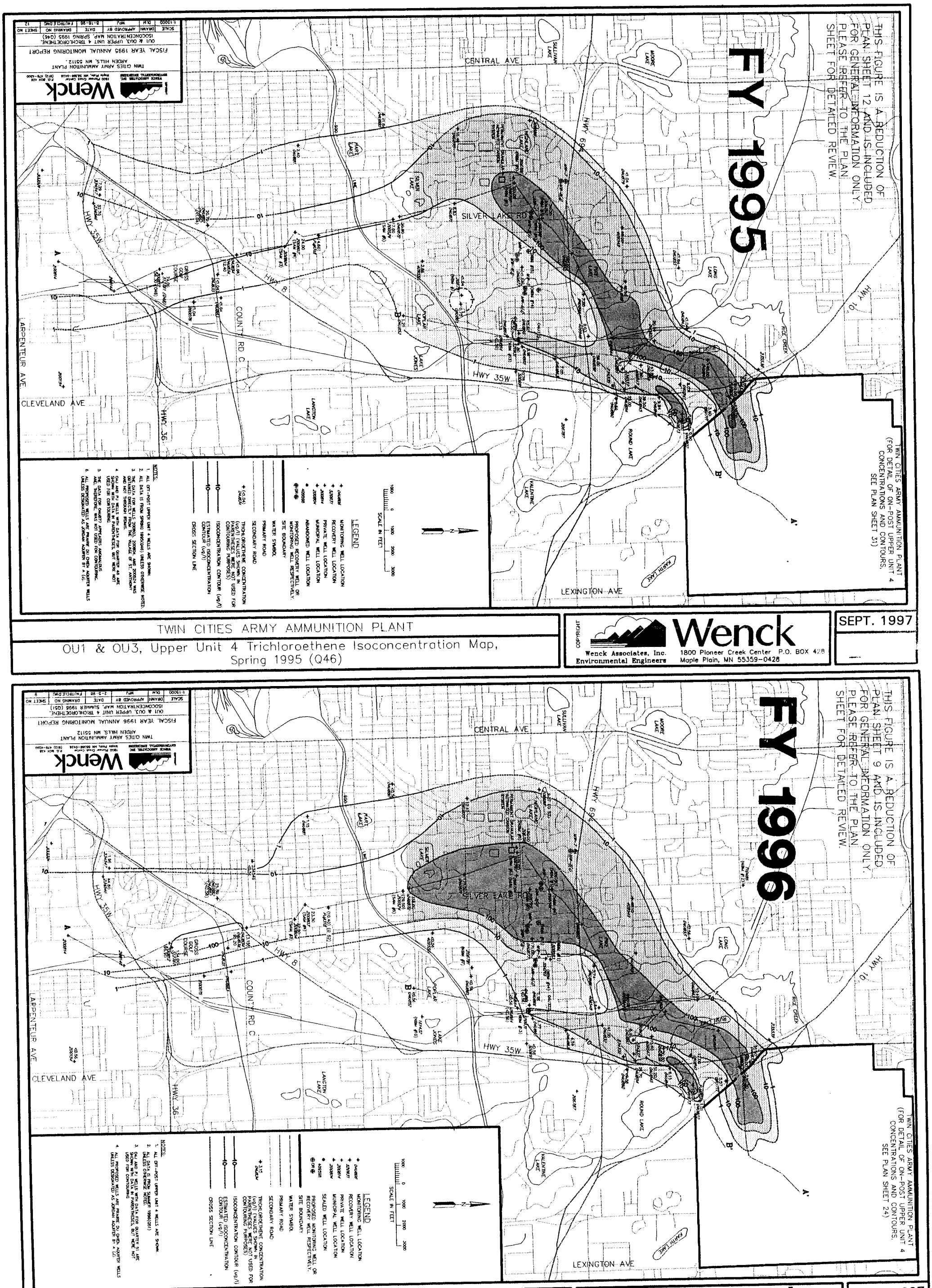
Fig. III-5



TWIN CITIES ARMY AMMUNITION PLANT

OU1 & OU3, Upper Unit 4 Trichloroethene Isoconcentration Map, Spring 1995 (Q46)

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OU1 & OU3, Upper Unit 4 Trichloroethene Isoconcentration Map, Summer 1996 (Q51)

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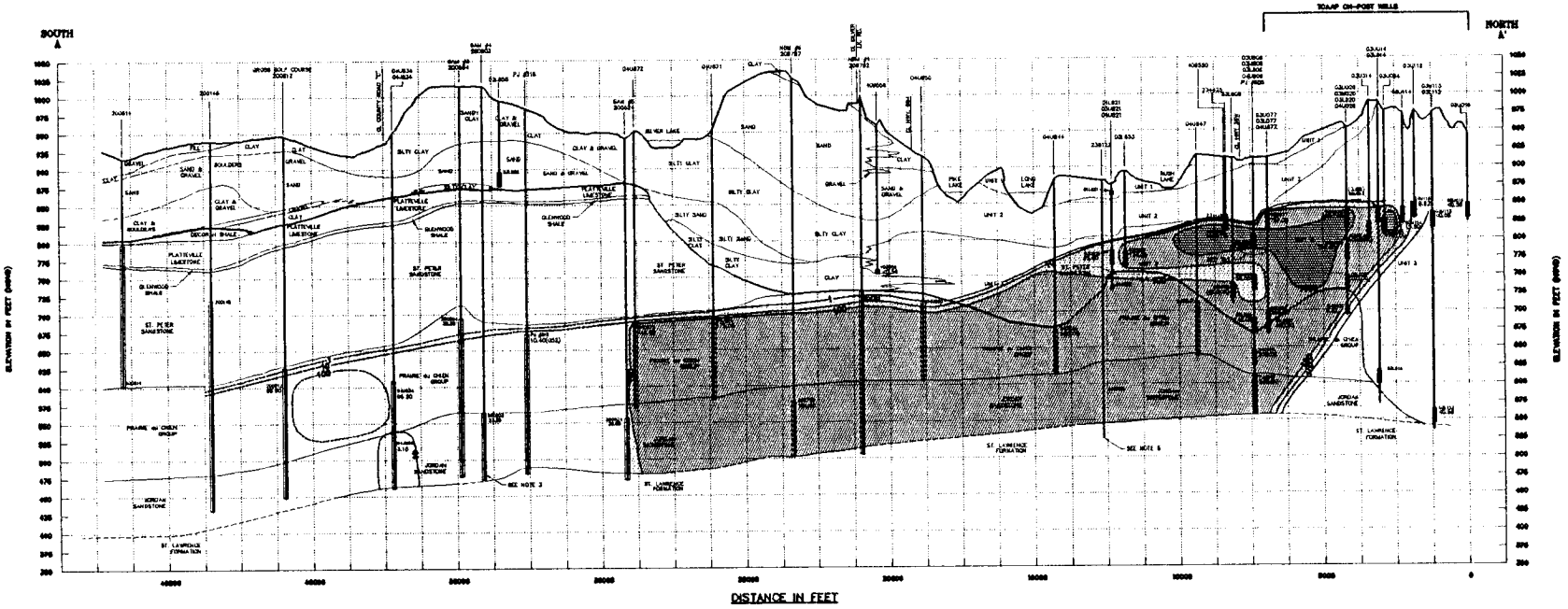
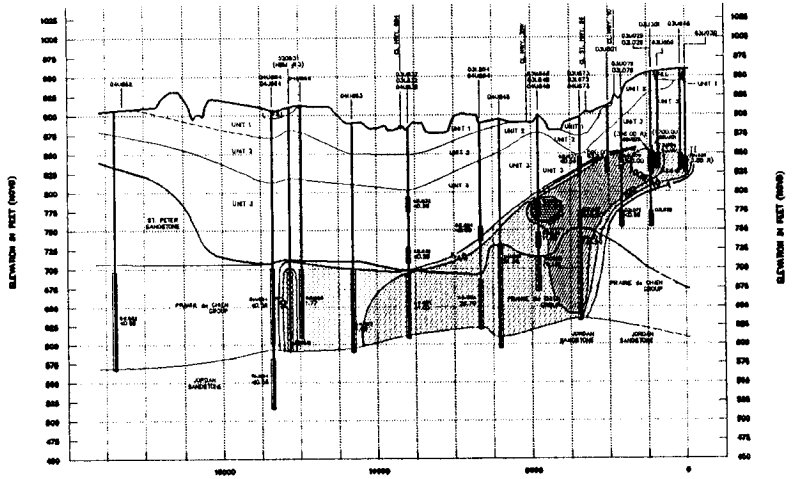
Fig. III-6



CROSS SECTION A-A'



CROSS SECTION B-B'

NOTES

(1) CROSS SECTION: TOPOGRAPHY CONSTRUCTED WITH DATA FROM U.S.G.S. NEW BRIGHTON 7.5 MINUTE SERIES QUAD MAP DATED 1967 (PHOTOREVISED 1972, AND 1980). WELL LOCATIONS AND THE "LINE" OF SECTION ARE SHOWN ON SHEET NO. 4.

(2) WELL NESTS, CONSISTING OF INDIVIDUAL WELLS IN THE SAME PROXIMITY, ARE REPRESENTED ON THE CROSS SECTION BY A SINGLE LINE WITH MULTIPLE WELL SCREENS.

(3) FOR SECTION A-A' NO INFORMATION WAS PROVIDED ON THE WELL LOG FOR 200803 (SAM #4) CONCERNING WELL CONSTRUCTION DETAILS, ESPECIALLY THE OPEN HOLE INTERVAL. AS THIS IS REFERRED TO AS A JORDAN WELL, THE OPEN HOLE WAS ASSUMED TO EXTEND FROM THE TOP OF THE JORDAN TO THE BOTTOM OF THE BOREHOLE.

(4) FOR SECTION B-B' NO INFORMATION WAS AVAILABLE ON THE WELL LOG FOR 03J029 AND 03J673 CONCERNING WELL CONSTRUCTION DETAILS, ESPECIALLY THE SCREENED INTERVALS. THE SCREENED INTERVALS FOR THESE WELLS WERE ASSUMED TO BE SIMILAR TO OTHER NEARBY UPPER UNIT 3 WELLS.

(5) WELL 236122 HAS BEEN SEALED, BUT IS SHOWN SINCE IT WAS USED TO PREPARE THE CROSS SECTION.

(6) ALL DATA IS FROM SUMMER 1996 (Q51) UNLESS OTHERWISE NOTED.

LEGEND

- GEOLOGIC CONTACT
- INFERRED GEOLOGIC CONTACT
- SCREENED INTERVAL OF WELL
- OPEN HOLE INTERVAL OF WELL
- TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
- 10 — ISOCONCENTRATION CONTOUR (ug/l)
- 10 ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)

SCALE

VERTICAL: 1 INCH = 75 FEET

HORIZONTAL: 1 INCH = 1875 FEET

V.E. = 25X

THIS FIGURE IS A REDUCTION OF PLAN SHEET 10 AND IS INCLUDED FOR GENERAL INFORMATION ONLY. PLEASE REFER TO THE PLAN SHEET FOR DETAILED REVIEW.

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TWIN CITIES ARMY AMMUNITION PLANT
ARDEN HILLS, MN 55112

FISCAL YEAR 1996 ANNUAL MONITORING REPORT

OU1 & OU3 TRICHLOROETHENE CROSS SECTIONS A-A' AND B-B' SUMMER 1996 (Q51)

SCALE	DRAWN	APPROVED BY	DATE	DRAWING NO	SHEET NO
AS SHOWN	DJM	MPJ	2-5-97	TCKSTRCL.DWG	10

TWIN CITIES ARMY AMMUNITION PLANT

OU1 & OU3, Trichloroethene Cross Section A-A' and B-B', Summer 1996 (Q51)

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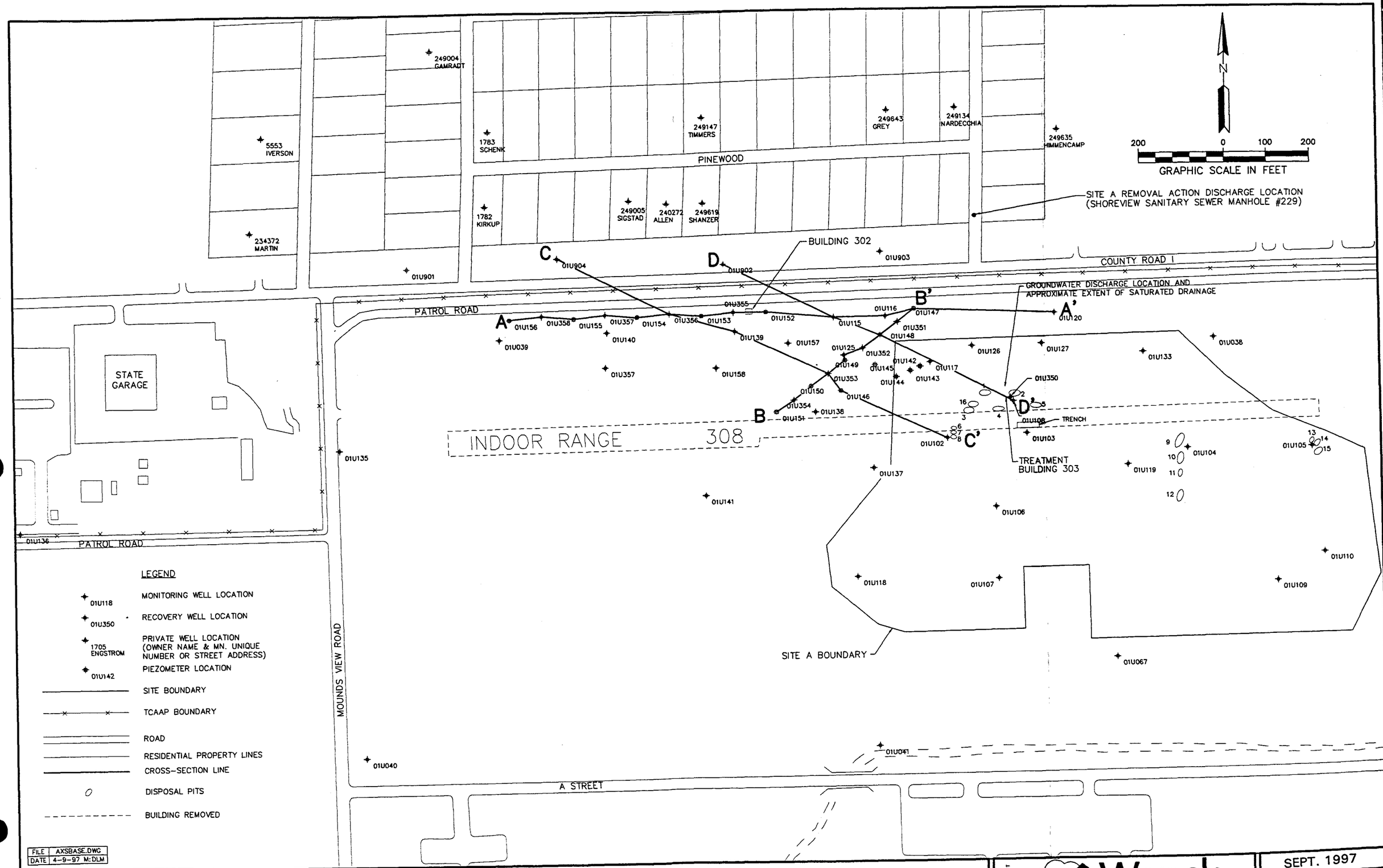
Fig. III-7



TWIN CITIES ARMY AMMUNITION PLANT

Site A Cross-Section Location Map

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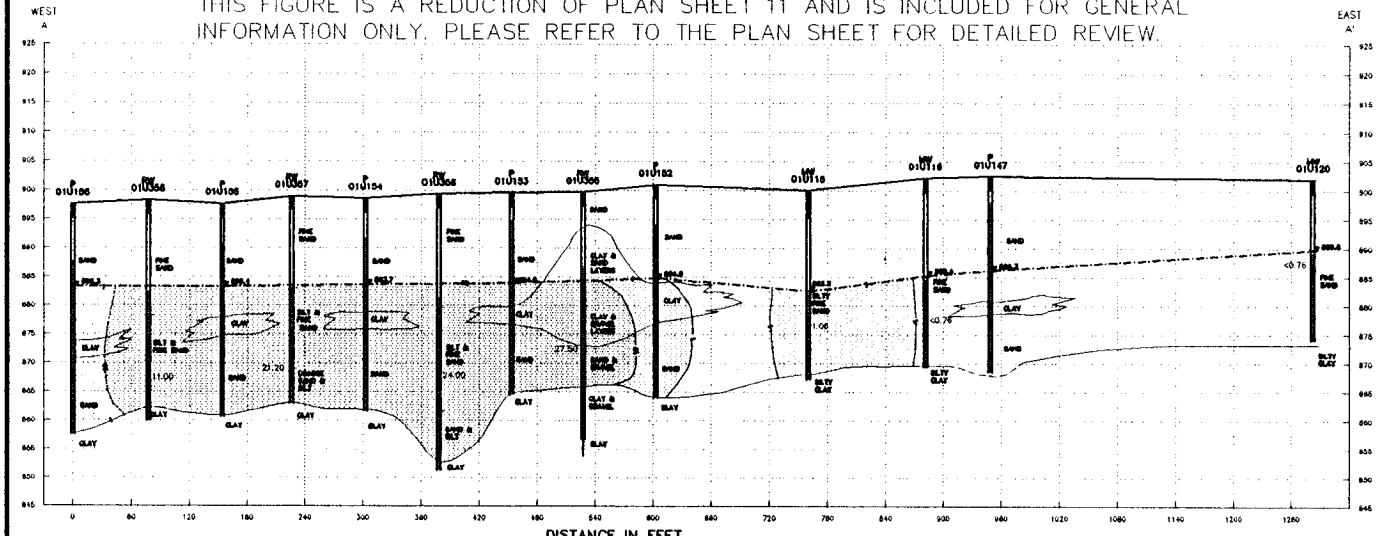
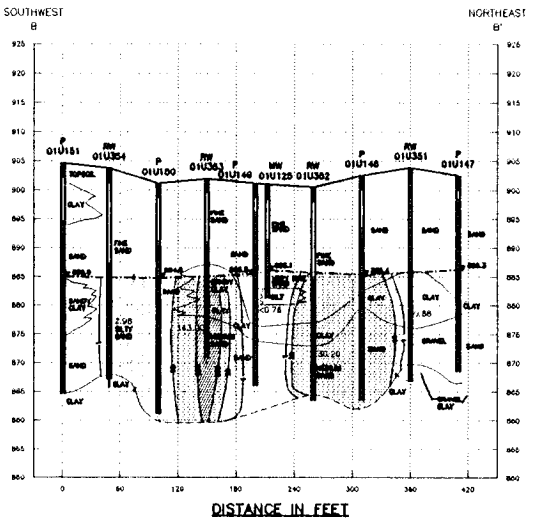
Figure No. IV-1

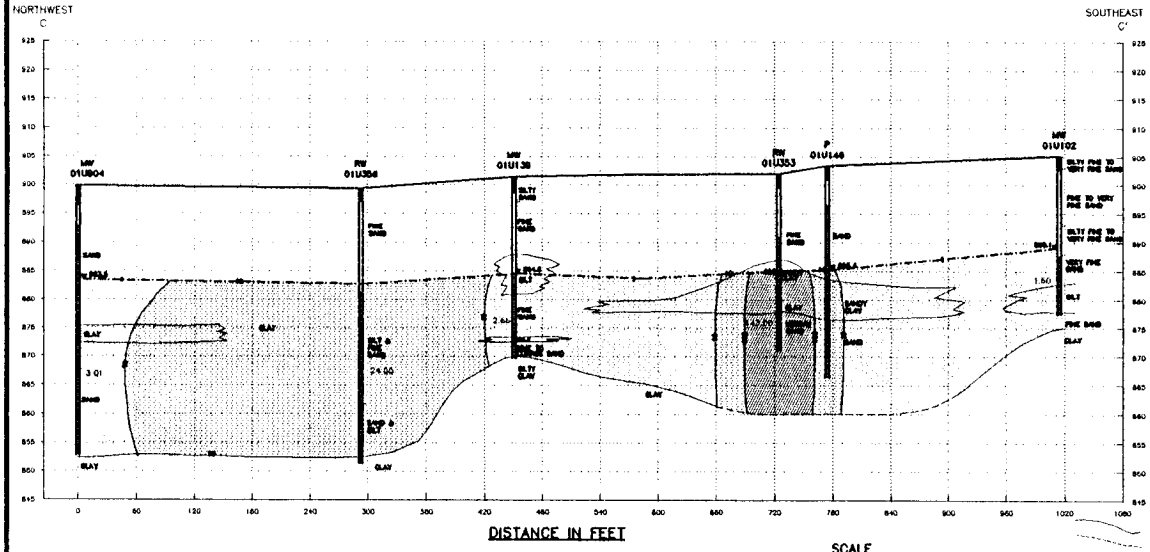
THIS FIGURE IS A REDUCTION OF PLAN SHEET 11 AND IS INCLUDED FOR GENERAL INFORMATION ONLY. PLEASE REFER TO THE PLAN SHEET FOR DETAILED REVIEW.



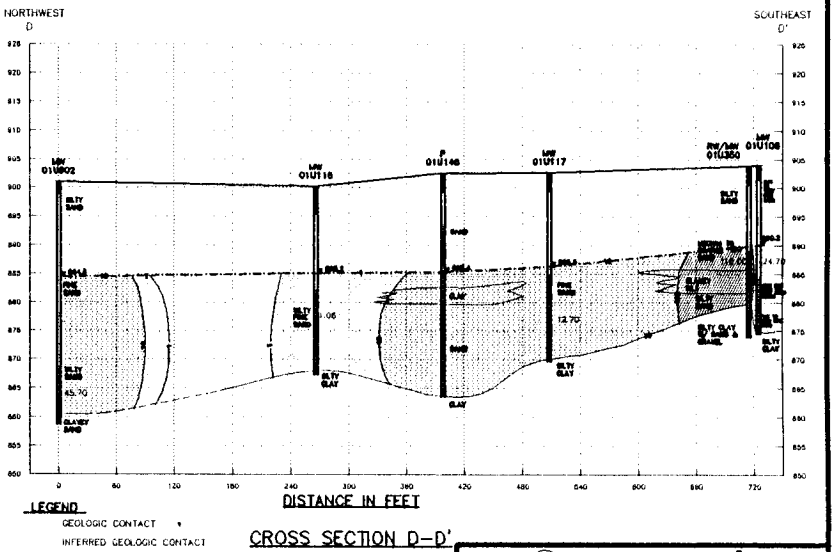
CROSS SECTION A-A'



CROSS SECTION B-B'



CROSS SECTION C-C'



CROSS SECTION D-D'

NOTE:

1. ALL WATER LEVEL AND QUALITY DATA IS FROM QTR. 51
2. WELL 01U350 WAS USED AS A RECOVERY WELL UNTIL JUNE 1994 WHEN THE PUMP WAS REMOVED AND THE WELL BEGAN BEING USED AS A MONITORING WELL.
3. DATA ON RECOVERY WELLS AND PIEZOMETERS WAS GENERATED BY DAHL AND ASSOCIATES, INC. AS PART OF THE SITE A REMOVAL ACTION SYSTEM CONSTRUCTION. DATA ON MONITORING WELLS PROVIDED BY FEDERAL CARTRIDGE COMPANY.
4. WATER QUALITY SAMPLES COLLECTED FROM RECOVERY WELLS ARE RECOGNIZED TO BE DILUTED AND ARE NOT MEANT TO REPRESENT ABSOLUTE CONCENTRATIONS.

SCALE

VERTICAL:
1 INCH = 10 FEET

HORIZONTAL:
1 INCH = 60 FEET

V.E. = 6X

LEGEND

- GEOLOGIC CONTACT
- INFERRED GEOLOGIC CONTACT
- SCREENED INTERVAL OF WELL
- PUMP LOCATION
- 1,2-DICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
- ISOCONCENTRATION CONTOUR (ug/l)
- WATER LEVEL SURFACE
- SLIGHT CHANGE IN GEOLOGIC UNIT (MARK LOCATED ALONG WELL STAFF)
- MONITORING WELL
- RECOVERY WELL
- PIEZOMETER

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TWIN CITIES ARMY AMMUNITION PLANT
ARDEN HILLS, MN 55112

FISCAL YEAR 1996 ANNUAL MONITORING REPORT

SITE A, 1,2-DICHLOROETHENE CROSS SECTIONS
A-A', B-B', C-C', D-D', SUMMER 1996 (Q51)

SCALE	DRAWN	APPROVED BY	DATE	DRAWING NO	SHEET NO
1:720	DLM	MPJ	2-5-97	CAS0184.DWG	11

TWIN CITIES ARMY AMMUNITION PLANT

Site A, 1,2-Dichloroethene Cross Sections A-A', B-B', C-C', D-D', Summer 1996 (Q51)

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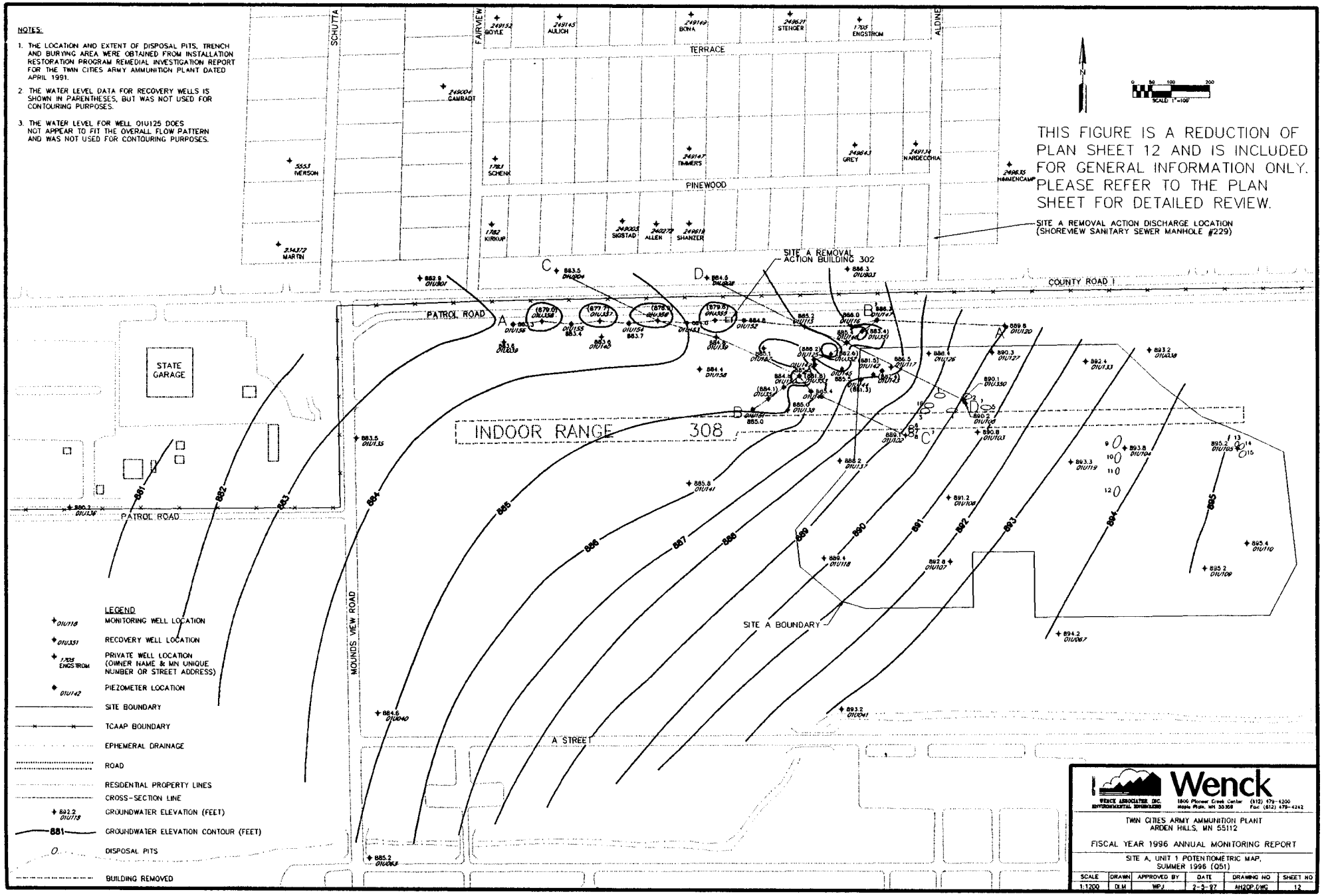
Fig IV-2



TWIN CITIES ARMY AMMUNITION PLANT

Site A, Unit 1 Potentiometric Map, Summer 1996 (Q51)

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Fig. IV-3

SITE A, UNIT 1 GROUNDWATER HYDROGRAPHS: MONITORING WELLS

TWIN CITIES ARMY AMMUNITION PLANT

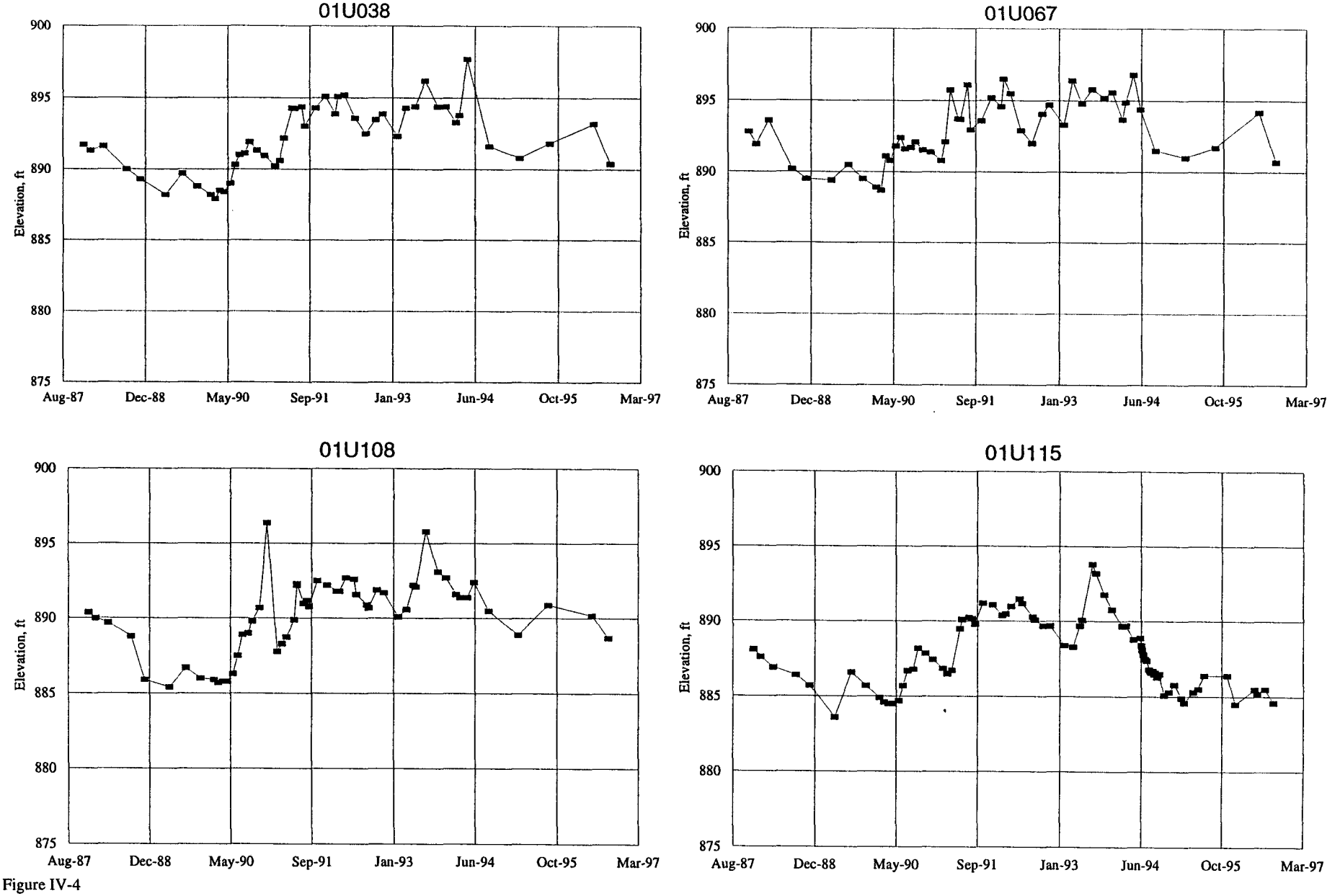
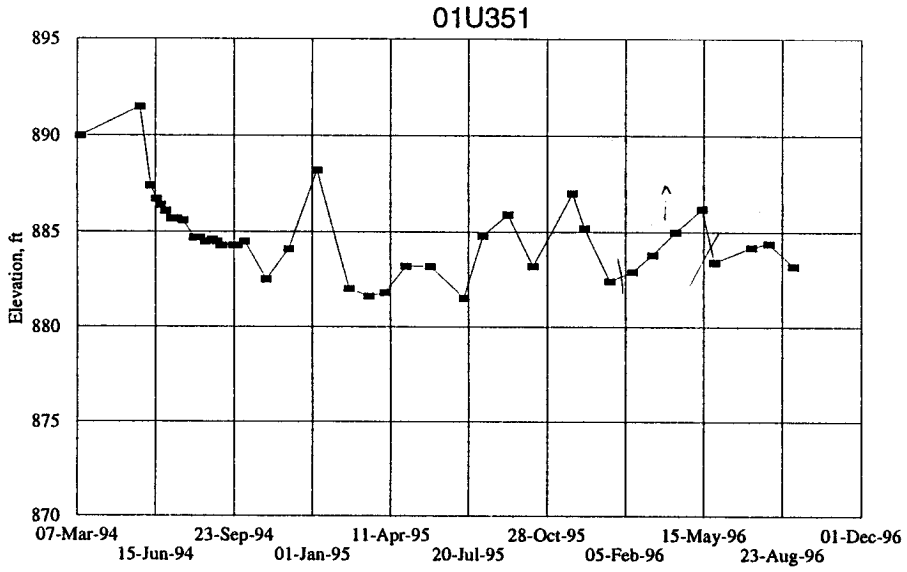
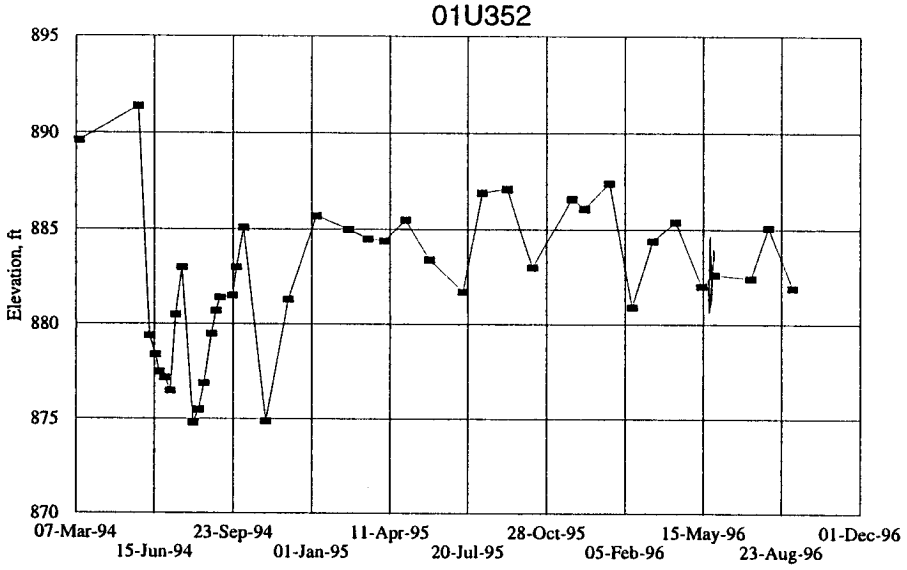


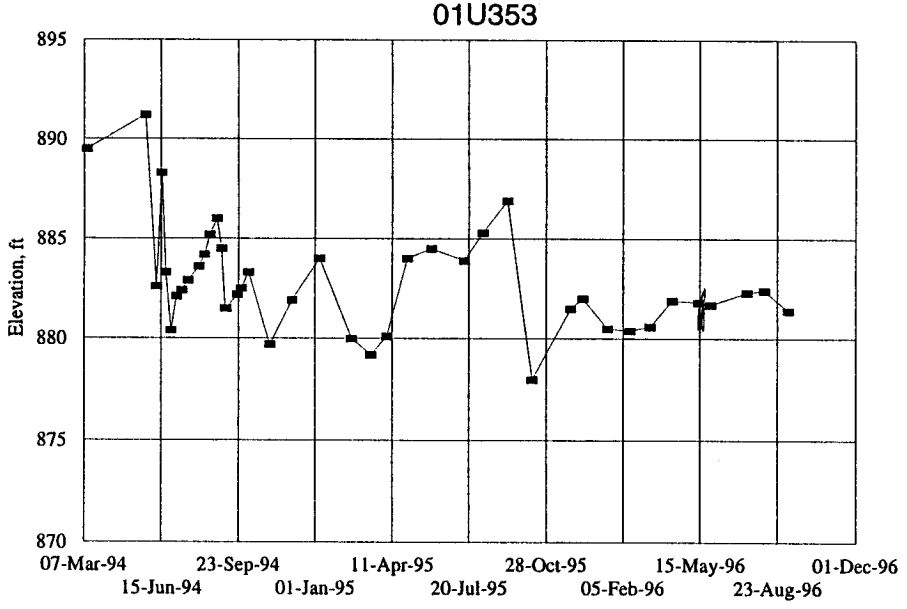
Figure IV-4
Wenck Associates, Inc.

SITE A, UNIT 1 GROUNDWATER HYDROGRAPHS: RECOVERY WELLS

TWIN CITIES ARMY AMMUNITION PLANT







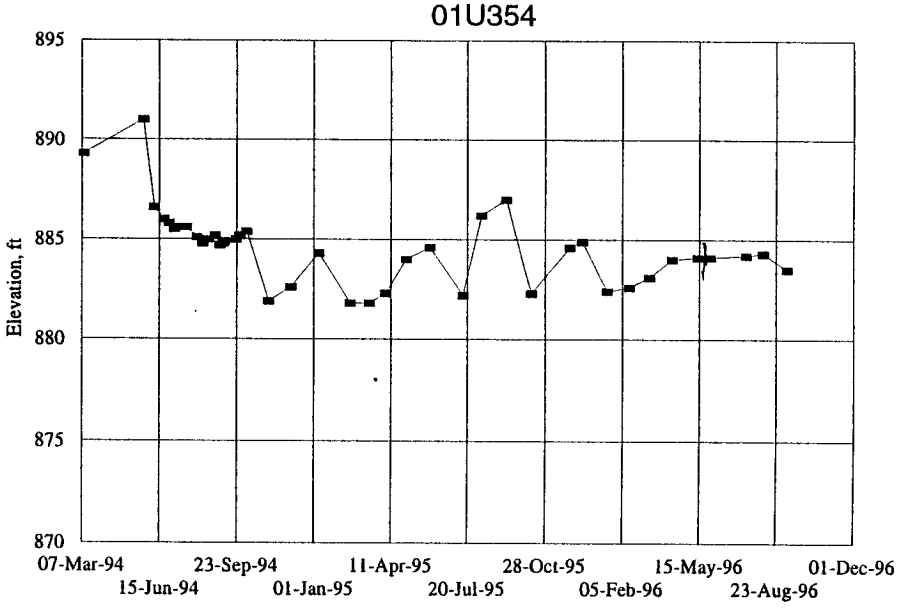
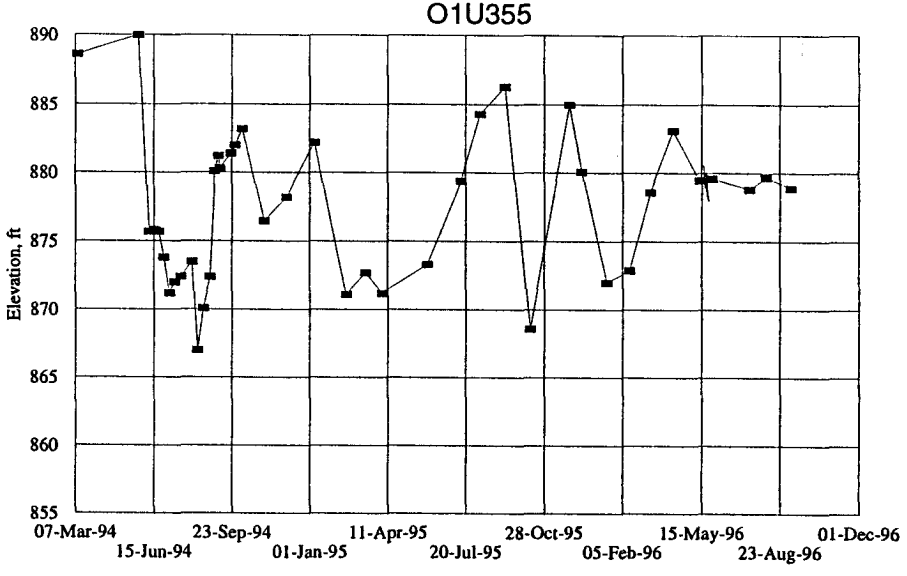
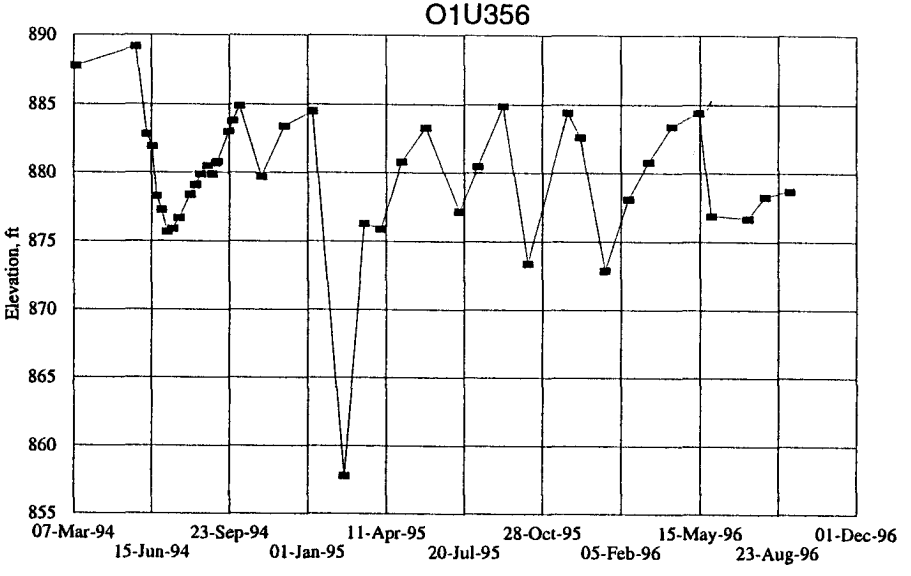


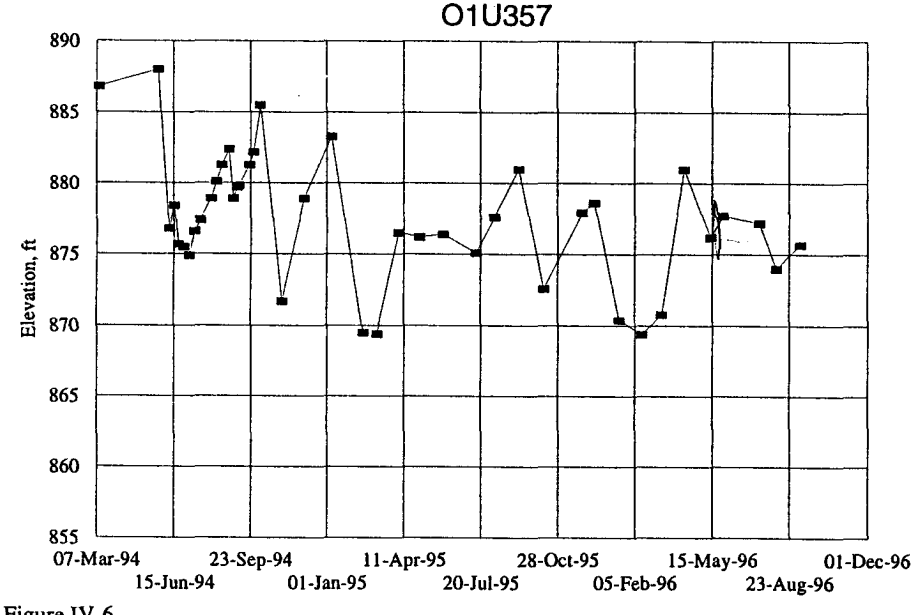
Figure IV-5
Wenck Associates, Inc.

SITE A, UNIT 1 GROUNDWATER HYDROGRAPHS: RECOVERY WELLS

TWIN CITIES ARMY AMMUNITION PLANT







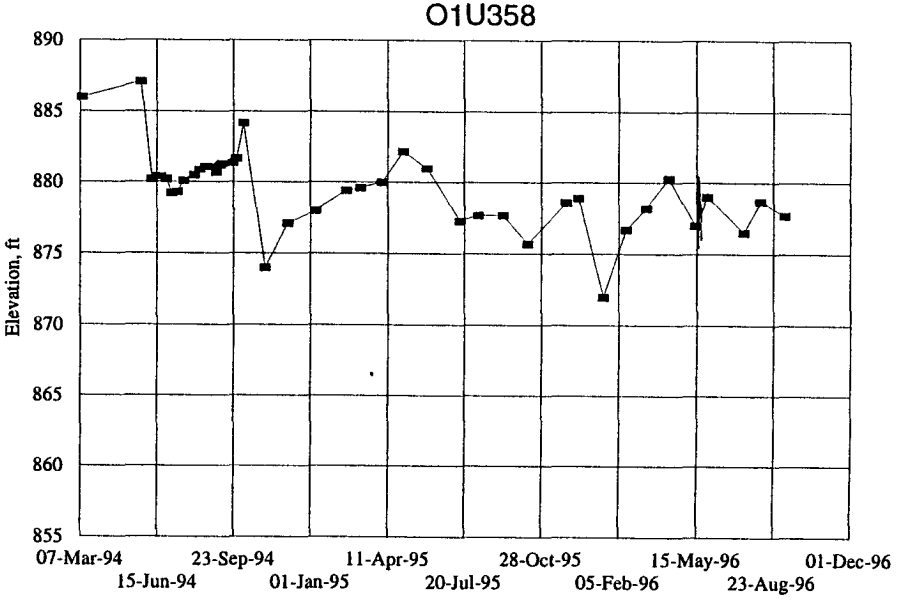
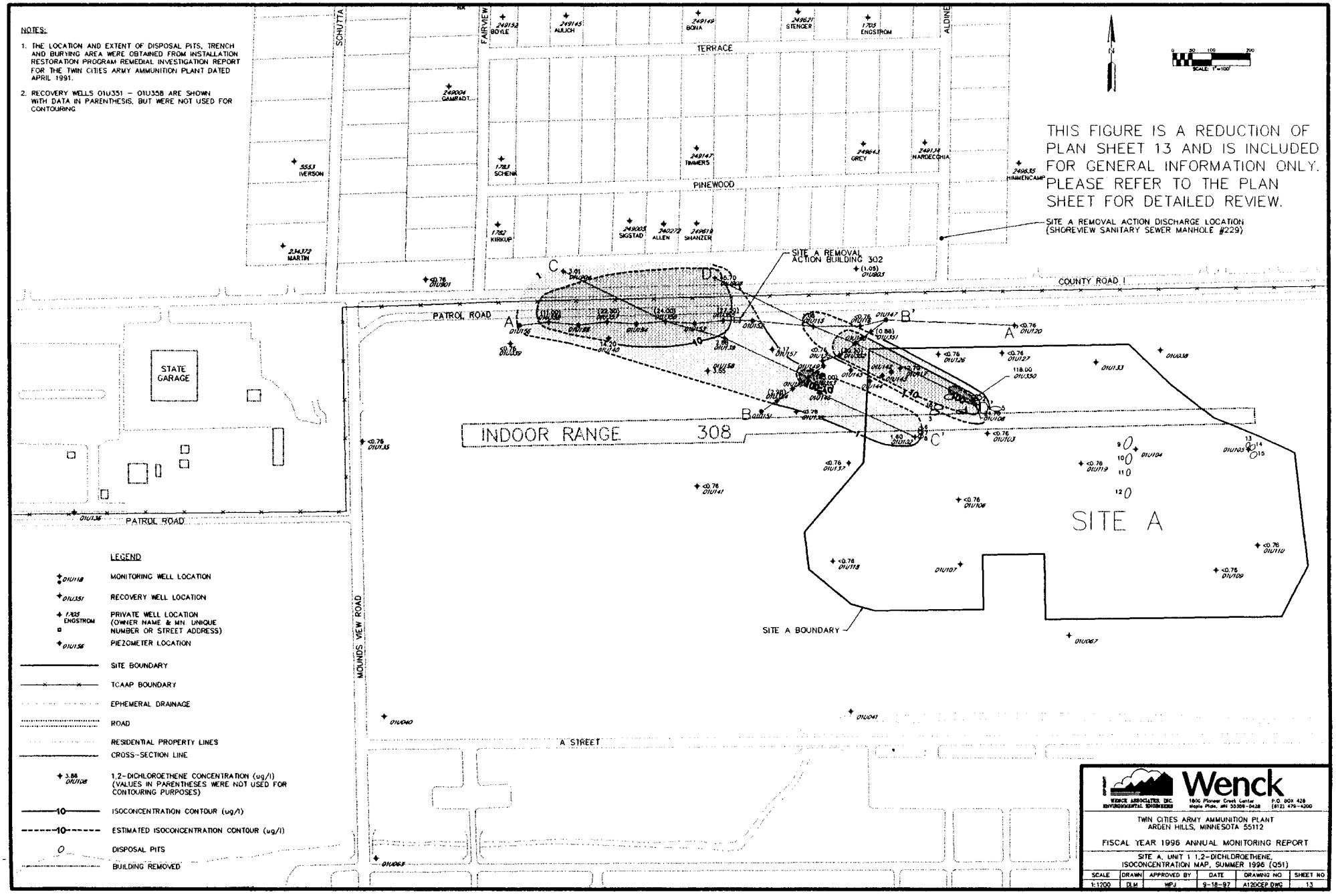


Figure IV-6
Wenck Associates, Inc.



TWIN CITIES ARMY AMMUNITION PLANT

Site A, Unit 1 1,2-Dichloroethene Isoconcentration Map, Summer 1996 (Q51)

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Fig. IV-7

NOTES:

1. THE LOCATION AND EXTENT OF DISPOSAL PITS, TRENCH AND BURYING AREA WERE OBTAINED FROM INSTALLATION RESTORATION PROGRAM REMEDIAL INVESTIGATION REPORT FOR THE TWIN CITIES ARMY AMMUNITION PLANT DATED APRIL 1991.
2. RECOVERY WELLS 01U351 – 01U358 ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.

FY 1995

THIS FIGURE IS A REDUCTION OF PLAN SHEET 19 AND IS INCLUDED FOR GENERAL INFORMATION ONLY. PLEASE REFER TO THE PLAN SHEET FOR DETAILED REVIEW.

SITE A REMOVAL ACTION DISCHARGE LOCATION (SHOREVIEW SANITARY SEWER MANHOLE #229)

SITE A REMOVAL ACTION BUILDING 302

INDOOR RANGE 308

SITE A BOUNDARY

LEGEND

- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- PRIVATE WELL LOCATION (OWNER NAME & MN. UNIQUE NUMBER OR STREET ADDRESS)
- PIEZOMETER LOCATION
- RAW DATA, NOT IN IRDMIS
- SITE BOUNDARY
- TCAAP BOUNDARY
- EPHEMERAL DRAINAGE
- ROAD
- RESIDENTIAL PROPERTY LINES
- CROSS-SECTION LINE
- TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
- ISOCONCENTRATION CONTOUR (ug/l)
- ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)
- DISPOSAL PITS
- BUILDING REMOVED

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TWIN CITIES ARMY AMMUNITION PLANT
ARDEN HILLS, MN 55112

FISCAL YEAR 1995 ANNUAL MONITORING REPORT

SITE A, UNIT 1 TRICHLOROETHENE ISOCONCENTRATION MAP, SPRING 1995 (Q46)

SCALE	DRAWN	APPROVED BY	DATE	DRAWING NO	SHEET NO
1:1200	DLM	WPJ	8-15-95	ATRCLEP.DWG	19

TWIN CITIES ARMY AMMUNTION PLANT

Site A, Unit 1 Trichloroethene Isoconcentration Map, Spring 1995 (Q46)

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FY 1996

THIS FIGURE IS A REDUCTION OF PLAN SHEET 14 AND IS INCLUDED FOR GENERAL INFORMATION ONLY. PLEASE REFER TO THE PLAN SHEET FOR DETAILED REVIEW.

SITE A REMOVAL ACTION DISCHARGE LOCATION (SHOREVIEW SANITARY SEWER MANHOLE #229)

SITE A REMOVAL ACTION BUILDING 302

INDOOR RANGE 308

SITE A BOUNDARY

NOTES:

1. THE LOCATION AND EXTENT OF DISPOSAL PITS, TRENCH AND BURYING AREA WERE OBTAINED FROM INSTALLATION RESTORATION PROGRAM REMEDIAL INVESTIGATION REPORT FOR THE TWIN CITIES ARMY AMMUNITION PLANT DATED APRIL 1991.
2. RECOVERY WELLS 01U351 – 01U358 ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
3. REJECTED DATA IS SHOWN IN PARENTHESIS BUT WAS NOT USED FOR CONTOURING.

LEGEND

- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- PRIVATE WELL LOCATION (OWNER NAME & MN. UNIQUE NUMBER OR STREET ADDRESS)
- PIEZOMETER LOCATION
- DATA REJECTED. SEE NOTE ABOVE.
- SITE BOUNDARY
- TCAAP BOUNDARY
- EPHEMERAL DRAINAGE
- ROAD
- RESIDENTIAL PROPERTY LINES
- CROSS-SECTION LINE
- TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
- ISOCONCENTRATION CONTOUR (ug/l)
- ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)
- DISPOSAL PITS
- BUILDING REMOVED

Wenck

TWIN CITIES ARMY AMMUNITION PLANT
ARDEN HILLS, MN 55112

FISCAL YEAR 1996 ANNUAL MONITORING REPORT

SITE A, UNIT 1 TRICHLOROETHENE ISOCONCENTRATION MAP, SUMMER 1996 (Q51)

SCALE	DRAWN	APPROVED BY	DATE	DRAWING NO	SHEET NO
1:1200	DLM	WPJ	2-2-97	ATRCLEP.DWG	14

TWIN CITIES ARMY AMMUNTION PLANT

Site A, Unit 1 Trichloroethene Isoconcentration Map, Summer 1996 (Q51)

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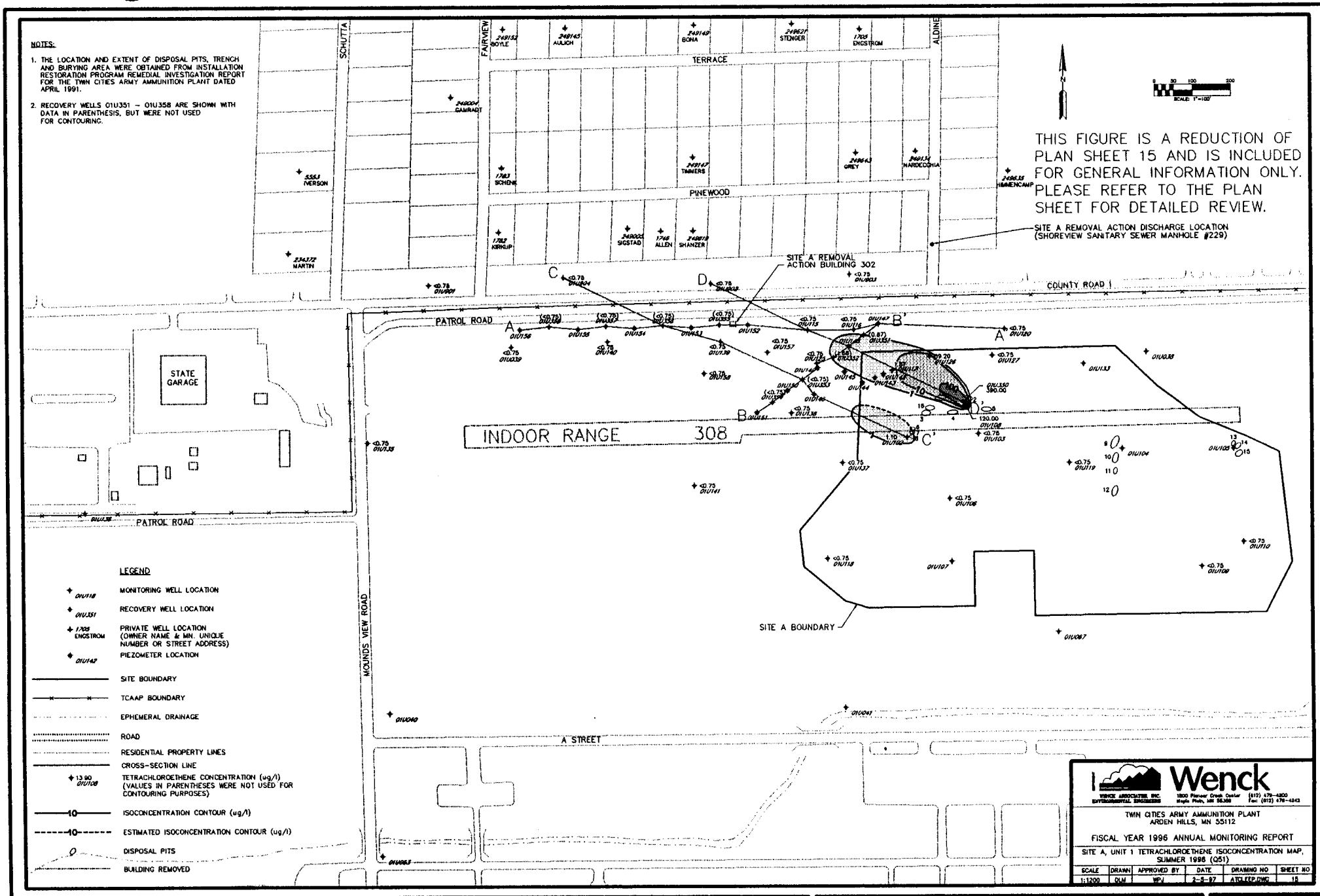
Fig. IV-8



TWIN CITIES ARMY AMMUNTION PLANT

Site A, Unit 1 Tetrachloroethene Isoconcentration Map, Summer 1996 (Q51)

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Fig. IV-9

SITE A, 1,2-DICHLOROETHENE WATER QUALITY TRENDS: RECOVERY WELLS

TWIN CITIES ARMY AMMUNITION PLANT

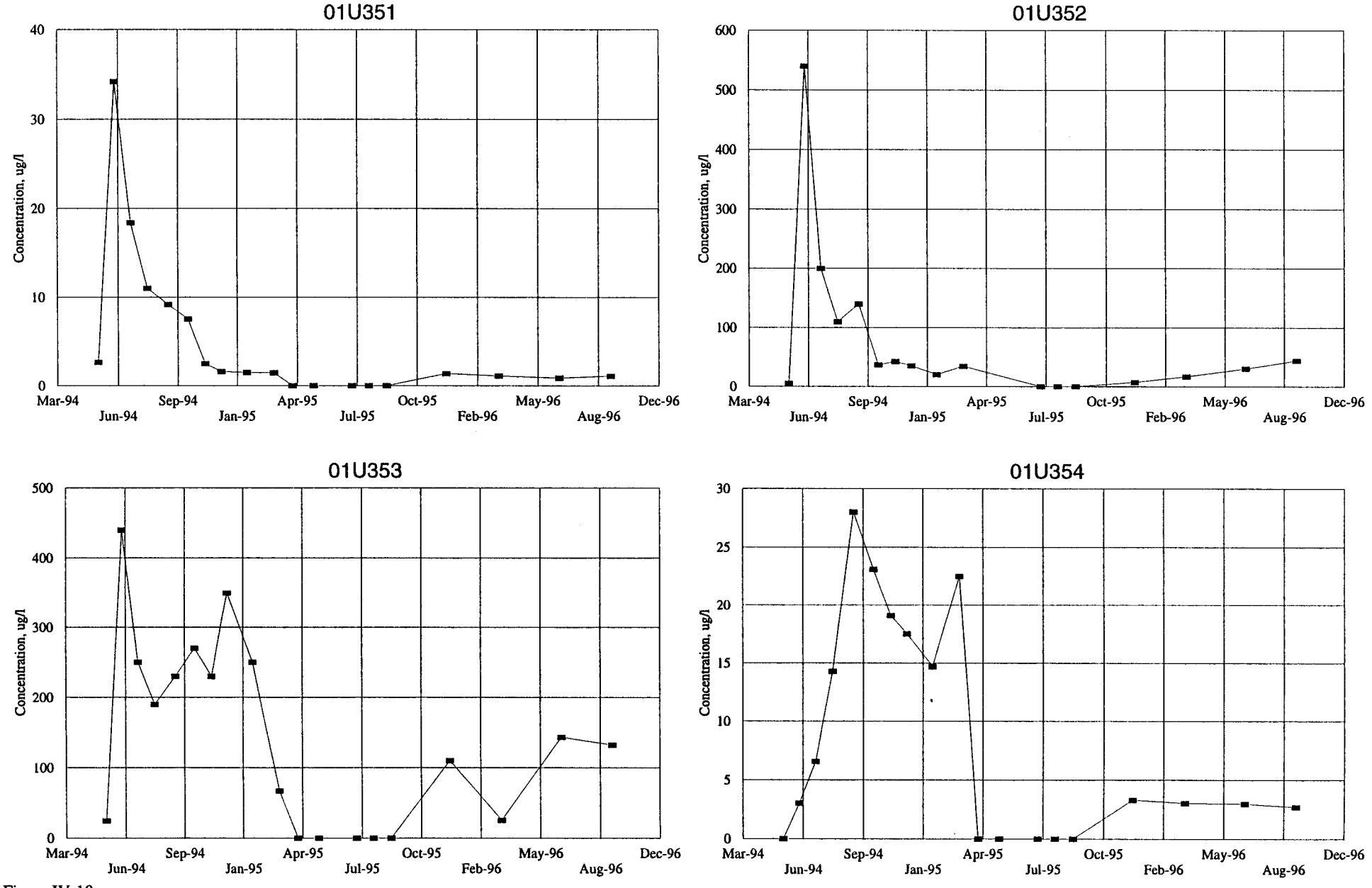
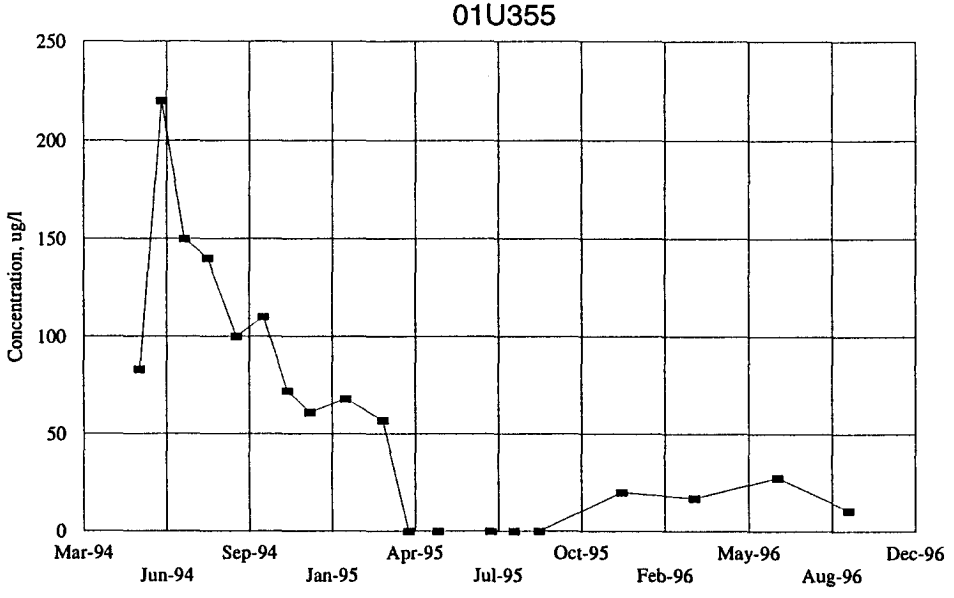
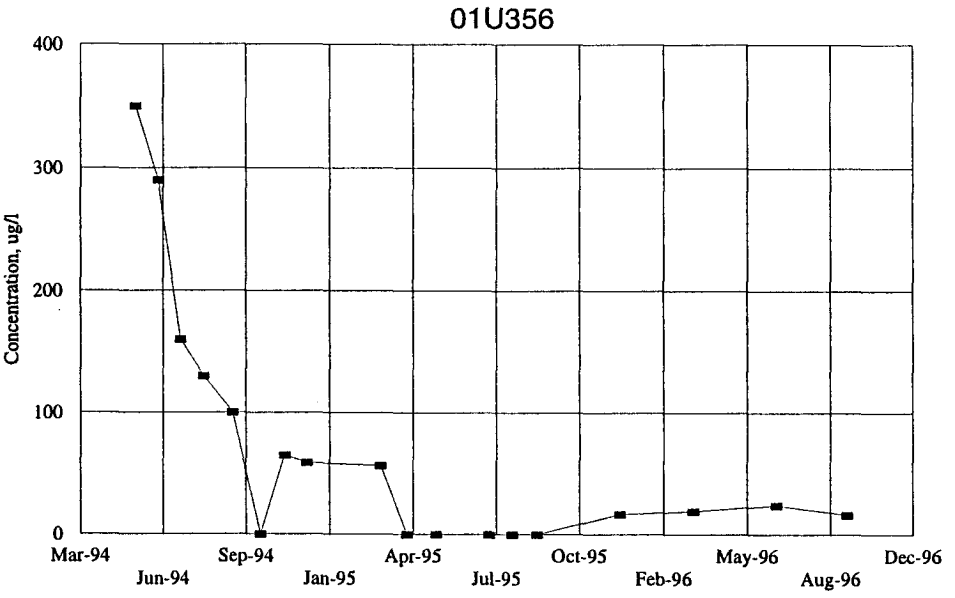


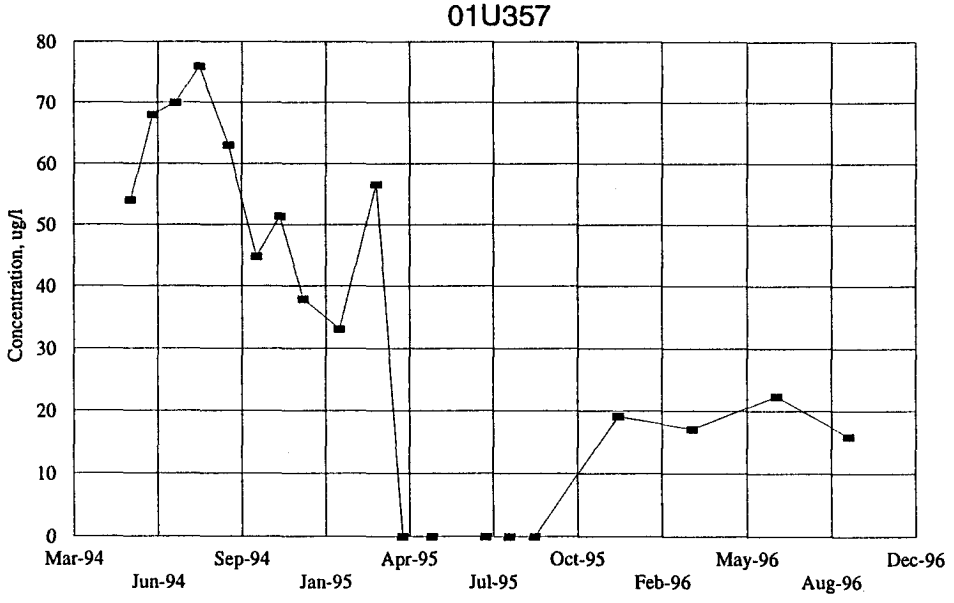
Figure IV-10
Wenck Associates, Inc.

SITE A, 1,2-DICHLOROETHENE WATER QUALITY TRENDS: RECOVERY WELLS

TWIN CITIES ARMY AMMUNITION PLANT







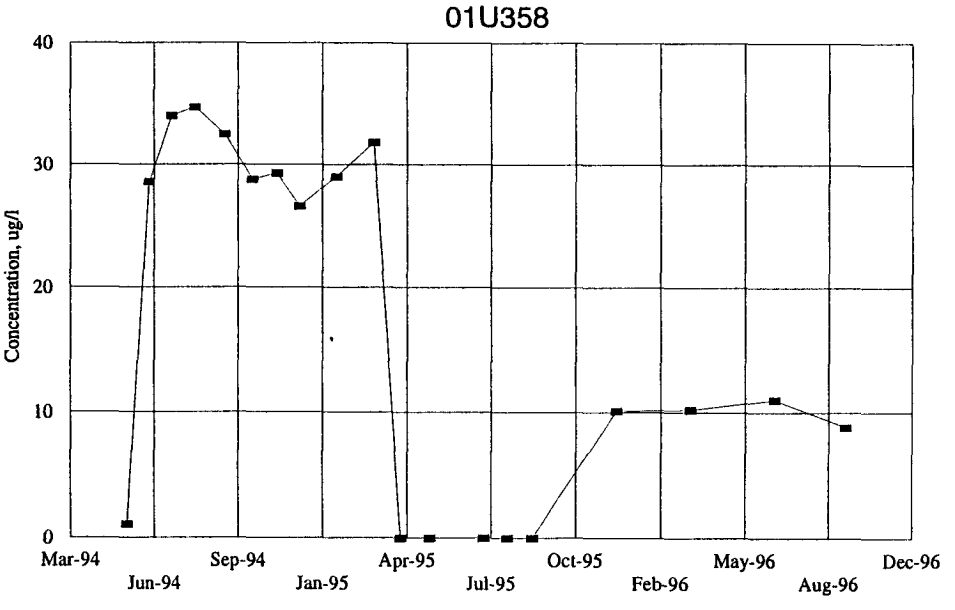


Figure IV-11
Wenck Associates, Inc.

SITE A, 1,2-DICHLOROETHENE WATER QUALITY TRENDS: MONITORING WELLS

TWIN CITIES ARMY AMMUNITION PLANT

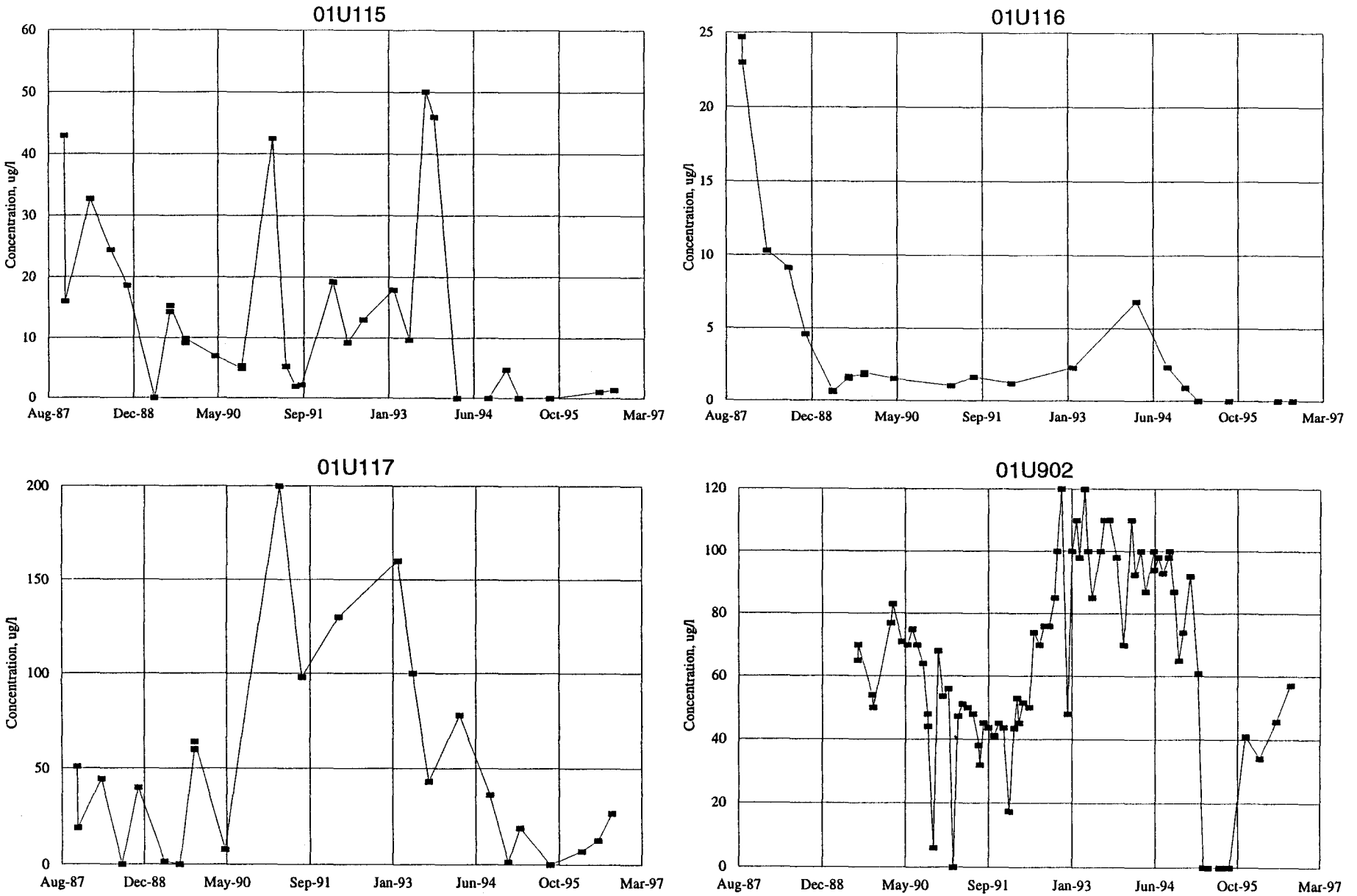
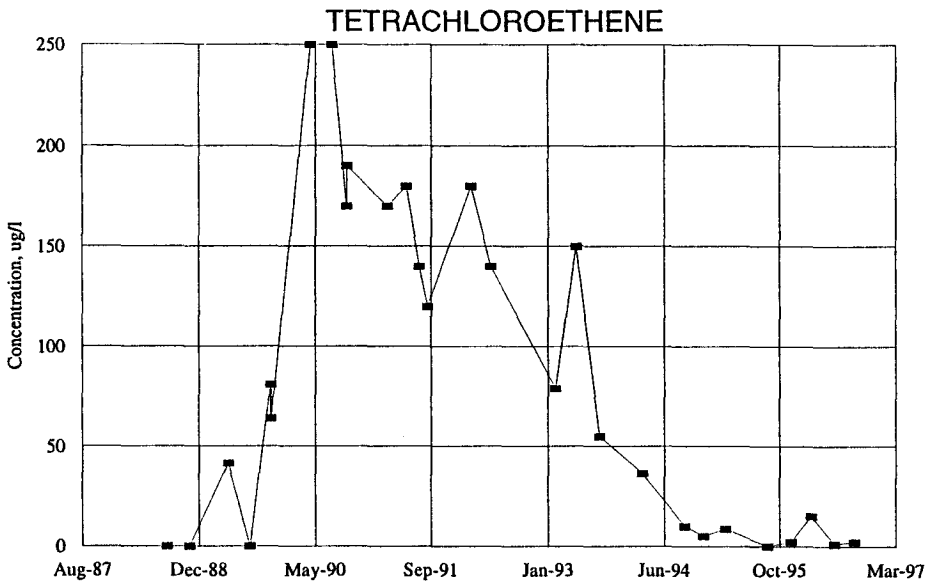
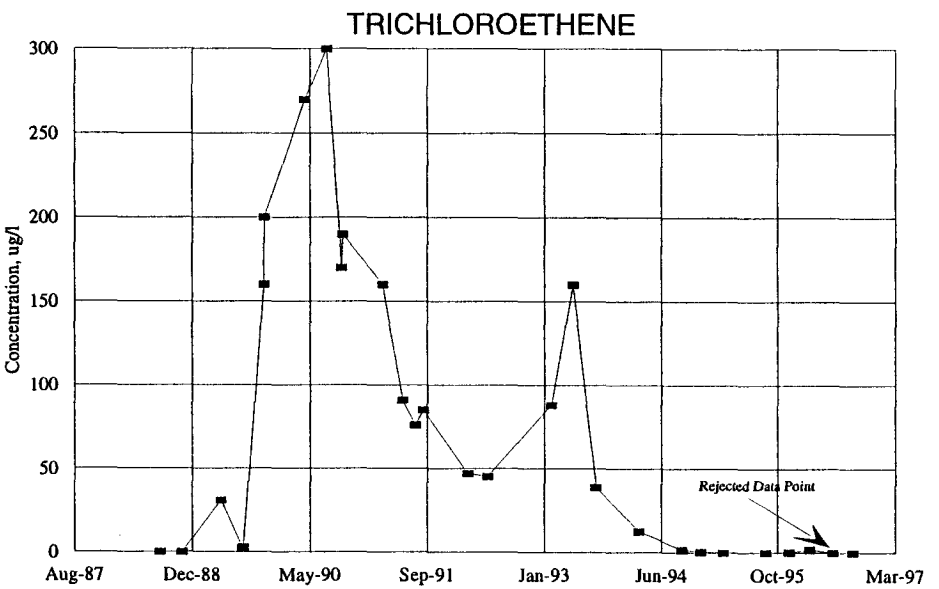


Figure IV-12
Wenck Associates, Inc.

SITE A, WELL 01U102, TETRACHLOROETHENE, TRICHLORETHENE, 1,2-DICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT





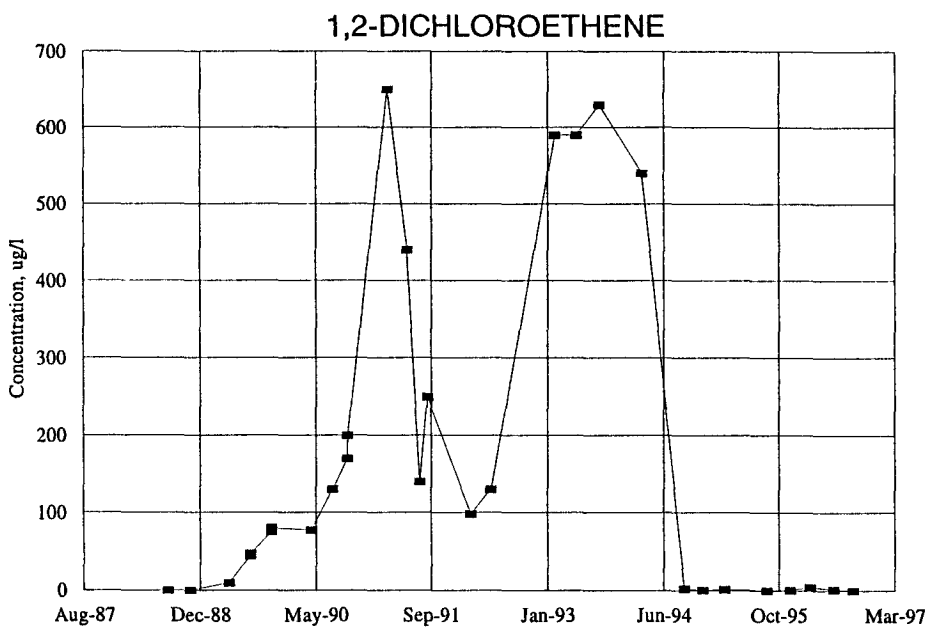
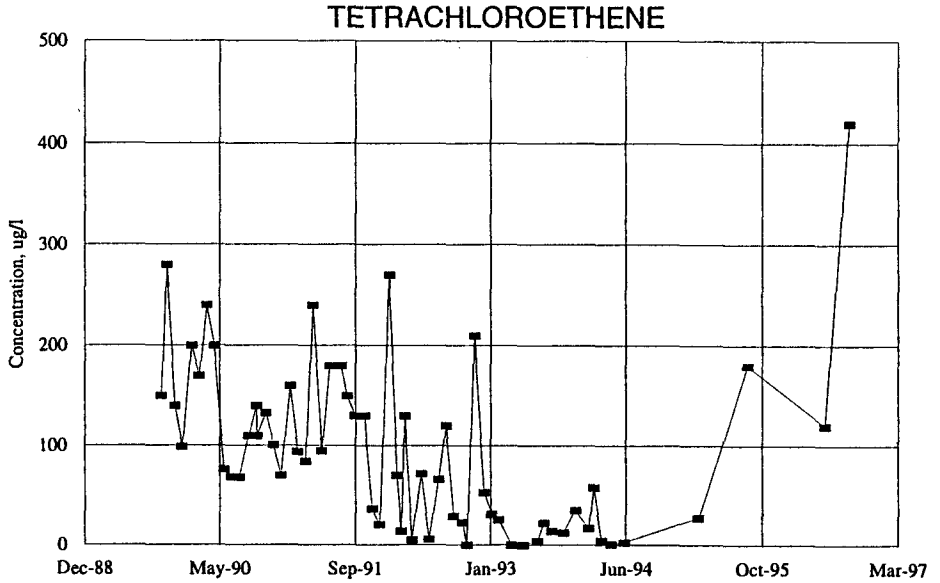
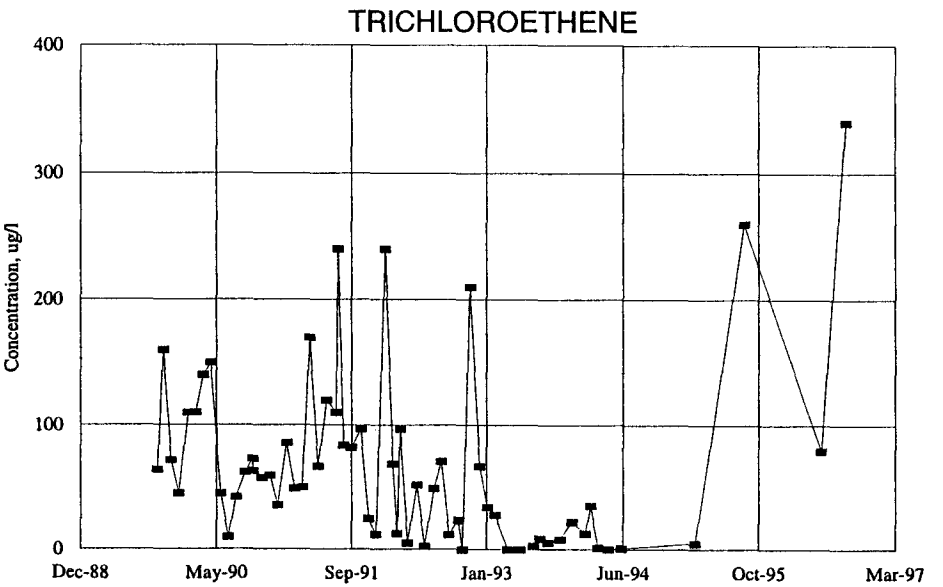


Figure IV-13
Wenck Associates, Inc.

SITE A, WELL 01U108, TETRACHLOROETHENE, TRICHLOROETHENE, 1,2-DICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT





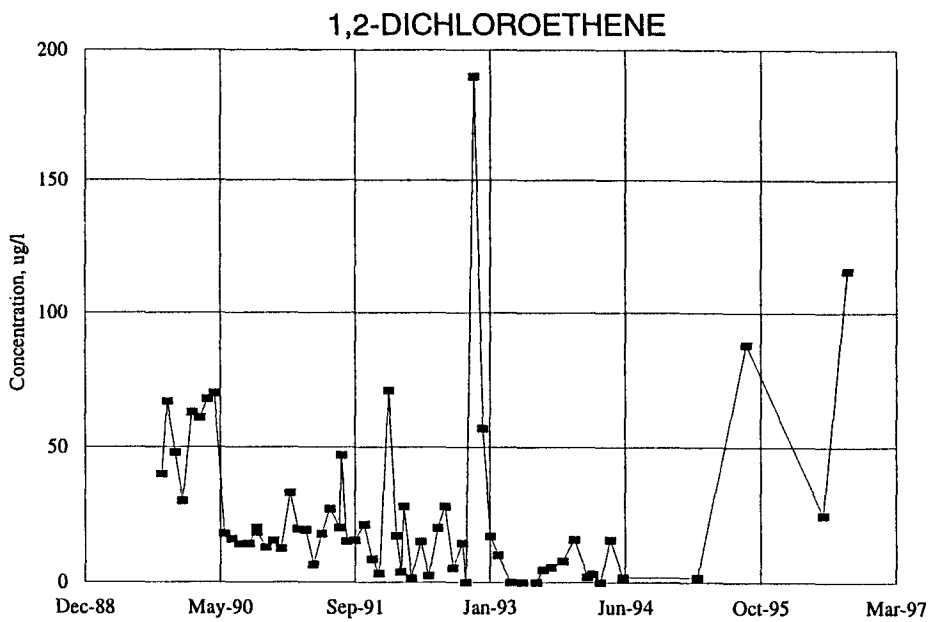
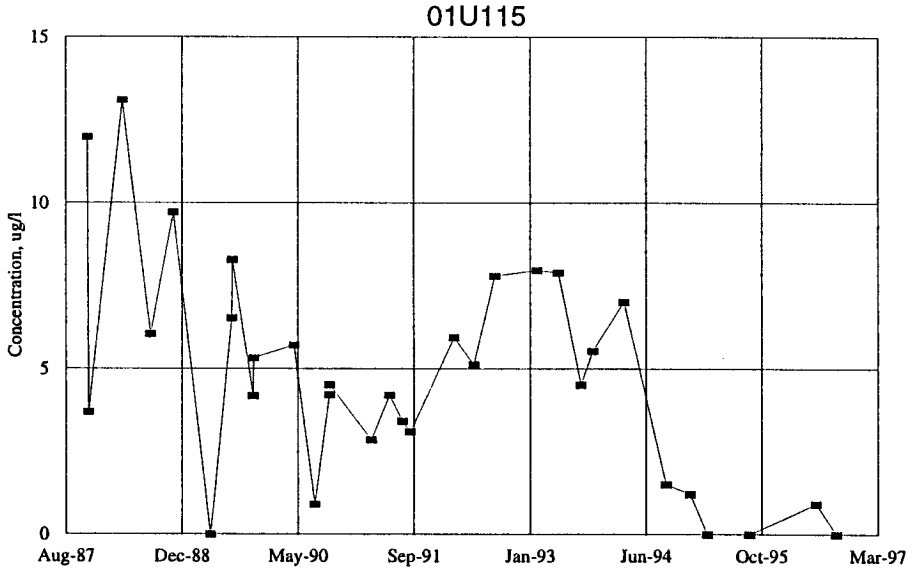
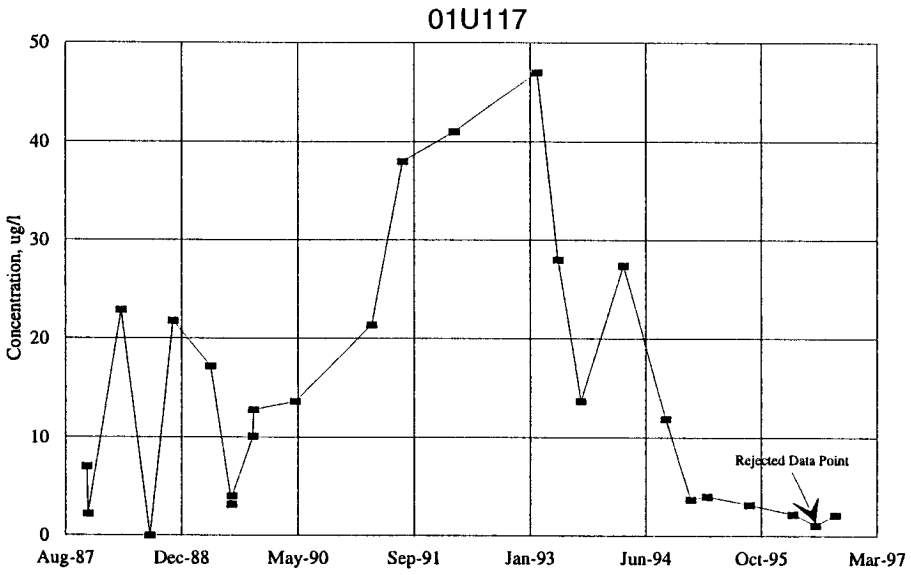


Figure IV-14
Wenck Associates, Inc.

SITE A, TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT





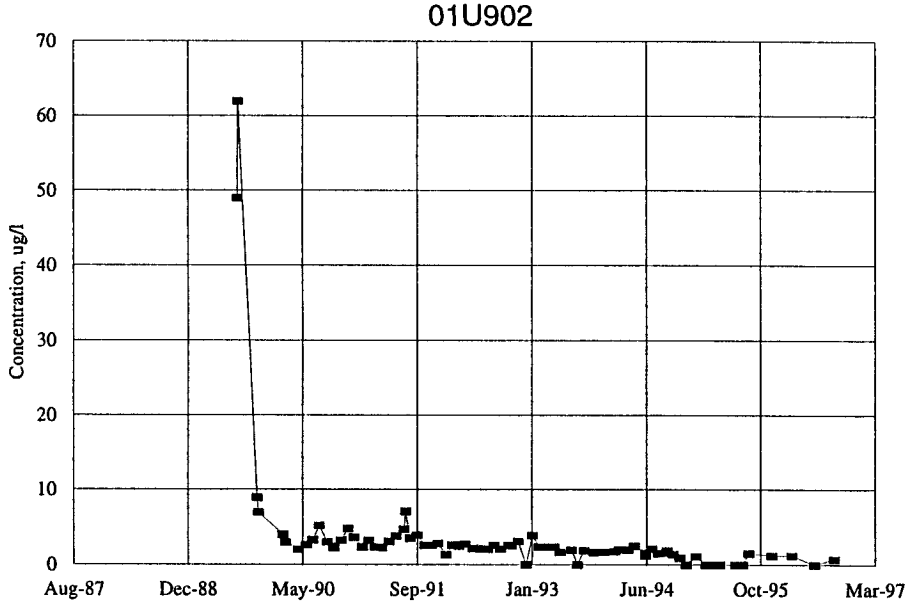


Figure IV-15
Wenck Associates, Inc.

SITE A, TETRACHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

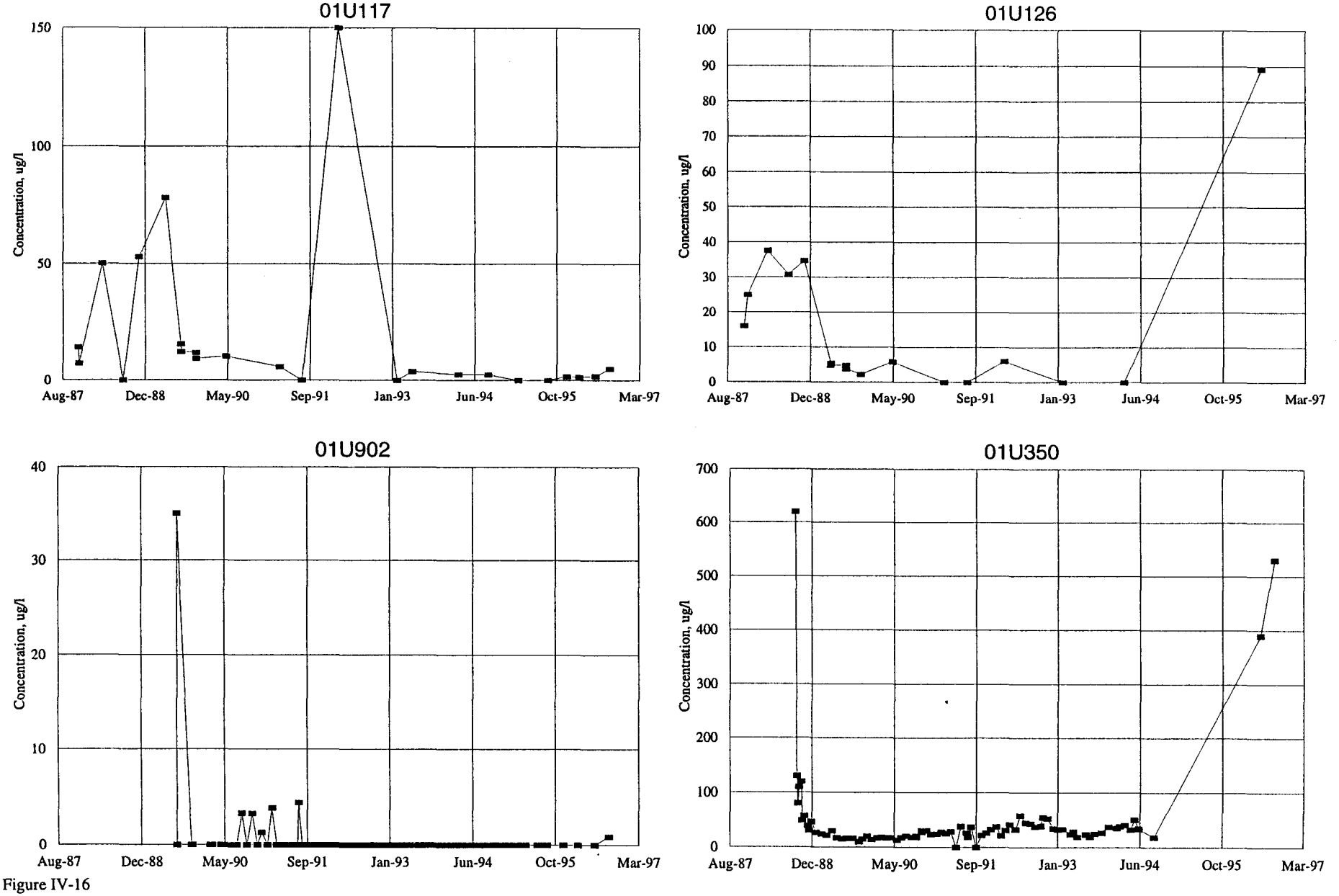


Figure IV-16
Wenck Associates, Inc.

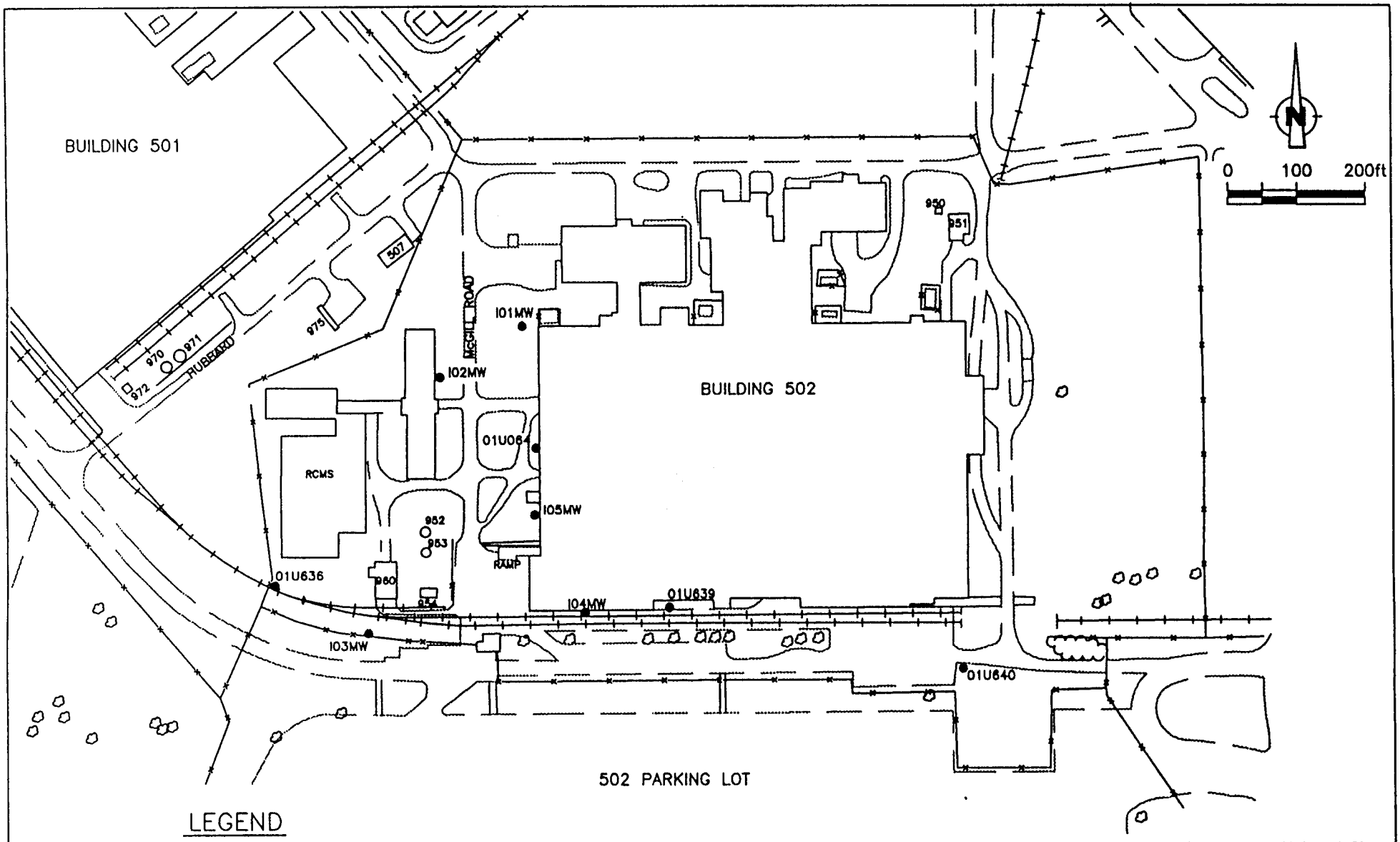


figure IV–17
SITE I, UNIT 1 GROUNDWATER QUALITY MONITORING LOCATIONS
Twin Cities Army Ammunition Plant

CRA

4304(A)–OCT. 3/96–REV.0 (M–01)(MN)

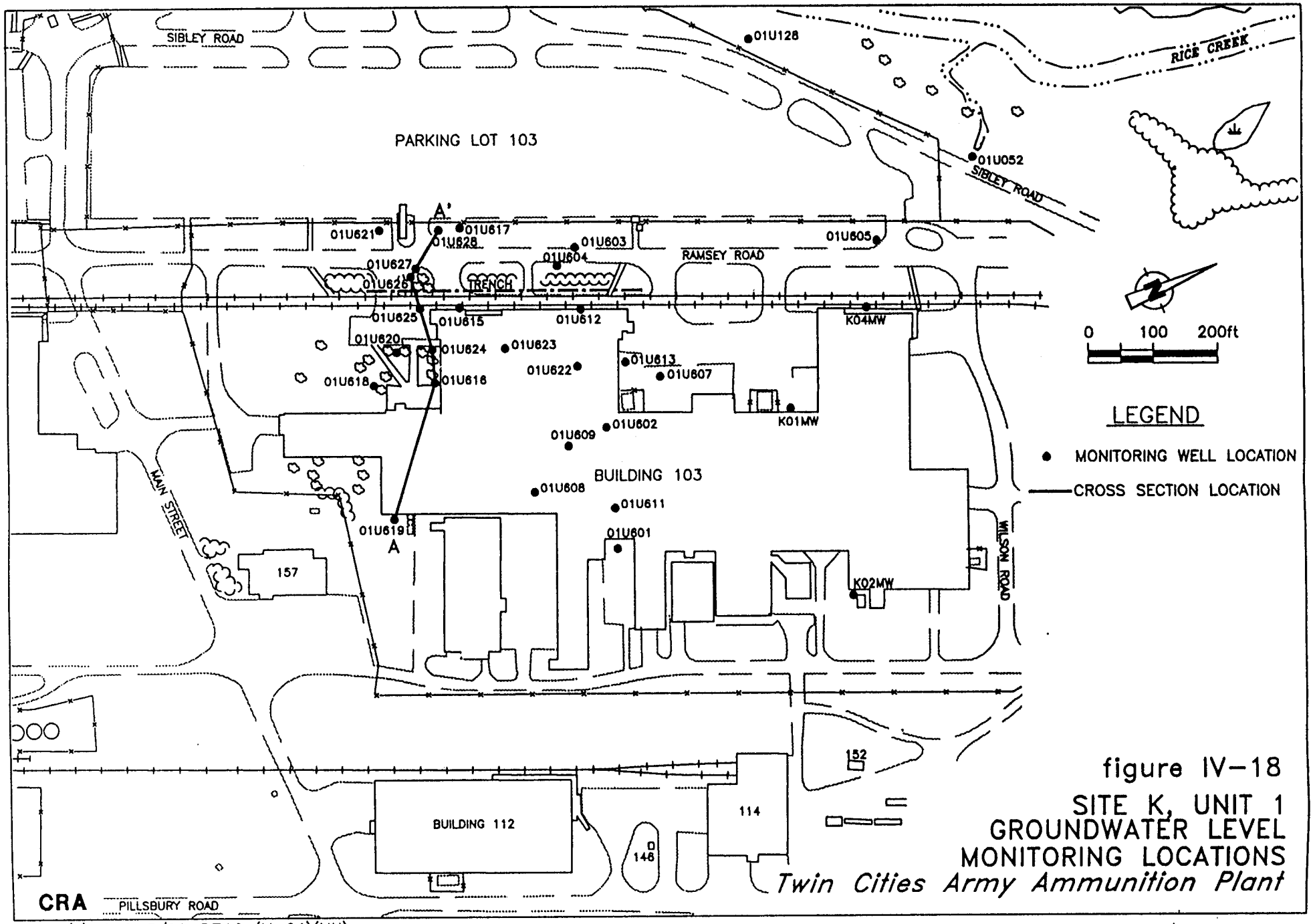


figure IV–18

SITE K, UNIT 1
GROUNDWATER LEVEL
MONITORING LOCATIONS

Twin Cities Army Ammunition Plant

1496(A)–OCT. 3/96–REV.0 (M–04)(MN)

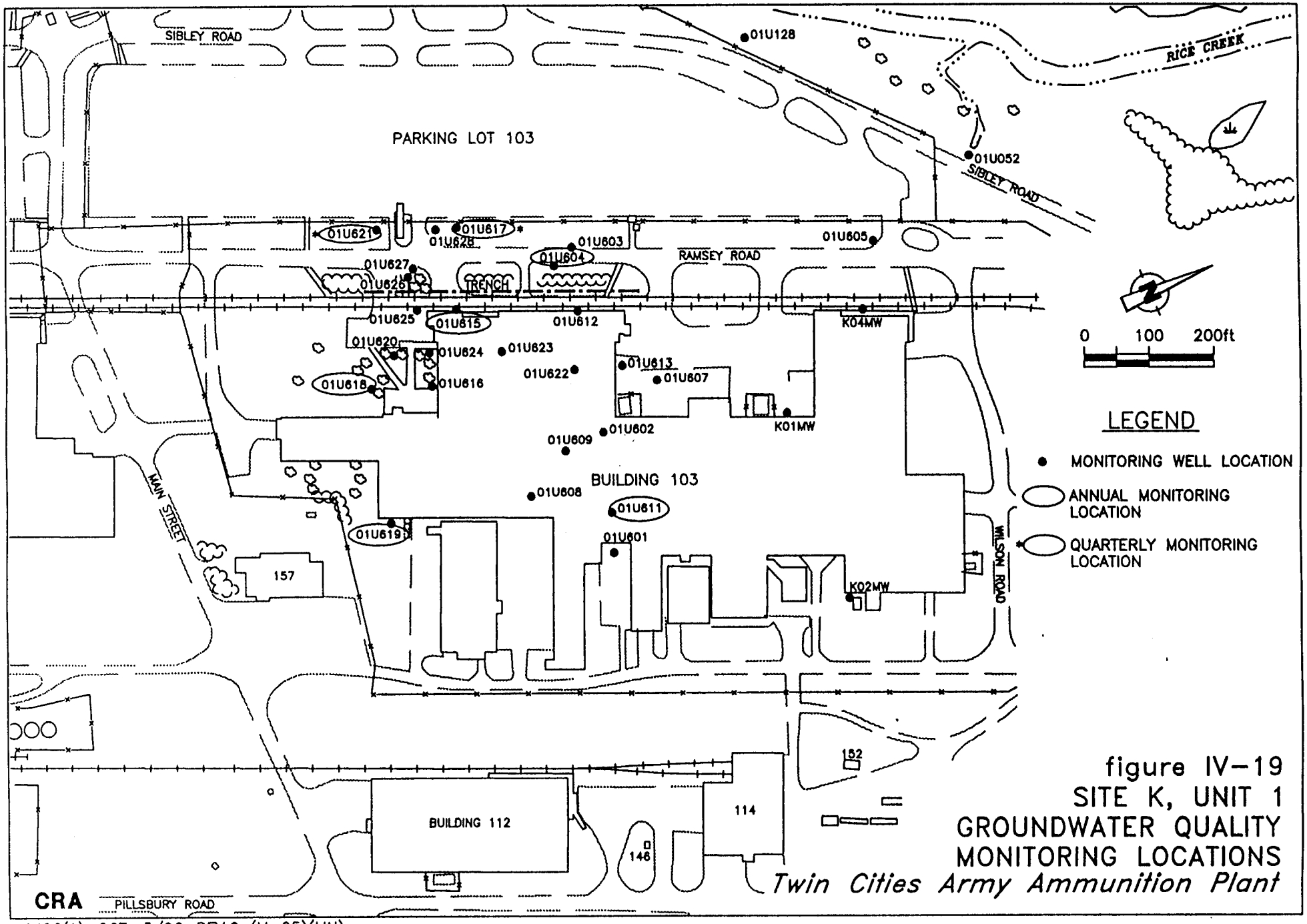


figure IV-19
SITE K, UNIT 1
GROUNDWATER QUALITY
MONITORING LOCATIONS
Twin Cities Army Ammunition Plant

1496(A)-OCT. 3/96-REV.0 (M-05)(MN)

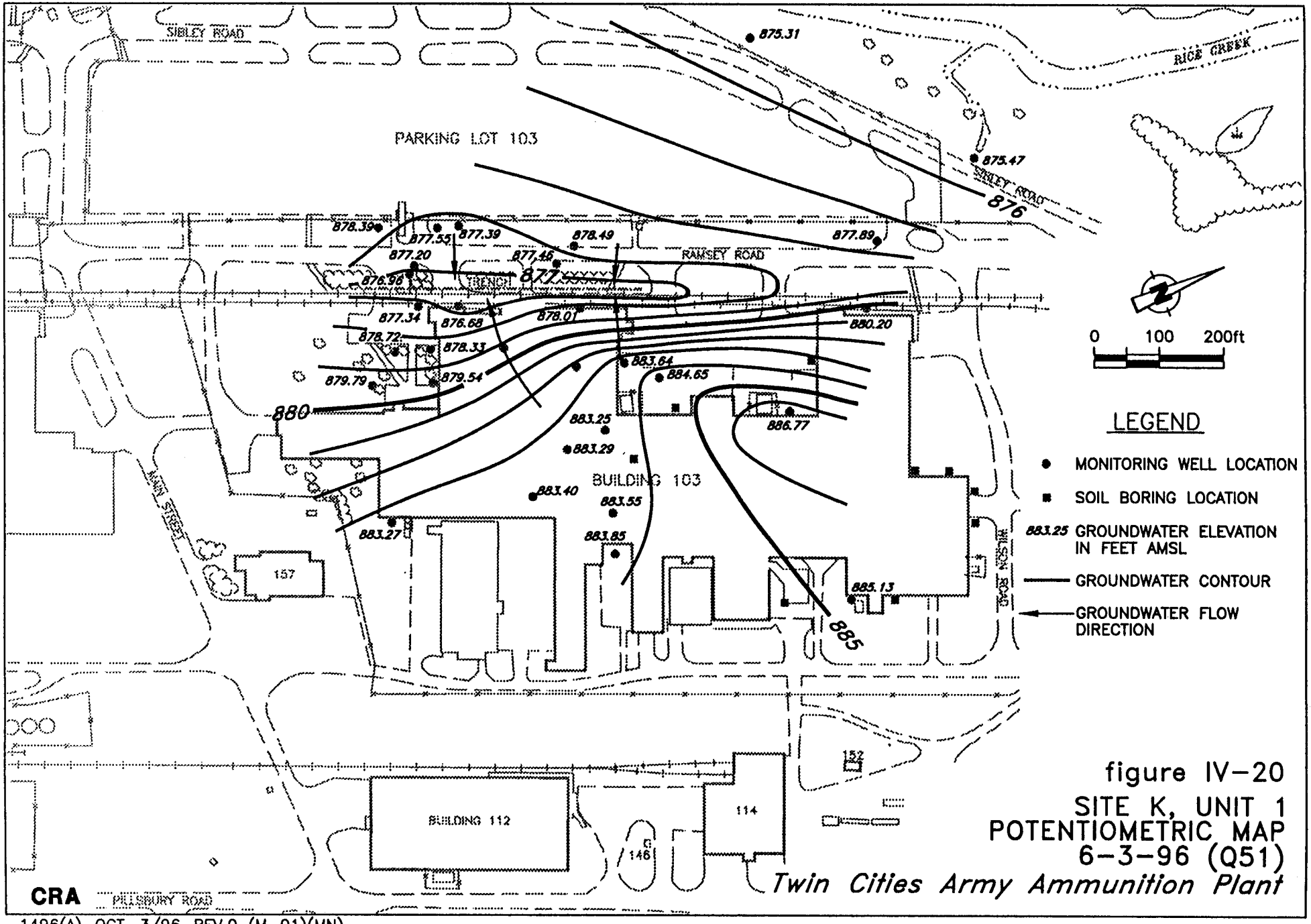


figure IV–20
SITE K, UNIT 1
POTENTIOMETRIC MAP
6–3–96 (Q51)
Twin Cities Army Ammunition Plant

CRA

1496(A)–OCT. 3/96–REV.0 (M–01)(MN)

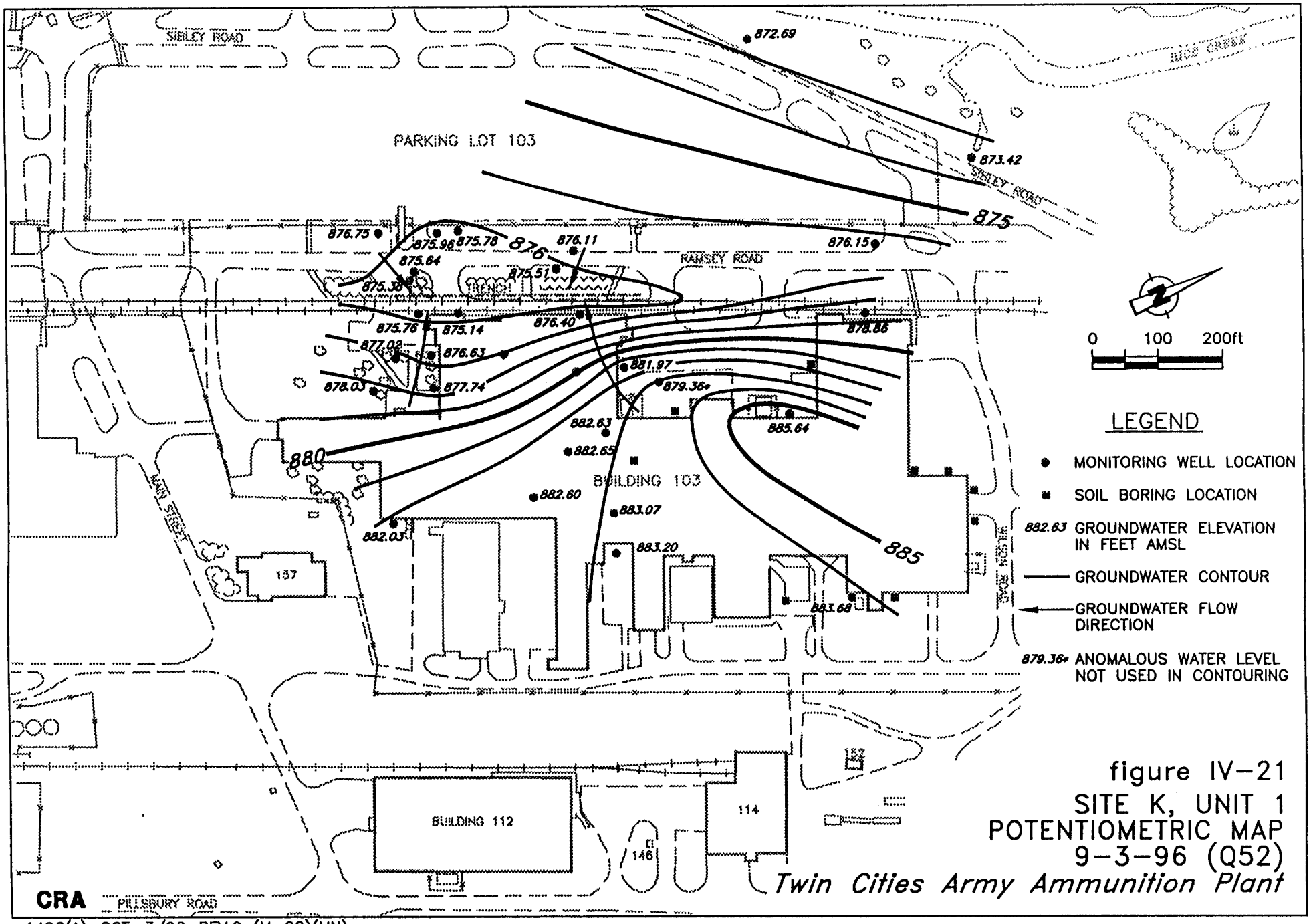
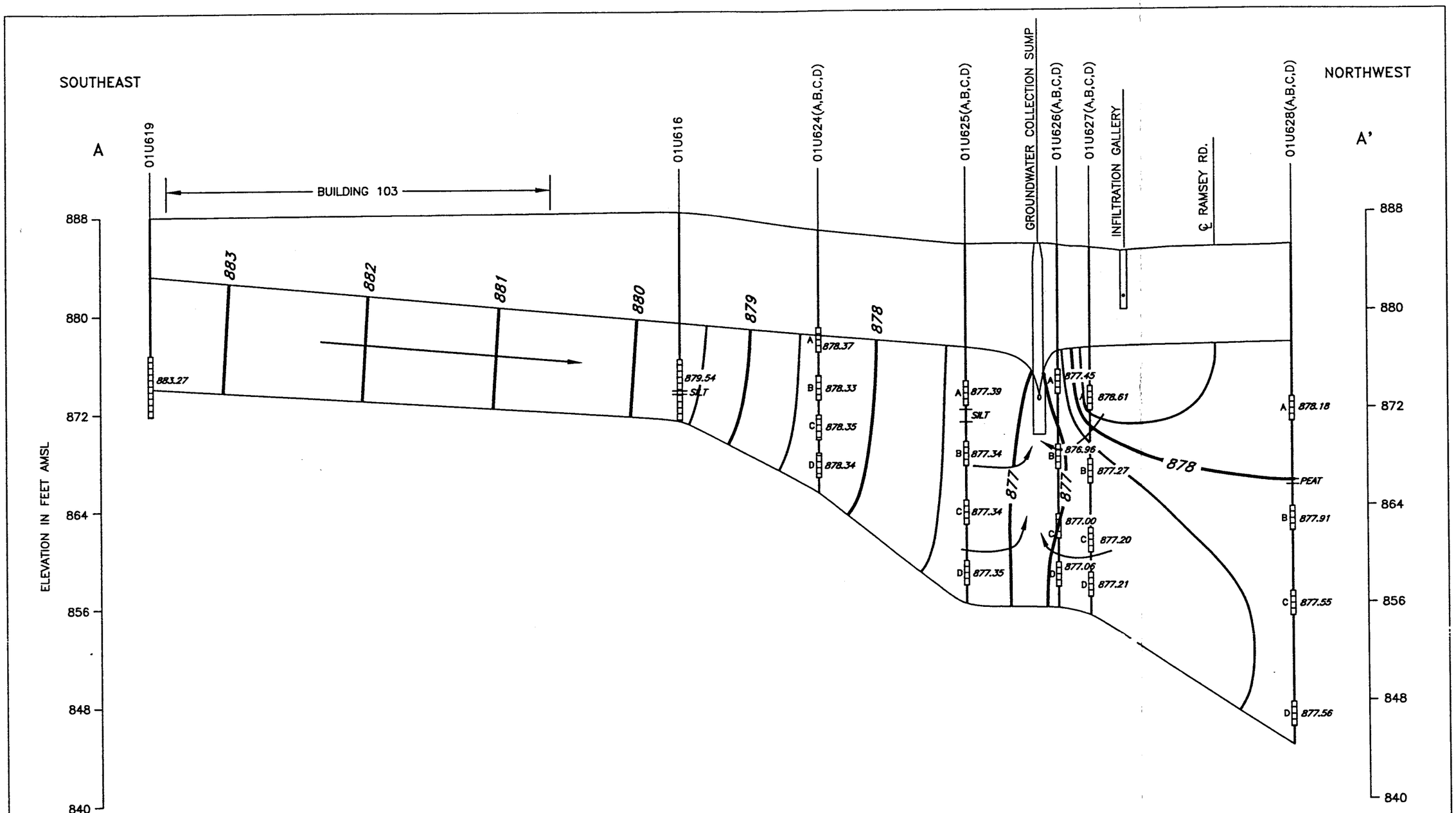


figure IV–21
SITE K, UNIT 1
POTENTIOMETRIC MAP
9–3–96 (Q52)
Twin Cities Army Ammunition Plant

CRA

1496(A)–OCT. 3/96–REV.0 (M–02)(MN)



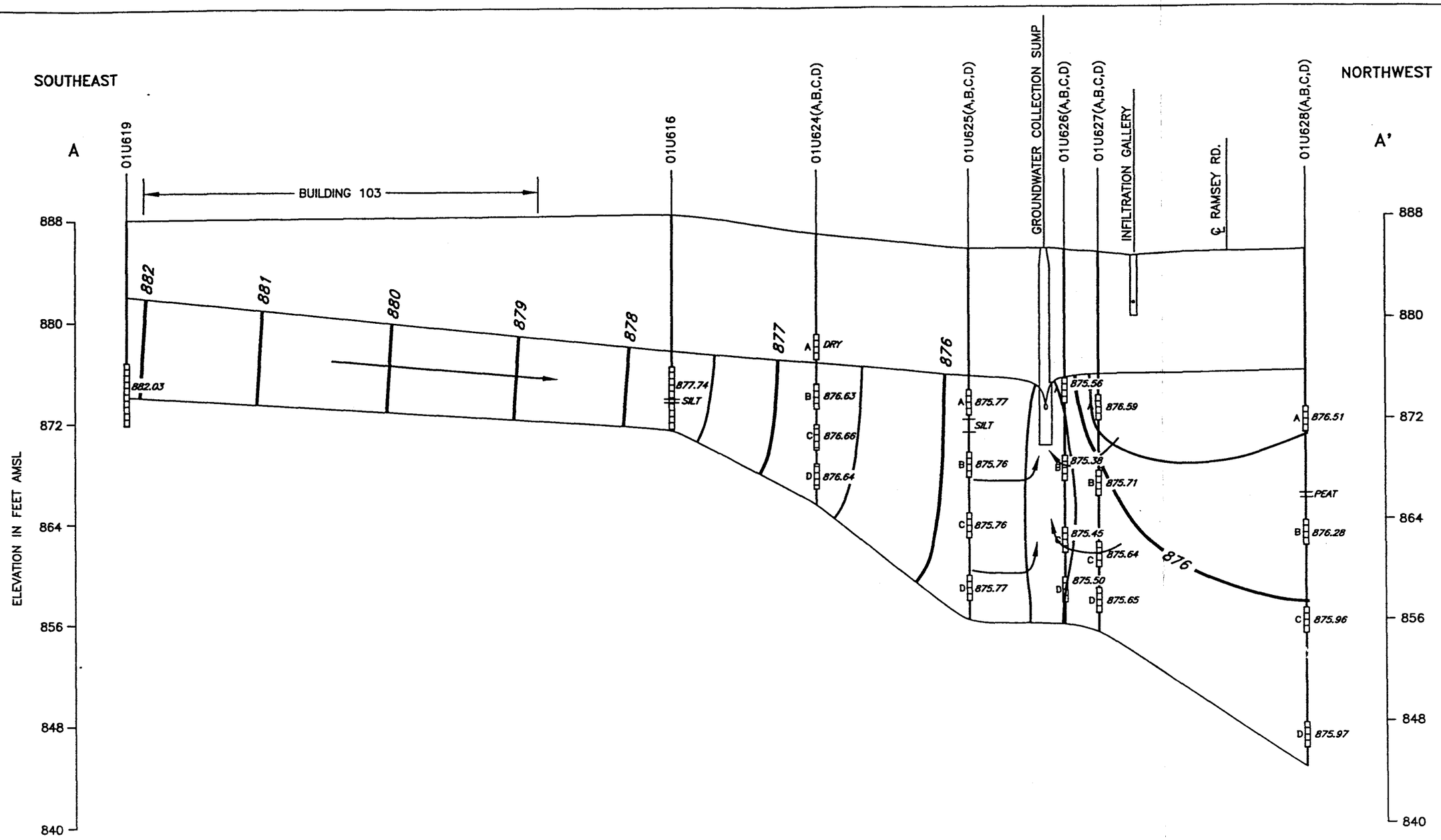
SCALE: 1"=8' VER., 1"=40' HOR.

figure IV–22

SITE K, HYDROGEOLOGIC CROSS SECTION A–A'
6–3–96 (Q51)
Twin Cities Army Ammunition Plant

CRA

1496(A)–OCT. 3/96–REV.0 (X–01)(MN)



SCALE: 1"=8' VER., 1"=40' HOR.

figure IV–23

SITE K, HYDROGEOLOGIC CROSS SECTION A–A'
9–3–96 (Q52)
Twin Cities Army Ammunition Plant

CRA

1496(A)–OCT. 3/96–REV.0 (X–02)(MN)

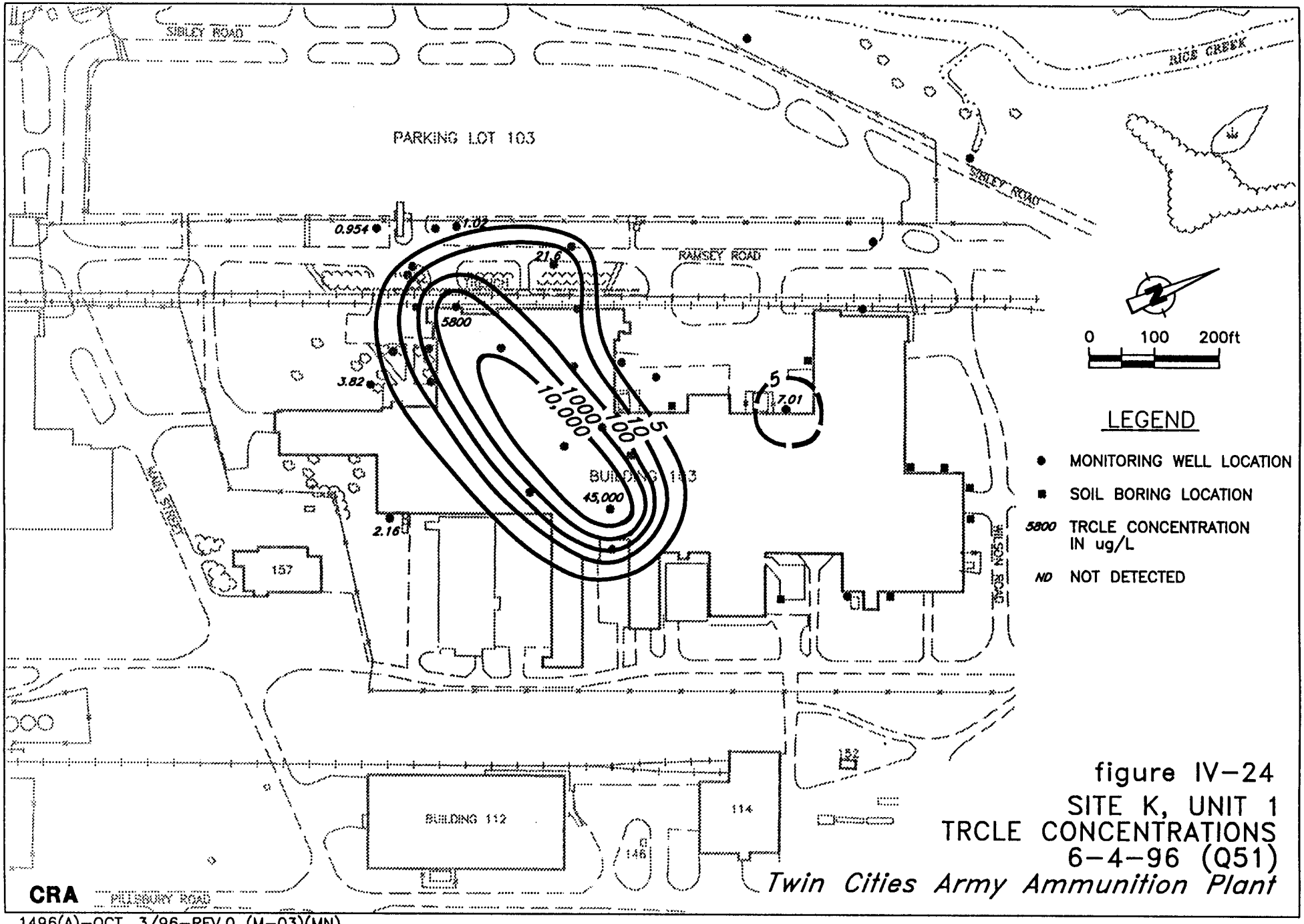
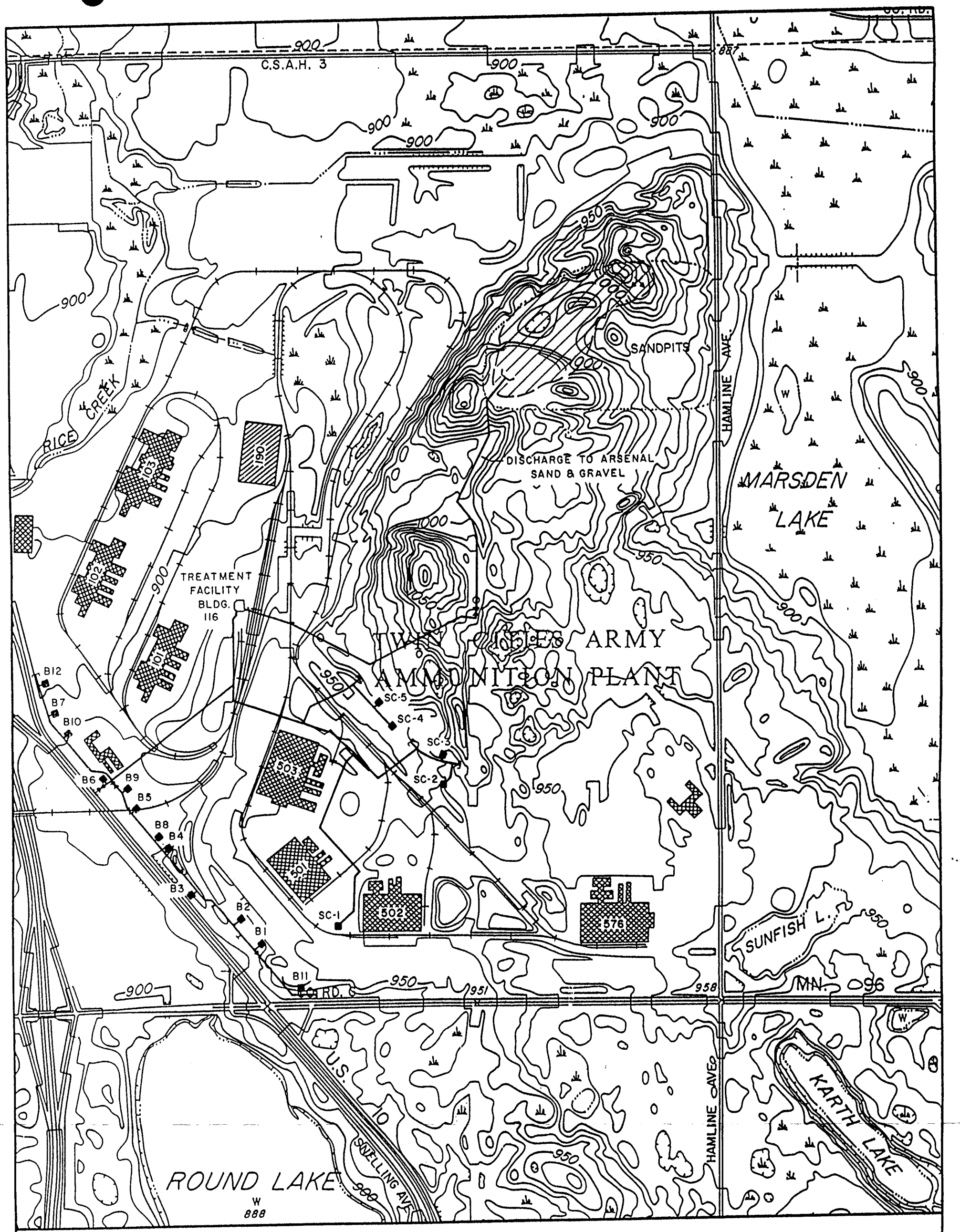


figure IV–24
SITE K, UNIT 1
TRCLE CONCENTRATIONS
6–4–96 (Q51)
Twin Cities Army Ammunition Plant

1496(A)–OCT. 3/96–REV.0 (M–03)(MN)



LEGEND

■ EXTRACTION WELL LOCATION

ARSENAL SAND AND GRAVEL PIT

N

SCALE: 1" = 1000'

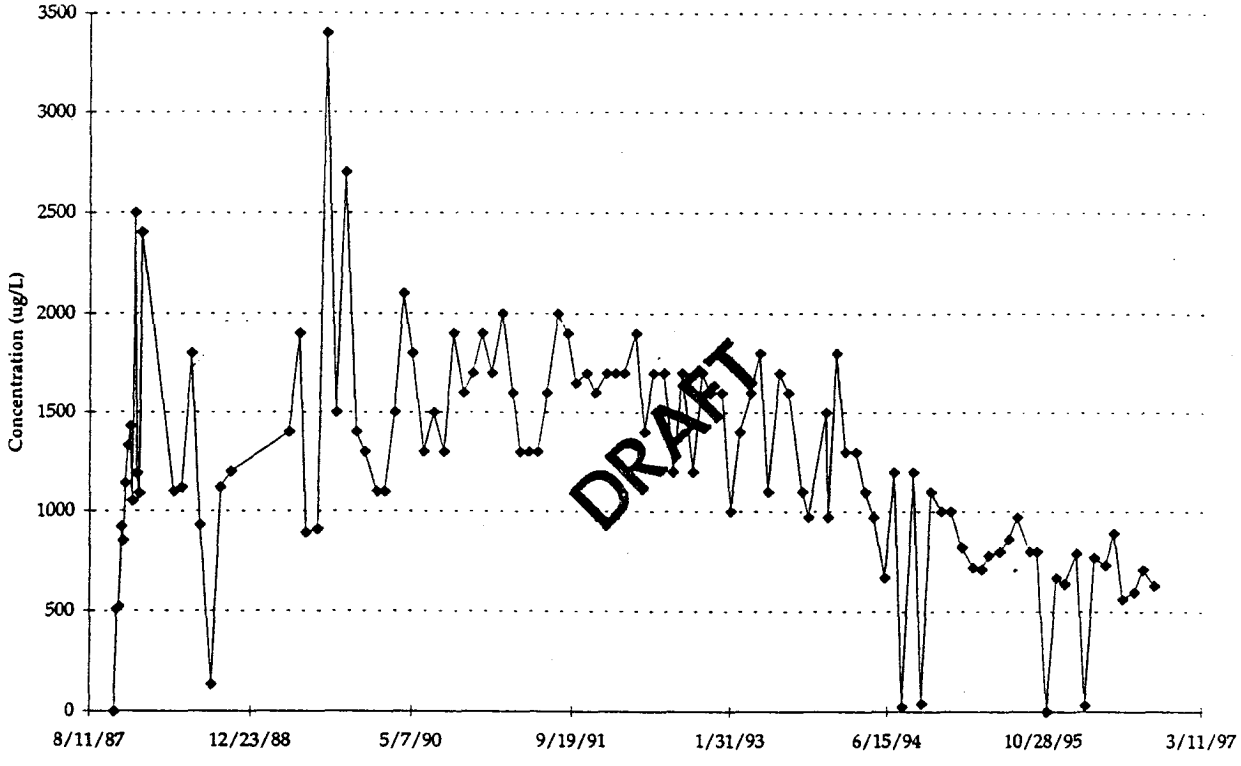
figure IV–25

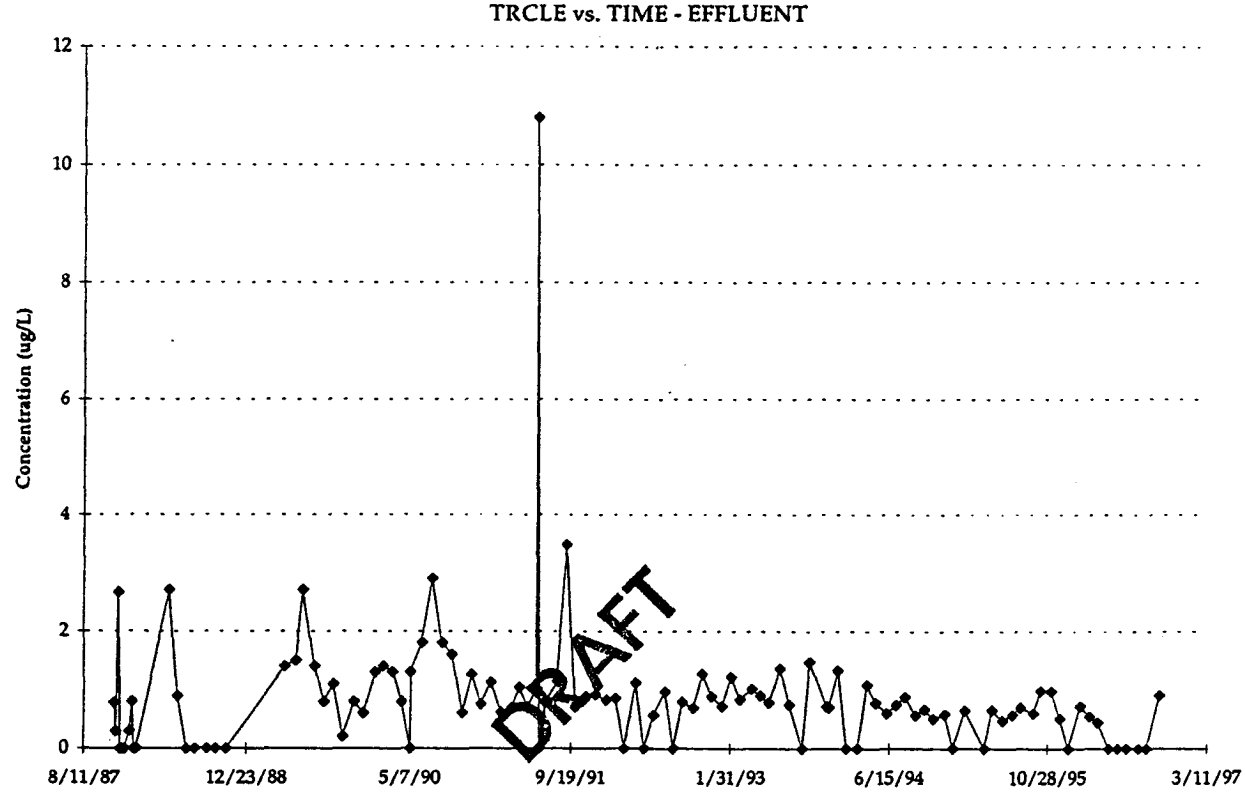
OU2, TGRS LAYOUT

Twin Cities Army Ammunition Plant

CRA

5530( )–DEC. 19/94–REV.0 (MN)





Note: Samples reporting concentrations less than the detection limit were plotted as zero.
When duplicate samples were collected, the higher concentration was plotted.

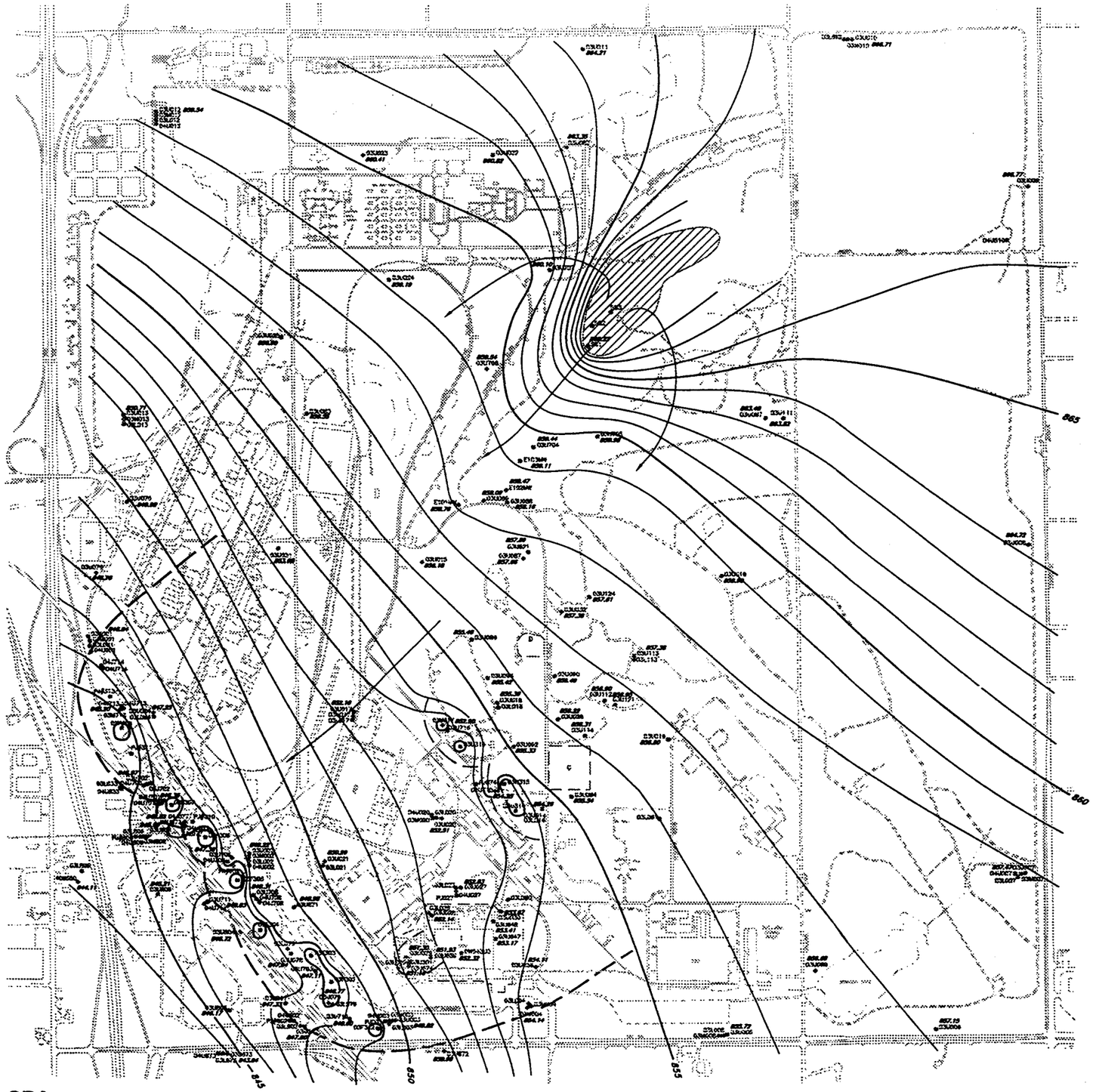
figure IV–26

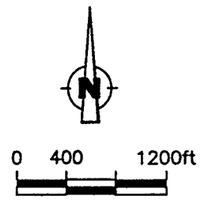
OU2, TGRS TREATMENT SYSTEM PERFORMANCE

Twin Cities Army Ammunition Plant

CRA

7680(A)–DEC. 17/96–REV.0 (MN)





LEGEND

857.54 GROUNDWATER ELEVATION IN FEET AMSL (5-29-96)

GROUNDWATER CONTOUR

DIRECTION OF GROUNDWATER FLOW

LIMIT OF CAPTURE

figure IV-27
OU2, UPPER UNIT 3,
POTENTIOMETRIC MAP, SPRING 1996 (Q51)
Twin Cities Army Ammunition Plant

CRA

7680(A)-DEC. 17/96-REV.0 (MN)

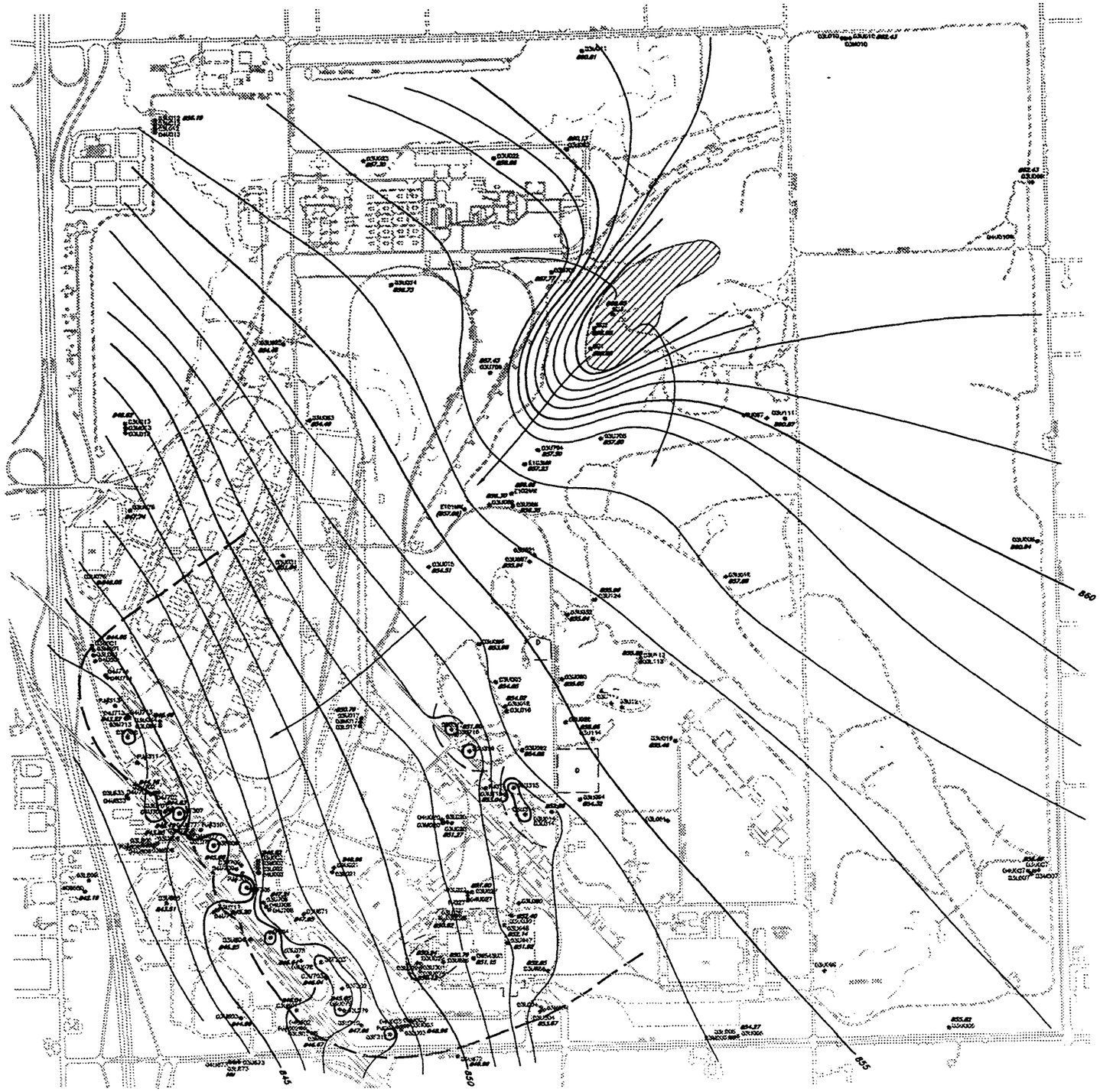


figure IV-28
OU2, UPPER UNIT 3,
POTENTIOMETRIC MAP, FALL 1996 (Q52)
Twin Cities Army Ammunition Plant

CRA

7680(A)-DEC. 17/96-REV.0 (MN)

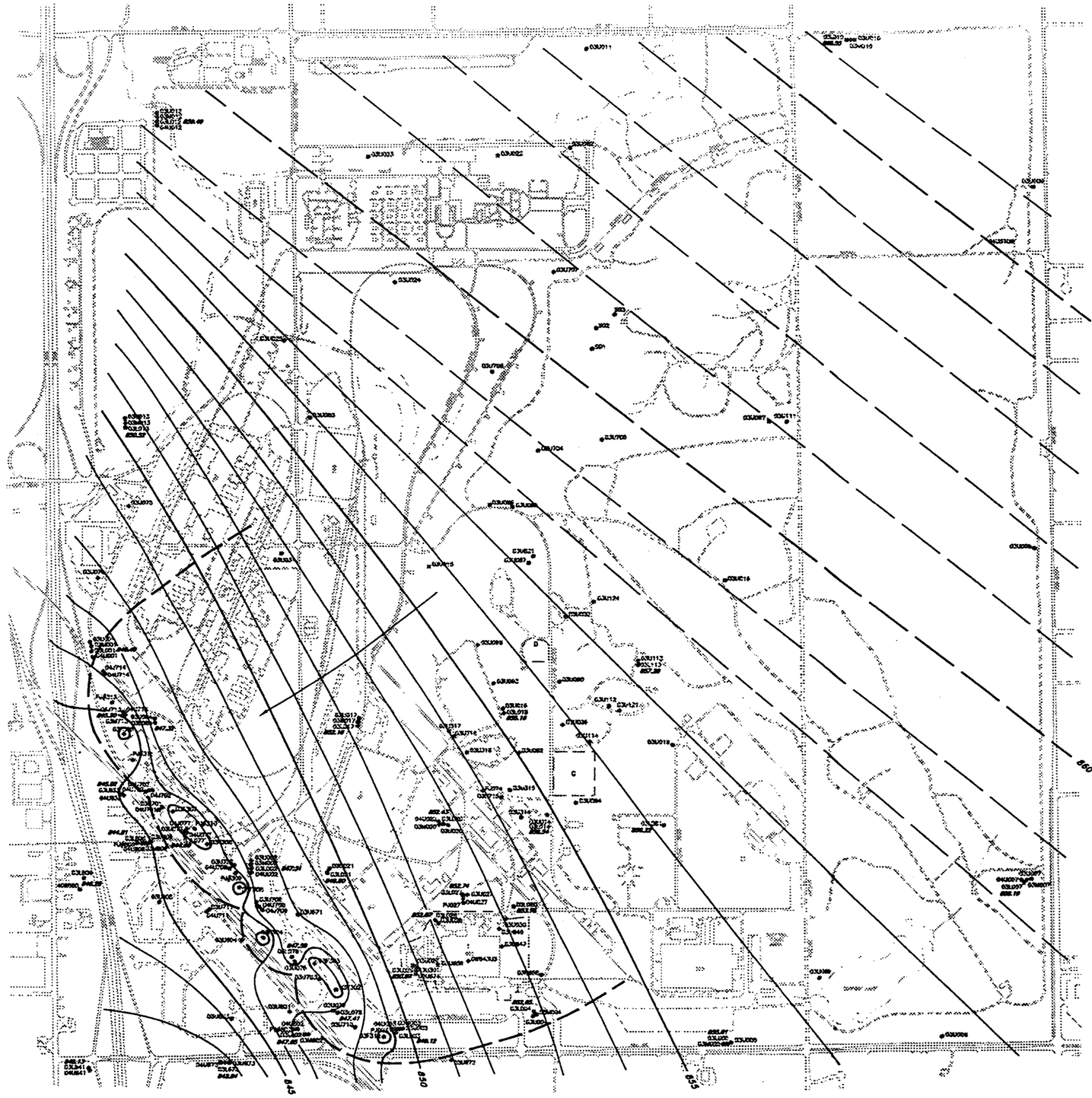
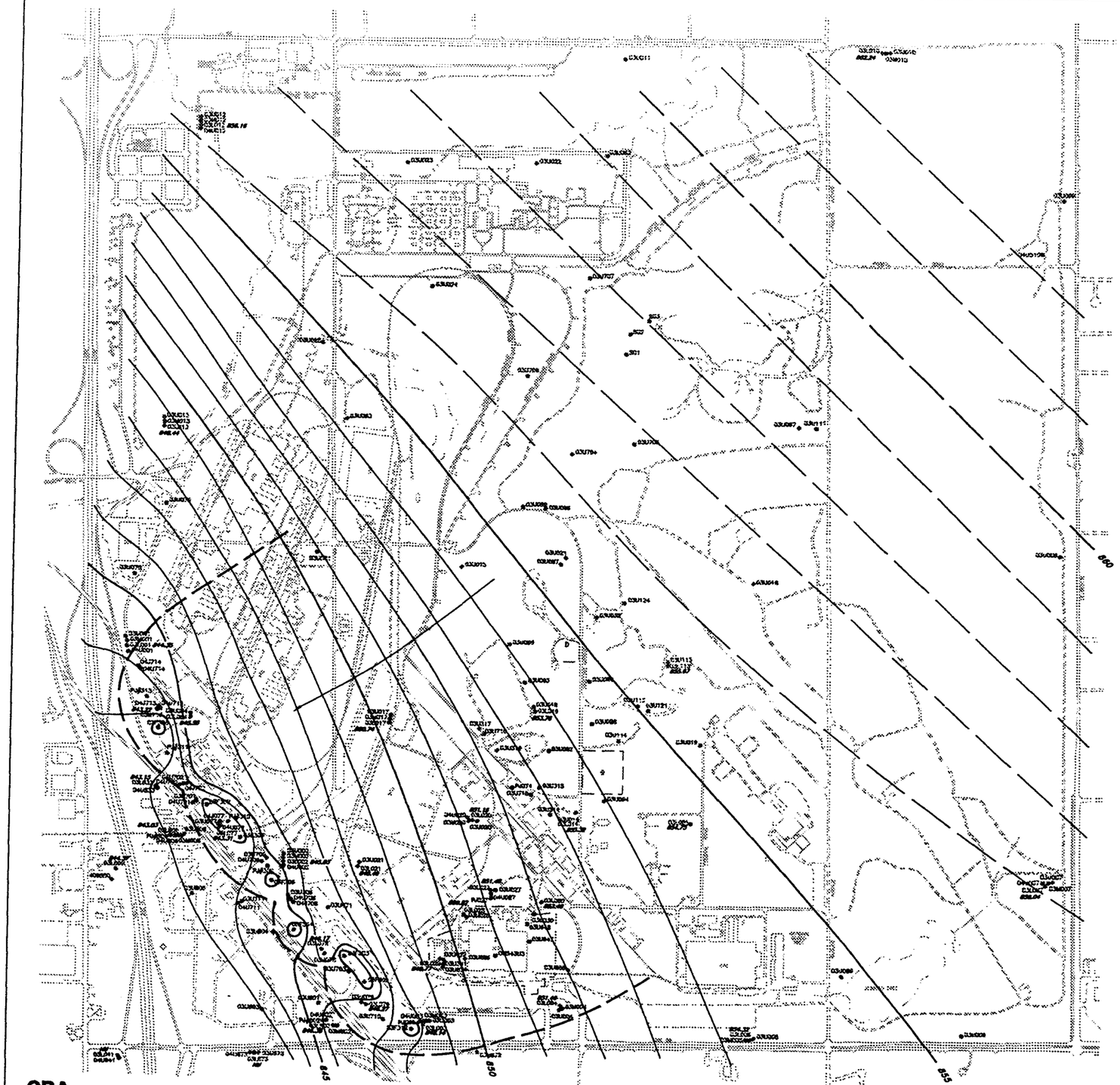


figure IV-29
OU2, LOWER UNIT 3,
POTENTIOMETRIC MAP, SPRING 1996 (Q51)
Twin Cities Army Ammunition Plant

CRA

7680(A)-DEC. 17/96-REV.0 (MN)



LEGEND

857.54 GROUNDWATER ELEVATION IN FEET AMSL (9–4–96)

GROUNDWATER CONTOUR

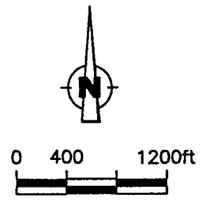
DIRECTION OF GROUNDWATER FLOW

LIMIT OF CAPTURE

figure IV–30
OU2, LOWER UNIT 3,
POTENTIOMETRIC MAP, FALL 1996 (Q52)
Twin Cities Army Ammunition Plant

CRA

7680(A)–DEC. 17/96–REV.0 (MN)



LEGEND

857.54 GROUNDWATER ELEVATION IN FEET AMSL (5-29-96)

GROUNDWATER CONTOUR

DIRECTION OF GROUNDWATER FLOW

LIMIT OF CAPTURE

figure IV-31
OU2, UPPER UNIT 4,
POTENTIOMETRIC MAP, SPRING 1996 (Q51)
Twin Cities Army Ammunition Plant

CRA

7680(A)-DEC. 17/96-REV.0 (MN)

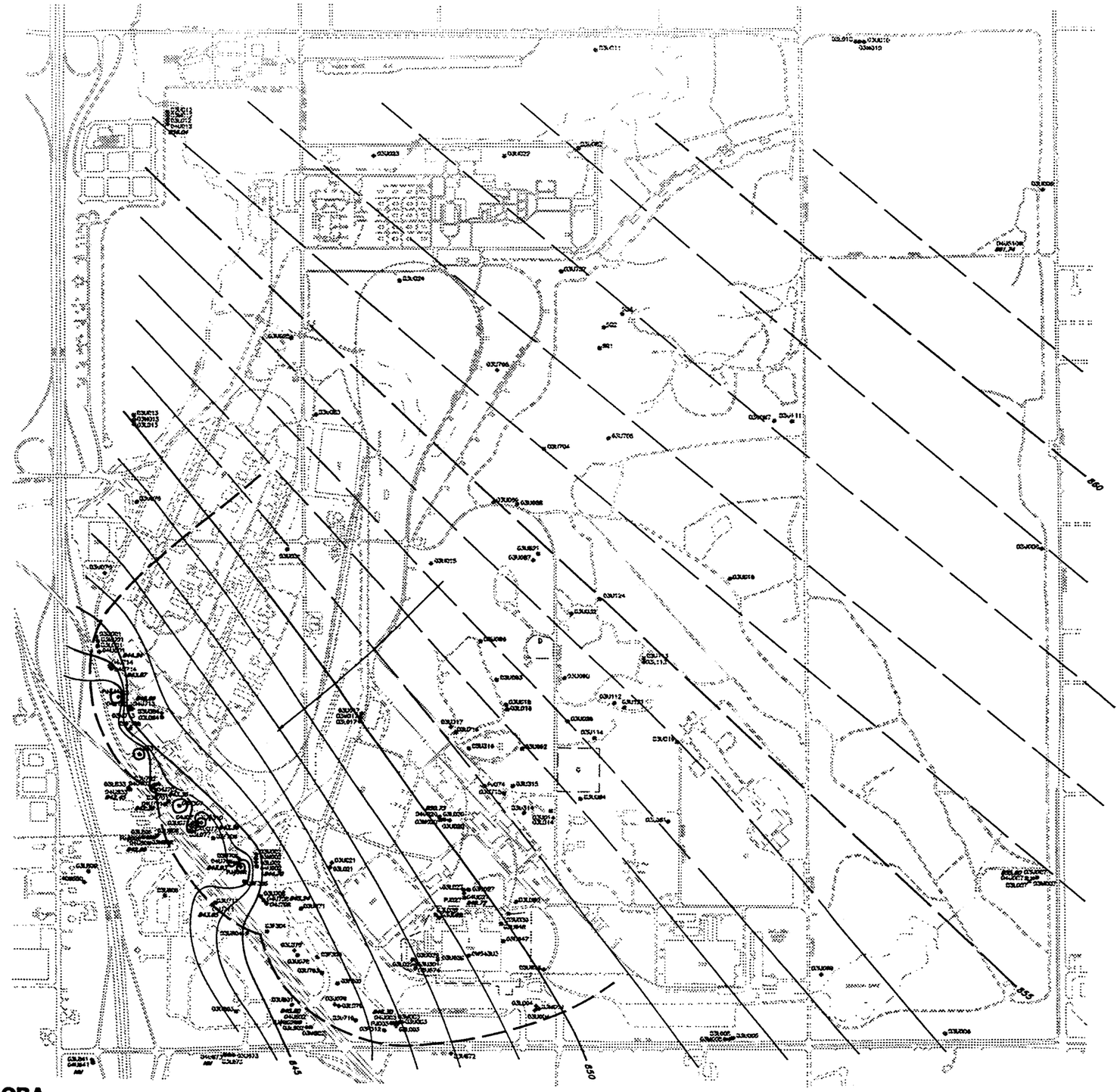
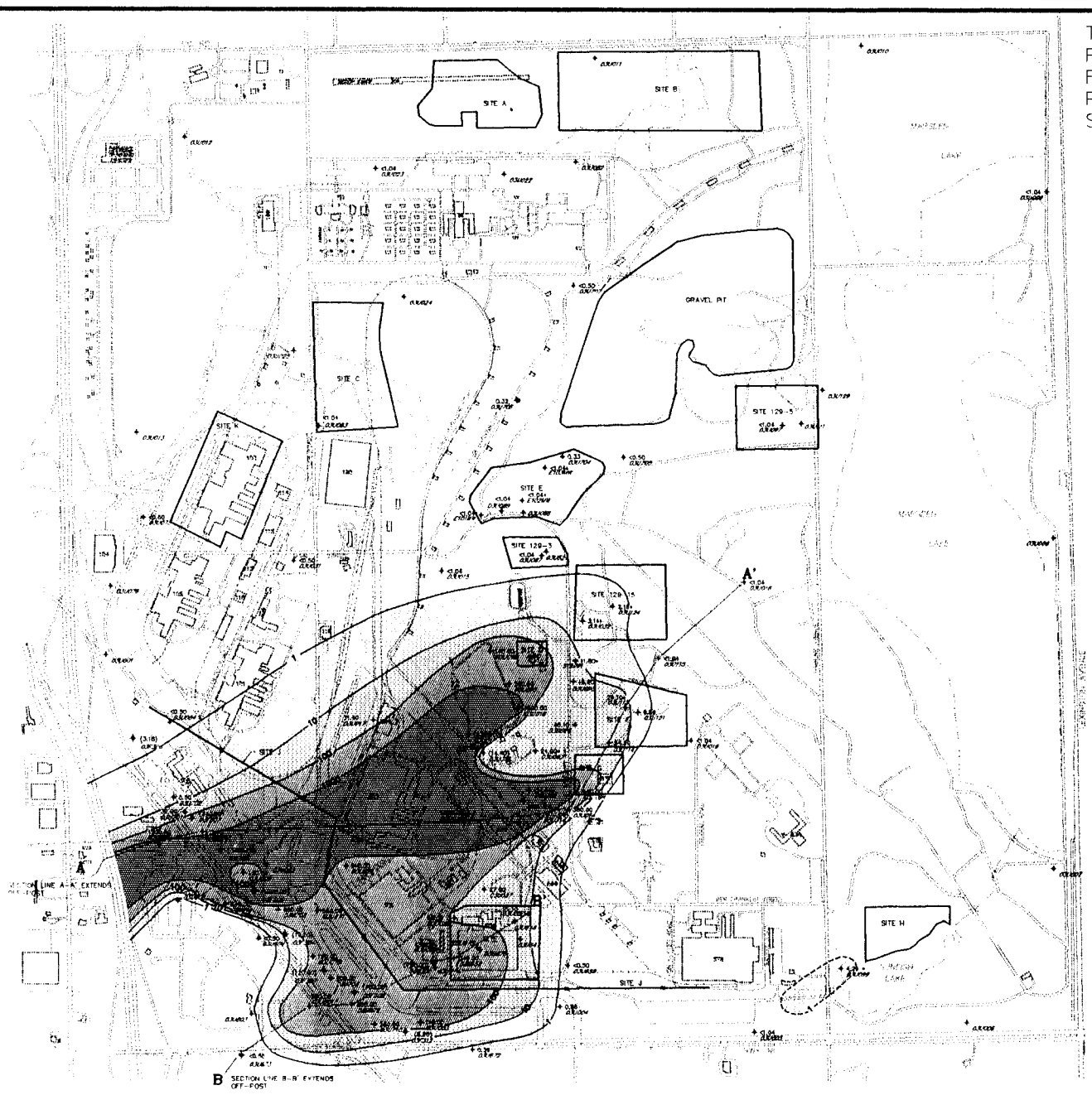


figure IV-32
OU2, UPPER UNIT 4,
POTENTIOMETRIC MAP, FALL 1996 (Q52)
Twin Cities Army Ammunition Plant

CRA

7680(A)-DEC. 17/96-REV.0 (MN)



THIS FIGURE IS A REDUCTION OF PLAN SHEET 27 AND IS INCLUDED FOR GENERAL INFORMATION ONLY. PLEASE REFER TO THE PLAN SHEET FOR DETAILED REVIEW.

N

400 0 400 800
SCALE IN FEET

FY 1995

LEGEND

- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- SITE BOUNDARY
- WATER SYMBOL
- ROAD
- TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
- 10 ISOCONCENTRATION CONTOUR (ug/l)
- 10 ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)
- CROSS SECTION LINE
- RAW DATA, NOT IN IRDMIS
- BUILDING REMOVED

NOTES:
1. ALL UPPER UNIT 3 WELLS AT THE SITE ARE SHOWN.
2. 03F AND 03U RECOVERY WELLS ARE SHOWN WITH DATA IN PARENTHESES, BUT CONCENTRATIONS WERE NOT USED FOR CONTOURING.
3. RECOVERY WELL NAME CONVERSIONS:

03F302	B-1
03F303	B-2
03F304	B-3
03F305	B-4
03F306	B-5
03F307	B-6
03F308	B-7
03F312	B-11
03U301	SC-1
03U314	SC-2
03U315	SC-3
03U316	SC-4
03U317	SC-5

4. ALL DATA IS FROM QUARTER 48(046) UNLESS OTHERWISE INDICATED BELOW QTR. 48; 03U009

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TWIN CITIES ARMY AMMUNITION PLANT
ARDEN HILLS, MN 55112

FISCAL YEAR 1995 ANNUAL MONITORING REPORT

OU2, UPPER UNIT 3 TRICHLOROETHENE ISOCONCENTRATION MAP, SPRING 1995 (046)

SCALE	DRAWN	APPROVED BY	DATE	DRAWING NO.	SHEET NO.
1:6000	DLM	WPJ	8-15-95	ON3UTRCL.DWG	2

TWIN CITIES ARMY AMMUNITION PLANT

OU2, Upper Unit 3 Trichloroethene Isoconcentration Map, Spring 1995 (046)

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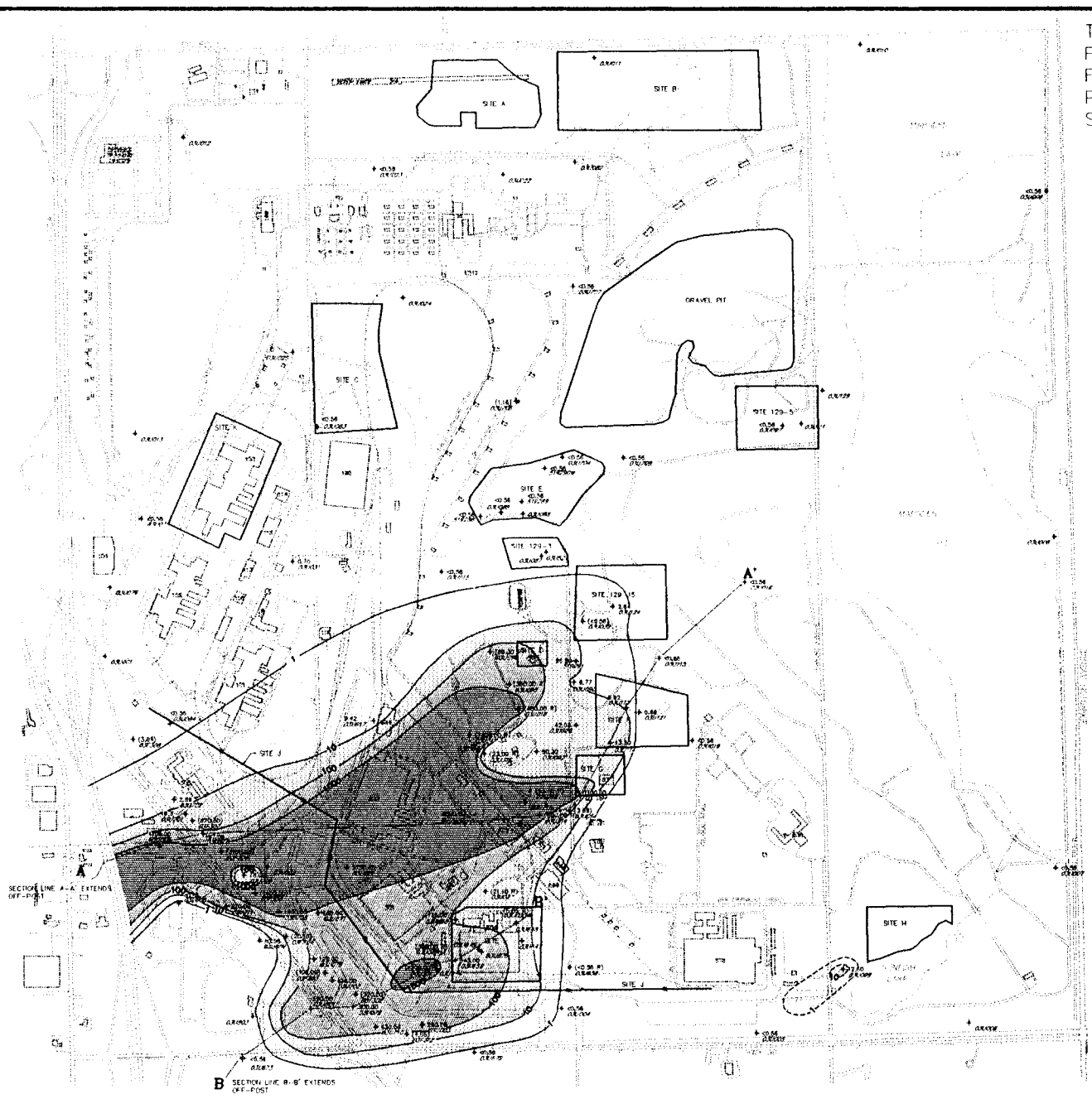

THIS FIGURE IS A REDUCTION OF PLAN SHEET 22 AND IS INCLUDED FOR GENERAL INFORMATION ONLY. PLEASE REFER TO THE PLAN SHEET FOR DETAILED REVIEW.

N

400 0 400 800
SCALE IN FEET

FY 1996

LEGEND

- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- SITE BOUNDARY
- WATER SYMBOL
- ROAD
- TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
- 10 ISOCONCENTRATION CONTOUR (ug/l)
- 10 ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)
- CROSS SECTION LINE
- REJECTED DATA
- BUILDING REMOVED

NOTES:
1. ALL UPPER UNIT 3 WELLS AT THE SITE ARE SHOWN.
2. 03F AND 03U RECOVERY WELLS ARE SHOWN WITH DATA IN PARENTHESES, BUT CONCENTRATIONS WERE NOT USED FOR CONTOURING.
3. RECOVERY WELL NAME CONVERSIONS:

03F302	B-1
03F303	B-2
03F304	B-3
03F305	B-4
03F306	B-5
03F307	B-6
03F308	B-7
03F312	B-11
03U301	SC-1
03U314	SC-2
03U315	SC-3
03U316	SC-4
03U317	SC-5

4. DATA SHOWN WITH AN R HAS BEEN REJECTED DUE TO UNACCEPTABLE SPIKE RECOVERIES. THE DATA IS SHOWN IN PARENTHESIS BUT IS NOT USED FOR CONTOURING PURPOSES.

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OU2, UPPER UNIT 3 TRICHLOROETHENE ISOCONCENTRATION MAP, SUMMER 1996 (051)

SCALE	DRAWN	APPROVED BY	DATE	DRAWING NO.	SHEET NO.
1:6000	DLM	WPJ	9-18-97	ON3UTRCL.DWG	22

TWIN CITIES ARMY AMMUNITION PLANT

OU2, Upper Unit 3 Trichloroethene Isoconcentration Map, Summer 1996 (051)

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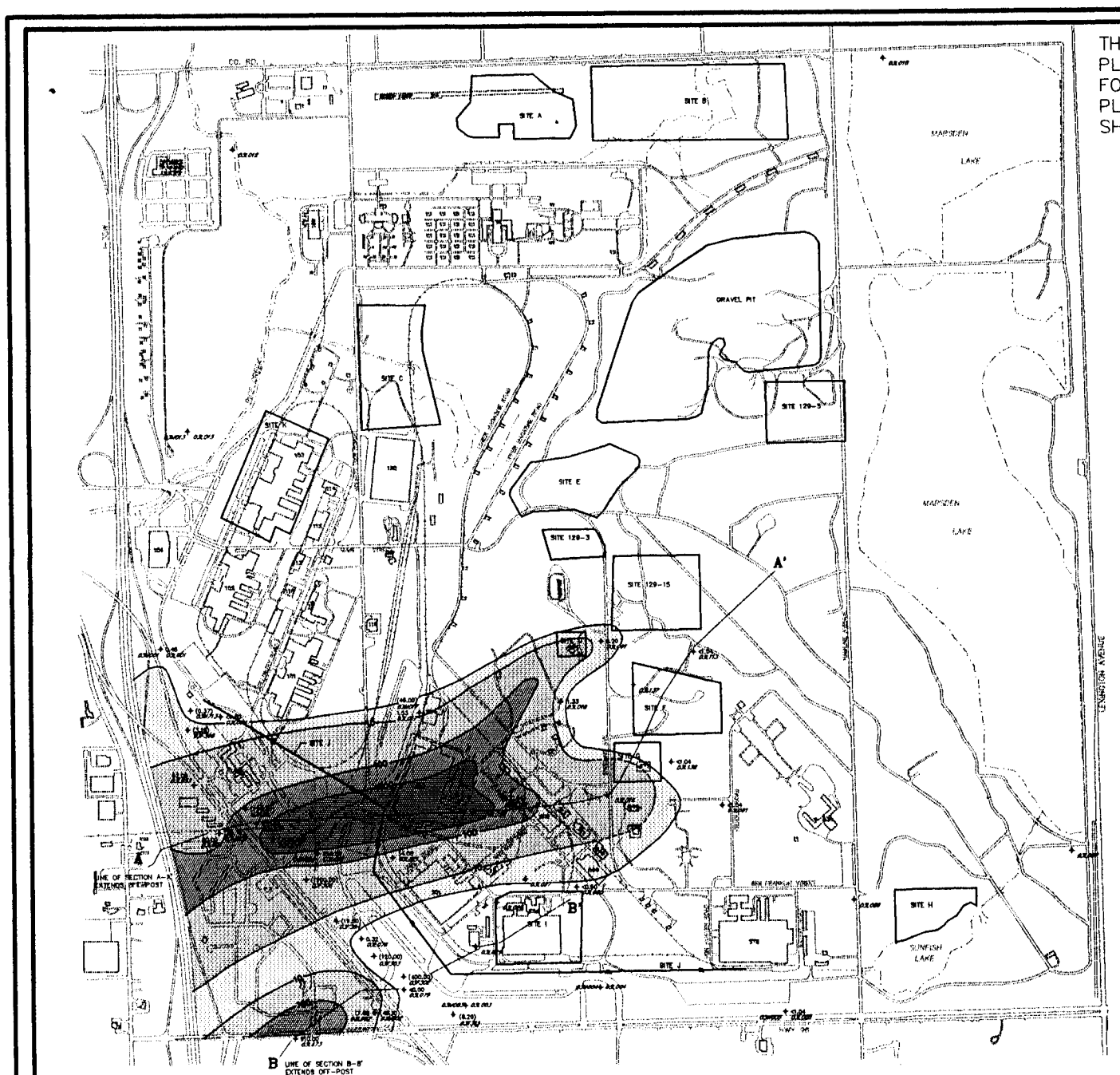
Fig. IV-33



THIS FIGURE IS A REDUCTION OF PLAN SHEET 29 AND IS INCLUDED FOR GENERAL INFORMATION ONLY. PLEASE REFER TO THE PLAN SHEET FOR DETAILED REVIEW.

FY 1995

400 0 400 800
SCALE IN FEET

LEGEND

- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- ABANDONED WELL LOCATION
- SITE BOUNDARY
- WATER SYMBOL
- ROAD
- TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
- 10 ISOCONCENTRATION CONTOUR (ug/l)
- 10 ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)
- CROSS SECTION LINE
- BUILDING REMOVED

NOTES:
1. ALL LOWER UNIT 3 WELLS AT THE SITE ARE SHOWN.
2. MIDDLE UNIT 3 WELLS WITH DATA FOR QUARTER 46 ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
3. 03F RECOVERY WELLS ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
4. RECOVERY WELL NAME CONVERSIONS:

03F302	B-1
03F303	B-2
03F304	B-3
03F305	B-4
03F306	B-5
03F307	B-6
03F308	B-7
03F312	B-11

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FISCAL YEAR 1995 ANNUAL MONITORING REPORT

OU2, UPPER UNIT 3 TRICHLOROETHENE ISOCONCENTRATION MAP, SPRING 1995 (Q46)

SCALE	DRAWN	APPROVED BY	DATE	DRAWING NO	SHEET NO
1:6000	DLM	WPJ	8-16-96	ON_TRICLE.DWG	29

TWIN CITIES ARMY AMMUNITION PLANT

OU2, Lower Unit 3 Trichloroethene Isoconcentration Map, Spring 1995 (Q46)

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1996

400 0 400 800
SCALE IN FEET

LEGEND

- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- REJECTED DATA
- SITE BOUNDARY
- WATER SYMBOL
- ROAD
- TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
- 10 ISOCONCENTRATION CONTOUR (ug/l)
- 10 ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)
- CROSS SECTION LINE
- BUILDING REMOVED

NOTES:
1. ALL LOWER UNIT 3 WELLS AT THE SITE ARE SHOWN.
2. MIDDLE UNIT 3 WELLS WITH DATA FOR QUARTER 51 ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
3. 03F RECOVERY WELLS ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
4. RECOVERY WELL NAME CONVERSIONS:

03F302	B-1
03F303	B-2
03F304	B-3
03F305	B-4
03F306	B-5
03F307	B-6
03F308	B-7
03F312	B-11

5. DATA SHOWN WITH AN R HAS BEEN REJECTED DUE TO UNACCEPTABLE SPIKE RECOVERIES. THE DATA IS SHOWN IN PARENTHESIS, BUT IS USED FOR CONTOURING PURPOSES.

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FISCAL YEAR 1996 ANNUAL MONITORING REPORT

OU2, LOWER UNIT 3 TRICHLOROETHENE ISOCONCENTRATION MAP, SUMMER 1996 (Q51)

SCALE	DRAWN	APPROVED BY	DATE	DRAWING NO	SHEET NO
1:6000	DLM	WPJ	2-5-97	ON_TRICLE.DWG	23

TWIN CITIES ARMY AMMUNITION PLANT

OU2, Lower Unit 3 Trichloroethene Isoconcentration Map, Summer 1996 (Q51)

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Fig. IV-34

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FY 1995

SCALE IN FEET: 400 0 400 800

LEGEND

- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- SITE BOUNDARY
- WATER SYMBOL
- ROAD
- TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
- ISOCONCENTRATION CONTOUR (ug/l)
- ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)
- CROSS SECTION LINE
- BUILDING REMOVED

NOTES:

1. ALL UNIT 4 WELLS AT THE SITE ARE SHOWN.
2. ALL 04J WELLS (JORDAN WELLS) WITH DATA FOR QUARTER 46 ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
3. ALL PJ# RECOVERY WELLS ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
4. PJ# MONITORING WELLS WITH DATA FOR QUARTER 46 ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
5. RECOVERY WELL NAME CONVERSIONS:

PJ# 309	B-8
PJ# 310	B-9
PJ# 311	B-10
PJ# 313	B-12

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OU2, UPPER UNIT 4, TRICHLOROETHENE ISOCONCENTRATAION MAP SPRING 1995 (Q46)

SCALE	DRAWN	APPROVED BY	DATE	DRAWING NO	SHEET NO
1:6000	DLM	WPJ	8-18-95	N4UTRCLP.DWG	31

TWIN CITIES ARMY AMMUNITION PLANT

OU2, Upper Unit 4 Trichloroethene Isoconcentration Map, Spring 1995 (Q46)

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FY 1996

SCALE IN FEET: 400 0 400 800

LEGEND

- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- SITE BOUNDARY
- WATER SYMBOL
- ROAD
- TRICHLOROETHENE CONCENTRATION (ug/l) (VALUES IN PARENTHESES WERE NOT USED FOR CONTOURING PURPOSES)
- ISOCONCENTRATION CONTOUR (ug/l)
- ESTIMATED ISOCONCENTRATION CONTOUR (ug/l)
- CROSS SECTION LINE
- BUILDING REMOVED
- REJECTED DATA

NOTES:

1. ALL UNIT 4 WELLS AT THE SITE ARE SHOWN.
2. ALL 04J WELLS (JORDAN WELLS) WITH DATA FOR QUARTER 51 ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
3. ALL PJ# RECOVERY WELLS ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
4. PJ# MONITORING WELLS WITH DATA FOR QUARTER 51 ARE SHOWN WITH DATA IN PARENTHESES, BUT WERE NOT USED FOR CONTOURING.
5. RECOVERY WELL NAME CONVERSIONS:

PJ# 309	B-8
PJ# 310	B-9
PJ# 311	B-10
PJ# 313	B-12

6. DATA SHOWN WITH AN R HAS BEEN REJECTED DUE TO UNACCEPTABLE SPIKE RECOVERIES. THE DATA IS SHOWN IN PARENTHESIS BUT IS NOT USED FOR CONTOURING PURPOSES.

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OU2, UPPER UNIT 4, TRICHLOROETHENE ISOCONCENTRATAION MAP SUMMER 1996 (Q51)

SCALE	DRAWN	APPROVED BY	DATE	DRAWING NO	SHEET NO
1:6000	DLM	WPJ	2-5-97	N4UTRCLP.DWG	24

TWIN CITIES ARMY AMMUNITION PLANT

OU2, Upper Unit 4 Trichloroethene Isoconcentration Map, Summer 1996 (Q51)

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Fig. IV-35

SITE D, 017 WELL NEST, TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

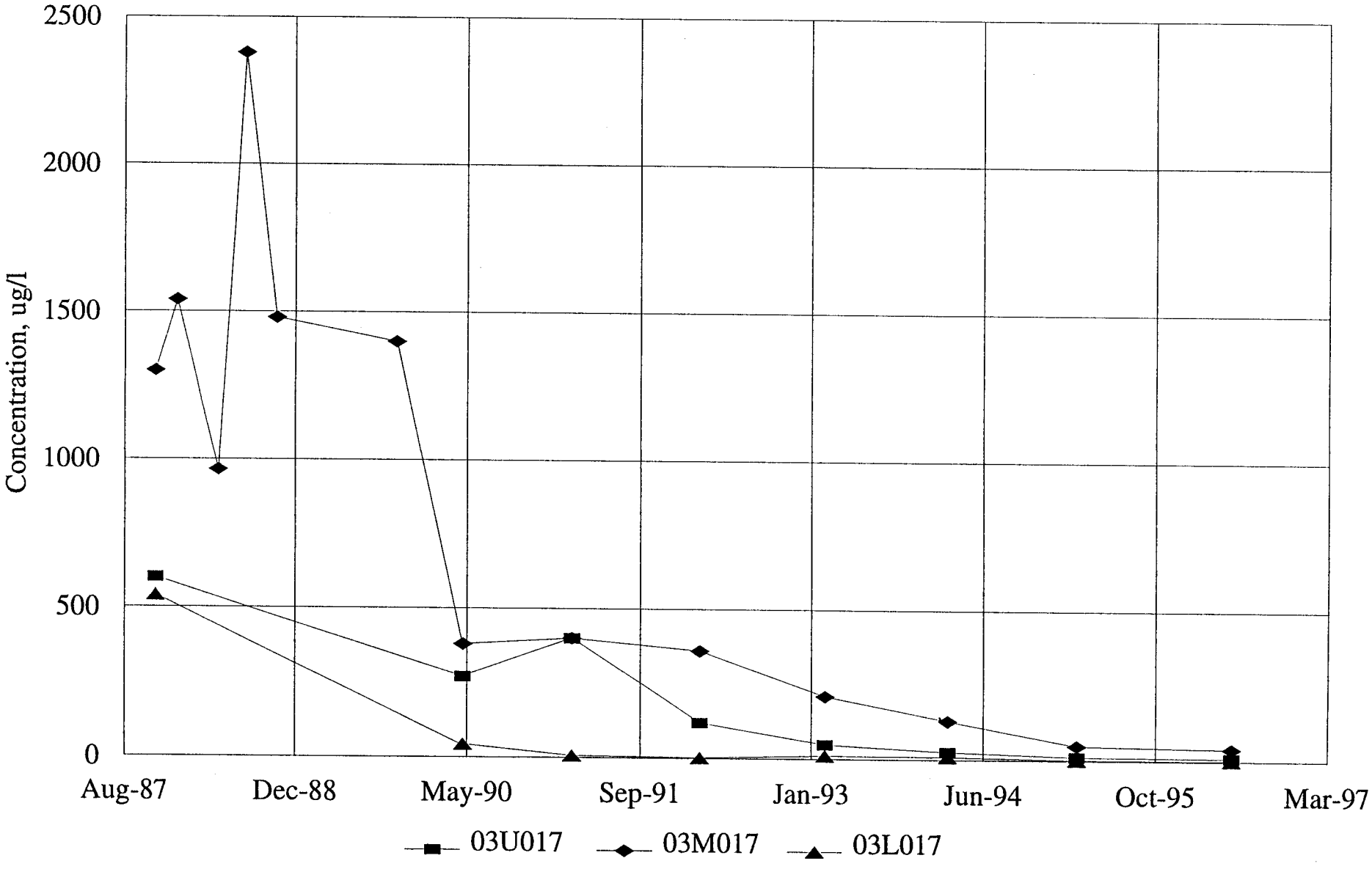

Figure IV - 36
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SITE D, WELL 03U093, TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

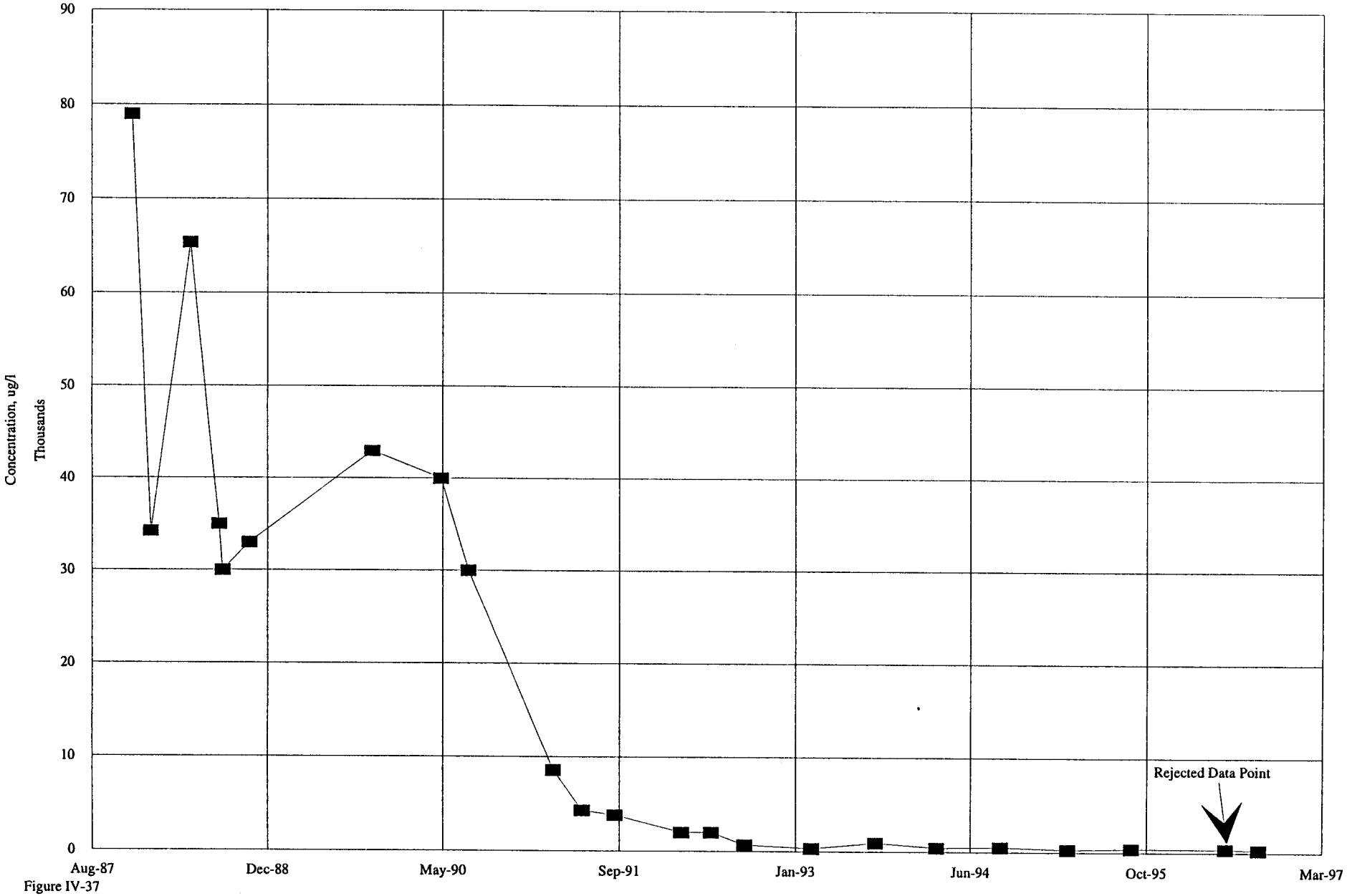


Figure IV-37
Wenck Associates, Inc.

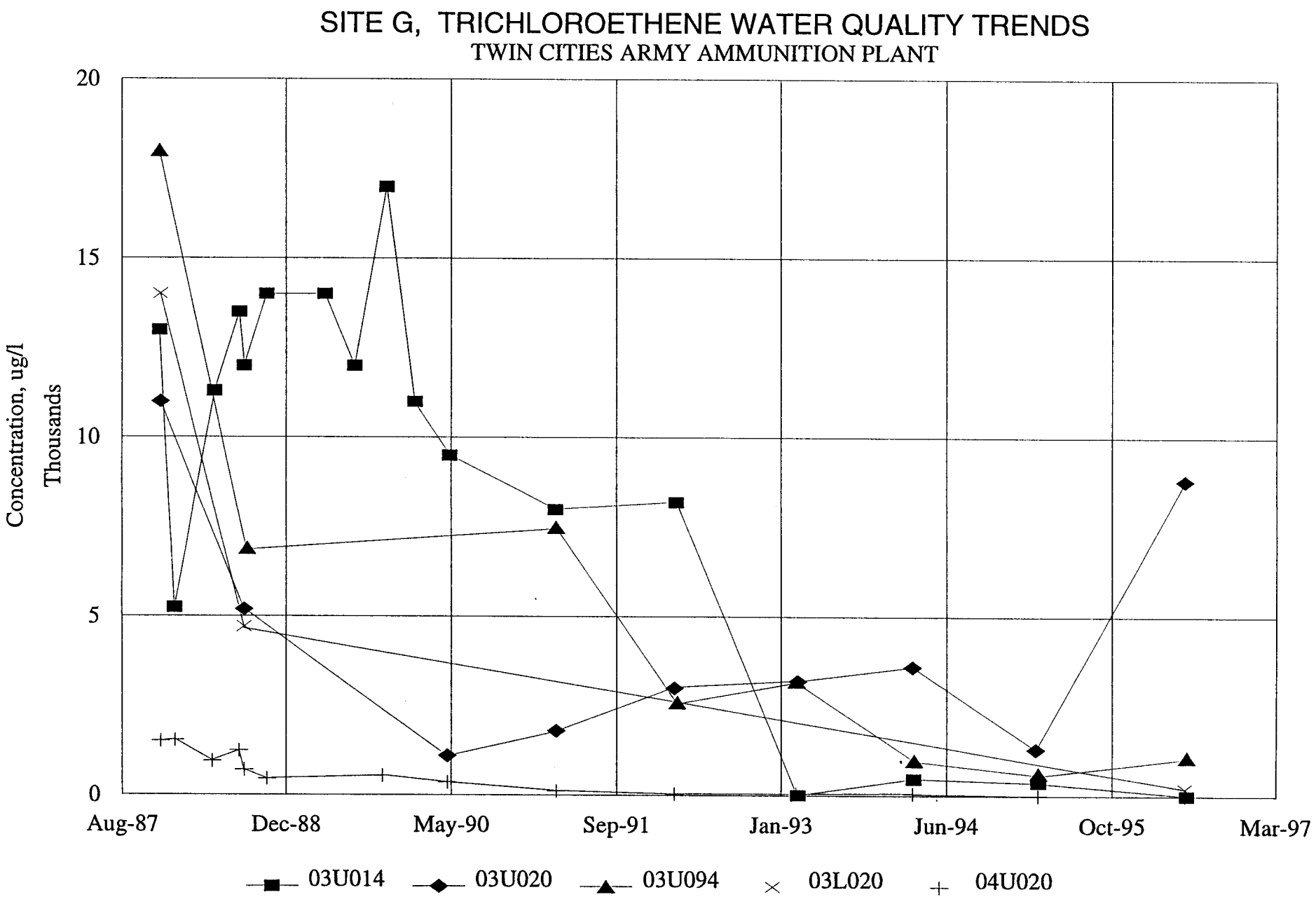
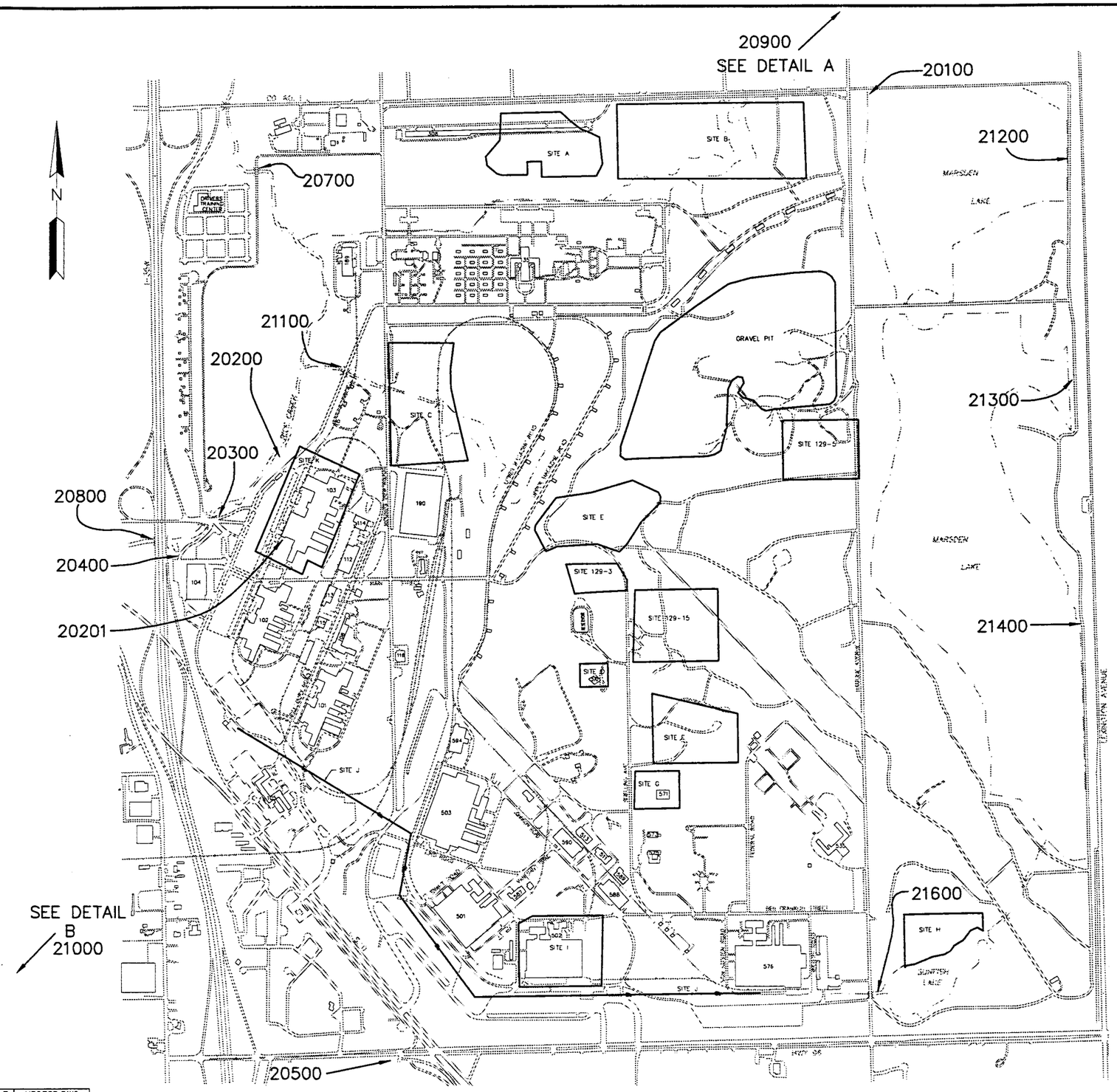
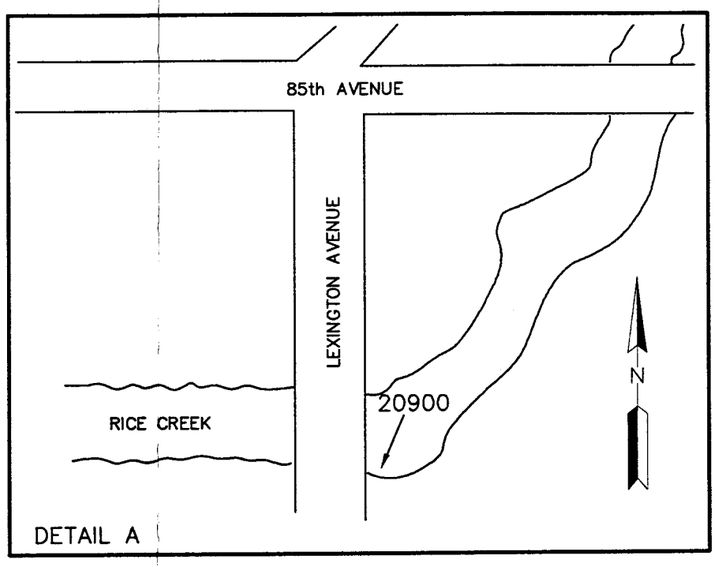
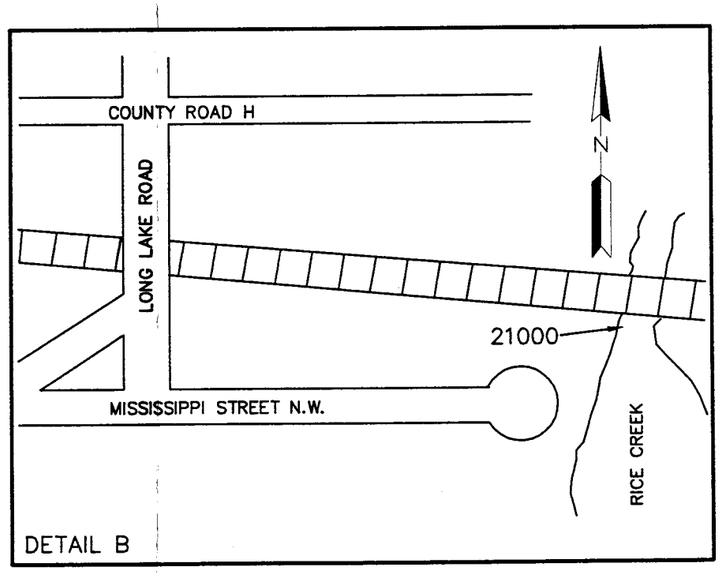


Figure IV-38
Wenck Associates, Inc.







SAMPLE LOCATION DESCRIPTIONS

20100 MARSDEN LK OUT	20200 BLDG 103/114 OUTFALL	20201 BLDG 103 EFFLUENT	20300 BLDG 113/115 OUTFALL	20400 BLDG 104/116 OUTFALL
20500 ROUND LK OUTFALL	20700 RICE CRK IN	20800 RICE CRK OUT	20900 RICE CRK & LEX	21000 RICE CRK & LONG LK
21100 CULVERT AREA RUNOFF	21200 N INLET LEX RUNOFF	21300 MID INLET LEX RUNOFF	21400 S INLET LEX RUNOFF	201600 HAMLINE RUNOFF

FILE NPDESP.DWG
DATE 4-10-97 M:DLM

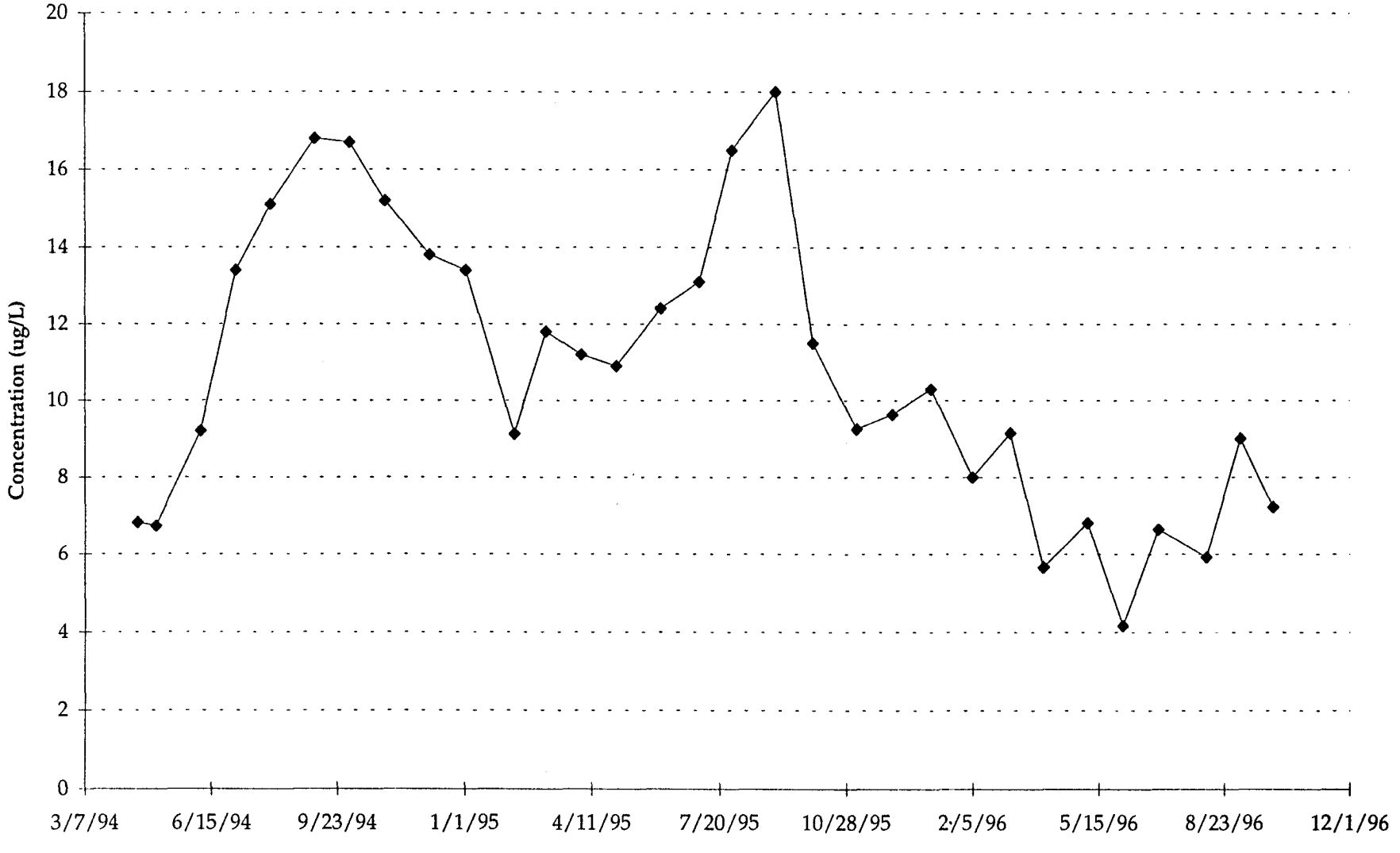
TWIN CITIES ARMY AMMUNITION PLANT

Surface Water Monitoring Locations

COPYRIGHT
Wenck Associates, Inc. Environmental Engineers
1800 Pioneer Creek Center Maple Plain, MN 55359

SEPT. 1997

Figure No. IV-39



Note: Samples reporting concentrations less than the detection limit were plotted as zero.
When duplicate samples were collected, the higher concentration was plotted.

figure V–2
OU3 (PGRS) INFLUENT
TRCLE vs. TIME
Twin Cities Army Ammunition Plant

CRA

3877(A)–DEC. 17/96–REV.0 (MN)

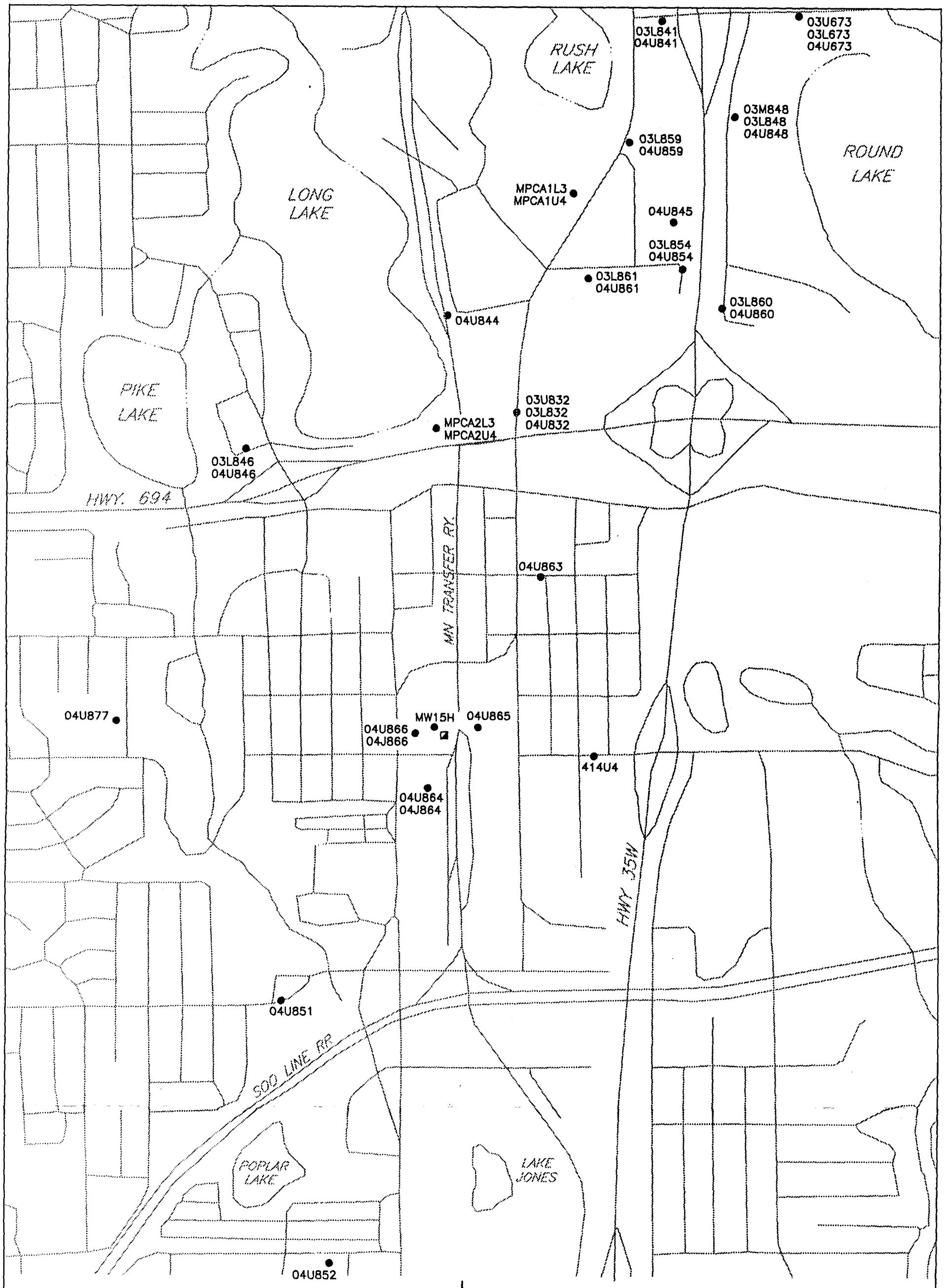
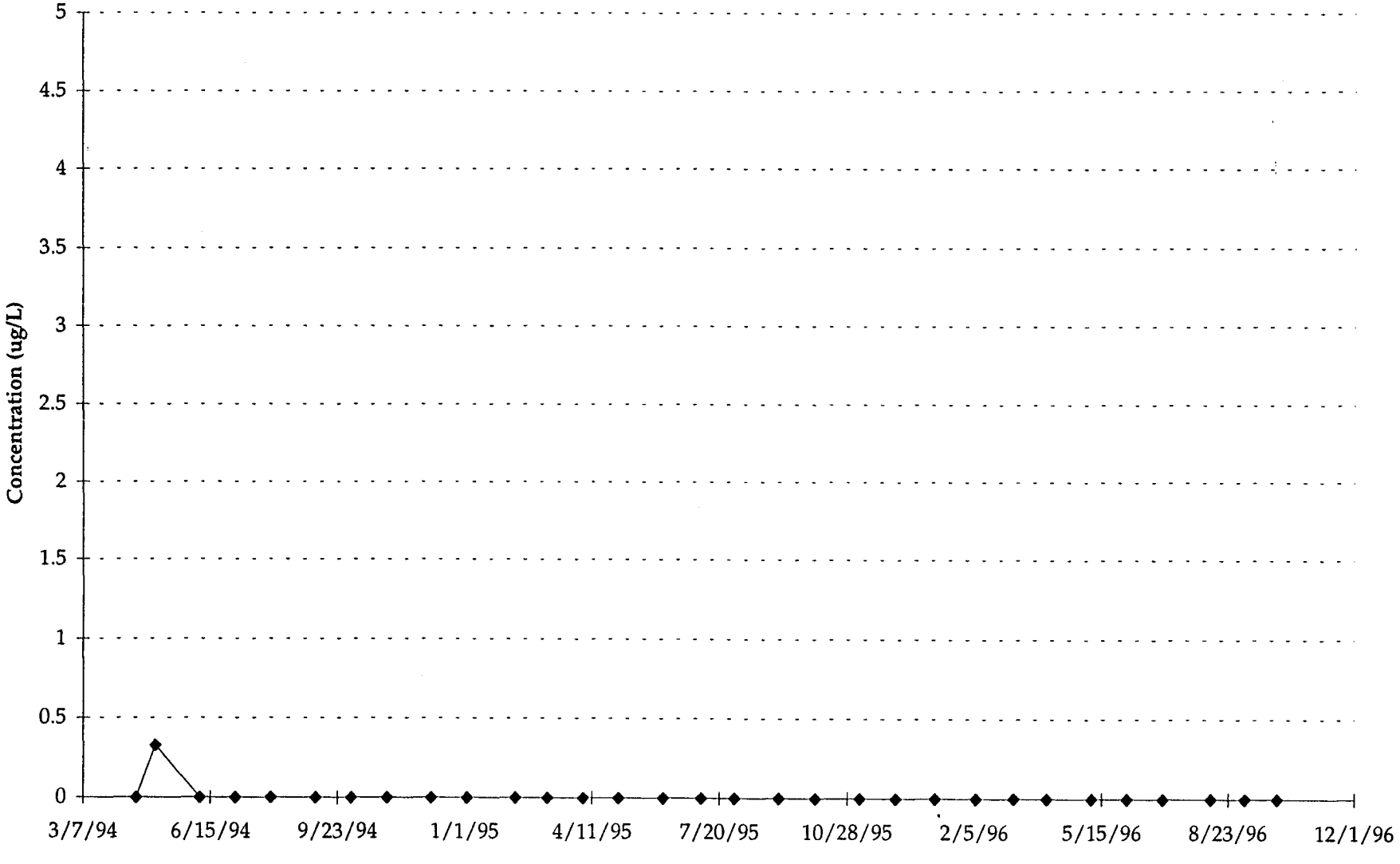


figure V-1
OU3 (PGRS) SITE PLAN
Twin Cities Army Ammunition Plant

3877(A)-OCT. 3/96-REV.0 (M-01)(MN)



Note: Samples reporting concentrations less than the detection limit (0.5µg/L) were plotted as zero. When duplicate samples were collected, the higher concentration was plotted.

figure V–3
OU3 (PGRS) EFFLUENT
TRCLE vs. TIME
Twin Cities Army Ammunition Plant

CRA

3877(A)–DEC. 17/96–REV.0 (MN)

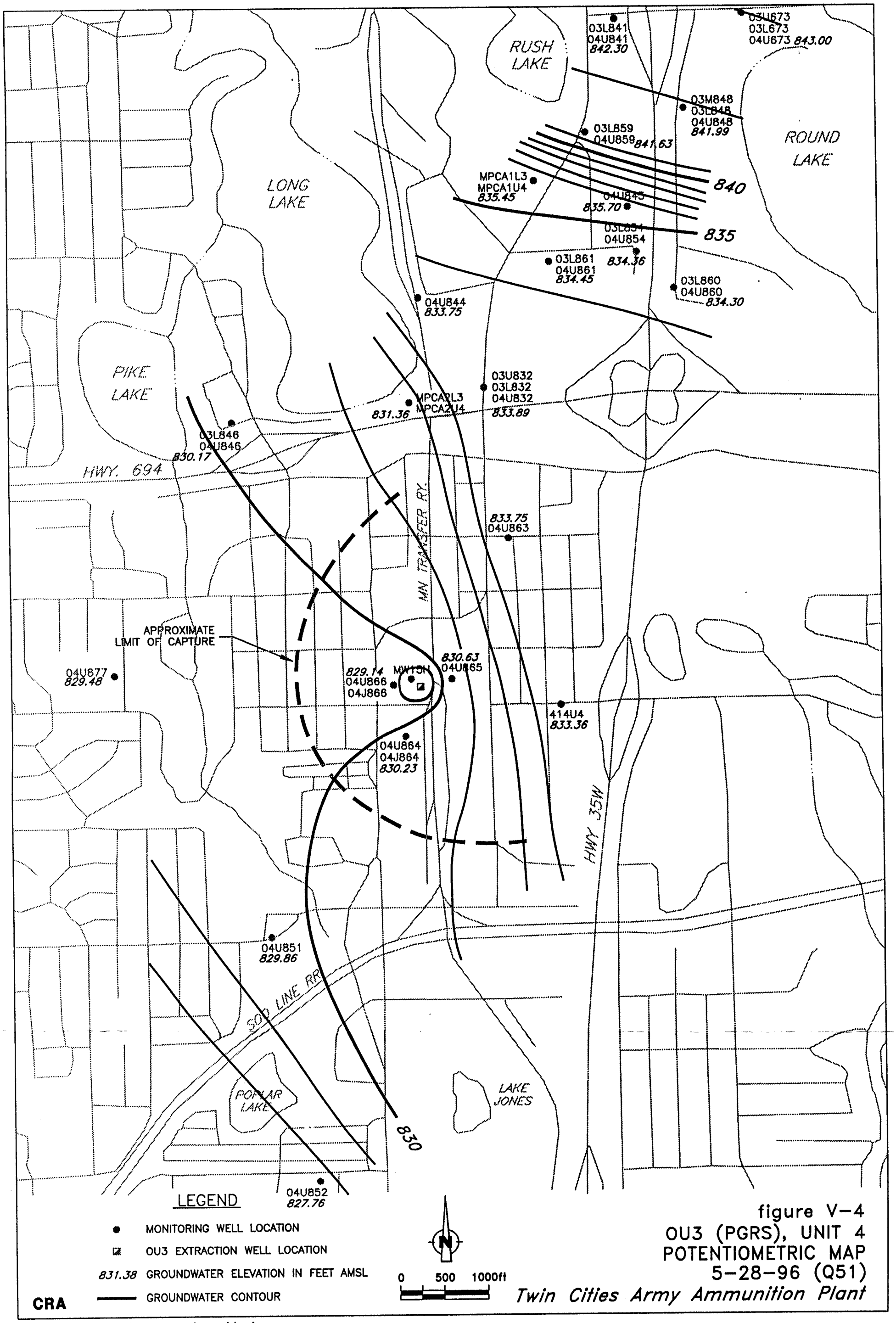


figure V–4
OU3 (PGRS), UNIT 4
POTENTIOMETRIC MAP
5–28–96 (Q51)
Twin Cities Army Ammunition Plant

3877(A)–OCT. 3/96–REV.0 (M–02)(MN)

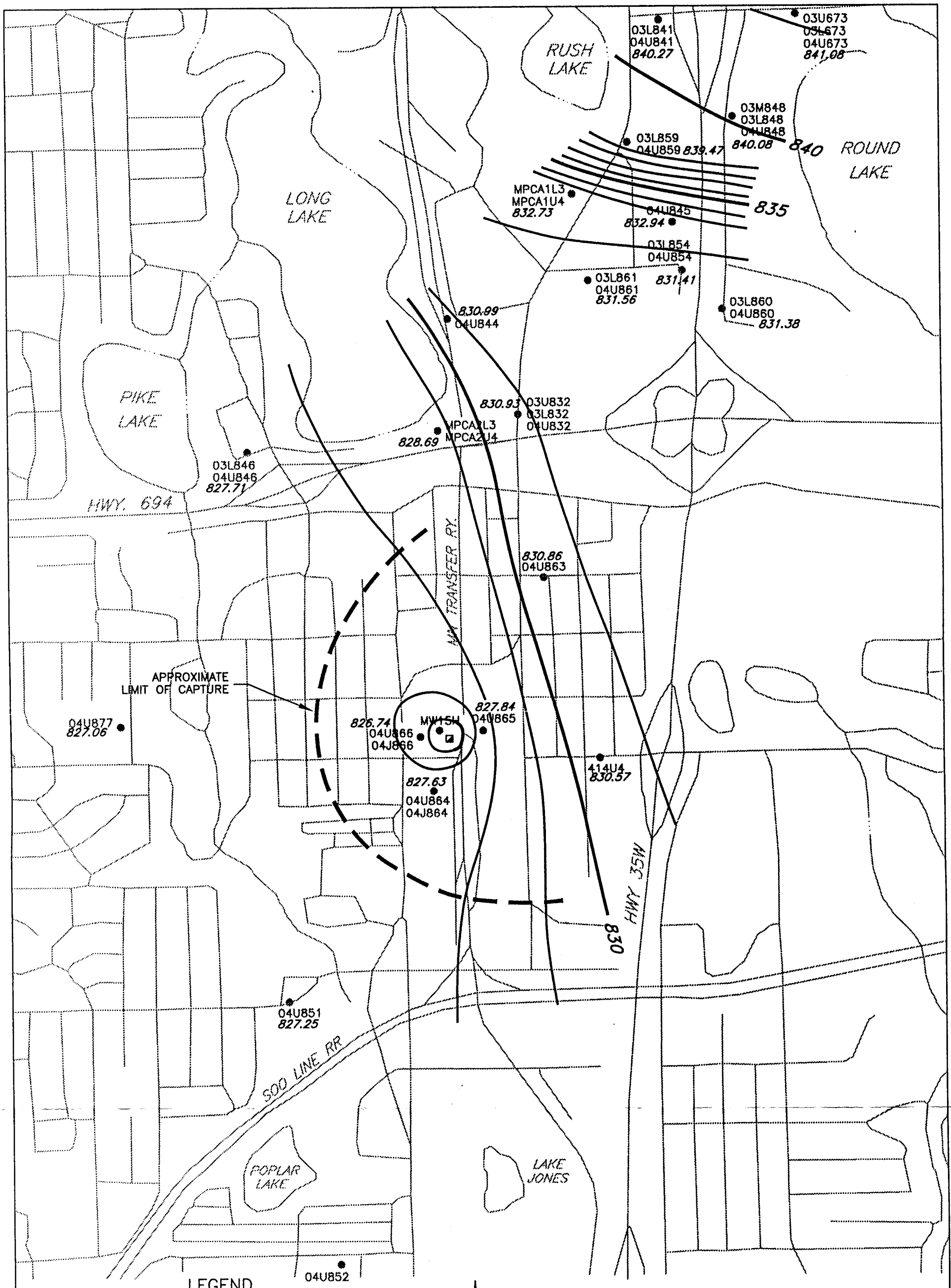


figure V-5
OU3 (PGRS), UNIT 4
POTENTIOMETRIC MAP
9-16-96 (Q52)
Twin Cities Army Ammunition Plant

3877(A)-OCT. 3/96-REV.0 (M-03)(MN)

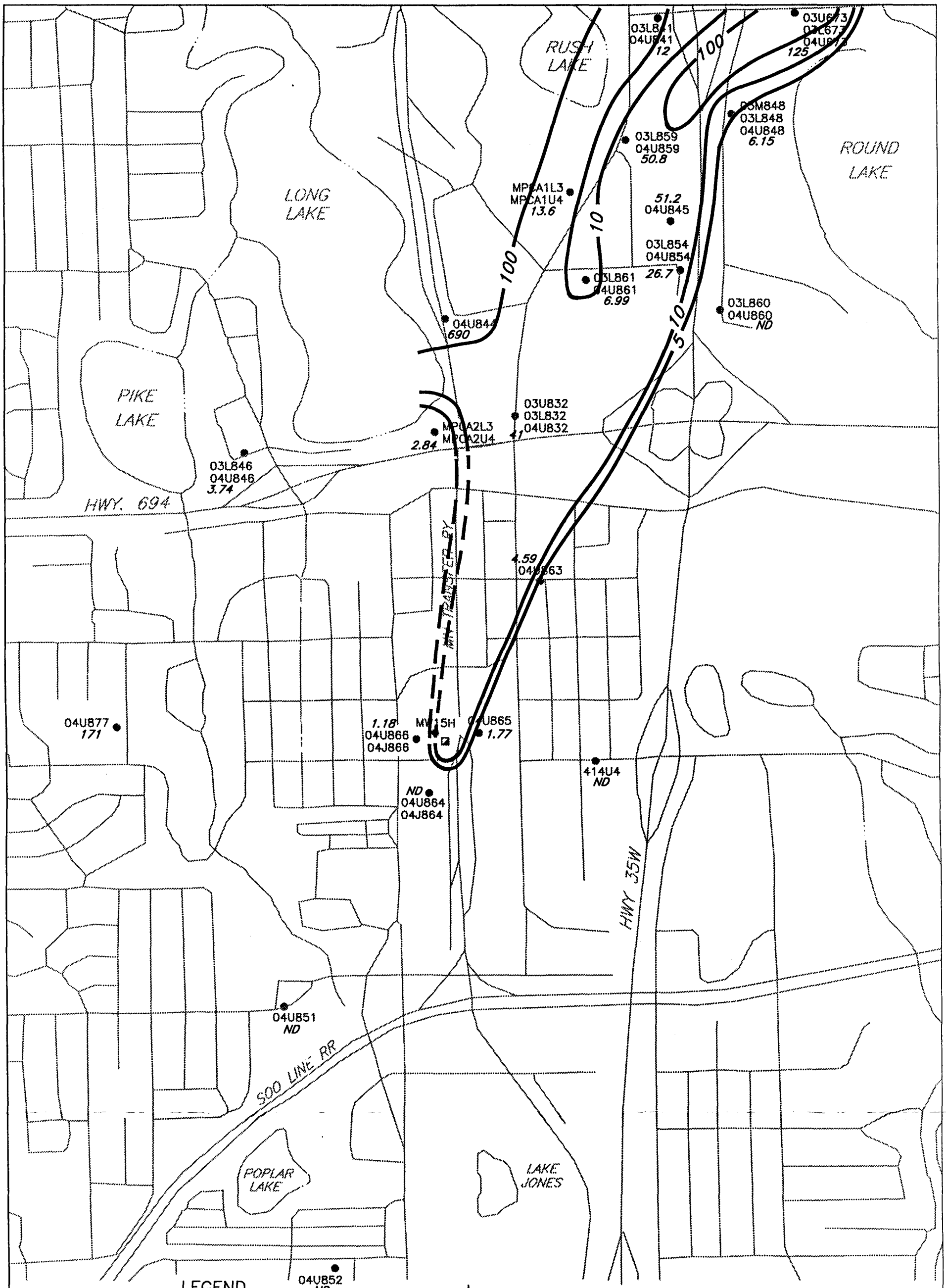


figure V–6

OU3 (PGRS), UNIT 4 TRCLE CONTOURS
JUNE 1996 (Q50)
SOUTH PLUME

Twin Cities Army Ammunition Plant

3877(A)–OCT. 3/96–REV.0 (M–04)(MN)

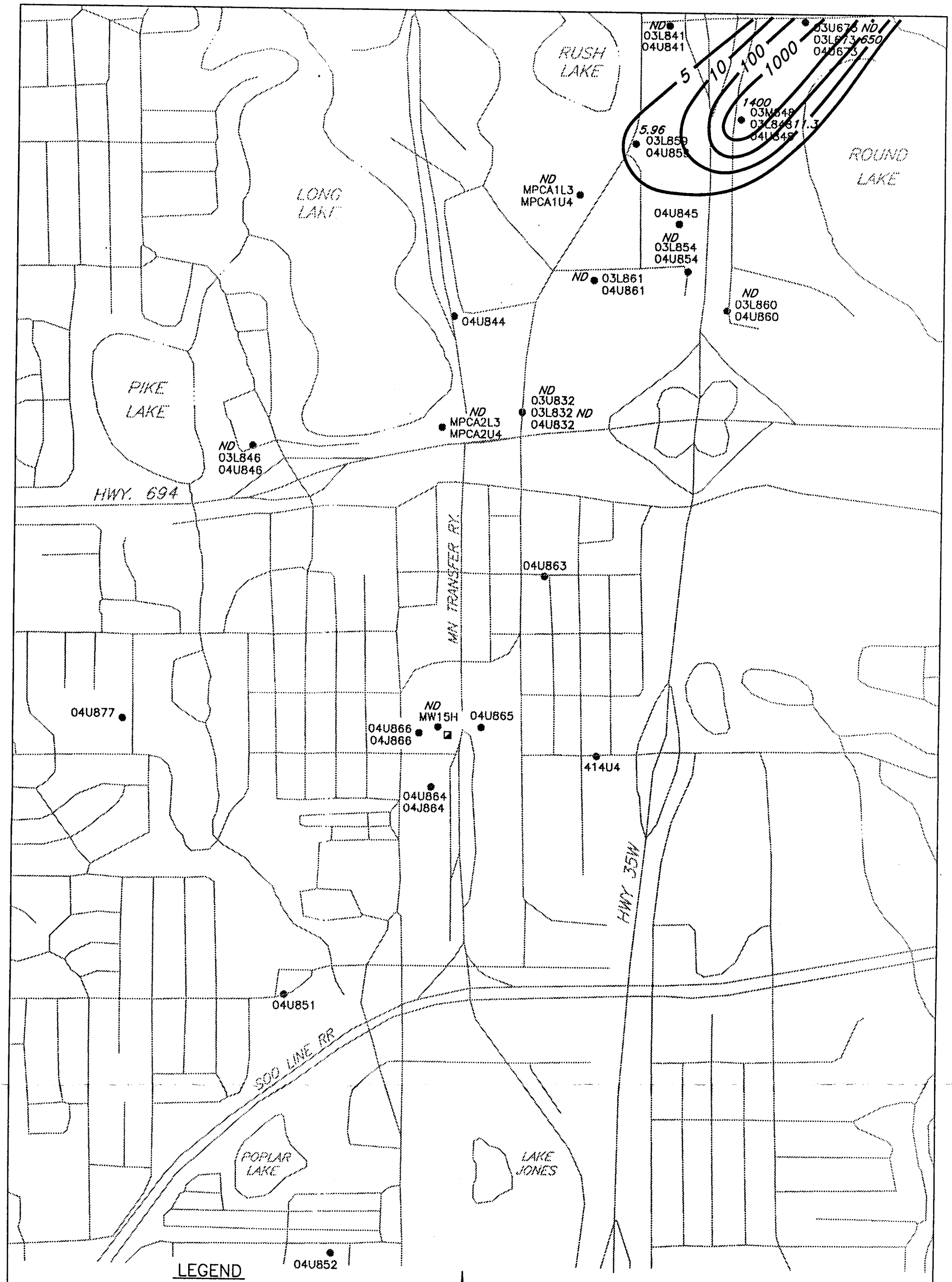


figure V–7
OU3 (PGRS), UNIT 3 TRCLE CONTOURS
JUNE 1996 (Q51)
SOUTH PLUME
Twin Cities Army Ammunition Plant

3877(A)–OCT. 3/96–REV.0 (M–05)(MN)

APPENDIX A

Appendix A

Select Project Correspondence

A.1 Relevant Correspondence

Minnesota Pollution Control Agency

September 5, 1995

Mr. Martin R. McCleery
Remedial Project Manager
Twin Cities Army Ammunition Plant
New Brighton, Minnesota 55112-5700

RE: Consistency Test for the Fiscal Year 1994, Annual Monitoring Report/Fiscal Year 1996; Annual Monitoring Plan for the Twin Cities Army Ammunition Plant, Draft Final Report, February 1995.

Dear Mr. McCleery:

Staff at the U.S. Environmental Protection Agency (U.S. EPA) and the Minnesota Pollution Control Agency (MPCA) have reviewed the draft final version of the above-referenced document dated February 1996. We have also reviewed the redlined revisions dated August 1995, provided in response to the Agencies' comments on the draft and incorporating the revisions discussed in the July 11, 1995, Comments Resolution Meeting and subsequent telephone conversations. The Agencies have also received minutes of the July 11, 1995, meeting as well as revisions to the minutes dated August 21, 1995. Finally, the Agencies have received the August 21, 1995, correspondence from Wenck Associates, Inc. providing additional response to comments in the MPCA's August 11, 1995, letter.

Please be advised, as agreed to in a conference call on August 24, 1995, that where concentrations in wells such as Wells 206688 and O4U871 are increasing, Army will need to follow the trends more closely.

You are hereby advised that, in accordance with Chapter XIV of the Federal Facility Agreement, The Fiscal year 1994, Annual Monitoring report/ Fiscal Year 1996, Annual Monitoring Plan for the Twin Cities Army Ammunition Plant passes the Consistency Test.

If there are any questions or you require additional information, please contact Tom Barounis at (312) 353-5577 or Dagmar Romano at (612) 296-7776.

Sincerely,

Dagmar Romano
Project Manager
Response Unit I
Site Response Section
Ground Water and Solid Waste Division

for Dagmar Romano

Tom Barounis
Remedial Project Manager
U.S. Environmental Protection Agency
Region V
77 West Jackson Boulevard
Chicago, Illinois 60604

DMR:lma

MN F
CONESTOGA-ROVERS & ASSOCIATES
1801 Old Highway 8, Suite 114
St. Paul, Minnesota 55112
(612) 639-0913 Fax:(612) 639-0923

February 1, 1996 Reference No. 6687

Mr. David Gosen
MN11-2115
ALLIANT TECHSYSTEMS, INC.
600 2nd Street Northeast
Hopkins, Minnesota 55343

Dear Dave:

Re: Request for Change to FY96 Annual Monitoring Plan

As a result of the change in status at TCAAP from a stand-by facility to a caretaker status, support services associated with maintaining access to the various areas of TCAAP have been curtailed. The annual groundwater monitoring event, which was previously conducted in June, had been moved to March of each year due to the difficulties experienced early on in the program with getting data accepted into the IRDMIS system. Problems associated with data entry and acceptance have been addressed and data flow is occurring on a much smoother basis.

Accordingly, CRA requests that Alliant Techsystems and the Army formally request that the annual groundwater monitoring event be changed from March to June for 1996 and beyond in order to facilitate groundwater monitoring and to reduce the costs associated with obtaining the data. Based on the current data-handling schedule, CRA anticipates no problems with obtaining the data in a timely fashion for preparation of the Annual Monitoring Report. In order to facilitate the change, this topic should be raised at the February 1996 TRC meeting at TCAAP.

If you have any questions or require additional information, please call me at (612) 639-0913.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Brian C. Boevers

BCB/jm
c.c. J. Persoon; GES
D. Rastetter; Alliant Techsystems

MN FILE COPY

CONESTOGA-ROVERS & ASSOCIATES
1801 Old Highway 8, Suite 114
St. Paul, Minnesota 55112
(612) 639-0913 Fax:(612) 639-0923

March 13, 1996

Reference No. 6687

Mr. Tom Barounis
U.S. ENVIRONMENTAL
PROTECTION AGENCY
Region V (HSR-6J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Ms. Dagmar Ramano
MINNESOTA POLLUTION CONTROL
AGENCY
520 Lafayette Road
St. Paul, Minnesota 55155

Dear Mr. Barounis and Ms. Ramano:

Re: Request for Change to Surface Water
Sampling Schedule and Procedures for TCAAP

On behalf of the U.S. Army and Global Environmental Solutions (GES), Conestoga-Rovers & Associates (CRA) is formally requesting that the Fiscal Year 1996 Annual Monitoring Plan be modified to reflect a change in the surface water monitoring schedule and quality assurance sampling requirements as discussed at the February Technical Review Committee (TRC) meeting.

The current Annual Monitoring Plan utilized to establish the sampling locations and frequencies required for long term monitoring at TCAAP specifies that the annual surface water sampling event be conducted in February. Historically, Federal Cartridge Company (FCC) and it's contractors have conducted the annual event in April or May due to physical limitations associated with conducting surface water sampling in February in Minnesota. GES and the Army request a modification to the Annual Monitoring Plan to reflect that the annual surface water sampling event be conducted in May rather than in February as currently stated in the plan. Monthly sampling would be conducted in February.

In addition, the plan quality assurance sampling requirements identified that a field blank and a deionized water blank be collected with surface water samples. FCC and it's contractor have historically collected a rinsate blank and a trip blank. CRA will be collecting samples directly into sampling containers, therefore, a rinsate blank is not required. Accordingly, GES and the Army request a change to the QC requirements that a duplicate sample and a field blank be collected in lieu of a field blank and the deionized water blank.

If you have any questions or require additional supporting information, please call me at (612) 639-0913.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Brian C. Boevers

BCB/jm
c.c. M. McCleery; TCAAP
J. Persoon; GES
D. Gosen; Alliant Techsystems
C. Voelkers; MPCA

MN FILE COPY

CONESTOGA-ROVERS & ASSOCIATES
1801 Old Highway 8, Suite 114
St. Paul, Minnesota 55112
(612) 639-0913 Fax:(612) 639-0923

March 13, 1996

Reference No. 7680-30

Mr. Tom Barounis
U.S. ENVIRONMENTAL
PROTECTION AGENCY
Region V (HSR-6J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Ms. Dagmar Ramano
MINNESOTA POLLUTION CONTROL
AGENCY
520 Lafayette Road
St. Paul, Minnesota 55155

Dear Mr. Barounis and Ms. Ramano:

Re: Request for Change to FY96 TCAAP Annual Monitoring Plan

On behalf of the U.S. Army and Alliant Techsystems, Inc. (ATK), Conestoga-Rovers & Associates (CRA) is requesting that the Fiscal Year 1996 Annual Monitoring Plan be formally modified to change the annual groundwater and various treatment systems monitoring events from March 1996 to June 1996 as discussed at the February 1996 Technical Review Committee (TRC) meeting. June quarterly sampling would be moved to March.

As a result of the change in status at TCAAP from a stand-by facility to a caretaker status, support services associated with maintaining access to the various areas of TCAAP have been curtailed during winter months. Moving the annual event to June will facilitate sampling and reduce the costs associated with providing access for sampling.

The annual groundwater monitoring event, which was previously conducted in June, had been moved to March of each year due to the difficulties experienced early on in the program with getting data accepted into the IRDMIS system. Problems associated with data entry and acceptance have been addressed and data flow is occurring on a much smoother basis. Based on the current data-handling schedule, CRA anticipates no problems with obtaining the data in a timely fashion for preparation of the Annual Monitoring Report.

If you have any questions or require additional information, please call me at (612) 639-0913.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Brian C. Boevers

BCB/jm
c.c. M. McCleery; TCAAP
J. Persoon; GES
D. Gosen; Alliant Techsystems

MN .ILE COPY

DEPARTMENT OF THE ARMY
TWIN CITIES ARMY AMMUNITION PLANT
4700 HWY 10- SUITE A
ARDEN HILLS, MINNESOTA 55112-[redacted]-3928

cc: CRA

REPLY TO ATTENTION OF

April 16, 1996

#7680/#6687

cc: CC
DVS
BB

SIOTC-EV (200-1b)

SUBJECT: Request for Change to FY96 TCAAP Annual Monitoring Program
Request for Change to Surface Water Sampling Schedule and Procedures at TCAAP

Alliant Techsystems Inc.
ATTN: Mr. Robin J. Rockney/MN24
Twin Cities Army Ammunition Plant
4700 Highway 10 - Suite F
Arden Hills, MN 55112

APR 1 6 1996
R. J. ROCKNEY

Dear Sir:

References:

a. Letters, Conestoga-Rovers & Associates, March 13, 1996, subject: Request for Change to FY96 TCAAP Annual Monitoring Plan & Request for Change to Surface Water Sampling Schedule and Procedures for TCAAP.

b. Letter, U.S. Environmental Protection Agency/Minnesota Pollution Control Agency, April 4, 1996, SAB.

The enclosed letter (ref. b) is forwarded for your information and action in response to referenced letters (ref. a). EPA & MPCA staff agree with: (1) the proposal to move the various treatment system monitoring event from March 1996 to June 1996; (2) the proposed change to the quality assurance sampling requirements, with the stipulation that a trip blank be collected for VOC samples, and that the timing of the sampling event remains consistent with the June annual groundwater monitoring.

If you have any questions, please contact Mr. Marty McCleery, SIOTC-EV, 612/633-2301, ext. 1651.

Sincerely,

Michael R. Fix
Contracting Officer's Representative

Enclosure

Copies Furnished:

Conestoga-Rovers & Associates, ATTN: Mr. Brian Boevers (w/encl)
Corps of Engineers/Wenck Associates, Inc., ATTN: Mr. Jay Hodges/Mr. Keith Benker (w/encl)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

April 4, 1996 SRF-5J

Mr. Martin R. McCleery
Remedial Project Manager
Twin Cities Army Ammunition Plant
4700 Highway 10, Suite A
Arden Hills, Minnesota 55112-3928

Subject: Request for Change to FY96 TCAAP Annual Monitoring Program and Request for Change to Surface Water Sampling Schedule and Procedures for TCAAP

Dear Mr. McCleery:

The U. S. Environmental Protection Agency (EPA) and the Minnesota Pollution Control Agency (MPCA) staff have received the subject requests dated March 19, 1996, with accompanying letters from Conestoga-Rovers & Associates dated March 13, 1996 providing the specifics of the requests.

With respect to the Request for Change to the FY96 TCAAP Annual Monitoring Plan, EPA and MPCA staff agree with the proposed modification to change the annual groundwater and various treatment systems monitoring events from March 1996 to June 1996, as discussed at the February 1996 Technical Review Committee meeting.

The Request for Change to Surface Water Sampling Schedule and Procedures for TCAAP states that the annual surface water sampling event is to be conducted "in May rather than February, as currently stated in the plan." This statement is incorrect, as the current annual surface water sampling event is conducted in March, along with the annual groundwater monitoring. The timing of this sampling event shall remain consistent with the annual groundwater monitoring and shall not be performed in May but, rather, in June.

With respect to the statement that "Monthly sampling would be conducted in February", we understand this to mean that a monthly sampling event will occur during the month of the current annual sampling event and that no other changes to the current monthly sampling program are being proposed. Monthly sampling will occur on a monthly basis according to the approved Annual Monitoring Plan.

Finally, EPA and MPCA staff concur with the proposed changes to

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the quality assurance sampling requirements, with the stipulation that a trip blank shall be collected for volatile organic compound (VOC) samples.

If you have any questions, please contact Tom Barounis of the EPA at (312) 353-5577 or Dagmar Romano of the MPCA at (612) 296-7776.

Sincerely,

Tom Barounis

Tom Barounis
Remedial Project Manager
U.S. Environmental Protection Agency

Tom Barounis
for Dagmar Romano
Project Manager
Site Response Section
Minnesota Pollution Control Agency

DRAFT

January 9, 1997 Reference No. 7680-40

Mr. Martin McCleery
TWIN CITIES ARMY AMMUNITION PLANT
SIOTC-EV
4700 Highway 10, Suite A
Arden Hills, Minnesota 55112-3928

Mr. David Gosen
ALLIANT TECHSYSTEMS, INC.
MN11-2115
600 Second Street Northeast
Hopkins, Minnesota 55343

Dear Mssrs. McCleery and Gosen:

Re: Deviations from TGRS, PGRS, Site I, Site K and MCC Sampling Programs - 1996 Fiscal Year

Water quality sampling, water level measurement and documentation for the TGRS, PGRS, Site I, Site K and MCC for Fiscal Year 1996 (FY96) were performed in accordance with the approved 1996 Annual Monitoring Plan (including revisions dated December 21, 1995) and the "Installation Restoration Program" Quality Assurance Project Plan for the Remedial Investigation/Feasibility Study at the Twin Cities Army Ammunition Plant", USATHAMA, June 1988.

This letter includes MCC work conducted by CRA, which began in November 1995, when CRA took over MCC monitoring responsibilities. Federal Cartridge performed MCC groundwater, surface water and treatment system monitoring during October 1995. Any deviations in the October MCC work has not been included in this report.

Annual groundwater and treatment system quality sampling were moved from March 1996 to June 1996, following Army and MPCA approval. The monitoring schedule for March and June were "swapped". Annual surface water quality sampling was moved from February 1996 to June 1996, following Army and MPCA approval. During the first two quarters, quarterly surface water sampling was conducted during the second month. Following annual sampling, quarterly sampling was moved to the third month of the quarter.

All required water quality samples were collected and water level measurements were recorded as listed in the FY1996 Annual Monitoring Plan with the following comments and exceptions:

TGRS

There were no deviations from the monitoring plan during Quarters 49 and 50.

April, May and June Monitoring (Quarter 51)

- Groundwater level measurements were not taken at locations Staff Gauge 2 and Staff Gauge 3, as they are no longer in place.

July, August and September Monitoring (Quarter 52)

- A groundwater sample was not collected at well 03U301, as the well forcemain was under repair.

- Water level measurements were not taken at well 03F308, as the well was obstructed.

- Water level measurements were not taken at well PJ#802, as the well was obstructed.

PGRS

There were no deviations from the monitoring plan during Quarters 49, 50, 51 and 52.

Site I (Building 502)

There were no deviations from the monitoring plan during Quarters 49 and 50.

April, May and June Monitoring (Quarter 51)

- Water level measurements were not taken at wells 01U639, I02MW, I04MW and I05MW, as the wells were dry.

- Groundwater samples were not collected at wells 01U639, I02MW and I05MW, as the wells were dry. Well I01MW was dry when groundwater sampling was conducted, therefore, no sample was collected.

July, August and September Monitoring (Quarter 52)

- Water level measurements were not taken at wells 01U639, I01MW, I02MW, I03MW, I04MW and I05MW, as the wells were dry.

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Site K (Building 103)

There were no deviations from the monitoring plan during Quarters 49 and 50.

April, May and June Monitoring (Quarter 51)

- Water level measurements were not taken at wells 01U622 and 01U623, as the wells were obstructed.

July, August and September Monitoring (Quarter 52)

- Water level measurements were not taken at wells 01U622 and 01U623, as the wells were obstructed.

MCC Surface Water

October, November and December Monitoring (Quarter 49)

- Location 20500 was frozen during December 1995, therefore, no surface water quality samples were collected.

- Locations 20700 and 20800 were analyzed for lead instead of mercury during the November 1995 sampling event. Ms. Barb Gnabasic stated that separate samples for mercury analysis were not necessary in January 1996 because the quarterly round in February 1996 will include mercury.

January, February and March Monitoring (Quarter 50)

- Location 20300 was frozen during January, February and March 1996, therefore, no surface water quality samples were collected.

- Location 20500 was frozen during January, February and March 1996, therefore, no surface water quality samples were collected.

- Location 21100 was frozen during February 1996, therefore, no surface water quality samples were collected.

DRAFT

- Location 21200 was frozen during February 1996, therefore, no surface water quality samples were collected.

- Location 21300 was frozen during February 1996, therefore, no surface water quality samples were collected.

- Location 21400 was frozen during February 1996, therefore, no surface water quality samples were collected.

- Location 21600 was frozen during February 1996, therefore, no surface water quality samples were collected.

April, May and June Monitoring (Quarter 51)

- Location 20300 was frozen during April 1996, therefore, no surface water quality samples were collected.

- Location 20500 was frozen during April 1996, therefore, no surface water quality samples were collected.

- All mercury samples collected at surface water locations in June 1996 exceeded holding times. Locations were re-sampled in August 1996.

July, August and September Monitoring (Quarter 52)

- Location 20500 had insufficient water present to collect surface water quality samples during the September 1996 sampling event.

- Location 21100 had insufficient water present to collect surface water quality samples during the September 1996 sampling event.

- Location 21200 had insufficient water present to collect surface water quality samples during the September 1996 sampling event.

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MCC

October, November and December Monitoring (Quarter 49)

- Wells MW1 through MW8 have not been installed, therefore, no water level measurements or groundwater samples were collected.

- Groundwater level measurements were inadvertently missed for wells 04U850, 04U871, 04U875, 04U879, PCA3U4, PCA5U4, New Brighton #3 and New Brighton #4.

January, February and March Monitoring (Quarter 50)

- Wells MW1 through MW8 have not been installed, therefore, no water level measurements or groundwater samples were collected.

- Groundwater level measurements were inadvertently missed for wells 04U850, 04U871, 04U875, 04U879, PCA3U4, PCA5U4, New Brighton #3 and New Brighton #4.

April, May and June Monitoring (Quarter 51)

- Due to residential housing construction, a water level measurement could not be taken at wells 234352, 234356 and 234549.

- New Brighton Well #7 (206791) is in the process of being abandoned, therefore, a water level measurement could not be performed and a groundwater sample could not be collected.

- Wells MW1 through MW8 have not been installed, therefore, no water level measurements or groundwater samples were collected.

- Water level at well 200154 (UM Golf Course) was too deep for available water level tape, therefore, no water level measurements were taken.

- A water level tape is stuck in well 206688 (Cloverpond) preventing access for water level measurements. Annual groundwater quality samples were collected on July 3, 1996.

- Water level data for well 512761 (Gross Golf Course #2) was inadvertently lost and is not recoverable.

- Well 200812 (Gross Golf Course) is sealed around the cap preventing access for water level measurements.

- The property owner of well 235539 was not available to give permission for access to the well for groundwater level measurement or sample collection.

- An obstruction in well 03U803 prevents groundwater sampling.

- A groundwater sample was not collected from 04U510, as no electricity was available to operate the dedicated pump.

- Annual groundwater quality samples were collected at well PJ#318 on July 1, 1996.

- Nitrate and VOC samples collected at well 03U087 during June 1996 were entered into the IRDMIS database as QC data, rather than well data. CRA, Datachem, PRI and the Army are working to get the error corrected. Corrected data will be included in the 1996 Annual Monitoring Report as soon as it becomes available.

July, August and September Monitoring (Quarter 52)

- Due to residential housing construction, a water level measurement could not be taken at wells 234352, 234356 and 234549.

- New Brighton Well #7 (206791) is in the process of being abandoned, therefore, a water level measurement could not be performed.

- Wells MW1 through MW8 have not been installed, therefore, no water level measurements or groundwater samples were collected.

- Water level at well 200154 (UM Golf Course) was too deep for available water level tape, therefore, no water level measurements were taken.

- A water level tape is stuck in well 206688 (Cloverpond) preventing access for water level measurements.

- Wells 234546 and 234547 (Honeywell Ridgeway) are built such that there is no access port for a water level tape, therefore, no water level measurements were taken.

- Well 200812 (Gross Golf Course) is sealed around the cap, preventing access for water level measurements.

- The property owner of well 235539 was not available to give permission for access to the well for groundwater level measurement.

- Groundwater level measurements were inadvertently missed for wells 01U142, 01U143 and 01U144.

If you have any questions, please do not hesitate to contact us.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Charles F. Cooke, P.E.

KK/bam
c.c. Brian Boevers; CRA

A.2 TCAAP Special Well Construction Area Notice

Minnesota Department of Health
121 East Seventh Place
P.O. Box 64975
St. Paul, MN 55164-0975

JAN 17 1997
WENCK ASSOCIATES, INC.

MEMORANDUM

DATE: June 10, 1996

TO: Licensed and Registered Well Contractors
Local Government Officials in Effected Cities and Counties

FROM: Patricia A. Bloomgren, Director
Division of Environmental Health

PHONE: 612/215-0731

SUBJECT: Notice of Designation of Special Well Construction Area in the Vicinity of the Twin Cities Army Ammunition Plant

The Minnesota Department of Health (MDH) is designating a SPECIAL WELL CONSTRUCTION AREA which includes the cities of New Brighton, St. Anthony, and portions of Fridley, Mounds View, Arden Hills, Shoreview, Columbia Heights, Minneapolis, Falcon Heights, Lauderdale, and Roseville, as shown on the attached map. The Special Well Construction Area designation becomes effective on July 1, 1996, and will remain in effect until further notice.

Groundwater in portions of the designated area has been contaminated with volatile organic compounds (VOCs) from solvents used and disposed at the Twin Cities Army Ammunition Plant (TCAAP) in Arden Hills. There are two areas of contamination. The largest area of contamination extends several miles to the south and west of TCAAP, to depths of several hundred feet. Here, portions of the buried sand formation (Hillside Sand formation) and the Prairie du Chien dolomite and Jordan sandstone bedrock formations have been contaminated with VOCs. A second, much smaller area of VOCs contamination exists in the surficial sand and silt deposits (Fridley formation) to the north and west of TCAAP, to depths of approximately 45 feet.

The unconsolidated hydrogeologic formations to the southwest of TCAAP consist of a discontinuous layer of alluvium and lacustrine deposits (Fridley formation) over glacial till (Twin Cities formation) over the Hillside Sand formation. The combined thickness of these formations ranges from 50 to more than 300 feet. The Fridley and Twin Cities formations to the southwest of TCAAP are not contaminated by TCAAP contaminants; the Hillside Sand formation is contaminated at the TCAAP facility and to the southwest of TCAAP. The unconsolidated formations immediately southwest of TCAAP are underlain by the contaminated Prairie du Chien and Jordan formations. Farther to the south and west, the Platteville limestone, Glenwood shale, and St. Peter sandstone occur above the Prairie du Chien formation. Contamination from the TCAAP facility has not been found in the Platteville, Glenwood, or St. Peter formations.

Efforts to contain and clean up the contamination at the TCAAP facility and to the south of TCAAP have been underway for many years. For example, several wells are being used to contain and extract contaminated groundwater, which is then treated to remove the VOCs. Steps have also been taken to remove from service and permanently seal other water-supply wells which have been contaminated in excess of the MDH's Health Risk Limits (HRLs) and present a public health threat.

The MDH, the Minnesota Pollution Control Agency (MPCA), and the U.S. Army are concerned about the public health effects that could result from the use of water-supply wells in the contaminated aquifers. The MDH and MPCA are also concerned that the construction of new wells or modification of existing wells within the Special Well Construction Area may interfere with cleanup efforts, or may cause further spread of the contamination.

BOUNDARIES OF THE SPECIAL WELL CONSTRUCTION AREA

The designated Special Well Construction Area is bounded on the west by State Highway 65 and on the south by Hennepin and Larpenteur Avenues. The east boundary follows Fairview Avenue north from Larpenteur Avenue to Lake Johanna Boulevard, then north and east on Lake Johanna Boulevard to County Road E, then east on County Road E to Lexington Avenue, then north on Lexington Avenue to County Road I. The north boundary extends due west of the intersection of Lexington Avenue and County Road I to Snelling Avenue North, then north on Snelling Avenue North to Lois Drive, then west on Lois Drive to Schutta Road, then west from the intersection of Lois Drive and Schutta Road to Rice Creek, then south on Rice Creek to County Road I, then west on County Road I to State Highway 65. This area includes portions of Anoka, Hennepin, and Ramsey Counties.

Well construction, monitoring, and remedial activities within TCAAP's boundaries are subject to the conditions of the Federal Facilities Agreement, which is overseen by the MPCA and the United States Environmental Protection Agency (U.S. EPA). Therefore, the TCAAP facility itself is not included in the Designated Special Well Construction Area.

REQUIREMENTS IN THE SPECIAL WELL CONSTRUCTION AREA

1. All wells regulated by the MDH are subject to the requirements of this Special Well Construction Area. This includes potable water-supply wells, irrigation wells, commercial and industrial water-supply wells, wells for heating and cooling, remedial wells, monitoring wells, and dewatering wells.

2. Construction of a new well or modification of the depth of an existing well may not take place until after the MDH has reviewed and approved plans for the proposed construction. In addition to the required permit application or notification, the plan must include the following information: street address; well depth; casing type, diameter, and depth; method of construction, including grout materials and grout method; pumping rate; and well use.

3. If the proposed construction or reconstruction of a potable water-supply well is approved, the MDH may require that one or more water samples be collected and analyzed for VOCs before the well is grouted and put into service. If contamination is present in excess of the HRLs, the well must be permanently sealed or reconstructed. The New Brighton and St. Anthony municipal water-supply wells, which are treated to remove VOCs, are exempt from this requirement.

4. The permanent sealing of a well completed in or below the Prairie du Chien formation may not take place until after the MDH has reviewed and approved plans for the proposed sealing. In addition to the required well sealing notification, the plan must include the following information: street address; original well depth; current well depth; casing type(s), diameter(s) and depth(s); methods for identifying and sealing any open annular space; methods for identifying and removing any obstructions; and grout material and methods.

PERSONS TO CONTACT:

For additional information regarding this Special Well Construction Area, contact Ed Schneider at the MDH at 612/215-0827.

Well construction and well sealing plans should submitted to:

Patrick Sarafolean
Minnesota Department of Health
Well Management Unit
121 East Seventh Place, Suite 220
P.O. Box 64975
St. Paul, Minnesota 55164-0975

For additional information regarding plan review or water sampling, contact Patrick Sarafolean at the MDH at 612/215-0826.

Plans for well construction and well sealing in the city of Minneapolis may be submitted to:

Tom Frame
City of Minneapolis - Public Health Center
250 South Fourth Street, Room 300
Minneapolis, Minnesota 55415

Phone: 612/673-2170

For information regarding the investigation, monitoring, and remediation of the contamination associated with TCAAP, contact:

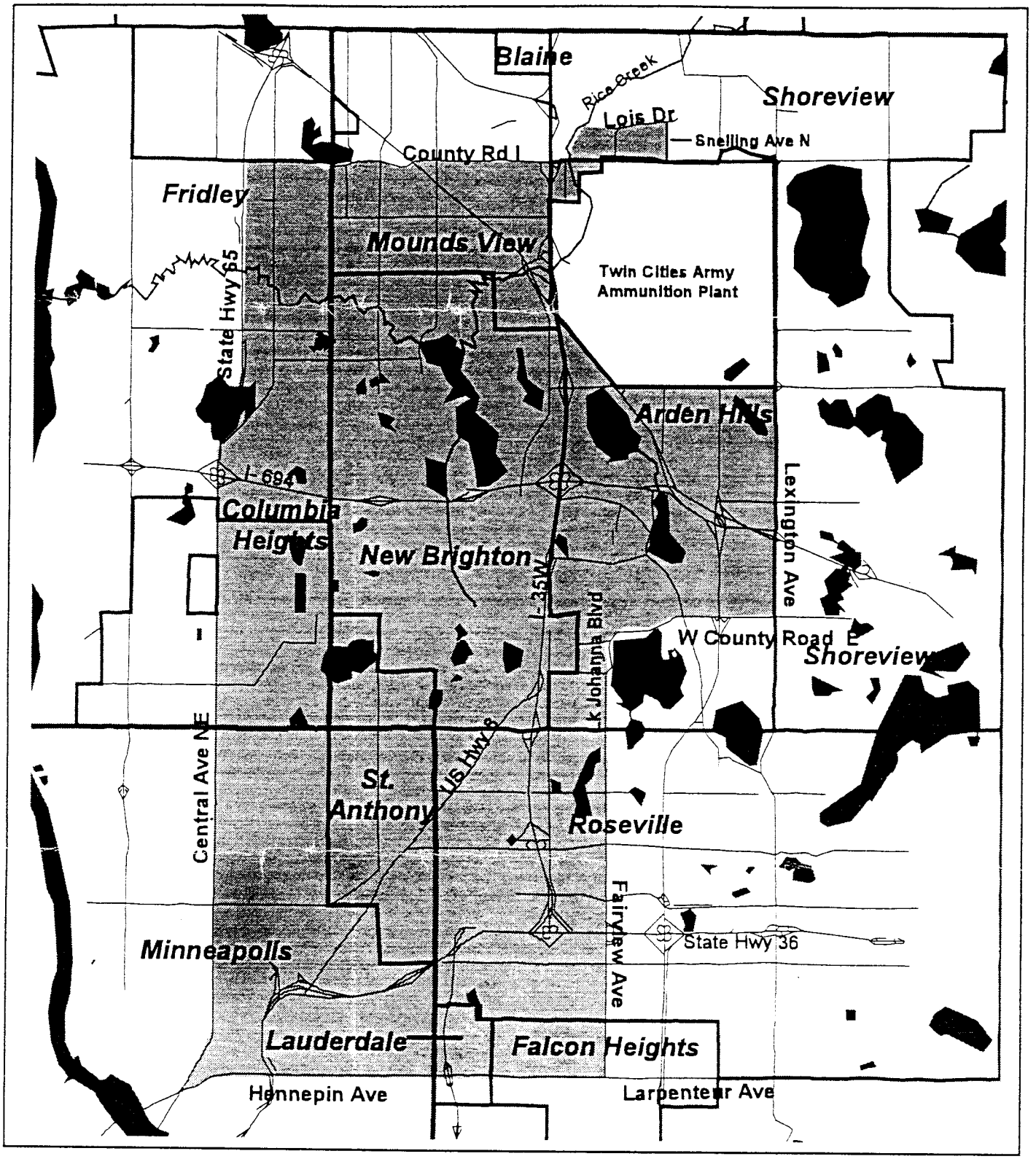
Dagmar Romano at the MPCA at 612/296-7776

Tom Barounis at the U.S. EPA, Region V, at 312/353-5577

Martin McCleery at the U. S. Army at 612/633-2301, Extension 1651

PAB:ECS:mr
Enclosure

Special Well Construction Area
Twin Cities Army Ammunition Plant



Special Well
Construction Area

N

Minnesota Department of Health
Geographic Information System

June 1, 1996
tcaap.apr

APPENDIX B

Appendix B

FY 1996 Annual Monitoring Plan

Notes: Shading indicates that the water level or quality measurement was not collected. Documentation for the missing data is provided in Appendix A.2. Parentheses following shaded areas indicate the Quarter when the data was collected.

(1) "X" denotes a water level measurement during the month indicated in the heading (OND 96 = October, November, December 1996).

(2) The numbers represent analytical parameter categories. The individual parameters within each category are outlined in Appendix E.

(3) Only Total Phosphates from Category 4 will be analyzed.

(4) Monitoring for Category 1 to be conducted once every other year, with the next sampling event scheduled for FY 1998.

(5) Water level will be measured if the wellhead is accessible.

(6) Sample for Category 1 if in production at time of sample collection.

(7) Analytes will include those included in Category 1 with the addition of cis-1,2-dichloroethene and trans-1,2-dichloroethene and the omission of tetrachloroethene; 1,1,2-trichlorotrifluoroethane; and 1,2-dichloropropane.

(8) Proposed well.

(A) Indicates that the data is the responsibility of Alliant Techsystems Inc., the tenant and responsible party.

(P) Designates a piezometer.

No notation next to the point indicates that the data is the responsibility of the U.S. Army.

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
Operable Unit 1												
	01L	01L811		---	---	---	---	---	---	---	---	
	01L	01L813		---	---	---	---	---	---	---	---	
	01L	01L816		---	---	---	---	---	---	---	---	
		01L821		---	---	---	---	---	---	---	---	
	01L	01L822		---	---	---	---	---	---	---	---	
	01L	01L823		---	---	---	---	---	---	---	---	
	01U	01U062		---	---	---	---	---	---	---	---	
	01U	01U803		---	---	---	---	---	---	---	---	
	01U	01U803		---	---	---	---	---	---	---	---	
	01U	01U805		---	---	---	---	---	---	---	---	
	01U	01U806		---	---	---	---	---	---	---	---	
	01U	01U807		---	---	---	---	---	---	---	---	
	01U	01U807		---	---	---	---	---	---	---	---	
	01U	01U813		---	---	---	---	---	---	---	---	
	03L	03L811		---	---	--X	--X	---	---	1	---	(8)
	03L	03L813		---	---	---	---	---	---	---	---	
	03L	03L822		---	---	--X	--X	---	---	1	---	(8)
	03L	03L853		---	---	--X	--X	---	---	1	---	(8)
	03L	03L856		---	---	--X	--X	---	---	1	---	(8)
	03L	03L858		---	---	---	---	---	---	---	---	
	03L	234425	Gerebi	Denied Access				Denied Access				
	03L	409556	PCA4L3	---	---	--X	--X	---	---	1	---	(8)
	03L	409597	BS118L3	---	---	---	---	---	---	---	---	
	03M	03M843		---	---	---	---	---	---	---	---	
	03U	03U805		---	---	--X(A)	--X(A)	---	---	1(A)	---	
	03U	03U806		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
	03U	03U811		---	---	--X	--X	---	---	1	---	(8)
	03U	03U815		---	---	--X	--X	---	---	1	---	(8)

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
	03U	03U821		---	---	--X	--X	---	---	1	---	(8)
	03U	03U822		---	---	---	---	---	---	---	---	
	03U	03U824		---	---	--X	--X	---	---	1	---	(8)
	03U	03U831		---	---	--X	--X	---	---	1	---	(8)
	03U	234352	1206 12th Av. NW	---	---	--X	--X	---	---	1	---	(8)
	03U	409596	BS118U3	---	---	---	---	---	---	---	---	
	J	04J834		---	---	--X	--X	---	---	1	1	(8)
	J	04J835		---	---	---	---	---	---	---	---	
	J	04J882		---	---	--X	--X	---	---	1	1	(8)
	J	200076	Old Dutch	---	---	---	---	---	---	---	---	(6)
	J	200524	St. Anthony #5	---	---	--X	--X	---	---	1	---	(8)
	J	200803	St. Anthony #4	---	---	--X	--X	---	---	1	---	(8)
	J	201082	NW Hospital	---	---	---	---	---	---	---	---	
	J	206791	New Brighton #7	---	---	--X	--X	---	---	1	---	(8)
	J	206797	New Brighton #6	---	---	--X	--X	---	---	1	---	(6,8)
	J	231845	MNDOT	Not Accessible				---	---	---	---	
	J		MW-2	--X	--X	--X	--X	1	1	1	1	(8,9)
	J		MW-4	--X	--X	--X	--X	1	1	1	1	(8,9)
	J		MW-6	--X	--X	--X	--X	1	1	1	1	(8,9)
	J		MW-8	--X	--X	--X	--X	1	1	1	1	(8,9)
	LH/PC	206787	MV High School	Not Accessible				---	---	---	---	
	MS/H	NB#10	New Brighton #10	---	---	---	---	---	---	---	---	(7)
	MS/H	NB#11	New Brighton #11	---	---	---	---	---	---	---	---	(7)
	MS/H	NB#8	New Brighton #8	---	---	---	---	---	---	---	---	(7)
	MS/H	NB#9	New Brighton #9	---	---	---	---	---	---	---	---	(7)
	PC	04U821		---	---	---	---	---	---	---	---	
	PC	04U834		---	---	--X	--X	---	---	1	1	(8)
	PC	04U843		---	---	--X	--X	---	---	1	---	(8)
	PC	04U847		---	---	---	---	---	---	---	---	
	PC	04U849		---	---	---	---	---	---	---	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
	PC	04U850		--X	--X	--X	--X	---	---	---	---	
	PC	04U855		---	---	--X	--X	---	---	1	---	(8)
	PC	04U871		--X	--X	--X	--X	---	---	1	1	(8)
	PC	04U872		---	---	--X	--X	---	---	1	1	(8)
	PC	04U875		--X	--X	--X	--X	---	---	1	1	(8)
	PC	04U879		--X	--X	--X	--X	---	---	1	---	(8)
	PC	04U880		---	---	--X	--X	---	---	1	1	(8)
	PC	04U881		---	---	--X	--X	---	---	1	1	(8)
	PC	04U882		---	---	--X	--X	---	---	1	1	(8)
	PC	04U883		---	---	---	---	---	---	---	---	
	PC	200154	UM Golf Course	---	---	--X	--X	---	---	1	---	(8)
	PC	206688	Cloverpond	---	---	--X	--X	---	---	1 done in July	---	(8)
	PC	233533	Roselawn Cem.	---	---	---	---	---	---	---	---	
	PC	234319	Hide & Tallow #1	---	---	---	---	---	---	---	---	
	PC	234547	Hnywell Ridgway	---	---	--X	--X	---	---	1	---	(8)
	PC	409549	PCA3U4	--X	--X	--X	--X	---	---	1	---	(8)
	PC	409555	PCA5U4	--X	--X	--X	--X	---	---	1	---	(8)
	PC	512761	Gross Golf Course #2	---	---	--X	--X	---	---	1	---	(6,8)
	PC		MW-1	--X	--X	--X	--X	1	1	1	1	(8,9)
	PC		MW-3	--X	--X	--X	--X	1	1	1	1	(8,9)
	PC		MW-5	--X	--X	--X	--X	1	1	1	1	(8,9)
	PC		MW-7	--X	--X	--X	--X	1	1	1	1	(8,9)
	PC/J	200148	Paper Calmenson	Pump Decommissioned - No Access				Pump Decommissioned - No Access				
	PC/J	200804	St. Anthony #3	---	---	--X	--X	---	---	1	---	(8)
	PC/J	200812	Gross Golf	---	---	--X	--X	---	---	1	---	(8)
	PC/J	206793	New Brighton #3	--X	--X	--X	--X	---	---	---	---	
	PC/J	235539	Old Hotel	---	---	--X	--X	---	---	1	---	(8)
	PC/J	PJ#318		---	---	--X	--X	---	---	1 done in July	1	(8)
	PC/J/SL	233221	Reuben Meats	Not Accessible				---	---	---	---	
	SP	200814	Amer. Linen	---	---	---		---	---	---	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
	SP/PC/J	233222	Lowry Gr. Trail.	Well Abandoned								
	UNK	134318	Seutter	---	---	---	---	---	---	---	---	
	UNK	191942	Model Stone	---	---	---	---	---	---	---	---	
	UNK	200264		---	---	---	---	---	---	---	---	
	UNK	234335	Mengelkoch #1	---	---	---	---	---	---	---	---	
	UNK	234337	Mengelkoch #3	---	---	---	---	---	---	---	---	
	UNK	234353	Lentsch Ice	---	---	---	---	---	---	---	---	
	03L	234356	Nordquist P43	---	---	--X	--X	---	---	1	---	(8)
	UNK	234357	Phillips Pet.	---	---	---	---	---	---	---	---	
	UNK	234430	Cmiel	---	---	---	---	---	---	---	---	
	UNK	234463	Solie	---	---	---	---	---	---	---	---	
	UNK	234546	Hnywell Ridgway	---	---	--X	--X	---	---	1	---	(8)
	PC/J	234549		---	---	--X	--X	---	---	1	---	(8)
	UNK	405651	Metal-Matic	Not Accessible				---	---	---	---	
	UNK	BOYLE		---	---	---	---	---	---	---	---	
	UNK	NB#12	New Brighton #12	---	---	---	---	---	---	---	---	(7)
	UNK	NB#4	New Brighton #4	--X	--X	--X	--X	---	---	---	---	(7)
	UNK	NB#5	New Brighton #5	---	---	--X	--X	---	---	1	---	(7,8)

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
Operable Unit 2												
A	01U	01U038		---	---	--X	--X	---	---	---	---	
A	01U	01U039		---	---	--X	--X	---	---	1	---	
A	01U	01U040		---	---	--X	--X	---	---	---	---	
A	01U	01U041		---	---	--X	--X	---	---	---	---	
A	01U	01U063		---	---	--X	--X	---	---	---	---	
A	01U	01U067		---	---	--X	--X	---	---	---	---	
A	01U	01U102		--X	--X	--X	--X	1	1	1,7	1	
A	01U	01U103		---	---	--X	--X	---	---	1	---	
A	01U	01U104		---	---	--X	--X	---	---	---	---	
A	01U	01U105		---	---	--X	--X	---	---	---	---	
A	01U	01U106		---	---	--X	--X	---	---	1	---	
A	01U	01U107		---	---	--X	--X	---	---	---	---	
A	01U	01U108		---	---	--X	--X	---	---	1	1	
A	01U	01U109		---	---	--X	--X	---	---	1	---	
A	01U	01U110		---	---	--X	--X	---	---	1	---	
A	01U	01U115		-X-	X--	-XX	X-X	---	---	1,7	1	
A	01U	01U116		-X-	X--	-XX	X-X	---	---	1	1	
A	01U	01U117		--X	--X	--X	--X	---	1	1,7	1	
A	01U	01U118		---	---	--X	--X	---	---	1	---	
A	01U	01U119		---	---	--X	--X	---	---	1	---	
A	01U	01U120		---	---	--X	--X	---	---	1	---	
A	01U	01U125		-X-	X--	-XX	X-X	---	---	1	1	
A	01U	01U126		---	---	--X	--X	---	---	1	---	
A	01U	01U127		---	---	--X	--X	---	---	1	---	
A	01U	01U133		---	---	--X	--X	---	---	---	---	
A	01U	01U135		---	---	--X	--X	---	---	1	---	
A	01U	01U136		---	---	--X	--X	---	---	---	---	
A	01U	01U137		---	---	--X	--X	---	---	1	---	
A	01U	01U138		-X-	X--	-XX	X-X	---	---	1	1	
A	01U	01U139		-X-	X--	-XX	X-X	---	1	1	1	
A	01U	01U140		-X-	X--	-XX	X-X	---	---	1	1	
A	01U	01U141		---	---	--X	--X	---	---	1	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
A	01U	01U142		---	---	---	---	---	---	---	---	P
A	01U	01U143		---	---	---	---	---	---	---	---	P
A	01U	01U144		---	---	---	---	---	---	---	---	P
A	01U	01U145		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U146		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U147		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U148		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U149		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U150		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U151		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U152		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U153		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U154		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U155		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U156		X X X	X X X	X X X	X X X	---	---	---	---	P
A	01U	01U157		-X-	X--	-XX	X-X	1	1	1	1	
A	01U	01U158		-X-	X--	-XX	X-X	1	1	1	1	
A	01U	01U350		---	---	---	---	---	---	1,7	1	
A	01U	01U351		X X X	X X X	X X X	X X X	1,2,3,9	1,2,3,9	1,2,3,7,9	1,2,3,9	
A	01U	01U352		X X X	X X X	X X X	X X X	1,2,3,9	1,2,3,9	1,2,3,7,9	1,2,3,9	
A	01U	01U353		X X X	X X X	X X X	X X X	1,2,3,9	1,2,3,9	1,2,3,7,9	1,2,3,9	
A	01U	01U354		X X X	X X X	X X X	X X X	1,2,3,9	1,2,3,9	1,2,3,7,9	1,2,3,9	
A	01U	01U355		X X X	X X X	X X X	X X X	1,2,3,9	1,2,3,9	1,2,3,7,9	1,2,3,9	
A	01U	01U356		X X X	X X X	X X X	X X X	1,2,3,9	1,2,3,9	1,2,3,7,9	1,2,3,9	
A	01U	01U357		X X X	X X X	X X X	X X X	1,2,3,9	1,2,3,9	1,2,3,7,9	1,2,3,9	
A	01U	01U358		X X X	X X X	X X X	X X X	1,2,3,9	1,2,3,9	1,2,3,7,9	1,2,3,9	
A	01U	01U901		X X X	X X X	X X X	X X X	1	1	1,7	1	
A	01U	01U902		X X X	X X X	X X X	X X X	1	1	1,7	1	
A	01U	01U903		X X X	X X X	X X X	X X X	1	1	1,7	1,7	
A	01U	01U904		X X X	X X X	X X X	X X X	1	1	1,7	1,7	
A	03U	03U023		---	---	--X(A)	---X(A)	---	---	1	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
B	01U	01U011		---	---	--X	--X	---	---	---	---	
B	01U	01U022		---	---	--X	---	---	---	---	---	
B	01U	01U033		---	---	--X	---	---	---	---	---	
B	01U	01U034		---	---	--X	---	---	---	---	---	
B	01U	01U035		---	---	--X	---	---	---	---	---	
B	01U	01U036		---	---	--X	---	---	---	1	---	
B	01U	01U037		---	---	--X	---	---	---	---	---	
B	01U	01U100		---	---	--X	---	---	---	---	---	
B	01U	01U101		---	---	--X	---	---	---	---	---	
B	01U	01U122		---	---	--X	---	---	---	---	---	
B	03U	03U011		---	---	--X(A)	--X(A)	---	---	---	---	
B	03U	03U022		---	---	--X(A)	--X(A)	---	---	---	---	
B	03U	03U082		---	---	--X(A)	--X(A)	---	---	1	---	(4)
C	01U	01U043		---	---	--X	---	---	---	---	---	
C	01U	01U045		---	---	--X	---	---	---	4	---	(3)
C	01U	01U046		---	---	--X	---	---	---	---	---	
C	01U	01U085		---	---	--X	---	---	---	1	---	
C	03U	03U024		---	---	--X(A)	--X(A)	---	---	---	---	
C	03U	03U025		---	---	--X(A)	--X(A)	---	---	---	---	
C	03U	03U083		---	---	--X(A)	--X(A)	---	---	1,7	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
D	03L	03L017		---	---	--X(A)	--X(A)	---	---	1(A)	---	
D	03L	03L018		---	---	--X(A)	--X(A)	---	---	1(A)	---	
D	03M	03M017		---	---	--X(A)	--X(A)	---	---	1(A)	---	
D	03U	03U017		---	---	--X(A)	--X(A)	---	---	1(A)	---	
D	03U	03U018		---	---	--X(A)	--X(A)	---	---	1(A)	---	
D	03U	03U093		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
D	03U	03U096		---	---	--X(A)	--X(A)	---	---	1(A)	---	
D	03U	03U316		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
D	03U	03U317		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
D	03U	03U716		---	---	--X(A)	--X(A)	---	---	---	---	
E	03U	03U015		---	---	--X(A)	--X(A)	---	---	1	---	
E	03U	03U088		---	---	--X(A)	--X(A)	---	---	---	---	
E	03U	03U089		---	---	--X(A)	--X(A)	---	---	1	---	
E	03U	519288	E101-MW	---	---	--X	--X	---	---	1	---	
E	03U	519289	E102-MW	---	---	--X	--X	---	---	1	---	
E	03U	519290	E103-MW	---	---	--X	--X	---	---	1	---	
F	03L	03L113		---	---	--X(A)	--X(A)	---	---	1	---	
F	03U	03U019		---	---	--X(A)	--X(A)	---	---	1	---	
F	03U	03U026		---	---	--X	---	---	---	1	---	
F	03U	03U092		---	---	--X(A)	--X(A)	---	---	1	---	
F	03U	03U112		---	---	--X(A)	--X(A)	---	---	1,4	---	
F	03U	03U113		---	---	--X(A)	--X(A)	---	---	1	---	
F	03U	03U114		---	---	--X	--X	---	---	1	---	
F	03U	03U121		---	---	--X	---	---	---	1,4	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
G	03L	03L014		---	---	--X(A)	--X(A)	---	---	---	---	
G	03L	03L020		---	---	--X(A)	--X(A)	---	---	1(A)	---	
G	03M	03M020		---	---	--X(A)	--X(A)	---	---	1(A)	---	
G	03U	03U014		---	---	--X(A)	--X(A)	---	---	1(A)	---	
G	03U	03U020		---	---	--X(A)	--X(A)	---	---	1(A)	---	
G	03U	03U094		---	---	--X(A)	--X(A)	---	---	1(A)	---	
G	03U	03U314		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
G	03U	03U315		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
G	03U	03U715		---	---	--X(A)	--X(A)	---	---	---	---	
G	04U	04U020		---	---	--X(A)	--X(A)	---	---	1(A)	---	
G	04U	PJ#074		---	---	---	---	---	---	---	---	
H	01U	01U060		---	---	--X	---	---	---	---	---	
H	01U	01U098		---	---	--X	---	---	---	1	---	
H	03U	03U099		---	---	--X	---	---	---	1	---	
I	01U	01U004		---	---	--X	--X	---	---	---	---	
I	01U	01U054		---	---	---	---	---	---	---	---	
I	01U	01U064		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	01U	01U132		---	---	---	---	---	---	---	---	
I	01U	01U631		---	---	---	---	---	---	---	---	
I	01U	01U632		---	---	---	---	---	---	---	---	
I	01U	01U634		---	---	---	---	---	---	---	---	
I	01U	01U635		---	---	---	---	---	---	---	---	
I	01U	01U636		---	---	--X(A)	--X(A)	---	---	1,5(A)	---	
I	01U	01U638		---	---	---	---	---	---	---	---	
I	01U	01U639		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	01U	01U640		---	---	--X(A)	--X(A)	---	---	1,5(A)	---	
I	01U	01U642		---	---	---	---	---	---	---	---	
I	01U	01U652		---	---	---	---	---	---	---	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
I	01U	01U666		---	---	---	---	---	---	---	---	
I	01U	01U667		---	---	---	---	---	---	---	---	
I	01U	01U668		---	---	---	---	---	---	---	---	
I	01U	01U675		---	---	---	---	---	---	---	---	
I	01U	482086	I01MW	---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	01U	482087	I05MW	---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	01U	482088	I02MW	---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	01U	482089	I04MW	---	---	--X(A)	--X(A)	---	---	---	---	
I	01U	482090	I03MW	---	---	--X(A)	--X(A)	---	---	---	---	
I	03F	03F312		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
I	03L	03L004		---	---	--X(A)	--X(A)	---	---	---	---	
I	03L	03L027		---	---	--X(A)	--X(A)	---	---	---	---	
I	03L	03L028		---	---	--X(A)	--X(A)	---	---	---	---	
I	03L	03L029		---	---	--X(A)	--X(A)	---	---	---	---	
I	03L	03L080		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	03M	03M004		---	---	--X(A)	--X(A)	---	---	---	---	
I	03U	03U004		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	03U	03U027		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	03U	03U028		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	03U	03U029		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	03U	03U030		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	03U	03U301		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
I	03U	03U647		---	---	--X(A)	--X(A)	---	---	---	---	
I	03U	03U648		---	---	--X(A)	--X(A)	---	---	---	---	
I	03U	03U658		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	03U	03U659		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	03U	03U674		---	---	--X(A)	--X(A)	---	---	---	---	
I	03U	03U675		---	---	---	---	---	---	---	---	
I	03U	03U676		---	---	---	---	---	---	---	---	
I	03U	OW543U3		---	---	--X(A)	--X(A)	---	---	---	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
I	04U	04U027		---	---	--X(A)	--X(A)	---	---	1(A)	---	
I	PJ#	PJ#027		---	---	--X(A)	--X(A)	---	---	---	---	
J	01U	01U003		---	---	--X	--X	---	---	---	---	
J	01U	01U050		---	---	--X	---	---	---	---	---	
J	01U	01U051		---	---	--X	---	---	---	---	---	
J	01U	01U053		---	---	--X	---	---	---	---	---	
J	01U	01U054		---	---	--X	---	---	---	---	---	
J	01U	01U062		---	---	--X	---	---	---	---	---	
J	01U	01U524		---	---	--X	---	---	---	---	---	
J	01U	01U525		---	---	--X	---	---	---	---	---	
J	01U	01U526		---	---	--X	---	---	---	---	---	
J	01U	01U527		---	---	--X	---	---	---	---	---	
K	01U	01U047		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U048		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U052		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U065		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U128		---	---	--X(A)	--X(A)	---	---	1(A)	---	
K	01U	01U601		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U602		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U603		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U604		---	---	--X(A)	--X(A)	---	---	1(A)	---	
K	01U	01U605		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U607		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U608		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U609		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U611		---	---	--X(A)	--X(A)	---	---	1(A)	---	
K	01U	01U612		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U613		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U615		---	---	--X(A)	--X(A)	---	---	1(A)	---	
K	01U	01U616		---	---	--X(A)	--X(A)	---	---	---	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
K	01U	01U617		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
K	01U	01U618		---	---	--X(A)	--X(A)	---	---	1(A)	---	
K	01U	01U619		---	---	--X(A)	--X(A)	---	---	1(A)	---	
K	01U	01U620		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U621		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
K	01U	01U622		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U623		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U624		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U625		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U626		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U627		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	01U628		---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	482083	K04-MW	---	---	--X(A)	--X(A)	---	---	1(A)	---	
K	01U	482084	K02-MW	---	---	--X(A)	--X(A)	---	---	---	---	
K	01U	482085	K01-MW	---	---	--X(A)	--X(A)	---	---	---	---	
K	03L	03L013		---	---	--X(A)	--X(A)	---	---	---	---	
K	03M	03M013		---	---	--X(A)	--X(A)	---	---	---	---	
K	03U	03U013		---	---	--X(A)	--X(A)	---	---	---	---	
K	03U	03U075		---	---	--X(A)	--X(A)	---	---	1(A)	---	
K	03U	03U076		---	---	--X(A)	--X(A)	---	---	---	---	
129-15	03L	03L091		---	---	--X	---	---	---	1	---	
129-15	03U	03U016		---	---	--X(A)	--X(A)	---	---	1	---	
129-15	03U	03U032		---	---	--X(A)	--X(A)	---	---	1	---	
129-15	03U	03U090		---	---	--X(A)	--X(A)	---	---	1	---	
129-15	03U	03U124		---	---	--X	--X	---	---	1	---	
129-15	03U	519291	1291501-MW	---	---	--X	--X	---	---	1	---	
129-3	03U	03U087		---	---	--X(A)	--X(A)	---	---	1,4	---	
129-3	03U	03U521		---	---	--X	---	---	---	---	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
129-5	01U	01U072		---	---	--X	---	---	---	---	---	
129-5	03U	03U097		---	---	--X	---	---	---	1	---	
129-5	03U	03U111		---	---	--X(A)	--X(A)	---	---	---	---	
129-5	03U	03U129		---	---	--X	---	---	---	---	---	
GP	03U	03U704		---	---	--X(A)	--X(A)	---	---	1(A)	---	
GP	03U	03U705		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
GP	03U	03U706		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
GP	03U	03U707		---	---	--X(A)	--X(A)	---	---	1(A)	---	
GP	SG	Staff Gauge 1		---	---	--X(A)	--X(A)	---	---	---	---	
GP	SG	Staff Gauge 2		---	---	--X(A)	--X(A)	---	---	---	---	
GP	SG	Staff Gauge 3		---	---	--X(A)	--X(A)	---	---	---	---	
BRV	03L	03L005		---	---	--X(A)	--X(A)	---	---	1	---	
BRV	03L	03L081		---	---	--X(A)	--X(A)	---	---	1	---	
BRV	03L	03L137		---	---	--X	--X	---	---	---	---	
BRV	03L	03L138		---	---	--X	--X	---	---	1	---	
BRV	03M	03M005		---	---	--X(A)	--X(A)	---	---	1	---	
BRV	03U	03U005		---	---	--X(A)	--X(A)	---	---	1	---	
MISC	01U	01U012		---	---	--X	--X	---	---	---	---	
MISC	01U	01U044		---	---	--X	---	---	---	---	---	
MISC	01U	01U130		---	---	--X	---	---	---	---	---	
MISC	01U	01U131		---	---	---	---	---	---	---	---	
MISC	03L	03L007		---	---	--X(A)	--X(A)	---	---	1	---	(4)
MISC	03L	03L010		---	---	--X(A)	--X(A)	---	---	---	---	
MISC	03L	03L012		---	---	--X(A)	--X(A)	---	---	---	---	
MISC	03L	03L086		---	---	--X	---	---	---	---	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
MISC	03M	03M007		---	---	--X(A)	--X(A)	---	---	---	---	
MISC	03M	03M010		---	---	--X(A)	--X(A)	---	---	---	---	
MISC	03M	03M012		---	---	--X(A)	--X(A)	---	---	---	---	
MISC	03U	03U006		---	---	--X(A)	--X(A)	---	---	---	---	
MISC	03U	03U007		---	---	--X(A)	--X(A)	---	---	1	---	(4)
MISC	03U	03U008		---	---	--X(A)	--X(A)	---	---	---	---	
MISC	03U	03U009		---	---	--X(A)	--X(A)	---	---	1	---	(4)
MISC	03U	03U010		---	---	--X(A)	--X(A)	---	---	---	---	
MISC	03U	03U012		---	---	--X(A)	--X(A)	---	---	---	---	
MISC	03U	03U031		---	---	--X(A)	--X(A)	---	---	1(A)	---	
MISC	04U	04U007		---	---	--X(A)	--X(A)	---	---	1	---	(4)
MISC	04U	04U012		---	---	--X(A)	--X(A)	---	---	---	---	
MISC	04U	04U510		---	---	--X(A)	--X(A)	---	---	1	---	(4)
MISC	PJ#	PJ#501		---	---	---	---	---	---	---	---	
MISC	PJ#	PJ#502		---	---	---	---	---	---	---	---	
MISC	PJ#	PJ#503		---	---	---	---	---	---	---	---	
OP	03L	03L809		---	---	--X(A)	--X(A)	---	---	1	---	
SWB	03F	03F302		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03F	03F303		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03F	03F304		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03F	03F305		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03F	03F306		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03F	03F307		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03F	03F308		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03F	03F312		Duplicate - See Site I								
SWB	03L	03L001		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03L	03L002		---	---	--X(A)	--X(A)	---	---	1(A)	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
SWB	03L	03L003		---	---	--X(A)	--X(A)	---	---	---	---	
SWB	03L	03L021		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03L	03L077		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03L	03L078		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03L	03L079		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03L	03L084		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03L	03L802		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03L	03L806		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	(8)
SWB	03L	03L833		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03M	03M001		---	---	--X(A)	--X(A)	---	---	---	---	
SWB	03M	03M002		---	---	--X(A)	--X(A)	---	---	---	---	
SWB	03M	03M003		---	---	--X(A)	--X(A)	---	---	---	---	
SWB	03M	03M713		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03M	03M802		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03M	03M806		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U001		---	---	--X(A)	--X(A)	---	---	---	---	
SWB	03U	03U002		---	---	--X(A)	--X(A)	---	---	---	---	
SWB	03U	03U003		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03U	03U021		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U077		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U078		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U079		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U084		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U671		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U672		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03U	03U701		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U702		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U703		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U708		---	---	--X(A)	--X(A)	---	---	1(A)	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
SWB	03U	03U709		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U710		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U711		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	03U	03U801		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	03U803		---	---	--X(A)	--X(A)	---	---	1	---	
SWB	03U	03U804		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	03U	409550	PCA 6U3	---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	(8)
SWB	04J	04J077		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04J	04J702		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04J	04J708		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04J	04J713		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04J	04J714		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	04U	04U001		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	04U	04U002		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04U	04U003		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	04U	04U077		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04U	04U701		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04U	04U702		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04U	04U708		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04U	04U709		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04U	04U711		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	04U	04U713		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04U	04U714		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	04U	04U802		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	04U	04U806		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	04U	04U833		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
SWB	PJ#	PJ#003		---	---	--X(A)	--X(A)	---	---	1(A)	---	
SWB	PJ#	PJ#309		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	PJ#	PJ#310		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	PJ#	PJ#311		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	PJ#	PJ#313		---	---	--X(A)	--X(A)	---	---	1(A)	1(A)	
SWB	PJ#	PJ#802		---	---	--X(A)	--X(A)	---	---	---	---	
SWB	PJ#	PJ#806		---	---	--X(A)	--X(A)	---	---	1(A)	---	

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
Operable Unit 3												
	03L	03L673		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	03L	03L832		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5,8)
	03L	03L841		--X(A)	---	--X(A)	---	---	---	1	---	(5,8)
	03L	03L846		--X(A)	---	--X(A)	---	---	---	1	---	(8)
	03L	03L848		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	03L	03L854		--X(A)	---	--X(A)	---	---	---	1	---	(5)
	03L	03L859		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	03L	03L860		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5,8)
	03L	03L861		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	03L	409546	PCA2L3	--X(A)	---	--X(A)	---	---	---	1	---	(5,8)
	03L	409557	PCA1L3	--X(A)	---	--X(A)	---	---	---	1(A)	---	(5,8)
	03L	MW15H	MW15H	--X(A)	---	--X(A)	---	---	---	1(A)	1(A)	(5)
	03M	03M848		--X(A)	---	--X(A)	---	---	---	1	---	(5)
	03U	03U673		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	03U	03U832		--X(A)	---	--X(A)	---	---	---	1	---	(5)
	04U	04U673		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	J	04J864	324 J	--X(A)	---	--X(A)	---	---	---	1(A)	1(A)	
	J	04J866	326 J	--X(A)	---	--X(A)	---	---	---	1(A)	1(A)	
	PC	04U832		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	PC	04U841		--X(A)	---	--X(A)	---	---	---	1	---	(5,8)
	PC	04U844		--X(A)	---	--X(A)	---	---	---	1	---	(5,8)
	PC	04U845		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	PC	04U846		--X(A)	---	--X(A)	---	---	---	1	---	(5,8)
	PC	04U848		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	PC	04U851		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	PC	04U852		--X(A)	---	--X(A)	---	---	---	1	---	(5,8)
	PC	04U854		--X(A)	---	--X(A)	---	---	---	1(A)	---	

FY 96 Annual Monitoring Plan - Revised

Well Information				Groundwater Level Monitoring Plan (1)				Groundwater Quality Monitoring Plan (2)				
Site	Unit	Well I.D.	Common Name	Q49 OND 95	Q50 JFM 96	Q51 AMJ 96	Q52 JAS 96	Q49 Dec 95	Q50 Mar 96	Q51 Jun 96	Q52 Sep 96	Notes
	PC	04U859		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	PC	04U860		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	PC	04U861		--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	PC	04U863	323U4	--X(A)	---	--X(A)	---	---	---	1(A)	1(A)	(5)
	PC	04U864	324U4	--X(A)	---	--X(A)	---	---	---	1(A)	1(A)	(5)
	PC	04U865	325U4	--X(A)	---	--X(A)	---	---	---	1(A)	1(A)	(5)
	PC	04U866	326U4	--X(A)	---	--X(A)	---	---	---	1(A)	1(A)	(5)
	PC	04U877		--X(A)	---	--X(A)	---	---	---	1	---	(5)
	PC	409547	PCA1U4	--X(A)	---	--X(A)	---	---	---	1(A)	---	(5)
	PC	409548	PCA2U4	--X(A)	---	--X(A)	---	---	---	1(A)	---	(5,8)
	PC	500691	414U4	--X(A)	---	--X(A)	---	---	---	1(A)	1(A)	(5)
	PC/J	520931	NBM #13	--X(A)	---	--X(A)	---	1(A)	1(A)	1(A)	1(A)	

APPENDIX C

Appendix C

TCAAP Well Index

Notes:

Well type abbreviated as follows:

UN	=	Unknown
MUNI	=	Municipal
MON	=	Monitoring
DOM	=	Domestic
IND	=	Industrial
P.S.	=	Public Supply
COM	=	Commercial
IRR	=	Irrigation
ABAND	=	Abandoned
PIEZ.	=	Piezometer
REM	=	Remedial

C.1 Sorted by Minnesota Unique Number

TCAAP WELL INDEX
SORTED BY UNIQUE NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
107405		ROEBKE	OFF	UN				
110485		NEW BRIGHTON #12	OFF	MUNI				P-21
114410	03U521		OFF	MON			F-7	
122210		ST. PAUL PORT AUTH. #3	OFF	IND				
127537		MIDWEST ASPHALT	OFF	DOM				
134318		LORENZ W SEUTTER	OFF	DOM				
139035		WATERGATE MARINA	OFF	P.S.				
151568		ARDEN MANOR MOBILE HOME	OFF	P.S.				
161432		NEW BRIGHTON #10	OFF	MUN				V-24
191942		118PDC/MODEL STONE	OFF	MON				R-24
194701	01U620	OW120U1	ON	MON			F-3	
194702	01U621	PW121U1	ON	MON			F-3	
194703	01U622	OW122U1	ON	MON			F-3	
194704	01U623	OW123U1	ON	MON			F-3	
194716	01U634	OW504U1	ON	MON			J-5	
194717	01U638	OW508U1		MON				
194718	01U639	OW509U1	ON	MON			K-6	
194719	01U640	OW510U1	ON	MON			K-6	
194720	01U631	OW501U1	ON	MON				
194721	01U632	OW502U1		MON				
194722	01U635	OW505U1	ON	MON				
194723	01U636	OW506U1	ON	MON.			K-5	
194724	01U642	OW512U1	ON	MON			K-7	
194725	01U612	OW112U1	ON	MON		194758	E-3	
194726	01U613		ON	MON		194759	E-3	
194727	01U615	OW115U1	ON	MON		194760	F-3	
194728	01U616	OW116U1	ON	MON		194761	F-3	
194729	01U617	OW117U1	ON	MON		194770	F-3	
194730	01U618	OW118U1	ON	MON		194771	F-3	
194772	01U619	PW119U1	ON	MON			F-3	
200070		RUAN TRANSPORT	OFF	COM	✓			
200071		PRESTRESSED CONCRETE	OFF	IND	✓			
200072		WITTE TRANSPORTATION	OFF	IND	✓			
200073		WILSON TRANSFER & STORAGE	OFF	IND				
200074		ASBESTOS PROD	OFF	IND	✓			
200075		PHILLIPS PETROLEUM	OFF	IND	✓			
200076		OLD DUTCH FOODS INC	OFF	IND				Z-23
200077		JOHN CONLIN	OFF	DOM	✓			
200078		WILLIAM CLASS	OFF	DOM				
200079		LAWRENCE SCHOENING	OFF	DOM				
200080		CARL A OSTROM & SON	OFF	DOM				
200081		A. O. LIEBIG	OFF	DOM				
200082		2196 MARION ROAD	OFF	DOM				
200148		PAPER CALMERSON	OFF	IND	✓			BB-23
200154		U OF M GOLF COURSE	OFF	IRR				CC-25
200167		KOPPERS COKE #1	OFF	IND				
200171		PLATING INC	OFF	IND				
200197		SNOW FLAKE DAIRY	OFF	COM				
200264		1620 CENTRAL	OFF	IND				
200384		METALLURGICAL INC. WELL #1	OFF	IND				
200524		ST. ANTHONY #5	OFF	MUNI				V-21
200525		PLETSCHER	OFF	UN				
200531		NAZARETH	OFF	UN				
200599		CEDAR AVE. TRIANGLE	OFF	P.S.				

TCAAP WELL INDEX
SORTED BY UNIQUE NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
200602		ATKINSON MILL CO.	OFF	IND				
200629		GENERAL MILLS	OFF	IND				
200803		ST. ANTHONY #4	OFF	P.S.				X-22
200804		ST. ANTHONY #3	OFF	MUNI				X-22
200812		GROSS GOLF COURSE #1	OFF	COM				AA-22
200814		AMERICAN LINEN	OFF	IND				CC-22
201074		GLEASSON MORTUARY	OFF	COM				
201082		NORTHWESTERN HOSPITAL	OFF	P.S.				
206669		FRIDLEY #8	OFF	MUNI				
206672		FRIDLEY #9	OFF	MUNI				
206673		FRIDLEY #6	OFF	MUNI				
206688		CLOVERPOND WELL	OFF	DOM				T-20
206689		JAMES K. O'NEIL	OFF	UN				
206693		FERNELIUS	OFF	UN				
206702		MINN E.S.	OFF	UN				
206720		MOUNDSVIEW	OFF	MUNI				
206722		M0UNDSVIEW #5	OFF	MUNI				
206724	PJ#504	TWIN CITIES ARSENAL	OFF	ABAND	✓		E-2	
206725	03L523	ARSENAL GRAVEL PIT	ON	ABAND	✓		D-8	
206750		SHORE #4	OFF	MUNI				
206753	PJ#506	TWIN CITIES ARSENAL NO. 6	ON		✓		H-5	
206754	PJ#501	TWIN CITIES ARSENAL NO. 1	ON	P.S.			F-4	
206755	PJ#507	TWIN CITIES ARSENAL NO. 7	ON	ABAND	✓		H-5	
206756	PJ#502	TWIN CITIES ARSENAL NO. 2	ON	IND			G-4	
206758	PJ#503	TWIN CITIES ARSENAL NO. 3	ON	IND			H-4	
206759	PJ#508	TWIN CITIES ARSENAL NO. 8	ON	ABAND	✓		I-6	
206760	03M509		ON	MON			J-6	
206760	PJ#509	TWIN CITIES ARSENAL NO.9	ON	DOM			J-6	
206787		MOUNDSVIEW H.S.	OFF	P.S.				S-25
206789		NEW BRIGHTON #1	OFF	MUNI	✓			
206791		NEW BRIGHTON #7	OFF	MUNI				U-23
206792		NEW BRIGHTON #4						
206793		NEW BRIGHTON #3	OFF	MUNI				S-21
206794		NEW BRIGHTON #9	OFF	MUNI				T-21
206795		NEW BRIGHTON #8	OFF	MUNI				T-21
206796		NEW BRIGHTON #5	OFF	MUNI				
206797		NEW BRIGHTON #6	OFF	MUNI				T-21
206798		NEW BRIGHTON #2	OFF	MUNI	✓			
223844		KURTH MALTING CO EAST WL	OFF	IND				
223992		BOOM ISLAND	OFF	IND				
225886		FRANKLIN STEEL SQUARE	OFF	P.S.				
225905		ST PAUL TERM. WAREHOUSE	OFF	IND				
225906		ST PAUL TERM. WAREHOUSE	OFF	IND				
231741		LABELLE	OFF	UN				
231742	04U510	GRENADE PLANT PROOF RANGES	ON	IND			C-12	
231845		MNDOT CIVIL DEFENSE TRAIN.	ON/OFF	P.S.			A-4	
231854	03L522	ARSENAL GRAVEL PIT	ON	ABAND 8/	✓		D-8	
231857	03M505			ABAND	✓		K-12	
231878		MENGELKOCH #2	OFF	UN				R-25
232067		NBR 135	OFF	UN				
232069		UHIL	OFF	UN				
233221		REUBEN MEAT	OFF	DOM				CC-20
233222		LOWRY GROVE TRAILER	OFF	ABAND	✓			Z-21
233241		KOZAH'S MARKET	OFF	UN	✓			

TCAAP WELL INDEX
SORTED BY UNIQUE NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
233520		MCGILLIS	OFF	UN				
233533		ROSELAWN CEMETARY	OFF	IRR				
233763		P. L. MORGAN	OFF	DOM				
233806		2581 NORTH CLEVELAND	OFF	DOM				
234135	03U001	S1U3	ON	MON			G-2	0-25
234136	03M001	S1M3	ON	MON			G-2	0-25
234137	03L001	S1L3	ON	MON			G-2	0-25
234138	04U001	S1U4	ON	MON			G-2	0-25
234139	03U002	S2U3	ON	MON			I-4	P-25
234140	03M002	S2M3	ON	MON			I-4	P-25
234141	03L002	S2L3	ON	MON			I-4	P-25
234142	03U003	S3U3	ON	MON			K-5	Q-26
234143	03M003	S3M3	ON	MON			K-5	Q-26
234144	03L003	S3L3	ON	MON			K-5	Q-26
234145	03U004	S4U3	ON	MON			K-7	
234146	03M004	S4M3	ON	MON			K-7	
234147	03L004	S4L3	ON	MON			K-7	
234148	03U005	S5U3	ON	MON			K-9	
234149	03U006	S6U3	ON	MON			K-11	
234150	03U007	S7U3	ON	MON			J-12	
234151	03M007	S7M3	ON	MON			J-12	
234152	03L007	S7L3	ON	MON			J-12	
234153	03U008	S8U3	ON	MON			F-12	
234154	03U009	S9U3	ON	MON			B-12	
234155	03U010	S10U3	ON	MON			A-10	
234156	03M010	S10M3	ON	MON			A-10	
234157	03L010	S10L3	ON	MON			A-10	
234158	03U011	S11U3	ON	MON			A-7	
234159	03U012	S12U3	ON	MON			B-3	
234160	03M012	S12M3	ON	MON			B-3	
234161	03L012	S12L3	ON	MON			B-3	
234162	03U013	S13U3	ON	MON			E-2	
234163	03M013	S13M3	ON	MON			E-2	
234164	03L013	S13L3	ON	MON			E-2	
234165	03U014	S14U3	ON	MON			I-7	P-27
234166	03U015	S15U3	ON	MON			F-5	
234167	03U016	S16U3	ON	MON			F-9	0-27
234168	03U017	S17U3	ON	MON			H-5	
234169	03M017	S17M3	ON	MON			H-5	
234170	03L017	S17L3	ON	MON			H-5	
234171	03U018	S18U3	ON	MON			H-6	
234172	03U019	S19U3	ON	MON			H-8	
234173	03U020	S20U3	ON	MON			I-6	P-26
234174	03M020	S20M3	ON	MON			I-6	P-26
234175	03L020	S20L3	ON	MON			I-6	P-26
234176	03U021	S21U3	ON	MON			J-4	P-26
234193	04U003	S3U4	ON	MON			K-5	Q-26
234194	04U002	S2U4	ON	MON			I-4	P-25
234195	04U007	S7U4	ON	MON			J-12	
234196	04U012	S12U4	ON	MON			B-3	
234197	04U020	S20U4	ON	MON			I-6	P-26
234198	01U004	S4U1	ON	MON			K-7	
234199	01U011	S11U1	ON	MON			A-7	
234200	01U012	S12U1	ON	MON			B-3	

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Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
234201	01U022	S22U1	ON	MON			B-6	
234202	01U033	S33U1	ON	MON			A-10	
234204	01U034	S34U1	ON	MON			A-8	
234205	01U035	S35U1	ON	TEST			A-7	
234206	01U036	S36U1	ON	MON			A-7	
234207	01U037	S37U1		MON				
234208	01U038	S38U1		MON			A-6	
234209	01U039	S39U1	ON	MON			A-4	
234210	01U040	S40U1	ON	MON			B-4	
234211	01U041	S41U1	ON	MON			B-5	
234212	01U044	S44U1	ON	MON			C-4	
234215	01U045	S45U1	ON	MON			D-4	
234216	01U046	S46U1	ON	MON			D-4	
234217	01U047	S47U1	ON	MON			E-2	
234218	01U048	S48U1		MON			E-2	
234221	01U050	S50AU1		MON			H-2	
234222	01U051	S51U1	ON	MON			H-2	
234223	01U052	S52U1	ON	MON			E-3	
234225	01U053	S53AU1	ON	MON			K-4	
234227	01U054	S54AU1		MON			K-5	
234235	01U060	S60U1	ON	MON			J-10	
234237	01U062	S62U1	ON	MON			J-3	
234239	01U063	S63U1	ON	MON			B-4	
234240	01U064	S64U1	ON	MON			J-6	
234241	01U065	S65U1	ON	MON			F-2	
234243	01U067	S67U1	ON	MON			B-6	
234250	01U072	S72AU1	ON	MON			E-9	
234301		DEWITT	OFF	UN				
234305		GLENN BEGGIN	OFF	UN				
234319		HIDE & TALLOW #1	OFF	UN				P-25
234327		BRESKE	OFF	UN				
234335		MENGELKOCH #1	OFF	UN				R-25
234337		MENGELKOCH #3	OFF	UN	✓			R-25
234350		GORDON	OFF	UN				
234351		YEMPA	OFF	UN				
234352		1206 12TH AV NW	OFF	UN				R-23
234353		LENTSCH'S ICE WK.	OFF	UN				P-25
234355		KINGDOM HALL	OFF	UN				
234356		NORDQUIST P43	OFF	UN				Q-25
234357		PHILLIPS PET P46	OFF	UN				P-25
234386		ZELL OLS.	OFF	UN				
234391		SHERER L.	OFF	UN				
234396		DEWITT	OFF	UN	✓			
234406		KLAPP	OFF	UN	✓			
234409		HIDE & TALLOW	OFF	UN				
234425		KEN GEREBI	OFF	UN	✓			P-25
234430		CMIEL	OFF	UN	✓			Q-26
234431		HARSTAD	OFF	UN				
234463		KEN SOLIE	OFF	UN				V-21
234546		HONEYWELL RIDGEWAY	OFF	UN				BB-21
234547		HONEYWELL RIDGEWAY	OFF	UN				BB-21
234549		REINER	OFF	IRR				Y-21
235539		OLD HOTEL	OFF	UN				Q-24
235557		HIDDEN FALLS PARK W.WELL	OFF	P.S.				

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235565	PJ#074	S74PJ		MON			I-6	
235619		SHRINERS HOSPITAL	OFF	P.S.				
235735		FLOUR CITY ARCHITECTURAL	OFF	COM				
235748	03L014	S14L3	ON	MON			I-7	P-27
235749	03L018	S18L3	ON	MON			H-6	
235750	03L021	S21L3	ON	MON			J-4	P-26
235751	03L027	S27L3	ON	MON			J-6	
235752	03L028	S28L3		MON			J-6	
235753	03L029	S29L3		MON		236066	K-5	P-26
236066	03U094	S94U3	ON	MON			I-7	P-27
236067	03L091	S91L3	ON	MON			G-7	
236068	03L086	S86L3	ON	MON			J-9	
236069	03U084	S84U3	ON	MON			H-3	0-25
236070	03L081	S81L3	ON	MON			I-8	
236071	03L080	S80L3	ON	MON			J-6	
236072	03U079	S79U3	ON	MON			K-5	Q-26
236073	03U078	S78U3	ON	MON			J-4	P-26
236074	03L078	S78L3	ON	MON			J-4	P-26
236075	03U077	S77U3	ON	MON			I-3	P-25
236076	03L077	S77L3	ON	MON			I-3	P-25
236077	03U076	S76U3	ON	MON			G-2	
236078	03U075	S75U3	ON	MON			F-2	
236079	03L005	S5L3	ON	MON			K-9	
236080	03L113	WF1L3	ON	MON			G-8	0-27
236122		NWR	OFF	ABAND				Q-24
236176	01U003	S3U1	ON	MON			K-5	Q-26
236177	01U043	S43AU1		MON			C-5	
236178	03U022	S22U3		MON			B-6	
236179	03U023	S23U3		MON			B-5	
236180	03U024	S24U3		MON			C-5	
236181	03U025	S25U3		MON			D-4	
236182	03U026	S26U3	ON	MON			H-7	
236183	03U027	S27U3		MON			J-6	
236184	03U028	S28U3		MON			J-6	
236185	03U029	S29U3		MON			K-5	P-26
236186	03U030	S30U3		MON			J-6	P-26
236187	03U031	S31U3		MON			F-4	
236188	03U032	S32U3		MON			G-7	
236189	01U601	OW101U1	ON	MON			F-3	
236190	01U602	OW102U1	ON	MON			F-3	
236191	01U603	OW103U1	ON	MON			E-3	
236192	01U604	OW104U1	ON	MON			E-3	
236193	01U605	OW10571	ON	MON			E-3	
236194	01U524	FA4U1	ON	PIEZ.			I-3	
236195	01U527	FV8U1	ON	PIEZ.			I-3	
236196	01U525	FW5U1	ON	PIEZ.			J-4	
236197	01U526	FV12U1	ON	PIEZ.			I-4	
236437	PJ#802	T2PJ	OFF	MON		421437	K-4	Q-26
236449	03U801	T1U3	OFF	MON			K-4	Q-26
236450	04U802	T2U4	OFF	MON			K-4	Q-26
236452	01U803	T3U1	OFF	TEST		424053	K-3	Q-25
236453	03U803	T3U3	OFF	MON		421434	K-3	Q-25
236455	03U804	T4U3	OFF	MON		421433	J-4	P-25
236457	01U805	T5U1	OFF	MON		424060	J-3	P-25

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Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
236458	03U805	T5U3	OFF	MON		421432	J-3	P-25
236460	01U806	T6U1	OFF	MON		424058	I-3	P-25
236461	03U806	T6U3	OFF	MON		421431	I-3	P-25
236462	03M806	T6M3	OFF	MON		421430	I-3	P-25
236463	03L806	T6L3	OFF	MON		421429	I-3	P-25
236464	04U806	T6U4	OFF	MON		421428	I-3	P-25
236465	PJ#806	T6PJ	OFF	MON		421427	I-3	P-25
236468	PJ#003	S3PJ	ON	MON			K-5	Q-26
236469	PJ#027	S27PJ	ON	MON			J-6	
236471	01U807	T7U1	OFF	TEST		424059		
236476	03U082	S82U3	ON	MON			B-7	
236478	03U083	S83U3	ON	MON			E-4	
236479	01U085	S85U1	ON	MON			D-4	
236480	03U087	S87U3	ON	MON			F-6	
236482	03U088	S88U3	ON	MON			F-6	
236483	03U089	S89U3	ON	MON			F-6	
236485	03U090	S90U3	ON	MON			H-7	
236487	03U092	S92U3	ON	MON			H-6	
236489	03U093	S93U3	ON	MON			H-6	
236491	03U096	S96U3	ON	MON			G-6	
236493	03U097	S97U3	ON	MON			E-9	
236494	01U098	S98U1	ON	MON			J-10	
236495	03U099	S99U3	ON	MON			K-10	
236497	01U100	S100U1	ON	MON			B-9	
236498	01U101	S101U1	ON	MON			B-8	
236499	01U102	S102U1	ON	MON			A-5	
236500	01U103	S103U1	ON	MON			A-6	
236501	01U104	S104U1	ON	MON			A-6	
236502	01U105	S105U1	ON	MON			A-6	
236503	01U106	S106U1	ON	MON			A-6	
236504	01U107	S170U1	ON	MON			B-6	
236505	01U108	S108U1	ON	MON			A-6	
236506	01U109	S109U1	ON	MON			B-6	
236507	01U110	S11OU1	ON	MON			B-6	
236508	03U111	S111U3	ON	MON			E-9	
236510	03U112	S112U3	ON	MON			H-7	0-27
242124	03U113	WF1U3	ON	MON			G-8	0-27
242125	03U114	WF2U3	ON	MON			H-7	0-27
242127	01U607	OW107U1	ON	MON			E-3	
242128	01U608	OW108U1	ON	MON			F-3	
242129	01U609	OW109U1	ON	MON			F-3	
242130	01U610	OW110U1	ON	MON				
242131	01U611	OW111U1	ON	MON			E-3	
242132	03U647		ON	MON			J-6	
242133	03U648		ON	MON			J-6	P-26
242134	01U652	OW522U1	ON	MON			J-6	
242135	01U666	OW536U1	ON	MON			K-5	
242136	01U667	OW537U1	ON	MON			J-6	
242137	01U668	OW538U1	ON	MON			J-6	
242138	04U027	S27U4		MON			J-6	
242153	01U813	H3U1	OFF	MON				P-23
242160	03L079	S79L3	ON	MON			K-5	Q-26
242162		301PB	OFF	UN				
242182	01U624A	BP185A	ON	PIEZ			F-3	

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Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
242183	01U624B	BP185B	ON	PIEZ			F-3	
242184	01U624C	BP185C	ON	PIEZ			F-3	
242185	01U624D	BP185D	ON	PIEZ			F-3	
242186	01U625A	BP285A	ON	PIEZ			F-3	
242187	01U625B	BP285B	ON	PIEZ			F-3	
242188	01U625C	BP285C	ON	PIEZ			F-3	
242189	01U625D	BP285D	ON	PIEZ			F-3	
242190	01U626A	BP385A	ON	PIEZ			F-3	
242191	01U626B	BP385B	ON	PIEZ			F-3	
242192	01U626C	BP385C	ON	PIEZ			F-3	
242193	01U626D	BP385D	ON	PIEZ			F-3	
242194	01U627A	BP485A	ON	PIEZ			F-3	
242195	01U627B	BP485B	ON	PIEZ			F-3	
242196	01U627C	BP485C	ON	PIEZ			F-3	
242197	01U627D	BP485D	ON	PIEZ			F-3	
242198	01U628A	BP585A	ON	PIEZ			F-3	
242199	01U628B	BP585B	ON	PIEZ			F-3	
242200	01U628C	BP585C	ON	PIEZ			F-3	
242201	01U628D	BP585D	ON	PIEZ			F-3	
242207		SUNSET MEMORIAL CEMETARY	OFF	UN				
249152		BOYLE	OFF	DOM				
265735		FLOUR CITY ARCH	OFF	UN				
322664		ABBOTT NW HOSP	OFF	UN				
405651		METAL-MATIC INC.	OFF	IND				
406198	04U851	311U4	OFF	MON				U-23
409546		PCA2L3	OFF	TEST				S-24
409547		PCA1U4	OFF	TEST				R-24
409548		PCA2U4	OFF	TEST				S-24
409549		PCA3U4	OFF	TEST				R-22
409550		PCA6U3	OFF	TEST				P-25
409555		PCA5U4	OFF	TEST				V-22
409556		PCA4L3	OFF	TEST				S-22
409557		PCA1L3	OFF	TEST				R-24
409595		B109U3	OFF	ABAND				R-24
409596		B118U3	OFF	MON				R-24
409597		B118L3	OFF	IND				R-24
409598		B117U3	OFF	ABAND				R-24
416051	03M848	308M3	OFF	MON				Q-25
416078	04U848	308U4	OFF	TEST				Q-25
416080	04U852	312U4	OFF	MON				V-23
416081	03L858	318L3	OFF	MON				X-22
416082	04U849	309U4	OFF	MON				R-23
416143			OFF	ABAND				
416198		311U4	OFF	MON				
416199	03L848	308L3	OFF	MON				Q-25
416200	04U850	310U4	OFF	MON				S-22
420713		HERBST LANDFILL	OFF	MON				
421425	03U659		ON	MON			J-6	P-26
421426	03U658		ON	MON			K-7	
421438	03U671	PO-1	ON	MON			J-4	P-26
421440	03U672	PD2U3	OFF	MON			K-6	Q-26
421441	03U673	PD3U3	OFF	MON			L-3	Q-25
424052	01L822	NW2L1	OFF	TEST				Q-24
424054	01L821	NW1L1	OFF	TEST				Q-24

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424055	01L811	H1L1	OFF	TEST				P-24
424056	01L816	H6L1	OFF	ABAND	✓			P-24
424057	01U808	T8U1	ON	MON			J-2	
424061	01L823	NW3L1	OFF	TEST				S-24
424062	01L813	H3L1	OFF	TEST				P-23
426808	03U811	H1U3	OFF	TEST				P-24
426809	03L811	H1L3	OFF	TEST				P-24
426810	03U821	NW1U3	OFF	TEST				Q-24
426811	04U821	NW1U4	OFF	TEST				Q-24
426812	03U822	NW2U3	OFF	TEST				Q-24
426813	03L822	NW2L3	OFF	TEST				Q-24
426814	03U824	NW4U3	OFF	TEST				R-24
426815	03L673	PD3L3	OFF	TEST			L-3	Q-25
426816	03L813	H3L3	OFF	TEST				P-23
426817	03L802	T2L3	OFF	TEST			K-4	Q-26
426818	03M802	T2M3	OFF	TEST			K-4	Q-26
426842	03F302	B1	ON	REM			K-5	Q-26
426843	03F303	B2	ON	REM			K-4	P-26
426844	03F304	B3	ON	REM			J-4	P-25
426845	03F305	B4	ON	REM			J-3	P-25
426846	03F306	B5	ON	REM			I-3	P-25
426847	03F307	B6	ON	REM			I-3	P-25
426848	03U701	701U3	ON	MON			I-3	P-25
426849	04U701	701U4	ON	MON			I-3	P-25
426850	03U702	702U3	ON	MON			I-3	P-25
426851	04U841	301U4	OFF	TEST				Q-25
426852	03M843	303M3	OFF	TEST				Q-24
426853	04U843	303U4	OFF	TEST				Q-24
426854	04U844	304U4	OFF	TEST				R-24
426855	04U845	305U4	OFF	MON				R-25
426856	04U846	306U4	OFF	MON				S-22
426857	04U847	307U4	OFF	MON				P-24
426858	03L853	313L3	OFF	MON				Q-24
426859	03L854	314L3	OFF	MON				R-25
426860	04U855	315U4	OFF	MON				Q-22
426861	03L856	316L3	OFF	MON				P-23
426862	03U815	H5U3	OFF	TEST				P-23
426863	03U831	OM1U3	OFF	TEST				R-24
426864	03U832	OM2U3	OFF	TEST				R-24
426865	03L832	OM2L3	OFF	TEST				R-24
426866	04U832	OM2U4	OFF	TEST				R-24
426867	04U673	PD3U4	OFF	TEST			L-3	Q-25
426868	03L809	T9L3	OFF	MON				P-25
426876	04U702	702U4	ON	MON			I-3	P-25
426877	04U077	ST77U4	ON	MON			I-3	P-25
426878	03U703	703U3		MON			K-4	P-26
426879	03U708	708U3	ON	MON			J-4	P-25
426880	04U708	708U4	ON	MON			J-4	P-25
426881	03U709	709U3	ON	MON			J-3	P-25
426882	04U709	709U4	ON	MON			J-3	P-25
426883	03U704	704U3	ON	MON			E-7	
426884	03U705	705U3	ON	MON			E-7	
426885	03U706	706U3	ON	MON			E-6	
426886	03U707	707U3	ON	MON			C-7	

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427410	01U120		ON	MON			A-6	
427411	01U115		ON	MON			A-5	
427412	01U116		ON	MON			A-5	
427413	01U117		ON	MON			A-5	
427414	01U118		ON	MON			B-5	
427415	01U119		ON	MON			A-6	
434031	04U711	711U4	OFF	MON			J-3	P-25
434032	03U710	71OU3	ON	MON			K-5	Q-26
434033	03U711	711U3	OFF	MON			J-3	P-25
434034	04U861	321U4	OFF	MON				R-24
434035	04U860	320U4	OFF	MON				R-25
434036	04U859	319U4	OFF	MON				Q-25
434037	03L841	301L3	OFF	MON				Q-25
434038	03L860	320L3	OFF	MON				R-25
434039	03L861	321L3	OFF	MON				R-24
434040	03L859	319L3	OFF	MON				Q-25
439701	04U854	314U4	OFF	MON				R-25
440884	03U121		ON	MON			H-7	
440885	03M005	ST-5-M3	ON	MON			K-9	
440886	03U129		ON	MON			D-9	
440887	03L084	ST84L3	ON	MON			H-3	0-25
440888	01U122		ON	MON			A-8	
440889	01U125		ON	MON			A-5	
440890	01U126		ON	MON			A-6	
440891	01U127		ON	MON			A-6	
440892	01U128		ON	MON			E-3	
440893	01U133		ON	MON			A-6	
440894	01U134		OFF	MON				
440895	01U130		ON	MON			G-2	
440896	03U124		ON	MON			G-7	
447889	04U871	401U4	OFF	MON				U-21
447890	04U882	412U4	OFF	MON				Z-22
447891	04U881	411U4	OFF	MON				X-20
447892	04U883	413U4	OFF	MON				Z-23
447893	01U350		ON	MON			A-6	
447894	PJ#318	318U4	OFF	MON				X-22
447895	04U880	410U4	OFF	MON				V-19
447896	04U877	407U4	OFF	MON				T-22
447898	04U875	405U4	OFF	MON				U-20
447899	03L846	306L3	OFF	MON				S-22
447900	04U879	409U4	OFF	MON				R-21
447988	04U872	402U4	OFF	MON				V-21
447998	01U135		ON	MON			A-4	
447999	01U136		ON	MON			A-3	
453821	03U317	SC-5	ON	REM			H-6	
453822	03U316	SC-4	ON	REM			H-6	
453823	03F308	B7	ON	REM			H-2	0-25
453824	03F312	B11	ON	REM			K-5	Q-26
453825	PJ#309	B8	ON	REM			J-3	P-25
453826	PJ#310	B9	ON	REM			I-3	P-25
453827	PJ#311	B10	ON	REM			H-2	P-25
453828	PJ#313	B12	ON	REM			H-2	0-25
453829	04J708		ON	MON			J-3	P-25
453830	04J713		ON	MON			H-2	0-25

TCAAP WELL INDEX
SORTED BY UNIQUE NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
453831	03M713		ON	MON			H-2	0-25
453832	04U714		ON	MON			G-2	0-25
453833	03U715	SM1	ON	MON			I-6	
453834	03U716	SM2	ON	MON			H-6	
471394	04U863	323U4	OFF	MON				
476837		MW15H	OFF	MON				
482083		K04-MW	ON	MON				
482084		K02-MW	ON	MON				
482085		K01-MW	ON	MON				
482086		I01-MW	ON	MON				
482087		I05-MW	ON	MON				
482088		I02-MW	ON	MON				
482089		I04-MW	ON	MON				
482090		I03-MW	ON	MON				
482707	04J882		OFF	MON				Z-21
482708	04J835		OFF	MON				Z-22
482709	04J834		OFF	MON				Y-22
500691	04U414	414U4/EZ SELF SERVICE	OFF	MON				T-24
500694	03L137		ON	MON				
505189	01U137		ON	MON			A-5	
505190	01U138		ON	MON			A-5	
505191	01U139		ON	MON			A-5	
505192	01U140		ON	MON			A-5	
505193	01U141		ON	MON			A-5	
505209	01U902		OFF	MON			A-5	
505210	01U901	H3U1	OFF	MON			A-4	
505618	03L138		ON	MON				
508115	04U322	322U4	OFF	MON				T-24
508117	04J702		ON	MON			I-3	P-25
508118	04J077		ON	MON				
508119	04U713		ON	MON			H-2	0-25
508120	04J714		ON	MON			G-2	0-25
508122	03U314	SC-2	ON	REM			I-6	P-27
509083		NEW BRIGHTON #11	OFF	MUNI				T-23
512761		GROSS GOLF #2	OFF	IRR				AA-22
519288		E101-MW	ON	MON				
519289		E102-MW	ON	MON				
519290		E103-MW	ON	MON				
519291		129-1501-MW	ON	MON				
519836	04U834		OFF	MON				Y-22
519956	03L833		OFF	MON			I-2	P-25
519957	04U833		OFF	MON			I-2	P-25
520931		NEW BRIGHTON #13	OFF	MUNI				T-24
524047	04U865	325U4	OFF	MON				T-24
524048	04J866	326J	OFF	MON				T-24
524049	04U866	326U4	OFF	MON				T-24
524050	04U864	324U4	OFF	MON				T-24
524051	04J864	324J	OFF	MON				T-24
538039	01U145		ON	PIEZ.				
538040	01U146		ON	PIEZ.				
538041	01U147		ON	PIEZ.				
538042	01U148		ON	PIEZ.				
538043	01U149		ON	PIEZ.				
538044	01U150		ON	PIEZ.				

TCAAP WELL INDEX
SORTED BY UNIQUE NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
538045	01U151		ON	PIEZ.				
538046	01U152		ON	PIEZ.				
538047	01U153		ON	PIEZ.				
538048	01U154		ON	PIEZ.				
538049	01U155		ON	PIEZ.				
538050	01U156		ON	PIEZ.				
538051	01U351		ON	REM				
538052	01U352		ON	REM				
538053	01U353		ON	REM				
538054	01U354		ON	REM				
538055	01U355		ON	REM				
538056	01U356		ON	REM				
538057	01U357		ON	REM				
538058	01U358		ON	REM				
538059	01U904		OFF	MON				
538060	01U903		OFF	MON				
538062	01U157		ON	MON				
538063	01U158		ON	MON				
	PJ#006		ON	MON				
	01U131							
	01U132							
	01U142							
	01U143							
	01U144							
	03U301	SC-1	ON	REM			K-5	P-26
	03L306		ON	MON				
	03U315	SC-3		REM			I-6	
	01U653			MON				
554216		NEW BRIGHTON #14	OFF	MUNI				T-23
	03U674	OW541U3	ON	MON			K-5	
	01U675							
	03U675							
	03U676		ON	MON			J-6	
	04U842			MON				
	03L843	303L3	OFF	MON				Q-24
		MW15D	OFF	MON				
		MW15S	OFF	MON				
		OW543U3						
		Staff Gauge 1						
		Staff Gauge 2						
		Staff Gauge 3						

C.2 Sorted by IRDMIS Number

TCAAP WELL INDEX
SORTED BY IRDMIS NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
234137	03L001	S1L3	ON	MON			G-2	0-25
234136	03M001	S1M3	ON	MON			G-2	0-25
234135	03U001	S1U3	ON	MON			G-2	0-25
234138	04U001	S1U4	ON	MON			G-2	0-25
234141	03L002	S2L3	ON	MON			I-4	P-25
234140	03M002	S2M3	ON	MON			I-4	P-25
234139	03U002	S2U3	ON	MON			I-4	P-25
234194	04U002	S2U4	ON	MON			I-4	P-25
236176	01U003	S3U1	ON	MON			K-5	Q-26
234144	03L003	S3L3	ON	MON			K-5	Q-26
234143	03M003	S3M3	ON	MON			K-5	Q-26
234142	03U003	S3U3	ON	MON			K-5	Q-26
234193	04U003	S3U4	ON	MON			K-5	Q-26
236468	PJ#003	S3PJ	ON	MON			K-5	Q-26
234198	01U004	S4U1	ON	MON			K-7	
234147	03L004	S4L3	ON	MON			K-7	
234146	03M004	S4M3	ON	MON			K-7	
234145	03U004	S4U3	ON	MON			K-7	
236079	03L005	S5L3	ON	MON			K-9	
440885	03M005	ST-5-M3	ON	MON			K-9	
234148	03U005	S5U3	ON	MON			K-9	
234149	03U006	S6U3	ON	MON			K-11	
	PJ#006		ON	MON				
234152	03L007	S7L3	ON	MON			J-12	
234151	03M007	S7M3	ON	MON			J-12	
234150	03U007	S7U3	ON	MON			J-12	
234195	04U007	S7U4	ON	MON			J-12	
234153	03U008	S8U3	ON	MON			F-12	
234154	03U009	S9U3	ON	MON			B-12	
234157	03L010	S10L3	ON	MON			A-10	
234156	03M010	S10M3	ON	MON			A-10	
234155	03U010	S10U3	ON	MON			A-10	
234199	01U011	S11U1	ON	MON			A-7	
234158	03U011	S11U3	ON	MON			A-7	
234200	01U012	S12U1	ON	MON			B-3	
234161	03L012	S12L3	ON	MON			B-3	
234160	03M012	S12M3	ON	MON			B-3	
234159	03U012	S12U3	ON	MON			B-3	
234196	04U012	S12U4	ON	MON			B-3	
234164	03L013	S13L3	ON	MON			E-2	
234163	03M013	S13M3	ON	MON			E-2	
234162	03U013	S13U3	ON	MON			E-2	
235748	03L014	S14L3	ON	MON			I-7	P-27
234165	03U014	S14U3	ON	MON			I-7	P-27
234166	03U015	S15U3	ON	MON			F-5	
234167	03U016	S16U3	ON	MON			F-9	0-27
234170	03L017	S17L3	ON	MON			H-5	
234169	03M017	S17M3	ON	MON			H-5	
234168	03U017	S17U3	ON	MON			H-5	
235749	03L018	S18L3	ON	MON			H-6	
234171	03U018	S18U3	ON	MON			H-6	
234172	03U019	S19U3	ON	MON			H-8	
234175	03L020	S20L3	ON	MON			I-6	P-26
234174	03M020	S20M3	ON	MON			I-6	P-26

TCAAP WELL INDEX
SORTED BY IRDMIS NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
234173	03U020	S20U3	ON	MON			I-6	P-26
234197	04U020	S20U4	ON	MON			I-6	P-26
235750	03L021	S21L3	ON	MON			J-4	P-26
234176	03U021	S21U3	ON	MON			J-4	P-26
234201	01U022	S22U1	ON	MON			B-6	
236178	03U022	S22U3		MON			B-6	
236179	03U023	S23U3		MON			B-5	
236180	03U024	S24U3		MON			C-5	
236181	03U025	S25U3		MON			D-4	
236182	03U026	S26U3	ON	MON			H-7	
235751	03L027	S27L3	ON	MON			J-6	
236183	03U027	S27U3		MON			J-6	
242138	04U027	S27U4		MON			J-6	
236469	PJ#027	S27PJ	ON	MON			J-6	
235752	03L028	S28L3		MON			J-6	
236184	03U028	S28U3		MON			J-6	
235753	03L029	S29L3		MON		236066	K-5	P-26
236185	03U029	S29U3		MON			K-5	P-26
236186	03U030	S30U3		MON			J-6	P-26
236187	03U031	S31U3		MON			F-4	
236188	03U032	S32U3		MON			G-7	
234202	01U033	S33U1	ON	MON			A-10	
234204	01U034	S34U1	ON	MON			A-8	
234205	01U035	S35U1	ON	TEST			A-7	
234206	01U036	S36U1	ON	MON			A-7	
234207	01U037	S37U1		MON				
234208	01U038	S38U1		MON			A-6	
234209	01U039	S39U1	ON	MON			A-4	
234210	01U040	S40U1	ON	MON			B-4	
234211	01U041	S41U1	ON	MON			B-5	
236177	01U043	S43AU1		MON			C-5	
234212	01U044	S44U1	ON	MON			C-4	
234215	01U045	S45U1	ON	MON			D-4	
234216	01U046	S46U1	ON	MON			D-4	
234217	01U047	S47U1	ON	MON			E-2	
234218	01U048	S48U1		MON			E-2	
234221	01U050	S50AU1		MON			H-2	
234222	01U051	S51U1	ON	MON			H-2	
234223	01U052	S52U1	ON	MON			E-3	
234225	01U053	S53AU1	ON	MON			K-4	
234227	01U054	S54AU1		MON			K-5	
234235	01U060	S60U1	ON	MON			J-10	
234237	01U062	S62U1	ON	MON			J-3	
234239	01U063	S63U1	ON	MON			B-4	
234240	01U064	S64U1	ON	MON			J-6	
234241	01U065	S65U1	ON	MON			F-2	
234243	01U067	S67U1	ON	MON			B-6	
234250	01U072	S72AU1	ON	MON			E-9	
235565	PJ#074	S74PJ		MON			I-6	
236078	03U075	S75U3	ON	MON			F-2	
236077	03U076	S76U3	ON	MON			G-2	
236076	03L077	S77L3	ON	MON			I-3	P-25
236075	03U077	S77U3	ON	MON			I-3	P-25
508118	04J077		ON	MON				

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Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
426877	04U077	ST77U4	ON	MON			I-3	P-25
236074	03L078	S78L3	ON	MON			J-4	P-26
236073	03U078	S78U3	ON	MON			J-4	P-26
242160	03L079	S79L3	ON	MON			K-5	Q-26
236072	03U079	S79U3	ON	MON			K-5	Q-26
236071	03L080	S80L3	ON	MON			J-6	
236070	03L081	S81L3	ON	MON			I-8	
236476	03U082	S82U3	ON	MON			B-7	
236478	03U083	S83U3	ON	MON			E-4	
440887	03L084	ST84L3	ON	MON			H-3	0-25
236069	03U084	S84U3	ON	MON			H-3	0-25
236479	01U085	S85U1	ON	MON			D-4	
236068	03L086	S86L3	ON	MON			J-9	
236480	03U087	S87U3	ON	MON			F-6	
236482	03U088	S88U3	ON	MON			F-6	
236483	03U089	S89U3	ON	MON			F-6	
236485	03U090	S90U3	ON	MON			H-7	
236067	03L091	S91L3	ON	MON			G-7	
236487	03U092	S92U3	ON	MON			H-6	
236489	03U093	S93U3	ON	MON			H-6	
236066	03U094	S94U3	ON	MON			I-7	P-27
236491	03U096	S96U3	ON	MON			G-6	
236493	03U097	S97U3	ON	MON			E-9	
236494	01U098	S98U1	ON	MON			J-10	
236495	03U099	S99U3	ON	MON			K-10	
236497	01U100	S100U1	ON	MON			B-9	
236498	01U101	S101U1	ON	MON			B-8	
236499	01U102	S102U1	ON	MON			A-5	
236500	01U103	S103U1	ON	MON			A-6	
236501	01U104	S104U1	ON	MON			A-6	
236502	01U105	S105U1	ON	MON			A-6	
236503	01U106	S106U1	ON	MON			A-6	
236504	01U107	S170U1	ON	MON			B-6	
236505	01U108	S108U1	ON	MON			A-6	
236506	01U109	S109U1	ON	MON			B-6	
236507	01U110	S11OU1	ON	MON			B-6	
236508	03U111	S111U3	ON	MON			E-9	
236510	03U112	S112U3	ON	MON			H-7	0-27
236080	03L113	WF1L3	ON	MON			G-8	0-27
242124	03U113	WF1U3	ON	MON			G-8	0-27
242125	03U114	WF2U3	ON	MON			H-7	0-27
427411	01U115		ON	MON			A-5	
427412	01U116		ON	MON			A-5	
427413	01U117		ON	MON			A-5	
427414	01U118		ON	MON			B-5	
427415	01U119		ON	MON			A-6	
427410	01U120		ON	MON			A-6	
440884	03U121		ON	MON			H-7	
440888	01U122		ON	MON			A-8	
440896	03U124		ON	MON			G-7	
440889	01U125		ON	MON			A-5	
440890	01U126		ON	MON			A-6	
440891	01U127		ON	MON			A-6	
440892	01U128		ON	MON			E-3	

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SORTED BY IRDMIS NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
440886	03U129		ON	MON			D-9	
440895	01U130		ON	MON			G-2	
	01U131							
	01U132							
440893	01U133		ON	MON			A-6	
440894	01U134		OFF	MON				
447998	01U135		ON	MON			A-4	
447999	01U136		ON	MON			A-3	
505189	01U137		ON	MON			A-5	
500694	03L137		ON	MON				
505190	01U138		ON	MON			A-5	
505618	03L138		ON	MON				
505191	01U139		ON	MON			A-5	
505192	01U140		ON	MON			A-5	
505193	01U141		ON	MON			A-5	
	01U142							
	01U143							
	01U144							
538039	01U145		ON	PIEZ.				
538040	01U146		ON	PIEZ.				
538041	01U147		ON	PIEZ.				
538042	01U148		ON	PIEZ.				
538043	01U149		ON	PIEZ.				
538044	01U150		ON	PIEZ.				
538045	01U151		ON	PIEZ.				
538046	01U152		ON	PIEZ.				
538047	01U153		ON	PIEZ.				
538048	01U154		ON	PIEZ.				
538049	01U155		ON	PIEZ.				
538050	01U156		ON	PIEZ.				
538062	01U157		ON	MON				
538063	01U158		ON	MON				
	03U301	SC-1	ON	REM			K-5	P-26
426842	03F302	B1	ON	REM			K-5	Q-26
426843	03F303	B2	ON	REM			K-4	P-26
426844	03F304	B3	ON	REM			J-4	P-25
426845	03F305	B4	ON	REM			J-3	P-25
426846	03F306	B5	ON	REM			I-3	P-25
	03L306		ON	MON				
426847	03F307	B6	ON	REM			I-3	P-25
453823	03F308	B7	ON	REM			H-2	0-25
453825	PJ#309	B8	ON	REM			J-3	P-25
453826	PJ#310	B9	ON	REM			I-3	P-25
453827	PJ#311	B10	ON	REM			H-2	P-25
453824	03F312	B11	ON	REM			K-5	Q-26
453828	PJ#313	B12	ON	REM			H-2	0-25
508122	03U314	SC-2	ON	REM			I-6	P-27
	03U315	SC-3		REM			I-6	
453822	03U316	SC-4	ON	REM			H-6	
453821	03U317	SC-5	ON	REM			H-6	
447894	PJ#318	318U4	OFF	MON				X-22
508115	04U322	322U4	OFF	MON				T-24
447893	01U350		ON	MON			A-6	
538051	01U351		ON	REM				

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SORTED BY IRDMIS NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
538052	01U352		ON	REM				
538053	01U353		ON	REM				
538054	01U354		ON	REM				
538055	01U355		ON	REM				
538056	01U356		ON	REM				
538057	01U357		ON	REM				
538058	01U358		ON	REM				
500691	04U414	414U4/EZ SELF SERVICE	OFF	MON				T-24
206754	PJ#501	TWIN CITIES ARSENAL NO. 1	ON	P.S.			F-4	
206756	PJ#502	TWIN CITIES ARSENAL NO. 2	ON	IND			G-4	
206758	PJ#503	TWIN CITIES ARSENAL NO. 3	ON	IND			H-4	
206724	PJ#504	TWIN CITIES ARSENAL	OFF	ABAND	✓		E-2	
231857	03M505			ABAND	✓		K-12	
206753	PJ#506	TWIN CITIES ARSENAL NO. 6	ON		✓		H-5	
206755	PJ#507	TWIN CITIES ARSENAL NO. 7	ON	ABAND	✓		H-5	
206759	PJ#508	TWIN CITIES ARSENAL NO. 8	ON	ABAND	✓		I-6	
206760	03M509		ON	MON			J-6	
206760	PJ#509	TWIN CITIES ARSENAL NO.9	ON	DOM			J-6	
231742	04U510	GRENADE PLANT PROOF RANGES	ON	IND			C-12	
114410	03U521		OFF	MON			F-7	
231854	03L522	ARSENAL GRAVEL PIT	ON	ABAND	✓		D-8	
206725	03L523	ARSENAL GRAVEL PIT	ON	ABAND	✓		D-8	
236194	01U524	FA4U1	ON	PIEZ.			I-3	
236196	01U525	FW5U1	ON	PIEZ.			J-4	
236197	01U526	FV12U1	ON	PIEZ.			I-4	
236195	01U527	FV8U1	ON	PIEZ.			I-3	
236189	01U601	OW101U1	ON	MON			F-3	
236190	01U602	OW102U1	ON	MON			F-3	
236191	01U603	OW103U1	ON	MON			E-3	
236192	01U604	OW104U1	ON	MON			E-3	
236193	01U605	OW10571	ON	MON			E-3	
242127	01U607	OW107U1	ON	MON			E-3	
242128	01U608	OW108U1	ON	MON			F-3	
242129	01U609	OW109U1	ON	MON			F-3	
242130	01U610	OW110U1	ON	MON				
242131	01U611	OW111U1	ON	MON			E-3	
194725	01U612	OW112U1	ON	MON		194758	E-3	
194726	01U613		ON	MON		194759	E-3	
194727	01U615	OW115U1	ON	MON		194760	F-3	
194728	01U616	OW116U1	ON	MON		194761	F-3	
194729	01U617	OW117U1	ON	MON		194770	F-3	
194730	01U618	OW118U1	ON	MON		194771	F-3	
194772	01U619	PW119U1	ON	MON			F-3	
194701	01U620	OW120U1	ON	MON			F-3	
194702	01U621	PW121U1	ON	MON			F-3	
194703	01U622	OW122U1	ON	MON			F-3	
194704	01U623	OW123U1	ON	MON			F-3	
242182	01U624A	BP185A	ON	PIEZ			F-3	
242183	01U624B	BP185B	ON	PIEZ			F-3	
242184	01U624C	BP185C	ON	PIEZ			F-3	
242185	01U624D	BP185D	ON	PIEZ			F-3	
242186	01U625A	BP285A	ON	PIEZ			F-3	
242187	01U625B	BP285B	ON	PIEZ			F-3	
242188	01U625C	BP285C	ON	PIEZ			F-3	

TCAAP WELL INDEX
SORTED BY IRDMIS NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
242189	01U625D	BP285D	ON	PIEZ			F-3	
242190	01U626A	BP385A	ON	PIEZ			F-3	
242191	01U626B	BP385B	ON	PIEZ			F-3	
242192	01U626C	BP385C	ON	PIEZ			F-3	
242193	01U626D	BP385D	ON	PIEZ			F-3	
242194	01U627A	BP485A	ON	PIEZ			F-3	
242195	01U627B	BP485B	ON	PIEZ			F-3	
242196	01U627C	BP485C	ON	PIEZ			F-3	
242197	01U627D	BP485D	ON	PIEZ			F-3	
242198	01U628A	BP585A	ON	PIEZ			F-3	
242199	01U628B	BP585B	ON	PIEZ			F-3	
242200	01U628C	BP585C	ON	PIEZ			F-3	
242201	01U628D	BP585D	ON	PIEZ			F-3	
194720	01U631	OW501U1	ON	MON				
194721	01U632	OW502U1		MON				
194716	01U634	OW504U1	ON	MON			J-5	
194722	01U635	OW505U1	ON	MON				
194723	01U636	OW506U1	ON	MON.			K-5	
194717	01U638	OW508U1		MON				
194718	01U639	OW509U1	ON	MON			K-6	
194719	01U640	OW510U1	ON	MON			K-6	
194724	01U642	OW512U1	ON	MON			K-7	
242132	03U647		ON	MON			J-6	
242133	03U648		ON	MON			J-6	P-26
242134	01U652	OW522U1	ON	MON			J-6	
	01U653			MON				
421426	03U658		ON	MON			K-7	
421425	03U659		ON	MON			J-6	P-26
242135	01U666	OW536U1	ON	MON			K-5	
242136	01U667	OW537U1	ON	MON			J-6	
242137	01U668	OW538U1	ON	MON			J-6	
421438	03U671	PO-1	ON	MON			J-4	P-26
421440	03U672	PD2U3	OFF	MON			K-6	Q-26
426815	03L673	PD3L3	OFF	TEST			L-3	Q-25
421441	03U673	PD3U3	OFF	MON			L-3	Q-25
426867	04U673	PD3U4	OFF	TEST			L-3	Q-25
	03U674	OW541U3	ON	MON			K-5	
	01U675							
	03U675							
	03U676		ON	MON			J-6	
426848	03U701	701U3	ON	MON			I-3	P-25
426849	04U701	701U4	ON	MON			I-3	P-25
426850	03U702	702U3	ON	MON			I-3	P-25
508117	04J702		ON	MON			I-3	P-25
426876	04U702	702U4	ON	MON			I-3	P-25
426878	03U703	703U3		MON			K-4	P-26
426883	03U704	704U3	ON	MON			E-7	
426884	03U705	705U3	ON	MON			E-7	
426885	03U706	706U3	ON	MON			E-6	
426886	03U707	707U3	ON	MON			C-7	
426879	03U708	708U3	ON	MON			J-4	P-25
453829	04J708		ON	MON			J-3	P-25
426880	04U708	708U4	ON	MON			J-4	P-25
426881	03U709	709U3	ON	MON			J-3	P-25

TCAAP WELL INDEX
SORTED BY IRDMIS NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
426882	04U709	709U4	ON	MON			J-3	P-25
434032	03U710	71OU3	ON	MON			K-5	Q-26
434033	03U711	711U3	OFF	MON			J-3	P-25
434031	04U711	711U4	OFF	MON			J-3	P-25
453831	03M713		ON	MON			H-2	0-25
453830	04J713		ON	MON			H-2	0-25
508119	04U713		ON	MON			H-2	0-25
508120	04J714		ON	MON			G-2	0-25
453832	04U714		ON	MON			G-2	0-25
453833	03U715	SM1	ON	MON			I-6	
453834	03U716	SM2	ON	MON			H-6	
236449	03U801	T1U3	OFF	MON			K-4	Q-26
426817	03L802	T2L3	OFF	TEST			K-4	Q-26
426818	03M802	T2M3	OFF	TEST			K-4	Q-26
236450	04U802	T2U4	OFF	MON			K-4	Q-26
236437	PJ#802	T2PJ	OFF	MON		421437	K-4	Q-26
236452	01U803	T3U1	OFF	TEST		424053	K-3	Q-25
236453	03U803	T3U3	OFF	MON		421434	K-3	Q-25
236455	03U804	T4U3	OFF	MON		421433	J-4	P-25
236457	01U805	T5U1	OFF	MON		424060	J-3	P-25
236458	03U805	T5U3	OFF	MON		421432	J-3	P-25
236460	01U806	T6U1	OFF	MON		424058	I-3	P-25
236463	03L806	T6L3	OFF	MON		421429	I-3	P-25
236462	03M806	T6M3	OFF	MON		421430	I-3	P-25
236461	03U806	T6U3	OFF	MON		421431	I-3	P-25
236464	04U806	T6U4	OFF	MON		421428	I-3	P-25
236465	PJ#806	T6PJ	OFF	MON		421427	I-3	P-25
236471	01U807	T7U1	OFF	TEST		424059		
424057	01U808	T8U1	ON	MON			J-2	
426868	03L809	T9L3	OFF	MON				P-25
424055	01L811	H1L1	OFF	TEST				P-24
426809	03L811	H1L3	OFF	TEST				P-24
426808	03U811	H1U3	OFF	TEST				P-24
424062	01L813	H3L1	OFF	TEST				P-23
242153	01U813	H3U1	OFF	MON				P-23
426816	03L813	H3L3	OFF	TEST				P-23
426862	03U815	H5U3	OFF	TEST				P-23
424056	01L816	H6L1	OFF	ABAND	✓			P-24
424054	01L821	NW1L1	OFF	TEST				Q-24
426810	03U821	NW1U3	OFF	TEST				Q-24
426811	04U821	NW1U4	OFF	TEST				Q-24
424052	01L822	NW2L1	OFF	TEST				Q-24
426813	03L822	NW2L3	OFF	TEST				Q-24
426812	03U822	NW2U3	OFF	TEST				Q-24
424061	01L823	NW3L1	OFF	TEST				S-24
426814	03U824	NW4U3	OFF	TEST				R-24
426863	03U831	OM1U3	OFF	TEST				R-24
426865	03L832	OM2L3	OFF	TEST				R-24
426864	03U832	OM2U3	OFF	TEST				R-24
426866	04U832	OM2U4	OFF	TEST				R-24
519956	03L833		OFF	MON			I-2	P-25
519957	04U833		OFF	MON			I-2	P-25
482709	04J834		OFF	MON				Y-22
519836	04U834		OFF	MON				Y-22

TCAAP WELL INDEX
SORTED BY IRDMIS NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
482708	04J835		OFF	MON				Z-22
434037	03L841	301L3	OFF	MON				Q-25
426851	04U841	301U4	OFF	TEST				Q-25
	04U842			MON				
	03L843	303L3	OFF	MON				Q-24
426852	03M843	303M3	OFF	TEST				Q-24
426853	04U843	303U4	OFF	TEST				Q-24
426854	04U844	304U4	OFF	TEST				R-24
426855	04U845	305U4	OFF	MON				R-25
447899	03L846	306L3	OFF	MON				S-22
426856	04U846	306U4	OFF	MON				S-22
426857	04U847	307U4	OFF	MON				P-24
416199	03L848	308L3	OFF	MON				Q-25
416051	03M848	308M3	OFF	MON				Q-25
416078	04U848	308U4	OFF	TEST				Q-25
416082	04U849	309U4	OFF	MON				R-23
416200	04U850	310U4	OFF	MON				S-22
406198	04U851	311U4	OFF	MON				U-23
416080	04U852	312U4	OFF	MON				V-23
426858	03L853	313L3	OFF	MON				Q-24
426859	03L854	314L3	OFF	MON				R-25
439701	04U854	314U4	OFF	MON				R-25
426860	04U855	315U4	OFF	MON				Q-22
426861	03L856	316L3	OFF	MON				P-23
416081	03L858	318L3	OFF	MON				X-22
434040	03L859	319L3	OFF	MON				Q-25
434036	04U859	319U4	OFF	MON				Q-25
434038	03L860	320L3	OFF	MON				R-25
434035	04U860	320U4	OFF	MON				R-25
434039	03L861	321L3	OFF	MON				R-24
434034	04U861	321U4	OFF	MON				R-24
471394	04U863	323U4	OFF	MON				
524051	04J864	324J	OFF	MON				T-24
524050	04U864	324U4	OFF	MON				T-24
524047	04U865	325U4	OFF	MON				T-24
524048	04J866	326J	OFF	MON				T-24
524049	04U866	326U4	OFF	MON				T-24
447889	04U871	401U4	OFF	MON				U-21
447988	04U872	402U4	OFF	MON				V-21
447898	04U875	405U4	OFF	MON				U-20
447896	04U877	407U4	OFF	MON				T-22
447900	04U879	409U4	OFF	MON				R-21
447895	04U880	410U4	OFF	MON				V-19
447891	04U881	411U4	OFF	MON				X-20
482707	04J882		OFF	MON				Z-21
447890	04U882	412U4	OFF	MON				Z-22
447892	04U883	413U4	OFF	MON				Z-23
505210	01U901	H3U1	OFF	MON			A-4	
505209	01U902		OFF	MON			A-5	
538060	01U903		OFF	MON				
538059	01U904		OFF	MON				
107405		ROEBKE	OFF	UN				
110485		NEW BRIGHTON #12	OFF	MUNI				P-21
122210		ST. PAUL PORT AUTH. #3	OFF	IND				

TCAAP WELL INDEX
SORTED BY IRDMIS NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
127537		MIDWEST ASPHALT	OFF	DOM				
134318		LORENZ W SEUTTER	OFF	DOM				
139035		WATERGATE MARINA	OFF	P.S.				
151568		ARDEN MANOR MOBILE HOME	OFF	P.S.				
161432		NEW BRIGHTON #10	OFF	MUNI				V-24
191942		118PDC/MODEL STONE	OFF	MON				R-24
200070		RUAN TRANSPORT	OFF	COM	✓			
200071		PRESTRESSED CONCRETE	OFF	IND	✓			
200072		WITTE TRANSPORTATION	OFF	IND	✓			
200073		WILSON TRANSFER & STORAGE	OFF	IND				
200074		ASBESTOS PROD	OFF	IND	✓			
200075		PHILLIPS PETROLEUM	OFF	IND	✓			
200076		OLD DUTCH FOODS INC	OFF	IND				Z-23
200077		JOHN CONLIN	OFF	DOM	✓			
200078		WILLIAM CLASS	OFF	DOM				
200079		LAWRENCE SCHOENING	OFF	DOM				
200080		CARL A OSTROM & SON	OFF	DOM				
200081		A. O. LIEBIG	OFF	DOM				
200082		2196 MARION ROAD	OFF	DOM				
200148		PAPER CALMERSON	OFF	IND	✓			BB-23
200154		U OF M GOLF COURSE	OFF	IRR				CC-25
200167		KOPPERS COKE #1	OFF	IND				
200171		PLATING INC	OFF	IND				
200197		SNOW FLAKE DAIRY	OFF	COM				
200264		1620 CENTRAL	OFF	IND				
200384		METALLURGICAL INC. WELL #1	OFF	IND				
200524		ST. ANTHONY #5	OFF	MUNI				V-21
200525		PLETSCHER	OFF	UN				
200531		NAZARETH	OFF	UN				
200599		CEDAR AVE. TRIANGLE	OFF	P.S.				
200602		ATKINSON MILL CO.	OFF	IND				
200629		GENERAL MILLS	OFF	IND				
200803		ST. ANTHONY #4	OFF	P.S.				X-22
200804		ST. ANTHONY #3	OFF	MUNI				X-22
200812		GROSS GOLF COURSE #1	OFF	COM				AA-22
200814		AMERICAN LINEN	OFF	IND				CC-22
201074		GLEASSON MORTUARY	OFF	COM				
201082		NORTHWESTERN HOSPITAL	OFF	P.S.				
206669		FRIDLEY #8	OFF	MUNI				
206672		FRIDLEY #9	OFF	MUNI				
206673		FRIDLEY #6	OFF	MUNI				
206688		CLOVERPOND WELL	OFF	DOM				T-20
206689		JAMES K. O'NEIL	OFF	UN				
206693		FERNELIUS	OFF	UN				
206702		MINN E.S.	OFF	UN				
206720		MOUNDSVIEW	OFF	MUNI				
206722		M0UNDSVIEW #5	OFF	MUNI				
206750		SHORE #4	OFF	MUNI				
206787		MOUNDSVIEW H.S.	OFF	P.S.				S-25
206789		NEW BRIGHTON #1	OFF	MUNI	✓			
206791		NEW BRIGHTON #7	OFF	MUNI				U-23
206792		NEW BRIGHTON #4						
206793		NEW BRIGHTON #3	OFF	MUNI				S-21
206794		NEW BRIGHTON #9	OFF	MUNI				T-21

TCAAP WELL INDEX
SORTED BY IRDMIS NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
206795		NEW BRIGHTON #8	OFF	MUNI				T-21
206796		NEW BRIGHTON #5	OFF	MUNI				
206797		NEW BRIGHTON #6	OFF	MUNI				T-21
206798		NEW BRIGHTON #2	OFF	MUNI	✓			
223844		KURTH MALTING CO EAST WL	OFF	IND				
223992		BOOM ISLAND	OFF	IND				
225886		FRANKLIN STEEL SQUARE	OFF	P.S.				
225905		ST PAUL TERM. WAREHOUSE	OFF	IND				
225906		ST PAUL TERM. WAREHOUSE	OFF	IND				
231741		LABELLE	OFF	UN				
231845		MNDOT CIVIL DEFENSE TRAIN.	ON/OFF	P.S.			A-4	
231878		MENGELKOCH #2	OFF	UN				R-25
232067		NBR 135	OFF	UN				
232069		UHIL	OFF	UN				
233221		REUBEN MEAT	OFF	DOM				CC-20
233222		LOWRY GROVE TRAILER	OFF	ABAND	✓			Z-21
233241		KOZAH'S MARKET	OFF	UN	✓			
233520		MCGILLIS	OFF	UN				
233533		ROSELAWN CEMETARY	OFF	IRR				
233763		P. L. MORGAN	OFF	DOM				
233806		2581 NORTH CLEVELAND	OFF	DOM				
234301		DEWITT	OFF	UN				
234305		GLENN BEGGIN	OFF	UN				
234319		HIDE & TALLOW #1	OFF	UN				P-25
234327		BRESKE	OFF	UN				
234335		MENGELKOCH #1	OFF	UN				R-25
234337		MENGELKOCH #3	OFF	UN	✓			R-25
234350		GORDON	OFF	UN				
234351		YEMPA	OFF	UN				
234352		1206 12TH AV NW	OFF	UN				R-23
234353		LENTSCH'S ICE WK.	OFF	UN				P-25
234355		KINGDOM HALL	OFF	UN				
234356		NORDQUIST P43	OFF	UN				Q-25
234357		PHILLIPS PET P46	OFF	UN				P-25
234386		ZELL OLS.	OFF	UN				
234391		SHERER L.	OFF	UN				
234396		DEWITT	OFF	UN	✓			
234406		KLAPP	OFF	UN	✓			
234409		HIDE & TALLOW	OFF	UN				
234425		KEN GEREBI	OFF	UN	✓			P-25
234430		CMIEL	OFF	UN	✓			Q-26
234431		HARSTAD	OFF	UN				
234463		KEN SOLIE	OFF	UN				V-21
234546		HONEYWELL RIDGEWAY	OFF	UN				BB-21
234547		HONEYWELL RIDGEWAY	OFF	UN				BB-21
234549		REINER	OFF	IRR				Y-21
235539		OLD HOTEL	OFF	UN				Q-24
235557		HIDDEN FALLS PARK W.WELL	OFF	P.S.				
235619		SHRINERS HOSPITAL	OFF	P.S.				
235735		FLOUR CITY ARCHITECTURAL	OFF	COM				
236122		NWR	OFF	ABAND				Q-24
242162		301PB	OFF	UN				
242207		SUNSET MEMORIAL CEMETARY	OFF	UN				
249152		BOYLE	OFF	DOM				

TCAAP WELL INDEX
SORTED BY IRDMIS NUMBER

Minnesota Unique #	IRDMIS #	Common Name	Well Location	Well Type	Well Sealed	Second Unique #	Well Location On-post	Well Location Off-post
265735		FLOUR CITY ARCH	OFF	UN				
322664		ABBOTT NW HOSP	OFF	UN				
405651		METAL-MATIC INC.	OFF	IND				
409546		PCA2L3	OFF	TEST				S-24
409547		PCA1U4	OFF	TEST				R-24
409548		PCA2U4	OFF	TEST				S-24
409549		PCA3U4	OFF	TEST				R-22
409550		PCA6U3	OFF	TEST				P-25
409555		PCA5U4	OFF	TEST				V-22
409556		PCA4L3	OFF	TEST				S-22
409557		PCA1L3	OFF	TEST				R-24
409595		B109U3	OFF	ABAND				R-24
409596		B118U3	OFF	MON				R-24
409597		B118L3	OFF	IND				R-24
409598		B117U3	OFF	ABAND				R-24
416143			OFF	ABAND				
416198		311U4	OFF	MON				
420713		HERBST LANDFILL	OFF	MON				
476837		MW15H	OFF	MON				
482083		K04-MW	ON	MON				
482084		K02-MW	ON	MON				
482085		K01-MW	ON	MON				
482086		I01-MW	ON	MON				
482087		I05-MW	ON	MON				
482088		I02-MW	ON	MON				
482089		I04-MW	ON	MON				
482090		I03-MW	ON	MON				
509083		NEW BRIGHTON #11	OFF	MUNI				T-23
512761		GROSS GOLF #2	OFF	IRR				AA-22
519288		E101-MW	ON	MON				
519289		E102-MW	ON	MON				
519290		E103-MW	ON	MON				
519291		129-1501-MW	ON	MON				
520931		NEW BRIGHTON #13	OFF	MUNI				T-24
554216		NEW BRIGHTON #14	OFF	MUNI				T-23
		MW15D	OFF	MON				
		MW15S	OFF	MON				
		OW543U3						
		Staff Gauge 1						
		Staff Gauge 2						
		Staff Gauge 3						

APPENDIX D

Appendix D

FY 1996 QA/QC Data

D.1 Organics QA/QC Data

Notes:

For complete spelling of chemical abbreviations, refer to Appendix E.

(1) Under QC Type

F = Field Blank
N = Matrix Blank
R = Rinse Blank
T = Trip Blank

Organics QA/QC Data (ug/l)

Sample Location	QC Type (1)	Lab	IRDMIS Lot #	Lab #	Sample Date	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLFTE	CH2CL2	C6H6 MEC6H5	TXYLEN	OILGR	TOC
20500	F	IP	EWQ 010	6675-08	10-Oct-95 Data																			<1000.00	
20500	F	IP	EWQ 010	6675-08	10-Oct-95 Spike																			0.00	
Eff. A	F	IP	EXM 005	6681-03	11-Oct-95 Data	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41				
Eff. A	F	IP	EXM 005	6681-03	11-Oct-95 Spike	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20300	F	PC	HWI 013	354333	28-Nov-95 Data	0.70	<0.50	<1.00	0.54		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20				
20300	F	PC	HWI 013	354333	28-Nov-95 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20300	F	PC	KGF 010	354333	28-Nov-95 Data																				
20300	F	PC	KGF 010	354333	28-Nov-95 Spike																			<5000.00	
																								0.00	
20300	F	PC	KJD 010	354333	28-Nov-95 Data																				
20300	F	PC	KJD 010	354333	28-Nov-95 Spike																				<1000.00
																									0.00
20200	F	PC	KJB 006	372471	14-Dec-95 Data																				
20200	F	PC	KJB 006	372471	14-Dec-95 Spike																			<5000.00	
																								0.00	
01U903	F	PC	HWJ 019	374121	15-Dec-95 Data	<1.10	<0.54	<1.08	<0.55		<0.30	<2.16	<1.03	<1.03	<0.82	<0.50	<1.17	<0.76	<1.06	<1.00	<3.02				
01U903	F	PC	HWJ 019	374121	15-Dec-95 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20100	F	PC	KIL 008	6980	12-Jan-96 Data																				
20100	F	PC	KIL 008	6980	12-Jan-96 Spike																			<5000.00	
																								0.00	
21000	F	PC	HWO 010	28681	20-Feb-96 Data	<1.10	<0.54	<1.08	<0.55		<0.30	<2.16	<1.03	<1.03	<0.82	<0.50	<1.17	<0.76	<1.06	<1.00	<3.02				
21000	F	PC	HWO 010	28681	20-Feb-96 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
21000	F	PC	KGL 008	28681	20-Feb-96 Data																				
21000	F	PC	KGL 008	28681	20-Feb-96 Spike																			<5000.00	
																								0.00	
21000	F	PC	KGM 008	28681	20-Feb-96 Data																				
21000	F	PC	KGM 008	28681	20-Feb-96 Spike																				<1000.00
																									0.00
20700	F	PC	KGP 006	42994	12-Mar-96 Data																				
20700	F	PC	KGP 006	42994	12-Mar-96 Spike																			5000.00	
																								0.00	
20100	F	PC	KGR 007	61395	12-Apr-96 Data																				
20100	F	PC	KGR 007	61395	12-Apr-96 Spike																			<5000.00	
																								0.00	
20100	F	PC	KGV 002	81841	13-May-96 Data																				
20100	F	PC	KGV 002	81841	13-May-96 Spike																			<5000.00	
																								0.00	
03U096	F	UB	AXNW 014	96U01750	10-Jun-96 Data	<0.82 MIR	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31				
03U096	F	UB	AXNW 014	96U01750	10-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
03U659	F	UB	AXPR 006	96U01758	10-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31				
03U659	F	UB	AXPR 006	96U01758	10-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
04U077	F	UB	AXPV 016	96U01800	12-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31				
04U077	F	UB	AXPV 016	96U01800	12-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
03U805	F	UB	AXPX 016	96U01833	13-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31				
03U805	F	UB	AXPX 016	96U01833	13-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
03U801	F	UB	AXPW 020	96U01823	14-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31				
03U801	F	UB	AXPW 020	96U01823	14-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
03U821	F	UB	AXQX 010	96U01870	18-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31				
03U821	F	UB	AXQX 010	96U01870	18-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
03U023	F	UB	AXRI 015	96U01905	18-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31				
03U023	F	UB	AXRI 015	96U01905	18-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
03U831	F	UB	AXQX 017	96U01877	19-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31				
03U831	F	UB	AXQX 017	96U01877	19-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

Organics QA/QC Data (ug/l)

Sample Location	QC Type (1)	Lab	IRDMIS Lot #	Lab #	Sample Date	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLFTE	CH2CL2	C6H6	MEC6H5	TXYLEN	OILGR	TOC
01U901	F	UB	AXRG 019	96U01864	19-Jun-96 Data																	<1.22	<1.62	<1.53		
01U901	F	UB	AXRG 019	96U01864	19-Jun-96 Spike																	0.00	0.00	0.00		
01U901	F	UB	AXRH 019	96U01864	19-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	NP <0.82	<0.91	<0.82	<1.34	<1.09	NP <0.57	<1.00	<1.00	<8.31					
01U901	F	UB	AXRH 019	96U01864	19-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
03U815	F	UB	AXRK 011	96U01973	21-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
03U815	F	UB	AXRK 011	96U01973	21-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
03M005	F	UB	AXUT 020	96U02097	24-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
03M005	F	UB	AXUT 020	96U02097	24-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
04U879	F	UB	AXUV 010	96U02093	25-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
04U879	F	UB	AXUV 010	96U02093	25-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
03U124	F	UB	AXUW 017	96U02164	26-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
03U124	F	UB	AXUW 017	96U02164	26-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
04U880	F	UB	AXUW 013	96U02257	27-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
04U880	F	UB	AXUW 013	96U02257	27-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
20200	F	UB	AXWZ 008	96U02290	28-Jun-96 Data																				<100.00	
20200	F	UB	AXWZ 008	96U02290	28-Jun-96 Spike																				0.00	
20200	F	UB	AXYN 002	96U02290	28-Jun-96 Data																					<1000.00
20200	F	UB	AXYN 002	96U02290	28-Jun-96 Spike																					0.00
20200	F	UB	AXZI 011	96U02290	28-Jun-96 Data		<1.00	<1.00	<1.00				<1.00		<1.00		<1.00				0.43					
20200	F	UB	AXZI 011	96U02290	28-Jun-96 Spike		0.00	0.00	0.00				0.00		0.00		0.00				0.00					
20400	F	UB	AYGA 004	96U02534	25-Jul-96 Data																				<100.00	
20400	F	UB	AYGA 004	96U02534	25-Jul-96 Spike																				0.00	
20100	F	UB	AYJM 010	96U02794	12-Aug-96 Data																				117.00	
20100	F	UB	AYJM 010	96U02794	12-Aug-96 Spike																				0	
21000	F	UB	AZBH 010	96U03596	04-Sep-96 Data		<1.00	<1.00					<1.00		<1.00						<1.00					
21000	F	UB	AZBH 010	96U03596	04-Sep-96 Spike		0.00	0.00					0.00		0.00						0.00					
21000	F	UB	AZFZ 010	96U03596	04-Sep-96 Data																					<1000.00
21000	F	UB	AZFZ 010	96U03596	04-Sep-96 Spike																					0.00
21000	F	UB	AYZY 010	96U03761	06-Sep-96 Data																				<100.00	
21000	F	UB	AYZY 010	96U03761	06-Sep-96 Spike																				0.00	
04J834	F	UB	AZAD 014	96U03773	09-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
04J834	F	UB	AZAD 014	96U03773	09-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
03U711	F	UB	AZDH 009	96U03900	11-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
03U711	F	UB	AZDH 009	96U03900	11-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
03U003	F	UB	AZDH 023	96U03912	12-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
03U003	F	UB	AZDH 023	96U03912	12-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
01U140	F	UB	AZDW 010	96U03943	12-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
01U140	F	UB	AZDW 010	96U03943	12-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	N	PC	HWJ 025	374105MS	15-Dec-95 Data	12.60	5.53	8.03	6.38		<0.30	<1.90	13.20	12.60	<0.78	5.45	<1.30	<0.72	<1.00	<1.00	<3.20					
	N	PC	HWJ 025	374105MS	15-Dec-95 Spike	10.00	5.00	10.00	5.00		0.00	0.00	10.00	10.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00					
	N	PC	HWJ 026	374105SD	15-Dec-95 Data	12.30	5.26	8.35	4.58		<0.30	<1.90	11.70	10.40	<0.78	4.86	<1.30	<0.72	<1.00	<1.00	<3.20					
	N	PC	HWJ 026	374105SD	15-Dec-95 Spike	10.00	5.00	10.00	5.00		0.00	0.00	10.00	10.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00					
	N	PC	HWQ 005	42498MS	11-Mar-96 Data	10.40	5.59	6.26	5.43		<0.30	<1.90	9.55	10.60	<0.78	4.74	<1.30	<0.72	<1.00	<1.00	<3.20					
	N	PC	HWQ 005	42498MS	11-Mar-96 Spike	10.00	5.00	10.00	5.00		0.00	0.00	10.00	10.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00					

Organics QA/QC Data (ug/l)

Sample Location	QC Type (1)	Lab	IRDMIS Lot #	Lab #	Sample Date	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLFTE	CH2CL2	C6H6	MEC6H5	TXYLEN	OILGR	TOC
	N	PC	HWQ 006	42498SD	11-Mar-96 Data	9.99	5.61	7.69	5.43		<0.30	<1.90	9.96	10.40	<0.78	4.94	<1.30	<0.72	<1.00	<1.00	<3.20					
	N	PC	HWQ 006	42498SD	11-Mar-96 Spike	10.00	5.00	10.00	5.00		0.00	0.00	10.00	10.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00					
	N	UB	AXNK 011	96U01612	04-Jun-96 Data	7.56	8.28	6.93	<0.76			9.68	7.49	<0.78	<0.73	<1.10	<0.99	7.73	<1.00	<1.00	<7.40					
	N	UB	AXNK 011	96U01612	04-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXNK 012	96U01612	04-Jun-96 Data	7.24	7.90	6.84	<0.76			10.90	7.60	<0.78	<0.73	<1.10	<0.99	7.75	<1.00	<1.00	<7.40					
	N	UB	AXNK 012	96U01612	04-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXNL 016	96U01586	04-Jun-96 Data	9.72	16.30	7.89	<0.76			10.10	7.10	<0.78	1.11	<1.10	<0.99	7.45	<1.00	<1.00	<7.40					
	N	UB	AXNL 016	96U01586	04-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXNT 019	96U01698	06-Jun-96 Data	8.07	4900.00	101.00	116.00			9.56	3300.00	<0.78	93.20	3.37	<0.99	12.50	<1.00	<1.00	<7.40					
	N	UB	AXNT 019	96U01698	06-Jun-96 Spike	0.00	4000.00	8.00	0.00			0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	N	UB	AXNT 020	96U01698	06-Jun-96 Data	7.84	4700.00	96.10	120.00			9.80	3300.00	<0.78	93.50	4.67	<0.99	11.50	<1.00	<1.00	<7.40					
	N	UB	AXNT 020	96U01698	06-Jun-96 Spike	0.00	4000.00	8.00	0.00			8.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	N	UB	AXPR 009	96U01760	11-Jun-96 Data	7.66	10.80	8.50	<0.76			4.64	8.71	<0.78	<0.73	<1.10	<0.99	7.87	<1.00	<1.00	<7.40					
	N	UB	AXPR 009	96U01760	11-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXPR 010	96U01760	11-Jun-96 Data	7.15	9.87	9.31	<0.76			4.26	8.07	<0.78	<0.73	<1.10	<0.99	7.74	<1.00	<1.00	<7.40					
	N	UB	AXPR 010	96U01760	11-Jun-96 Spike	8.00	8.00	8.00	0.00			0.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXPU 016	96U01787	12-Jun-96 Data	7.40	7.15	7.80	<0.76			8.72	9.07	<0.78	<0.73	<1.10	<0.99	7.91	<1.00	<1.00	<7.40					
	N	UB	AXPU 016	96U01787	12-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXPU 017	96U01787	12-Jun-96 Data	7.19	7.73	7.37	<0.76			9.18	8.74	<0.78	<0.73	<1.10	<0.99	7.52	<1.00	<1.00	<7.40					
	N	UB	AXPU 017	96U01787	12-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXPV 012	96U01797	12-Jun-96 Data	8.54	1500.00	11.80	93.90			7.92	48.80	<0.78	1.17	<1.10	<0.99	12.40	<1.00	<1.00	<7.40					
	N	UB	AXPV 012	96U01797	12-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXPV 013	96U01797	12-Jun-96 Data	8.63	1500.00	11.50	93.10			10.90	48.50	<0.78	1.56	<1.10	<0.99	13.60	<1.00	<1.00	<7.40					
	N	UB	AXPV 013	96U01797	12-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXPX 010	96U01828	13-Jun-96 Data	7.45	56.60	8.19	<0.76			6.89	10.40	<0.78	1.74	<1.10	<0.99	7.73	<1.00	<1.00	<7.40					
	N	UB	AXPX 010	96U01828	13-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXPX 011	96U01828	13-Jun-96 Data	8.09	58.40	8.63	<0.76			8.34	11.40	<0.78	2.31	<1.10	<0.99	8.50	<1.00	<1.00	<7.40					
	N	UB	AXPX 011	96U01828	13-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXPW 013	96U01817	14-Jun-96 Data	7.88	27.80	7.82	<0.76			8.12	11.80	<0.78	<0.73	<1.10	<0.99	7.80	<1.00	<1.00	<7.40					
	N	UB	AXPW 013	96U01817	14-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXPW 014	96U01817	14-Jun-96 Data	7.21	27.10	7.53	<0.76			9.75	11.70	<0.78	<0.73	<1.10	<0.99	7.84	<1.00	<1.00	<7.40					
	N	UB	AXPW 014	96U01817	14-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXQY 018	96U01894	18-Jun-96 Data	8.80	JR 8.64	6.60	14.10			6.14	8.36	<0.78	<0.73	<1.10	<0.99	8.97	<1.00	<1.00	<7.40					
	N	UB	AXQY 018	96U01894	18-Jun-96 Spike	8.00	8.00	8.00	8.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXQY 019	96U01894	18-Jun-96 Data	8.05	JR 9.53	5.62	13.30			6.26	7.80	<0.78	<0.73	<1.10	<0.99	9.91	<1.00	<1.00	<7.40					
	N	UB	AXQY 019	96U01894	18-Jun-96 Spike	8.00	8.00	8.00	8.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXQZ 007	96U01894	18-Jun-96 Data																					
	N	UB	AXQZ 007	96U01894	18-Jun-96 Spike																	17.50 20.00	17.70 20.00	17.50 20.00		
	N	UB	AXQZ 008	96U01894	18-Jun-96 Data																					
	N	UB	AXQZ 008	96U01894	18-Jun-96 Spike																	19.30 20.00	19.50 20.00	18.90 20.00		
	N	UB	AXRJ 014	96U01922	20-Jun-96 Data	8.34	7.53	6.95	<0.76			7.26	7.76	<0.78	<0.73	<1.10	<0.99	7.16	<1.00	<1.00	<7.40					
	N	UB	AXRJ 014	96U01922	20-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXRJ 015	96U01922	20-Jun-96 Data	7.89	7.75	7.39	<0.76			7.62	7.79	<0.78	<0.73	<1.10	<0.99	6.99	<1.00	<1.00	<7.40					
	N	UB	AXRJ 015	96U01922	20-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					

Sample Location	QC Type (1)	Lab	IRDMIS Lot #	Lab #	Sample Date	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLFTE	CH2CL2	C6H6	MEC6H5	TXYLEN	OILGR	TOC
	N	UB	AXRK 009	96U01972	20-Jun-96 Data	7.53	7.19	7.00	<0.76			10.00	7.46	<0.78	<0.73	<1.10	<0.99	6.21	<1.00	<1.00	<7.40					
	N	UB	AXRK 009	96U01972	20-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXRK 010	96U01972	20-Jun-96 Data	8.08	7.72	6.95	<0.76			9.47	7.36	<0.78	<0.73	<1.10	<0.99	7.10	<1.00	<1.00	<7.40					
	N	UB	AXRK 010	96U01972	20-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXUU 017	96U02109	24-Jun-96 Data	5.80	6.42	5.35	<0.76			5.26	6.77	<0.78	<0.73	<1.10	<0.99	6.29	<1.00	<1.00	<7.40					
	N	UB	AXUU 017	96U02109	24-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXUU 018	96U02109	24-Jun-96 Data	6.10	6.83	5.09	<0.76			5.64	6.75	<0.78	<0.73	<1.10	<0.99	5.83	<1.00	<1.00	<7.40					
	N	UB	AXUU 018	96U02109	24-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXUW 010	96U02255	26-Jun-96 Data	8.78	182.00	16.90	1.07			7.59	24.70	<0.78	8.32	<1.10	<0.99	7.12	<1.00	<1.00	<7.40					
	N	UB	AXUW 010	96U02255	26-Jun-96 Spike	8.00	8.00	8.00	8.00			8.00	8.00	0.00	8.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXUW 011	96U02255	26-Jun-96 Data	9.52	184.00	18.20	1.50			8.81	25.70	<0.78	8.66	<1.10	<0.99	8.04	<1.00	<1.00	<7.40					
	N	UB	AXUW 011	96U02255	26-Jun-96 Spike	8.00	8.00	8.00	8.00			8.00	8.00	0.00	8.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXVC 016	96U02271	28-Jun-96 Data	8.01	98.00	12.40	<0.76			6.95	19.80	<0.78	2.74	<1.10	<0.99	8.54	<1.00	<1.00	<7.40					
	N	UB	AXVC 016	96U02271	28-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	8.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXVC 017	96U02271	28-Jun-96 Data	8.57	95.80	13.10	<0.76			8.03	19.90	<0.78	3.20	<1.10	<0.99	8.57	<1.00	<1.00	<7.40					
	N	UB	AXVC 017	96U02271	28-Jun-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	8.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AXZI 004	96U02284	28-Jun-96 Data		9.20	9.70	<1.00				<1.00		<1.00		<1.00				<1.00					
	N	UB	AXZI 004	96U02284	28-Jun-96 Spike		10.00	10.00	0.00				0.00		0.00		0.00				0.00					
	N	UB	AXZI 005	96U02284	28-Jun-96 Data		9.40	9.60	<1.00				<1.00		<1.00		<1.00				<1.00					
	N	UB	AXZI 005	96U02284	28-Jun-96 Spike		10.00	10.00	0.00				0.00		0.00		0.00				0.00					
	N	UB	AZAD 007	96U03767	09-Sep-96 Data	8.54	38.60	9.96	<0.76			9.66	11.70	<0.78	1.32	<1.10	<0.99	8.33	<1.00	<1.00	<7.40					
	N	UB	AZAD 007	96U03767	09-Sep-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AZAD 008	96U03767	09-Sep-96 Data	8.66	38.10	10.20	<0.76			9.81	11.80	<0.78	1.30	<1.10	<0.99	8.44	<1.00	<1.00	<7.40					
	N	UB	AZAD 008	96U03767	09-Sep-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AZAM 017	96U03809	10-Sep-96 Data	10.60	3900.00	131.00	14.50			9.91	820.00	<0.78	82.90	1.97	<0.99	11.40	<1.00	12.90	<7.40					
	N	UB	AZAM 017	96U03809	10-Sep-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AZAM 018	96U03809	10-Sep-96 Data	10.70	4000.00	128.00	14.50			8.14	860.00	<0.78	83.10	1.80	<0.99	11.40	<1.00	8.43	<7.40					
	N	UB	AZAM 018	96U03809	10-Sep-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AZDH 016	96U03906	12-Sep-96 Data	7.34	290.00	14.60	2.00			6.57	41.40	<0.78	9.43	<1.10	<0.99	8.83	<1.00	<1.00	<7.40					
	N	UB	AZDH 016	96U03906	12-Sep-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AZDH 017	96U03906	12-Sep-96 Data	7.06	290.00	14.60	2.01			6.75	40.70	<0.78	9.58	<1.10	<0.99	8.84	<1.00	<1.00	<7.40					
	N	UB	AZDH 017	96U03906	12-Sep-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AZDW 014	96U03946	13-Sep-96 Data	9.19	8.82	7.87	<0.76			7.63	7.10	<0.78	<0.73	<1.10	<0.99	7.97	<1.00	<1.00	<7.40					
	N	UB	AZDW 014	96U03946	13-Sep-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AZDW 015	96U03946	13-Sep-96 Data	9.35	8.79	7.81	<0.76			6.68	7.30	<0.78	<0.73	<1.10	<0.99	8.05	<1.00	<1.00	<7.40					
	N	UB	AZDW 015	96U03946	13-Sep-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AZET 011	96U04016	17-Sep-96 Data	7.60	7.99	7.04	<0.76			6.05	6.70	<0.78	<0.73	<1.10	<0.99	6.85	<1.00	<1.00	<7.40					
	N	UB	AZET 011	96U04016	17-Sep-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	N	UB	AZET 012	96U04016	17-Sep-96 Data	7.81	8.40	7.31	<0.76			6.38	6.97	<0.78	<0.73	<1.10	<0.99	7.07	<1.00	<1.00	<7.40					
	N	UB	AZET 012	96U04016	17-Sep-96 Spike	8.00	8.00	8.00	0.00			8.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00					
	R	PC	HWJ 022	374156	15-Dec-95 Data	<1.10	<0.54	<1.08	<0.55		<0.30	<2.16	<1.03	<1.03	<0.82	<0.50	<1.17	<0.76	<1.06	<1.00	<3.02					
	R	PC	HWJ 022	374156	15-Dec-95 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	PC	HWR 014	42463	11-Mar-96 Data	<1.10	<0.54	<1.08	<0.55		<0.30	<2.16	<1.03	<1.03	<0.82	<0.50	<1.17	<0.76	<1.06	<1.00	<3.02					
	R	PC	HWR 014	42463	11-Mar-96 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					

Sample Location	QC Type (1)	Lab	IRDMIS Lot #	Lab #	Sample Date	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLFTE	CH2CL2	C6H6	MEC6H5	TXYLEN	OILGR	TOC
	R	UB	AXNJ 014	96U01600	03-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXNJ 014	96U01600	03-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXNK 016	96U01616	04-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXNK 016	96U01616	04-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXNL 011	96U01582	04-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXNL 011	96U01582	04-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXNT 015	96U01695	05-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXNT 015	96U01695	05-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXNU 012	96U01733	06-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXNU 012	96U01733	06-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXNV 013	96U01706	06-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXNV 013	96U01706	06-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXPU 006	96U01778	11-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXPU 006	96U01778	11-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXPV 010	96U01796	12-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXPV 010	96U01796	12-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXPW 006	96U01806	12-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXPW 006	96U01806	12-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXPX 008	96U01827	13-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXPX 008	96U01827	13-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXPX 013	96U01830	13-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXPX 013	96U01830	13-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXQX 007	96U01867	18-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXQX 007	96U01867	18-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXQY 012	96U01889	18-Jun-96 Data	<0.82	JR <0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXQY 012	96U01889	18-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXRI 011	96U01901	18-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXRI 011	96U01901	18-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXQX 014	96U01874	19-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXQX 014	96U01874	19-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXRJ 008	96U01917	20-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXRJ 008	96U01917	20-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXRK 013	96U01929	21-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXRK 013	96U01929	21-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXUT 005	96U02085	24-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXUT 005	96U02085	24-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXUU 009	96U02102	24-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXUU 009	96U02102	24-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AXUW 006	96U02252	26-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AXUW 006	96U02252	26-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AZAD 012	96U03771	09-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AZAD 012	96U03771	09-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AZAN 011	96U03817	10-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AZAN 011	96U03817	10-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					

Sample Location	QC Type (1)	Lab	IRDMIS Lot #	Lab #	Sample Date	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLFTE	CH2CL2	C6H6	MEC6H5	TXYLEN	OILGR	TOC
	R	UB	AZAN 018	96U03824	10-Sep-96 Data	<0.82	1.43	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AZAN 018	96U03824	10-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AZDH 021	96U03910	12-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AZDH 021	96U03910	12-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AZDV 019	96U03934	12-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AZDV 019	96U03934	12-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AZDW 016	96U03947	13-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AZDW 016	96U03947	13-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	R	UB	AZET 006	96U04012	16-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	R	UB	AZET 006	96U04012	16-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWG 005	296724	03-Oct-95 Data	<1.00	0.63	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
	T	PC	HWG 005	296724	03-Oct-95 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	IP	EXM 004	6681-01	11-Oct-95 Data	<2.41	<1.04	<1.01		<0.89	<1.06	<4.10	<1.16	<1.52	<0.97	<4.63	<1.20	<1.08	<3.94	<4.47	<1.41					
	T	IP	EXM 004	6681-01	11-Oct-95 Spike	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWH 010	334324	07-Nov-95 Data	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
	T	PC	HWH 010	334324	07-Nov-95 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWI 018	355216	28-Nov-95 Data	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	1.95					
	T	PC	HWI 018	355216	28-Nov-95 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWI 022	354341	28-Nov-95 Data	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	2.71					
	T	PC	HWI 022	354341	28-Nov-95 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWJ 004	360635	05-Dec-95 Data	<1.10	<0.54	<1.08	<0.55		<0.30	<2.16	0.66	<1.03	<0.82	<0.50	<1.17	<0.76	<1.06	<1.00	<3.02					
	T	PC	HWJ 004	360635	05-Dec-95 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWK 004	374172	15-Dec-95 Data	<1.00	<0.50	<1.00	0.50		<0.30	<1.90	1.13	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
	T	PC	HWK 004	374172	15-Dec-95 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWL 007	337	02-Jan-96 Data	<1.00	0.60	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
	T	PC	HWL 007	337	02-Jan-96 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWL 010	6998	12-Jan-96 Data	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
	T	PC	HWL 010	6998	12-Jan-96 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWN 007	18767	06-Feb-96 Data	<1.00	<0.50	<1.00	<0.50		<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20					
	T	PC	HWN 007	18767	06-Feb-96 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWP 011	37869	07-Mar-96 Data	<1.10	<0.54	<1.08	<0.55		<0.30	<2.16	<1.03	<1.03	<0.82	<0.50	<1.17	<0.76	<1.06	<1.00	<3.02					
	T	PC	HWP 011	37869	07-Mar-96 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWR 019	42625	11-Mar-96 Data	<1.10	<0.54	<1.08	<0.55		<0.30	<2.16	<1.03	<1.03	<0.82	<0.50	<1.17	<0.76	<1.06	<1.00	<3.02					
	T	PC	HWR 019	42625	11-Mar-96 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWS 008	55557	02-Apr-96 Data	<1.10	<0.54	<1.08	<0.55		<0.30	<2.16	<1.03	<1.03	<0.82	<0.50	<1.17	<0.76	<1.06	<1.00	<3.02					
	T	PC	HWS 008	55557	02-Apr-96 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWS 011	55603	02-Apr-96 Data	<1.10	<0.54	<1.08	<0.55		<0.30	<2.16	<1.03	<1.03	<0.82	<0.50	<1.17	<0.76	<1.06	<1.00	<3.02					
	T	PC	HWS 011	55603	02-Apr-96 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	PC	HWS 013	58840	09-Apr-96 Data	<1.10	<0.54		<0.55																	
	T	PC	HWS 013	58840	09-Apr-96 Spike	0.00	0.00		0.00																	
	T	PC	HWT 007	77348	07-May-96 Data	<1.10	<0.54	<1.08	<0.55		<0.30	<2.16	<1.03	<1.03	<0.82	<0.50	<1.17	<0.76	<1.06	<1.00	2.05					
	T	PC	HWT 007	77348	07-May-96 Spike	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXNL 018	96U01587	04-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXNL 018	96U01587	04-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					

Sample Location	QC Type (1)	Lab	IRDMIS Lot #	Lab #	Sample Date	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLFTE	CH2CL2	C6H6	MEC6H5	TXYLEN	OILGR	TOC
	T	UB	AXOC 003	96U01590	04-Jun-96 Data	<0.93	<1.00	<1.10	<5.10			<14.00	<0.98	<0.93	<1.10	<1.00	<0.92	<1.00	<1.10		<1.00	<0.78	<1.00	<2.00		
	T	UB	AXOC 003	96U01590	04-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00		
	T	UB	AXNV 005	96U01742	06-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			3.25	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXNV 005	96U01742	06-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXPR 020	96U01725	06-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXPR 020	96U01725	06-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXPX 005	96U01824	14-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXPX 005	96U01824	14-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXRI 016	96U01906	18-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXRI 016	96U01906	18-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXQY 008	96U01884	19-Jun-96 Data	<0.82	JR <0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXQY 008	96U01884	19-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXRI 018	96U01865	19-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXRI 018	96U01865	19-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXRK 020	96U01936	21-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXRK 020	96U01936	21-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXUT 018	96U01981	21-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXUT 018	96U01981	21-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXUV 012	96U02095	25-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXUV 012	96U02095	25-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXUV 020	96U02119	25-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXUV 020	96U02119	25-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXUW 020	96U02167	26-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXUW 020	96U02167	26-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AXWS 006	96U02275	28-Jun-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AXWS 006	96U02275	28-Jun-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AYZB 008	96U03540	03-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AYZB 008	96U03540	03-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AYZB 012	96U03542	03-Sep-96 Data	L <0.82	L <0.62	L <1.91	L <0.82			L <0.86	L <0.82	L <0.91	L <0.82	L <1.34	L <1.09	L <0.57	L <1.00	L <1.00	L <8.31					
	T	UB	AYZB 012	96U03542	03-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AYZB 014	96U03541	03-Sep-96 Data	<0.82	<0.62		<0.82																	
	T	UB	AYZB 014	96U03541	03-Sep-96 Spike	0.00	0.00		0.00																	
	T	UB	AZBH 011	96U03641	04-Sep-96 Data		<1.00	<1.00					<1.00		<1.00						1.60					
	T	UB	AZBH 011	96U03641	04-Sep-96 Spike		0.00	0.00					0.00		0.00						0.00					
	T	UB	AZAD 017	96U03776	10-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AZAD 017	96U03776	10-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AZAN 019	96U03825	10-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AZAN 019	96U03825	10-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AZDV 008	96U03917	11-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AZDV 008	96U03917	11-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AZDH 024	96U03913	12-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AZDH 024	96U03913	12-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
	T	UB	AZDW 023	96U03989	13-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AZDW 023	96U03989	13-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					

Organics QA/QC Data (ug/l)

Sample Location	QC Type (1)	Lab	IRDMIS Lot #	Lab #	Sample Date	TCLEE	TRCLE	11DCE	12DCE	C12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLFTE	CH2CL2	C6H6	MEC6H5	TXYLEN	OILGR	TOC
	T	UB	AZET 016	96U04021	17-Sep-96 Data	<0.82	<0.62	<1.91	<0.82			<0.86	<0.82	<0.91	<0.82	<1.34	<1.09	<0.57	<1.00	<1.00	<8.31					
	T	UB	AZET 016	96U04021	17-Sep-96 Spike	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					

D.2 Inorganics QA/QC Data

Notes:

(1) Under QC Type

F = Field Blank
N = Matrix Blank
S = Spike Blank

Inorganics QA/QC Data

Site ID	QC Type (1)	Lab	Sample Date		AG (ug/l)	AS (ug/l)	BA (ug/l)	BE (ug/l)	CD (ug/l)	CR (ug/l)	CU (ug/l)	MN (ug/l)	NI (ug/l)	PB (ug/l)	SB (ug/l)	SE (ug/l)	TL (ug/l)	ZN (ug/l)	HG (ug/l)	CL (ug/l)
20500	F	IP	10-Oct-95	Data																<10.00
20500	F	IP	10-Oct-95	Spike																0.00
20500	F	IP	10-Oct-95	Lot #																EWP 019
	F	IP	11-Oct-95	Data	<1.93	<4.81	<20.00	<1.47	<0.10	<2.18	3.35	<3.00	<5.94	IR <2.65	<10.00	<3.06	<2.70	<29.40	<0.70	
	F	IP	11-Oct-95	Spike	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	F	IP	11-Oct-95	Lot #	EXE 131	EWV 055	EWW 005	EWX 168	EWY 088	EWZ 005	EXA 022	EXH 005	EXC 027	EXB 059	EWU 040	EXD 093	EXF 023	EXG 046	EXI 007	
20300	F	PC	28-Nov-95	Data	<12.50				<5.00	<15.00	<20.00		<63.10					<13.00		<1000.00
20300	F	PC	28-Nov-95	Spike	0.00				0.00	0.00	0.00		0.00					0.00		0.00
20300	F	PC	28-Nov-95	Lot #	IRL 015				IRL 015	IRL 015	IRL 015		IRL 015					IRL 015		FVZ 013
20300	F	IP	28-Nov-95	Data																
20300	F	IP	28-Nov-95	Spike																
20300	F	IP	28-Nov-95	Lot #																
20200	F	PC	14-Dec-95	Data																<1000.00
20200	F	PC	14-Dec-95	Spike																0.00
20200	F	PC	14-Dec-95	Lot #																KJB 009
20200	F	PC	14-Dec-95	Data																
20200	F	PC	14-Dec-95	Spike																
20200	F	PC	14-Dec-95	Lot #																
20100	F	PC	12-Jan-96	Data																2000.00
20100	F	PC	12-Jan-96	Spike																0.00
20100	F	PC	12-Jan-96	Lot #																KIK 009
21000	F	PC	20-Feb-96	Data	<12.00				<5.10	<15.30	<20.10		<5.00	<102.00				<13.20	<0.75	<1000.00
21000	F	PC	20-Feb-96	Spike	0.00				0.00	0.00	0.00		0.00	0.00				0.00	0.00	0.00
21000	F	PC	20-Feb-96	Lot #	IRO 014				IRO 014	IRO 014	IRO 014		EXU 011	IRO 014				IRO 014	JDU 009	KIQ 011
21000	F	IP	20-Feb-96	Data																
21000	F	IP	20-Feb-96	Spike																
21000	F	IP	20-Feb-96	Lot #																
20700	F	PC	12-Mar-96	Data																<1000.00
20700	F	PC	12-Mar-96	Spike																0.00
20700	F	PC	12-Mar-96	Lot #																KIW 009
20100	F	PC	12-Apr-96	Data																<1000.00
20100	F	PC	12-Apr-96	Spike																0.00
20100	F	PC	12-Apr-96	Lot #																KKB 010
20100	F	PC	13-May-96	Data																<1000.00
20100	F	PC	13-May-96	Spike																0.00
20100	F	PC	13-May-96	Lot #																KKI 005
20200	F	IP	27-Jun-96	Data																
20200	F	IP	27-Jun-96	Spike																
20200	F	IP	27-Jun-96	Lot #																
20200	F	UB	27-Jun-96	Data																<100.00
20200	F	UB	27-Jun-96	Spike																0.00
20200	F	UB	27-Jun-96	Lot #																AXXI 008

Inorganics QA/QC Data

Site ID	QC Type (1)	Lab	Sample Date		CYN (ug/l)	NIT (ug/l)	NH3N2 (ug/l)	COD (ug/l)	BOD (ug/l)	COLI CPML	TSS (ug/l)	TPO4 (ug/l)	PO4ORT (ug/l)	ALPHAG pC/l	BETAG pC/l	K40 pC/l	PB210 pC/l	RA226 pC/l	RA228 pC/l
20500	F	IP	10-Oct-95	Data							<1000.00	<5.00	<12.10						
20500	F	IP	10-Oct-95	Spike							0.00	0.00	0.00						
20500	F	IP	10-Oct-95	Lot #							EWO 010	EWN 011	EWM 019						
	F	IP	11-Oct-95	Data		49.50						<5.00	<12.10						
	F	IP	11-Oct-95	Spike		0.00						0.00	0.00						
	F	IP	11-Oct-95	Lot #		EXJ 026						EXL 005	EXK 026						
20300	F	PC	28-Nov-95	Data	<8.17		100.00	<50000.00			<10000.00	<50.00	<20.00						
20300	F	PC	28-Nov-95	Spike	0.00		0.00	0.00			0.00	0.00	0.00						
20300	F	PC	28-Nov-95	Lot #	IMQ 015		KIG 015	KGH 014			AKL 009	FVY 013	FVX 014						
20300	F	IP	28-Nov-95	Data					4000.00	<10.00									
20300	F	IP	28-Nov-95	Spike					0.00	0.00									
20300	F	IP	28-Nov-95	Lot #					EXO 014	EXN 015									
20200	F	PC	14-Dec-95	Data							<10000.00		<20.00						
20200	F	PC	14-Dec-95	Spike							0.00		0.00						
20200	F	PC	14-Dec-95	Lot #							KJA 006		KIE 002						
20200	F	PC	14-Dec-95	Data									<20.00						
20200	F	PC	14-Dec-95	Spike									0.00						
20200	F	PC	14-Dec-95	Lot #									KIE 003						
20100	F	PC	12-Jan-96	Data							<10000.00	<50.00	<10.00						
20100	F	PC	12-Jan-96	Spike							0.00	0.00	0.00						
20100	F	PC	12-Jan-96	Lot #							KGG 007	KIJA 010	KIJ 002						
21000	F	PC	20-Feb-96	Data	<8.17		100.00	<50000.00			<10000.00	<50.00	<20.00						
21000	F	PC	20-Feb-96	Spike	0.00		0.00	0.00			0.00	0.00	0.00						
21000	F	PC	20-Feb-96	Lot #	IMR 013		KIR 011	KGK 011			KGJ 010	KIP 011	KIO 011						
21000	F	IP	20-Feb-96	Data					<4000.00	<1.00									
21000	F	IP	20-Feb-96	Spike					0.00	0.00									
21000	F	IP	20-Feb-96	Lot #					EXQ 008	EXP 009									
20700	F	PC	12-Mar-96	Data							<10000.00	<50.00	<20.00						
20700	F	PC	12-Mar-96	Spike							0.00	0.00	0.00						
20700	F	PC	12-Mar-96	Lot #							KGO 007	KIU 009	KIT 009						
20100	F	PC	12-Apr-96	Data							<10000.00	<50.00	<20.00						
20100	F	PC	12-Apr-96	Spike							0.00	0.00	0.00						
20100	F	PC	12-Apr-96	Lot #							KGQ 008	KKA 010	KIZ 010						
20100	F	PC	13-May-96	Data							28000.00	<50.00	<20.00						
20100	F	PC	13-May-96	Spike							0.00	0.00	0.00						
20100	F	PC	13-May-96	Lot #							KGT 003	KKG 005	KKH 005						
20200	F	IP	27-Jun-96	Data					<4.00	<10.00									
20200	F	IP	27-Jun-96	Spike					0.00	0.00									
20200	F	IP	27-Jun-96	Lot #					EXS 008	EXR 008									
20200	F	UB	27-Jun-96	Data							<4000.00		<500.00						
20200	F	UB	27-Jun-96	Spike							0.00		0.00						
20200	F	UB	27-Jun-96	Lot #							AXWE 008		AXXJ 008						

Inorganics QA/QC Data

Site ID	QC Type (1)	Lab	Sample Date		AG (ug/l)	AS (ug/l)	BA (ug/l)	BE (ug/l)	CD (ug/l)	CR (ug/l)	CU (ug/l)	MN (ug/l)	NI (ug/l)	PB (ug/l)	SB (ug/l)	SE (ug/l)	TL (ug/l)	ZN (ug/l)	HG (ug/l)	CL (ug/l)
20200	F	UB	28-Jun-96	Data	<10.00				6.01	<10.00	<20.00		<40.00	<100.00				<20.00		
20200	F	UB	28-Jun-96	Spike	0.00				0.00	0.00	0.00		0.00	0.00				0.00		
20200	F	UB	28-Jun-96	Lot #	AXVZ 012				AXVZ 012	AXVZ 012	AXVZ 012		AXVZ 012	AXVZ 012				AXVZ 012		
20400	F	UB	25-Jul-96	Data																
20400	F	UB	25-Jul-96	Spike																
20400	F	UB	25-Jul-96	Lot #																
20400	F	UB	30-Jul-96	Data																<100.00
20400	F	UB	30-Jul-96	Spike																0.00
20400	F	UB	30-Jul-96	Lot #																AYDQ 004
20100	F	UB	12-Aug-96	Data															<0.20	<100.00
20100	F	UB	12-Aug-96	Spike															0.00	0.00
20100	F	UB	12-Aug-96	Lot #															AYKI 020	AYHE 010
21000	F	IP	04-Sep-96	Data																
21000	F	IP	04-Sep-96	Spike																
21000	F	IP	04-Sep-96	Lot #																
21000	F	UB	04-Sep-96	Data	10.80				<5.00	<10.00	<20.00		<40.00	<100.00				<20.00	<0.20	<1000.00
21000	F	UB	04-Sep-96	Spike	0.00				0.00	0.00	0.00		0.00	0.00				0.00	0.00	0.00
21000	F	UB	04-Sep-96	Lot #	AYYT 014				AYYT 014	AYYT 014	AYYT 014		AYYT 014	AYYT 014				AYYT 014	AZBI 010	AYZP 010
	N	PC	28-Nov-95	Data															4.72	
	N	PC	28-Nov-95	Spike															5.00	
	N	PC	28-Nov-95	Lot #															JDP 005	
	N	PC	28-Nov-95	Data															4.86	
	N	PC	28-Nov-95	Spike															5.00	
	N	PC	28-Nov-95	Lot #															JDP 006	
	N	PC	28-Nov-95	Data					200.00	415.00	410.00		1510.00	980.00				1710.00		30000.00
	N	PC	28-Nov-95	Spike					200.00	400.00	400.00		1500.00	1000.00				1700.00		4000.00
	N	PC	28-Nov-95	Lot #					IRL 008	IRL 008	IRL 008		IRL 008	IRL 008				IRL 008		FVZ 006
	N	PC	28-Nov-95	Data					197.00	416.00	410.00		1530.00	978.00				1720.00		30000.00
	N	PC	28-Nov-95	Spike					200.00	400.00	400.00		1500.00	1000.00				1700.00		4000.00
	N	PC	28-Nov-95	Lot #					IRL 009	IRL 009	IRL 009		IRL 009	IRL 009				IRL 009		FVZ 007
	N	PC	14-Dec-95	Data																53000.00
	N	PC	14-Dec-95	Spike																2000.00
	N	PC	14-Dec-95	Lot #																KIB 003
	N	PC	14-Dec-95	Data																
	N	PC	14-Dec-95	Spike																
	N	PC	14-Dec-95	Lot #																
	N	PC	15-Dec-95	Data															5.37	
	N	PC	15-Dec-95	Spike															5.00	
	N	PC	15-Dec-95	Lot #															JDQ 005	
	N	PC	15-Dec-95	Data															5.47	
	N	PC	15-Dec-95	Spike															5.00	
	N	PC	15-Dec-95	Lot #															JDQ 006	

Inorganics QA/QC Data

Site ID	QC Type (1)	Lab	Sample Date		CYN (ug/l)	NIT (ug/l)	NH3N2 (ug/l)	COD (ug/l)	BOD (ug/l)	COLI CPML	TSS (ug/l)	TPO4 (ug/l)	PO4ORT (ug/l)	ALPHAG pC/l	BETAG pC/l	K40 pC/l	PB210 pC/l	RA226 pC/l	RA228 pC/l
20200	F	UB	28-Jun-96	Data	<5.00		<50.00	<10000.00				<10.00		0.07	<0.39	22.00	130.00	5.30	8.90
20200	F	UB	28-Jun-96	Spike	0.00		0.00	0.00				0.00		0.00	0.00	0.00	0.00	0.00	0.00
20200	F	UB	28-Jun-96	Lot #	AXWB 014		AXXA 008	AXYR 008				AXZR 011		AXZZ 010	AXZZ 010	AXZJ 011	AXZJ 011	AXZJ 011	AXZJ 011
20400	F	UB	25-Jul-96	Data							<4000.00	<8.20							
20400	F	UB	25-Jul-96	Spike							0.00	0.00							
20400	F	UB	25-Jul-96	Lot #							AZME 004	AYFW 005							
20400	F	UB	30-Jul-96	Data									<500.00						
20400	F	UB	30-Jul-96	Spike									0.00						
20400	F	UB	30-Jul-96	Lot #									AYDP 004						
20100	F	UB	12-Aug-96	Data							<4000.00	<10.00	<500.00						
20100	F	UB	12-Aug-96	Spike							0.00	0.00	0.00						
20100	F	UB	12-Aug-96	Lot #							AYSO 010	AYWF 010	AYHD 010						
21000	F	IP	04-Sep-96	Data					<8.00	<10.00									
21000	F	IP	04-Sep-96	Spike					0.00	0.00									
21000	F	IP	04-Sep-96	Lot #					EXU 010	EXT 010									
21000	F	UB	04-Sep-96	Data	<10.00		<50.00	<10000.00			<4000.00	<10.00	<500.00						
21000	F	UB	04-Sep-96	Spike	0.00		0.00	0.00			0.00	0.00	0.00						
21000	F	UB	04-Sep-96	Lot #	AYZN 010		AZDR 010	AYZL 010			AYYU 010	AYXC 010	AYZF 010						
	N	PC	28-Nov-95	Data			4660.00												
	N	PC	28-Nov-95	Spike			5000.00												
	N	PC	28-Nov-95	Lot #			KIG 003												
	N	PC	28-Nov-95	Data			4830.00												
	N	PC	28-Nov-95	Spike			5000.00												
	N	PC	28-Nov-95	Lot #			KIG 004												
	N	PC	28-Nov-95	Data	76.00		4430.00	201000.00				577.00	534.00						
	N	PC	28-Nov-95	Spike	80.00		5000.00	200000.00				500.00	500.00						
	N	PC	28-Nov-95	Lot #	IMQ 005		KIG 008	KGH 005				FVY 004	FVX 006						
	N	PC	28-Nov-95	Data	75.40		4640.00	200000.00					525.00						
	N	PC	28-Nov-95	Spike	80.00		5000.00	200000.00					500.00						
	N	PC	28-Nov-95	Lot #	IMQ 006		KIG 009	KGH 006					FVX 007						
	N	PC	14-Dec-95	Data								576.00							
	N	PC	14-Dec-95	Spike								500.00							
	N	PC	14-Dec-95	Lot #								KID 004							
	N	PC	14-Dec-95	Data									502.00						
	N	PC	14-Dec-95	Spike									500.00						
	N	PC	14-Dec-95	Lot #									KIE 004						
	N	PC	15-Dec-95	Data				238000.00											
	N	PC	15-Dec-95	Spike				250000.00											
	N	PC	15-Dec-95	Lot #				KGZ 003											
	N	PC	15-Dec-95	Data															
	N	PC	15-Dec-95	Spike															
	N	PC	15-Dec-95	Lot #															

Inorganics QA/QC Data

Site ID	QC Type (1)	Lab	Sample Date		AG (ug/l)	AS (ug/l)	BA (ug/l)	BE (ug/l)	CD (ug/l)	CR (ug/l)	CU (ug/l)	MN (ug/l)	NI (ug/l)	PB (ug/l)	SB (ug/l)	SE (ug/l)	TL (ug/l)	ZN (ug/l)	HG (ug/l)	CL (ug/l)
	N	PC	12-Jan-96	Data																46000.00
	N	PC	12-Jan-96	Spike																10000.00
	N	PC	12-Jan-96	Lot #																KIK 004
	N	PC	12-Jan-96	Data																
	N	PC	12-Jan-96	Spike																
	N	PC	12-Jan-96	Lot #																
	N	PC	12-Jan-96	Data																
	N	PC	12-Jan-96	Spike																
	N	PC	12-Jan-96	Lot #																
	N	PC	16-Jan-96	Data															6.54	
	N	PC	16-Jan-96	Spike															5.00	
	N	PC	16-Jan-96	Lot #															JDS 005	
	N	PC	16-Jan-96	Data															6.50	
	N	PC	16-Jan-96	Spike															5.00	
	N	PC	16-Jan-96	Lot #															JDS 006	
	N	PC	20-Feb-96	Data									22.90	10.10						40200.00
	N	PC	20-Feb-96	Spike									25.00	10.00						4000.00
	N	PC	20-Feb-96	Lot #									EXU 003	KEF 003						KIQ 004
	N	PC	20-Feb-96	Data									23.80	10.00						
	N	PC	20-Feb-96	Spike									25.00	10.00						
	N	PC	20-Feb-96	Lot #									EXU 004	KEF 004						
	N	PC	20-Feb-96	Data															5.15	
	N	PC	20-Feb-96	Spike															5.00	
	N	PC	20-Feb-96	Lot #															JDU 005	
	N	PC	20-Feb-96	Data															5.09	
	N	PC	20-Feb-96	Spike															5.00	
	N	PC	20-Feb-96	Lot #															JDU 006	
	N	PC	20-Feb-96	Data					188.00	385.00	392.00							1680.00		
	N	PC	20-Feb-96	Spike					200.00	400.00	400.00							1700.00		
	N	PC	20-Feb-96	Lot #					IRO 009	IRO 009	IRO 009							IRO 009		
	N	PC	20-Feb-96	Data					191.00	382.00	396.00							1690.00		
	N	PC	20-Feb-96	Spike					200.00	400.00	400.00							1700.00		
	N	PC	20-Feb-96	Lot #					IRO 010	IRO 010	IRO 010							IRO 010		
	N	PC	07-Mar-96	Data															4.92	
	N	PC	07-Mar-96	Spike															5.00	
	N	PC	07-Mar-96	Lot #															JDV 005	
	N	PC	07-Mar-96	Data															4.89	
	N	PC	07-Mar-96	Spike															5.00	
	N	PC	07-Mar-96	Lot #															JDV 006	
	N	PC	11-Mar-96	Data															5.28	
	N	PC	11-Mar-96	Spike															5.00	
	N	PC	11-Mar-96	Lot #															JDW 005	

Inorganics QA/QC Data

Site ID	QC Type (1)	Lab	Sample Date		CYN (ug/l)	NIT (ug/l)	NH3N2 (ug/l)	COD (ug/l)	BOD (ug/l)	COLI CPML	TSS (ug/l)	TPO4 (ug/l)	PO4ORT (ug/l)	ALPHAG pC/l	BETAG pC/l	K40 pC/l	PB210 pC/l	RA226 pC/l	RA228 pC/l
	N	PC	12-Jan-96	Data								540.00							
	N	PC	12-Jan-96	Spike								500.00							
	N	PC	12-Jan-96	Lot #								KIJA 004							
	N	PC	12-Jan-96	Data									60.00						
	N	PC	12-Jan-96	Spike									50.00						
	N	PC	12-Jan-96	Lot #									KIJ 003						
	N	PC	12-Jan-96	Data									60.00						
	N	PC	12-Jan-96	Spike									50.00						
	N	PC	12-Jan-96	Lot #									KIJ 004						
	N	PC	16-Jan-96	Data															
	N	PC	16-Jan-96	Spike															
	N	PC	16-Jan-96	Lot #															
	N	PC	16-Jan-96	Data															
	N	PC	16-Jan-96	Spike															
	N	PC	16-Jan-96	Lot #															
	N	PC	20-Feb-96	Data	67.80		5410.00	204000.00				4940.00	4780.00						
	N	PC	20-Feb-96	Spike	80.00		5000.00	200000.00				5000.00	5000.00						
	N	PC	20-Feb-96	Lot #	IMR 005		KIR 004	KGK 004				KIP 004	KIO 004						
	N	PC	20-Feb-96	Data	68.90														
	N	PC	20-Feb-96	Spike	80.00														
	N	PC	20-Feb-96	Lot #	IMR 006														
	N	PC	20-Feb-96	Data															
	N	PC	20-Feb-96	Spike															
	N	PC	20-Feb-96	Lot #															
	N	PC	20-Feb-96	Data															
	N	PC	20-Feb-96	Spike															
	N	PC	20-Feb-96	Lot #															
	N	PC	20-Feb-96	Data															
	N	PC	20-Feb-96	Spike															
	N	PC	20-Feb-96	Lot #															
	N	PC	20-Feb-96	Data															
	N	PC	20-Feb-96	Spike															
	N	PC	20-Feb-96	Lot #															
	N	PC	07-Mar-96	Data				250000.00											
	N	PC	07-Mar-96	Spike				250000.00											
	N	PC	07-Mar-96	Lot #				KIV 003											
	N	PC	07-Mar-96	Data															
	N	PC	07-Mar-96	Spike															
	N	PC	07-Mar-96	Lot #															
	N	PC	11-Mar-96	Data															
	N	PC	11-Mar-96	Spike															
	N	PC	11-Mar-96	Lot #															

Inorganics QA/QC Data

Site ID	QC Type (1)	Lab	Sample Date		AG (ug/l)	AS (ug/l)	BA (ug/l)	BE (ug/l)	CD (ug/l)	CR (ug/l)	CU (ug/l)	MN (ug/l)	NI (ug/l)	PB (ug/l)	SB (ug/l)	SE (ug/l)	TL (ug/l)	ZN (ug/l)	HG (ug/l)	CL (ug/l)
	N	PC	11-Mar-96	Data															5.26	
	N	PC	11-Mar-96	Spike															5.00	
	N	PC	11-Mar-96	Lot #															JDW 006	
	N	PC	11-Mar-96	Data			740.00	108.00	202.00	408.00	450.00		1510.00	970.00	1000.00	1480.00	970.00	2770.00		
	N	PC	11-Mar-96	Spike			400.00	100.00	200.00	400.00	400.00		1500.00	1000.00	1000.00	1500.00	1000.00	1700.00		
	N	PC	11-Mar-96	Lot #			IRP 007	IRP 007	IRP 007	IRP 007	IRP 007		IRP 007	IRP 007	IRP 007	IRP 007	IRP 007	IRP 007		
	N	PC	11-Mar-96	Data			730.00	108.00	194.00	403.00	449.00		1490.00	979.00	984.00	1450.00	1030.00	2760.00		
	N	PC	11-Mar-96	Spike			400.00	100.00	200.00	400.00	400.00		1500.00	1000.00	1000.00	1500.00	1000.00	1700.00		
	N	PC	11-Mar-96	Lot #			IRP 008	IRP 008	IRP 008	IRP 008	IRP 008		IRP 008	IRP 008	IRP 008	IRP 008	IRP 008	IRP 008		
	N	PC	12-Mar-96	Data																
	N	PC	12-Mar-96	Spike																
	N	PC	12-Mar-96	Lot #																
	N	PC	12-Mar-96	Data																90000.00
	N	PC	12-Mar-96	Spike																2000.00
	N	PC	12-Mar-96	Lot #																KIW 004
	N	PC	12-Apr-96	Data																35600.00
	N	PC	12-Apr-96	Spike																10000.00
	N	PC	12-Apr-96	Lot #																KKB 004
	N	PC	13-May-96	Data																68000.00
	N	PC	13-May-96	Spike																25000.00
	N	PC	13-May-96	Lot #																KKI 004
	N	PC	23-May-96	Data															5.26	
	N	PC	23-May-96	Spike															5.00	
	N	PC	23-May-96	Lot #															JDZ 005	
	N	PC	23-May-96	Data															6.29	
	N	PC	23-May-96	Spike															5.00	
	N	PC	23-May-96	Lot #															JDZ 006	
	N	UB	19-Jun-96	Data													15.50			
	N	UB	19-Jun-96	Spike													25.00			
	N	UB	19-Jun-96	Lot #													AXQG 004			
	N	UB	19-Jun-96	Data											47.10					
	N	UB	19-Jun-96	Spike											50.00					
	N	UB	19-Jun-96	Lot #											AXQH 005					
	N	UB	19-Jun-96	Data											49.80					
	N	UB	19-Jun-96	Spike											50.00					
	N	UB	19-Jun-96	Lot #											AXQH 006					
	N	UB	28-Jun-96	Data																
	N	UB	28-Jun-96	Spike																
	N	UB	28-Jun-96	Lot #																
	N	UB	28-Jun-96	Data															1.06	
	N	UB	28-Jun-96	Spike															1.00	
	N	UB	28-Jun-96	Lot #															AXWG 004	
	N	UB	28-Jun-96	Data															1.08	
	N	UB	28-Jun-96	Spike															1.00	
	N	UB	28-Jun-96	Lot #															AXWG 005	

Inorganics QA/QC Data

Site ID	QC Type (1)	Lab	Sample Date		CYN (ug/l)	NIT (ug/l)	NH3N2 (ug/l)	COD (ug/l)	BOD (ug/l)	COLI CPML	TSS (ug/l)	TPO4 (ug/l)	PO4ORT (ug/l)	ALPHAG pC/l	BETAG pC/l	K40 pC/l	PB210 pC/l	RA226 pC/l	RA228 pC/l
	N	PC	11-Mar-96	Data															
	N	PC	11-Mar-96	Spike															
	N	PC	11-Mar-96	Lot #															
	N	PC	11-Mar-96	Data															
	N	PC	11-Mar-96	Spike															
	N	PC	11-Mar-96	Lot #															
	N	PC	11-Mar-96	Data															
	N	PC	11-Mar-96	Spike															
	N	PC	11-Mar-96	Lot #															
	N	PC	12-Mar-96	Data								638.00	50.00						
	N	PC	12-Mar-96	Spike								500.00	50.00						
	N	PC	12-Mar-96	Lot #								KIU 004	KIT 004						
	N	PC	12-Mar-96	Data															
	N	PC	12-Mar-96	Spike															
	N	PC	12-Mar-96	Lot #															
	N	PC	12-Apr-96	Data								695.00	494.00						
	N	PC	12-Apr-96	Spike								500.00	500.00						
	N	PC	12-Apr-96	Lot #								KKA 004	KIZ 004						
	N	PC	13-May-96	Data								523.00	503.00						
	N	PC	13-May-96	Spike								500.00	500.00						
	N	PC	13-May-96	Lot #								KKG 004	KKH 004						
	N	PC	23-May-96	Data															
	N	PC	23-May-96	Spike															
	N	PC	23-May-96	Lot #															
	N	PC	23-May-96	Data															
	N	PC	23-May-96	Spike															
	N	PC	23-May-96	Lot #															
	N	UB	19-Jun-96	Data															
	N	UB	19-Jun-96	Spike															
	N	UB	19-Jun-96	Lot #															
	N	UB	19-Jun-96	Data															
	N	UB	19-Jun-96	Spike															
	N	UB	19-Jun-96	Lot #															
	N	UB	19-Jun-96	Data															
	N	UB	19-Jun-96	Spike															
	N	UB	19-Jun-96	Lot #															
	N	UB	28-Jun-96	Data								202.00							
	N	UB	28-Jun-96	Spike								100.00							
	N	UB	28-Jun-96	Lot #								AXZR 005							
	N	UB	28-Jun-96	Data															
	N	UB	28-Jun-96	Spike															
	N	UB	28-Jun-96	Lot #															
	N	UB	28-Jun-96	Data															
	N	UB	28-Jun-96	Spike															
	N	UB	28-Jun-96	Lot #															

Inorganics QA/QC Data

Site ID	QC Type (1)	Lab	Sample Date		AG (ug/l)	AS (ug/l)	BA (ug/l)	BE (ug/l)	CD (ug/l)	CR (ug/l)	CU (ug/l)	MN (ug/l)	NI (ug/l)	PB (ug/l)	SB (ug/l)	SE (ug/l)	TL (ug/l)	ZN (ug/l)	HG (ug/l)	CL (ug/l)
	N	UB	28-Jun-96	Data	47.30				51.50	193.00	239.00		480.00	483.00				481.00		
	N	UB	28-Jun-96	Spike	50.00				50.00	200.00	250.00		500.00	500.00				500.00		
	N	UB	28-Jun-96	Lot #	AXVZ 005				AXVZ 005	AXVZ 005	AXVZ 005		AXVZ 005	AXVZ 005				AXVZ 005		
	N	UB	28-Jun-96	Data	46.20				52.60	197.00	242.00		488.00	503.00				492.00		
	N	UB	28-Jun-96	Spike	50.00				50.00	200.00	250.00		500.00	500.00				500.00		
	N	UB	28-Jun-96	Lot #	AXVZ 006				AXVZ 006	AXVZ 006	AXVZ 006		AXVZ 006	AXVZ 006				AXVZ 006		
	N	UB	15-Jul-96	Data															0.94	
	N	UB	15-Jul-96	Spike															1.00	
	N	UB	15-Jul-96	Lot #															AYDD 004	
	N	UB	15-Jul-96	Data															1.09	
	N	UB	15-Jul-96	Spike															1.00	
	N	UB	15-Jul-96	Lot #															AYDD 005	
	N	UB	08-Aug-96	Data															1.02	
	N	UB	08-Aug-96	Spike															1.00	
	N	UB	08-Aug-96	Lot #															AYKI 004	
	N	UB	08-Aug-96	Data															1.03	
	N	UB	08-Aug-96	Spike															1.00	
	N	UB	08-Aug-96	Lot #															AYKI 005	
	N	UB	09-Aug-96	Data															1.10	
	N	UB	09-Aug-96	Spike															1.00	
	N	UB	09-Aug-96	Lot #															AYJA 005	
	N	UB	09-Aug-96	Data															1.00	
	N	UB	09-Aug-96	Spike															1.00	
	N	UB	09-Aug-96	Lot #															AYJA 004	
	N	UB	03-Sep-96	Data															1.03	
	N	UB	03-Sep-96	Spike															1.00	
	N	UB	03-Sep-96	Lot #															AYXM 004	
	N	UB	03-Sep-96	Data															1.00	
	N	UB	03-Sep-96	Spike															1.00	
	N	UB	03-Sep-96	Lot #															AYXM 005	
	N	UB	04-Sep-96	Data	52.80				44.70	181.00	250.00		428.00					474.00	0.99	
	N	UB	04-Sep-96	Spike	50.00				50.00	200.00	250.00		500.00					500.00	1.00	
	N	UB	04-Sep-96	Lot #	AYYT 005				AYYT 005	AYYT 005	AYYT 005		AYYT 005					AYYT 005	AZBI 004	
	N	UB	04-Sep-96	Data	53.20				44.90	181.00	247.00		438.00					459.00	1.06	
	N	UB	04-Sep-96	Spike	50.00				50.00	200.00	250.00		500.00					500.00	1.00	
	N	UB	04-Sep-96	Lot #	AYYT 006				AYYT 006	AYYT 006	AYYT 006		AYYT 006					AYYT 006	AZBI 005	
	S	UB	28-Jun-96	Data																
	S	UB	28-Jun-96	Spike																
	S	UB	28-Jun-96	Lot #																

Inorganics QA/QC Data

Site ID	QC Type (1)	Lab	Sample Date		CYN (ug/l)	NIT (ug/l)	NH3N2 (ug/l)	COD (ug/l)	BOD (ug/l)	COLI CPML	TSS (ug/l)	TPO4 (ug/l)	PO4ORT (ug/l)	ALPHAG pC/l	BETAG pC/l	K40 pC/l	PB210 pC/l	RA226 pC/l	RA228 pC/l
	N	UB	28-Jun-96	Data															
	N	UB	28-Jun-96	Spike															
	N	UB	28-Jun-96	Lot #															
	N	UB	28-Jun-96	Data															
	N	UB	28-Jun-96	Spike															
	N	UB	28-Jun-96	Lot #															
	N	UB	15-Jul-96	Data															
	N	UB	15-Jul-96	Spike															
	N	UB	15-Jul-96	Lot #															
	N	UB	15-Jul-96	Data															
	N	UB	15-Jul-96	Spike															
	N	UB	15-Jul-96	Lot #															
	N	UB	08-Aug-96	Data															
	N	UB	08-Aug-96	Spike															
	N	UB	08-Aug-96	Lot #															
	N	UB	08-Aug-96	Data															
	N	UB	08-Aug-96	Spike															
	N	UB	08-Aug-96	Lot #															
	N	UB	09-Aug-96	Data															
	N	UB	09-Aug-96	Spike															
	N	UB	09-Aug-96	Lot #															
	N	UB	09-Aug-96	Data															
	N	UB	09-Aug-96	Spike															
	N	UB	09-Aug-96	Lot #															
	N	UB	03-Sep-96	Data															
	N	UB	03-Sep-96	Spike															
	N	UB	03-Sep-96	Lot #															
	N	UB	03-Sep-96	Data															
	N	UB	03-Sep-96	Spike															
	N	UB	03-Sep-96	Lot #															
	N	UB	04-Sep-96	Data															
	N	UB	04-Sep-96	Spike															
	N	UB	04-Sep-96	Lot #															
	N	UB	04-Sep-96	Data															
	N	UB	04-Sep-96	Spike															
	N	UB	04-Sep-96	Lot #															
	S	UB	28-Jun-96	Data	102.00														
	S	UB	28-Jun-96	Spike	100.00														
	S	UB	28-Jun-96	Lot #	AXWB 007														

D.3 PCB QA/QC Data

Notes:

(1) Under QC Type

F = Field Blank
S = Spike Blank

D = Analysis of Duplicate Sample

PCBs QA/QC Data - (ug/l)

Site ID		QC Type (1)	Lot #	Sample Date	Lab #		PCB016	PCB221	PCB232	PCB242	PCB248	PCB254	PCB260
20200		F	AXVY 009	28-Jun-96	96U02290	Data	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00
20200		F	AXVY 009	28-Jun-96	96U02290	Spike	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20900		S	AXVY 019	28-Jun-96	96U02299	Data	3.65	<2.00	<1.00	<1.00	<1.00	<1.00	4.36
20900		S	AXVY 019	28-Jun-96	96U02299	Spike	5.00	0.00	0.00	0.00	0.00	0.00	5.00
20900	D	S	AXVY 020	28-Jun-96	96U02299	Data	2.98	<2.00	<1.00	<1.00	<1.00	<1.00	2.87
20900	D	S	AXVY 020	28-Jun-96	96U02299	Spike	5.00	0.00	0.00	0.00	0.00	0.00	5.00

D.4 Relative Percent Difference (RPD) Data

Notes:

D = Duplicate Sample

Relative Percent Difference (RPD) Data

Well	Date	Qtr	IRDMIS Lot #	TCLEE	TRCLE	11DCE	12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN
01U064	13-Jun-96	A51	AXPY 005	<0.75	1.96	<1.70	230.00		4.68	<0.76	<0.78	3.94	4.60	<0.99	<0.50	<1.00	<1.00	<7.40			
01U064 D	13-Jun-96	A51	AXPY 006	<0.75	1.97	<1.70	240.00		4.26	<0.76	<0.78	3.53	4.34	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	-0.51	0.00	-4.35		8.97	0.00	0.00	10.41	5.65	0.00	0.00	0.00	0.00	0.00			
01U102	11-Mar-96	A50	HWQ 007	15.20	1.82	<1.00	4.65	<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20			
01U102 D	11-Mar-96	A50	HWQ 008	14.30	1.82	<1.00	4.63	<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20			
				5.92	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
01U115	13-Sep-96	A52	AZDW 011	<0.75	<0.56	<1.70	1.28		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
01U115 D	13-Sep-96	A52	AZDW 012	0.95	<0.56	<1.70	1.38		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				-26.93	0.00	0.00	-7.81		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
01U120	20-Jun-96	A51	AXRJ 005	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
01U120 D	20-Jun-96	A51	AXRJ 006	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
01U122	18-Jun-96	A51	AXRI 012	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
01U122 D	18-Jun-96	A51	AXRI 013	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
01U138	12-Sep-96	A52	AZDV 020	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
01U138 D	12-Sep-96	A52	AZDV 021	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
01U140	18-Jun-96	A51	AXRI 005	<0.75	<0.56	<1.70	14.20		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
01U140 D	18-Jun-96	A51	AXQY 009	<0.75	JR <0.56	<1.70	10.20		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	28.17		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
01U157	15-Dec-95	A49	HWJ 014	1.09	1.49	<1.00	2.07	<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20			
01U157 D	15-Dec-95	A49	HWJ 015	1.57	1.88	<1.00	2.35	<0.30	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20			
				-44.04	-26.17	0.00	-13.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
01U352	11-Mar-96	A50	HWR 011	1.05	5.21	<1.00	16.90	1.41	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20			
01U352 D	11-Mar-96	A50	HWR 012	1.06	5.16	<1.00	16.70	1.44	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72	<1.00	<1.00	<3.20			
				-0.95	0.96	0.00	1.18	-2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
01U354	12-Sep-96	A52	AZDV 012	<0.75	<0.56	<1.70	2.70		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
01U354 D	12-Sep-96	A52	AZDV 017	<0.75	<0.56	<1.70	2.46		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	8.89		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
01U355	15-Dec-95	A49	HWJ 009	<1.00	1.06	<1.00	19.80	1.90	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	0.53	<1.00	<1.00	<3.20			
01U355 D	15-Dec-95	A49	HWJ 010	<1.00	1.16	<1.00	19.90	1.94	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	0.51	<1.00	<1.00	<3.20			
				0.00	-9.43	0.00	-0.51	-2.11	0.00	0.00	0.00	0.00	0.00	0.00	3.20	0.00	0.00	0.00			
01U357	19-Jun-96	A51	AXRH 012	<0.75	<0.56	<1.70	22.30		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
01U357 D	19-Jun-96	A51	AXRH 013	<0.75	<0.56	<1.70	21.20		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	9.37			
				0.00	0.00	0.00	4.93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-26.62			
01U357	19-Jun-96	A51	AXRG 012																<1.05	<1.47	<1.36
01U357 D	19-Jun-96	A51	AXRG 013																<1.05	<1.47	<1.36
																			0.00	0.00	0.00
01U604	04-Jun-96	A51	AXNL 006	<0.75	0.96	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
01U604 D	04-Jun-96	A51	AXNL 007	<0.75	21.60	<1.70	1.99		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	-2161.78	0.00	-161.84		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Relative Percent Difference (RPD) Data

Well	Date	Qtr	IRDMIS Lot #	TCLEE	TRCLE	11DCE	12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN
01U621	03-Sep-96	A52	AYZB 005	<0.75	<0.56	<1.70	12.90		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
01U621 D	03-Sep-96	A52	AYZB 006	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	94.11		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
03F312	06-Jun-96	A51	AXNV 014	<0.75	4.05	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
03F312 D	06-Jun-96	A51	AXNV 015	<0.75	3.96	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	2.22	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
03L802	10-Sep-96	A52	AZAN 015	<0.75	10.60	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
03L802 D	10-Sep-96	A52	AZAN 016	<0.75	13.80	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	-30.19	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
03L853	18-Jun-96	A51	AXQX 008	0.83	174.00	6.19	1.43		<1.01	31.60	<0.78	3.89	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
03L853 D	18-Jun-96	A51	AXQX 009	0.82	175.00	6.27	1.41		<1.01	31.70	<0.78	3.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.84	-0.57	-1.29	1.40		0.00	-0.32	0.00	4.11	0.00	0.00	0.00	0.00	0.00	0.00			
03M020	05-Jun-96	A51	AXNT 009	<0.75	159.00	<1.70	2.88		<1.01	3.90	<0.78	3.39	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
03M020 D	05-Jun-96	A51	AXNT 010	<0.75	146.00	<1.70	2.57		<1.01	3.75	<0.78	3.16	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	8.18	0.00	10.76		0.00	3.85	0.00	6.78	0.00	0.00	0.00	0.00	0.00	0.00			
03U015	24-Jun-96	A51	AXUU 006	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
03U015 D	24-Jun-96	A51	AXUU 007	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
03U026	25-Jun-96	A51	AXUV 015	<0.75	42.00	<1.70	1.46		<1.01	3.48	<0.78	<0.73	<1.10	<0.99	33.00	<1.00	<1.00	<7.40			
03U026 D	25-Jun-96	A51	AXUV 016	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	98.67	0.00	47.95		0.00	78.16	0.00	0.00	0.00	0.00	98.48	0.00	0.00	0.00			
03U078	12-Jun-96	A51	AXPV 005	7.88	59.60	5.47	1.11		<1.01	21.60	<0.78	3.84	<1.10	<0.99	1.30	<1.00	<1.00	<7.40			
03U078 D	12-Jun-96	A51	AXPV 006	9.47	120.00	10.30	1.10		<1.01	32.50	<0.78	7.17	<1.10	<0.99	0.87	<1.00	<1.00	<7.40			
				-20.18	-101.34	-88.30	0.90		0.00	-50.46	0.00	-86.72	0.00	0.00	33.38	0.00	0.00	0.00			
03U089	20-Jun-96	A51	AXRJ 018	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
03U089 D	20-Jun-96	A51	AXRJ 019	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
03U099	25-Jun-96	A51	AXUV 018	<0.75	12.60	<1.70	<0.76		<1.01	2.59	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
03U099 D	25-Jun-96	A51	AXUV 019	<0.75	12.30	<1.70	<0.76		<1.01	2.56	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	2.38	0.00	0.00		0.00	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
03U314	10-Sep-96	A52	AZAM 008	<0.75	470.00	32.40	6.52		<1.01	199.00	<0.78	13.30	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
03U314 D	10-Sep-96	A52	AZAM 009	<0.75	470.00	32.80	4.63		<1.01	203.00	<0.78	12.50	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	-1.23	-28.99		0.00	-2.01	0.00	6.02	0.00	0.00	0.00	0.00	0.00	0.00			
03U316	06-Jun-96	A51	AXNW 008	<0.75	MIR 19.70	<1.70	<0.76		<1.01	6.52	<0.78	1.19	<1.10	<0.99	1.39	<1.00	<1.00	<7.40			
03U316 D	06-Jun-96	A51	AXNW 009	<0.75	MIR 23.00	<1.70	<0.76		<1.01	6.67	<0.78	1.16	<1.10	<0.99	1.47	<1.00	<1.00	<7.40			
				0.00	-16.75	0.00	0.00		0.00	-2.30	0.00	2.52	0.00	0.00	-5.76	0.00	0.00	0.00			
03U671	06-Jun-96	A51	AXNV 008	1.12	169.00	11.90	2.95		<1.01	61.90	<0.78	10.30	<1.10	<0.99	1.44	<1.00	<1.00	<7.40			
03U671 D	06-Jun-96	A51	AXNV 009	<0.75	186.00	12.60	3.25		<1.01	69.20	<0.78	11.20	<1.10	<0.99	1.19	<1.00	<1.00	<7.40			
				33.04	-10.06	-5.88	-10.17		0.00	-11.79	0.00	-8.74	0.00	0.00	17.36	0.00	0.00	0.00			
03U710	11-Jun-96	A51	AXPR 012	<0.75	380.00	9.76	11.70		<1.01	40.80	<0.78	9.36	<1.10	<0.99	2.24	<1.00	<1.00	<7.40			
03U710 D	11-Jun-96	A51	AXPR 013	<0.75	430.00	10.60	13.10		<1.01	53.10	<0.78	9.51	<1.10	<0.99	1.92	<1.00	<1.00	<7.40			
				0.00	-13.16	-8.61	-11.97		0.00	-30.15	0.00	-1.60	0.00	0.00	14.29	0.00	0.00	0.00			

Relative Percent Difference (RPD) Data

Well	Date	Qtr	IRDMIS Lot #	TCLEE	TRCLE	11DCE	12DCE	T12DCE	C2H3CL	111TCE	112TCE	11DCLE	12DCLE	CCL4	CHCL3	12DCLP	TCLTFE	CH2CL2	C6H6	MEC6H5	TXYLEN
03U824	19-Jun-96	A51	AXQX 015	<0.75	148.00	5.11	1.37		<1.01	23.90	<0.78	3.96	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
03U824 D	19-Jun-96	A51	AXQX 016	<0.75	156.00	5.00	1.29		<1.01	23.90	<0.78	3.84	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	-5.41	2.15	5.84		0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00			
04J714	14-Jun-96	A51	AXPW 017	<0.75	1.87	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
04J714 D	14-Jun-96	A51	AXPW 018	<0.75	1.81	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	3.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
04J714	12-Sep-96	A52	AZDH 013	<0.75	B 2.15	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
04J714 D	12-Sep-96	A52	AZDH 014	<0.75	B 2.03	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	5.58	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
04J882	09-Sep-96	A52	AZAD 009	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
04J882 D	09-Sep-96	A52	AZAD 010	<0.75	1.24	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	-121.43	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
04U027	12-Jun-96	A51	AXPW 007	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
04U027 D	12-Jun-96	A51	AXPW 008	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
04U711	11-Jun-96	A51	AXPU 008	<0.75	5.57	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
04U711 D	11-Jun-96	A51	AXPU 009	<0.75	5.18	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	7.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
04U802	05-Jun-96	A51	AXNU 010	<0.75	1.01	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
04U802 D	05-Jun-96	A51	AXNU 011	<0.75	0.84	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	16.83	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
04U881	28-Jun-96	A51	AXVC 010	<0.75	1.15	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
04U881 D	28-Jun-96	A51	AXVC 011	<0.75	1.03	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	10.43	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
234356	27-Jun-96	A51	AXUW 014	<0.75	<0.56	<1.70	<0.76		<1.01	2.02	<0.78	0.84	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
234356 D	27-Jun-96	A51	AXUW 015	<0.75	<0.56	<1.70	<0.76		<1.01	2.00	<0.78	0.83	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	0.00		0.00	0.99	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00			
409549	24-Jun-96	A51	AXUT 007	<0.75	48.10	2.80	<0.76		<1.01	9.41	<0.78	2.44	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
409549 D	24-Jun-96	A51	AXUT 008	<0.75	45.70	2.54	<0.76		<1.01	8.54	<0.78	2.25	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	4.99	9.29	0.00		0.00	9.25	0.00	7.79	0.00	0.00	0.00	0.00	0.00	0.00			
482083	04-Jun-96	A51	AXNL 015	<0.75	7.01	<1.70	<0.76		<1.01	<0.76	<0.78	0.94	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
482083 D	04-Jun-96	A51	AXNL 017	<0.75	6.82	<1.70	<0.76		<1.01	<0.76	<0.78	1.25	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	2.71	0.00	0.00		0.00	0.00	0.00	-32.56	0.00	0.00	0.00	0.00	0.00	0.00			
500691	03-Jun-96	A51	AXNJ 009	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
500691 D	03-Jun-96	A51	AXNJ 010	<0.75	<0.56	<1.70	<0.76		<1.01	<0.76	<0.78	<0.73	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PJ#309	10-Sep-96	A52	AZAM 014	<0.75	49.80	1.94	1.13		<1.01	4.45	<0.78	2.42	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
PJ#309 D	10-Sep-96	A52	AZAM 015	<0.75	49.60	<1.70	0.90		<1.01	4.22	<0.78	2.28	<1.10	<0.99	<0.50	<1.00	<1.00	<7.40			
				0.00	0.40	12.37	20.62		0.00	5.17	0.00	5.79	0.00	0.00	0.00	0.00	0.00	0.00			

APPENDIX E

Appendix E

Groundwater Monitoring
Chemical Analysis Categories

USAEC CHEMICAL ANALYSIS CATEGORIES

CATEGORY 1

Carbon Tetrachloride	CCL4
Chloroform	CHCL3
Methylene Chloride	CH2CL2
Vinyl Chloride	C2H3CL
Tetrachloroethylene	TCLEE
Trichloroethylene	TRCLE
1,1-Dichloroethylene	11DCE
1,1-Dichloroethane	11DCLE
1,1,1-Trichloroethane	111TCE
1,1,2-Trichlorethane	112TCE
1,1,2-Trichlorotrifluoroethane	TCLTFE
1,2-Dichloroethylene	12DCE
1,2-Dichloroethane	12DCLE
1,2-Dichloropropane	12DCLP

For Sites I and K, 1,2-Dichloroethylene (12DCE) is replaced by cis-1,2-Dichloroethylene (C12DCE) and trans-1,2-Dichloroethylene (T12DCE)

CATEGORY 2

Antimony	SB
Arsenic	AS
Barium	BA
Beryllium	BE
Cadmium	CD
Chromium	CR
Copper	CU
Lead	PB
Manganese	MN
Nickel	NI
Selenium	SE
Silver	AG
Thallium	TL

CATEGORY 3

Mercury	HG

USAEC CHEMICAL ANALYSIS CATEGORIES
(continued)

CATEGORY 4	
Cyanide	CYN
Nitrate/Nitrite	NIT
Orthophosphate	PO4ORT
Total Phosphates	TPO4
CATEGORY 5	
Dibutylchlorenadate	DBUCLE
PCB1016	PCB016
PCB1242	PCB242
PCB1248	PCB248
PCB1254	PCB254
PCB1260	PCB260
CATEGORY 6	
Nitrobenzene	NBD5
Phenol-D6	PHEND6
Terphenyl-D14	TRPD14
Toluene	MEC6D8
2-Fluorobiphenyl	2FBP
2-Fluorophenol	2FP
1,2-Dichloroethane-D4	12DCD4
4-Bromofluorobenzene	4BFB
2,4,6-Tribromophenol	246TBP
CATEGORY 7	
Benzene	C6H6
Toluene	MEC6H5
Total Xylenes	TXYLEN
CATEGORY 8	
Radionuclides	
CATEGORY 9	
Zinc	Zn
CATEGORY 10	
Miscellaneous, Non-Specific	

APPENDIX F

Appendix F

TGRS Hydraulic Data

F.1 Historical Groundwater Elevations (FT. AMSL) TGRS, TCAAP

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*4/2/87*	*9/8/87*	*11/17/87*	*11/24/87*	*11/30/87*	*12/14/87*	*1/11/88*	*5/2/88*
On TCAAP									
03U001	891.2	852.02		849.7	849.31	849.7	849.42	849.72	849.46
03M001	890.76	852.63	849.4	849.77	849.36	849.76	849.47	849.88	849.52
03L001	891.37	852.69	849.42	849.7	849.32	849.71	849.41	849.67	849.52
04U001	891.28	852.04		849.58	849.21	849.58	849.28	849.55	849.38
03U002	919.89	855.62	852.55	851.34	850.94	851	850.76	851.2	851.53
03M002	922.4	855.29	852.5	850.67	850.35		850.35	850.66	850.94
03L002	922.21	855.24	852.44	850.6	850.26	850.68	850.29	850.61	850.9
04U002	923.18	855.02	852.33	850.55	850.22	850.57	850.23	850.58	850.82
03U003	945			852.82	852.47	852.56	852.42	852.26	853.42
03M003	945.55	856.93	854.24	852.75	849.5		852.4	852.35	853.31
03L003	946.83	857.01	854.24	852.78	852.65	852.63	852.48	852.62	853.2
04U003	946.07	853.95	850.93	849.92	849.75	849.84	849.65	850.02	850.08
PJ#003	946.47						849.2		849.6
03U004	953	860.67	857.42	857.02	856.77	856.94	856.72	857.05	857.32
03M004	952.55	859	856.12	855.67	855.39	855.56	855.35	855.74	855.91
03L004	952.02	857.98	855.09	854.63	854.37	854.54	854.32	854.69	854.89
03U005	973.07	860.51				857.22	857.04		857.39
03M005	974.52								857.46
03L005	974.08	860.44				857.31	857.13		857.48
03U006	969.09	862.36	858.91		858.12	858.64	858.29	858.94	858.84
03U007	902.63	863.23	859.27		859.4	859.88	859.62	860.13	859.68
03M007	903.77				859.33		859.57	860.06	859.61
03L007	904.41				859		859.25	859.7	859.2
04U007	905.5	862.38			858.7	859.24	858.9	859.29	858.77
03U008	917.36	867.3	862.85		863.66	864.14	864.04	864.61	863.57
03U009	915.25	868.42			865.59	865.97	865.9	866.36	864.9
03U010	891	868.57	869.24		865.55	865.87	865.85	866.27	864.95
03M010	891.46				865.51		865.81	866.23	864.91
03L010	891.76				865.6		865.86	866.27	864.91
03U011	902.99	865.74	861.67		862.89	863.14	863.3	863.56	862.78
03U012	882.83	862.24	858.28	859.58	859.54	859.89	859.8	860.12	859.28
03M012	882.73			859.67	859.53		859.78	860.15	859.26
03L012	882.63			859.61	859.48		859.75	860	859.21
04U012	882.78	862.12		859.56	859.42	859.77	859.67	860	859.15
03U013	893.02	855.52	852.08	852.72	852.41	852.77	852.59	852.86	852.42
03M013	892.4		852	852.65	852.33		852.52	852.78	852.34
03L013	892.6		851.88	852.48	852.15		852.33	851.83	852.15
03U014	990.27	860.25	856.99	856.67	856.55	856.62	856.77	856.83	857.01
03L014	991.57		856.93	856.86	856.72		857	857.03	857.12
03U015	937.68	859.96	856.58	856.87	856.78	856.91	857.02	857.18	857.12
03U016	950.05	862.13			858.95	859.02	859.2	859.35	859.19
03U017	941.31	857.76	854.64	854.22	853.95		854.27	854.27	854.44

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*4/2/87*	*9/8/87*	*11/17/87*	*11/24/87*	*11/30/87*	*12/14/87*	*1/11/88*	*5/2/88*
03M017	941.93	857.61	854.64	854.22	853.93			854.24	854.41
03L017	942.07	857.62	854.63	854.2	853.83		854.24	866.42	854.42
03U018	991.62	859.96	856.66		856.48	856.54	856.67	856.77	856.9
03L018	991.49	859.68	856.54		856.36	856.42	856.52	856.67	856.77
03U019	946.54	860.88			857.58	857.68	857.69	857.94	857.94
03U020	955.7	858.27	854.79	854.57	854.44	854.44	854.34	854.64	854.95
03M020	957.03	858.1	855.07	854.56	854.43	854.45	854.33	854.56	854.88
03L020	956.73	858.01	854.96	854.47	854.35	854.34	854.23	854.48	854.8
04U020	957.86	857.72	854.49	854.13	854	854	853.94	853.56	854.33
03U021	947.3	856.82				852.96	852.55		853.18
03L021	946.74				852.43		852.27	852.49	852.79
03U022	901.88	862.98	858.98		860.19	860.43	860.54	860.76	860.24
03U023	901.51	862.88	858.81		860.04	860.35	860.35	860.62	859.91
03U024	896.99	861.71	857.8		858.94	859.17	859.25	859.49	859.02
03U025	889.07	860.01		857.31	857.16	858.43	857.43	857.62	857.22
03U027	968.8	858.58	855.41	854.83	854.68	854.77	854.69	855	855.2
03L027	969.42		855.31	854.74	854.59	854.68	854.59	854.8	855.1
04U027	969.49	856.96	854.13	853.52	853.39	853.48	853.39	830.51	853.73
PJ#027	970.05		854.07	853.47	853.3	853.35	853.3	853.16	853.66
03U028	959.76	858.02	855.08	854.26		854.18	854.06	854.29	854.66
03L028	958.93	857.98	855.03	854.18		854.11	854.03	854.29	854.58
03U029	957.27	857.6	854.07	853.73		853.58	852.5	852.7	854.22
03L029	956.95	857.58				853.34	853.35	853.67	853.82
03U030	961.42	859.08		855.44		855.4	855.34	855.52	855.78
03U031	900.94	857.83	854.93	854.96	854.77	854.92	854.88	855.04	854.66
03U032	1006.57	860.93	857.5		857.79	857.85	858	858.21	858.09
03U075	887.03	854.77	851.49	852.01			852.01	852.08	851.72
03U076	891.41	853.46	850.18	850.68			850.64	850.77	850.37
03U077	914.94	853.86	850.94	849.86	849.58	849.81	849.54	849.76	849.99
03L077	914.88	853.77	850.97	848.8	848.6	849.78	848.52	848.7	849
04U077	914.57	854.15	851.21	849.21	848.93	849.09	846.77	849.12	849.23
04J077	914.6								
03U078	929.85	856.69	853.71	850.15	849.63	849.77	849.74	850.3	851.21
03L078	930.18	855.78	852.85	850.47	850.18	850.33	850.12	850.61	850.8
03U079	925.99	856.67	853.72	849.71	849.79	849.71	849.49	849.99	850.51
03L079	926.29	856.34	853.39	850.53	851.22	850.49	850.29	850.64	850.95
03L080	963.45		856.03			855.49	854.65	855.65	855.9
03L081	948.96						857.31	857.62	857.59
03U082	901	864.95	860.95		862.13	862.39	862.52	862.75	862.07
03U083	893.9	860.04			857.08	857.29	857.35	857.45	857.19
03U084	900.98	853.88	850.7	850.23	849.9	850.2	849.94	850.01	850.3
03L084	900.58								850.56
03U087	1006.79	860.83	857.35		857.83	857.93	858.11	858.29	858.14

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*4/2/87*	*9/8/87*	*11/17/87*	*11/24/87*	*11/30/87*	*12/14/87*	*1/11/88*	*5/2/88*
03U088	986.36						858.47	858.61	858.44
03U089	975.3	860.93			858.13	858.24	858.44	859.13	858.4
03U090	984.92						857.38	857.56	857.57
03U092	963.3						856.75		856.98
03U093	996.01	859.66			856.5	856.56	856.65	856.82	856.87
03U094	999.64		857.13				857	857.06	857.22
03U096	997.02	859.77			856.44	856.48	856.6	856.72	856.08
03U111	927.69	864.11			861.53	861.71	862.03	862.19	861.71
03U112	980.8	860.95	857.61		857.55	857.63	857.75	857.89	857.93
03U113	976.83	860.97					858.09		858.22
03L113	977.15								858.11
03U301 (SC1)	957.41								854.17
03F302 (B1)	929.86	867.7	853.59		850.52	844.7	844.38	844.53	844.73
03F303 (B2)	925.04	859.8	853.46		829.72	829.74	830.74		831.18
03F304 (B3)	920.09	859.06	852.32		848.45	849.76	848.56	848.78	849.01
03F305 (B4)	915.75	850.14	852.06		844.5	844.82	844.75	844.88	844.75
03F306 (B5)	919.13								841.87
03F307 (B6)	913.46	839.95	848.55		821.56	821.91	821.11	821.29	822.23
03F308 (B7)	900.79								
PJ#309 (B8)	914.35								
PJ#310 (B9)	915.8								
PJ#311 (B10)	905.97								
03F312 (B11)	944.24								
PJ#313 (B12)	895.63								
03U314 (SC2)	978.02								
03U315 (SC3)	965.27								
03U316 (SC4)	957.13								
03U317 (SC5)	952.62								
04U510	911.19								864.18
OW543U3	958.99								854.78
03U647	962.25		855.63				854.9		855.4
03U648	963.14		855.84				854.29	855.29	855.6
03U658	966.24		856.32				855.77	855.96	856.13
03U659	958.62		855				853.85	854.02	854.64
03U671	933.13	856.69	853.65		851.48	851.56	851.55	851.82	852.6
03U674	957.21						852.63		854.16
03U701	911.1	853.52	850.2	849.06	849.18	849.42	849.18	849.59	849.57
04U701	911.24	853.59	850.49	848.82	848.95	849.17	848.92	849.33	849.32
03U702	910.53	852.93	849.71	848.68	848.83	849.12	848.83	849.28	849.19
04U702	910.44	853.74	850.52	848.99	849.15	849.38	849.14	849.63	849.49
04J702	910.51								
03U703	921.25	856.63	853.69	848.96	849.2	849.31	849.48	849.75	850.68
03U704	978.47	861.56	857.79		859.09	859.19	859.45	859.65	859.33

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*4/2/87*	*9/8/87*	*11/17/87*	*11/24/87*	*11/30/87*	*12/14/87*	*1/11/88*	*5/2/88*
03U705	1049.55	861.71	857.95		859.32	859.43	859.65	859.92	859.6
03U706	920.63	861.84	858.11		859.23	859.4	859.57	859.78	859.37
03U707	918.28	862.3	858.42		859.63	859.836	860	860.19	859.78
03U708	921.97	856.26	853.27	851.47	851.01	851.08	850.84	851.32	852.05
04U708	921.66	854.87	852.03	850.11	849.8	849.95	849.85	850.16	850.34
04J708	922.04								
03U709	912.63	855.04	852.01	850.21	850.2	850.28	850.21	850.47	850.76
04U709	912.52	854.74	851.93	849.42	849.47	850.13	849.62	849.9	850.02
03U710	946.76	856.79		851.26	851.41	851.51	851.31	851.74	852.44
03U711	908.81		851.74		849.81	849.76	849.51	850.07	850.14
04U711	908.73		850.68	849.01	849	849.01	848.78	849.75	849.2
03M713	898.41								
04U713	897.73								
04J713	898.38								
04U714	893.89								
04J714	894.19								
03U715	963.59								
03U716	952.1								
E101	970.12								
E102	981.54								
E103	971.61								
Staff Gauges									
S.G. #1	860.42			862.72			862.96		858.33
S.G. #2	862.84			DRY			863.08		DRY
S.G. #3	865.29			DRY			DRY		DRY
S.G. #1a	871.73								
S.G. #2a	872.02								
S.G. #3a	871.71								
Off TCAAP									
MPCA6	914.4	850.43		846.97	846.84	846.93	846.97	847.36	846.81
03U672 (PD2U3)	923.72	857.4	854.74	853.62		853.47	853.62	853.14	854.05
03U673 (PD3U3)	897.84	850.51	847.79	847.19	846.62	846.99	847.19	846.29	846.89
03L673 (PD3L3)	898.44	848.9	845.84	845.37	845.04	845.29	844.83	844.99	845.37
04U673 (PD3U4)	898.34	848.96	845.86	844.41	845.09	845.34	844.88	845.06	845.4
03U801 (T1U3)	914.82	855.71	852.85	850.09	850.47	850.1	849.88	850.72	850.67
03M802 (T2M3)	907.38	855.93	853.08	851.34	851.64	851.39	851.8	850.72	851.34
03L802 (T2L3)	907.93	856.52	853.77	851.29	851.75	851.29	850.45	851.63	851.05
04U802 (T2U4)	905.95	854.04	851.02	849.63	849.61	849.6	849.3	849.75	849.9
PJ#802 (T2PJ)	905.07	853.47	850.57	849.58	849.4	849.37	849.1	849.49	849.67
03U803 (T3U3)	900.89	853.41	851.05	849.68	849.55	849.45	848.82	848.89	849.55
03U804 (T4U3)	913.02	855.16	851.87		849.98	849.77	849.54	850.66	850.15

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*4/2/87*	*9/8/87*	*11/17/87*	*11/24/87*	*11/30/87*	*12/14/87*	*1/11/88*	*5/2/88*
03U805 (T5U3)	908.23	853.31	850.18	848.6	848.66		848.23	849.32	848.62
03U806 (T6U3)	911.96	852.79	849.56	848.78	848.88	848.71	848.44	849.01	848.76
03M806 (T6M3)	911.87	853.02	849.84	848.42	848.8	848.33	848.08	849.25	848.44
03L806 (T6L3)	912.16	852.93	849.72	848.36	848.89	848.28	848.28	849.1	848.38
04U806 (T6U4)	912.12	852.64	849.42	848.32	848.62	848.26	848	848.89	848.29
PJ#806 (T6PJ)	911.03	852.57	849.37	848.93	848.53	848.28	848.01	848.83	848.3
03L809 (T9L3)	914.32	853.3	850.14	849.42	849.37	849.36	849.02	850.12	849.34
03L841 (301L3)	911.91								
04U841 (301U4)	913.77								
04U847 (307U4)	916.1								
03L833	908.02						854.08	839.57	854.4
04U833	908.32				857.12	857.2	857.32	857.45	857.53
PJ#074	956.46								
04U835	977.84								

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*5/20/88*	*6/23/88*	*7/27/88*	*9/1/88*	*9/21/88*	*10/14/88*	*12/2/88*	*1/13/89*
On TCAAP									
03U001	891.2	848.82	846.24	845.16	844.82	844.92	845.46	846.41	846.55
03M001	890.76	848.9	846.44	845.51	845.06	844.99	845.54	846.51	846.62
03L001	891.37	848.87	846.42	845.22	844.86	845	845.52	846.45	846.61
04U001	891.28	848.73	846.28	845.12	844.76	844.88	845.38	846.36	846.49
03U002	919.89	850.84	850.22	848.91	847.51	847.2	847.13	848.59	849.59
03M002	922.4	850.43	849.46	848.35	847.89	847.59	847.04	848.67	848.12
03L002	922.21	850.34	849.38	848.3	847.84	847.55	846.96	848.62	848.06
04U002	923.18	850.29	849.26	848.09	847.73	847.44	846.88	848.48	847.93
03U003	945	852.77	852.34	850.84	849.44	849.18	848.8	849.76	849.68
03M003	945.55	852.68	852.15	850.75	849.35	849.08	848.75	849.79	849.56
03L003	946.83	852.68	851.95	850.55	849.27	849.01	848.78	849.91	849.46
04U003	946.07	849.62	848.44	847.59	846.45	846.07	846.19	847.19	846.77
PJ#003	946.47	849.05		846.5	845.77	845.42	845.67	846.59	846.25
03U004	953	856.9	855.93	854.55	853.34	853.09	852.83	853.1	853.4
03M004	952.55	855.5	854.49	853.1	851.95	851.68	851.51	851.82	852.12
03L004	952.02	854.46	853.46	852.07	850.92	850.62	850.47	850.81	851.07
03U005	973.07	857	855.85	854.32	853.42	853.03	853.14	852.76	853.22
03M005	974.52	857.05	856.3	854.32	853.43	853.08	853.61	852.78	853.27
03L005	974.08	857.08	855.4	854.35	853.43	853.08	852.73	852.83	853.33
03U006	969.09	858.5	857.42	856.09	854.94	854.29	854.58	854.41	854.74
03U007	902.63	859.33	856.95	855.45	855.07	854.78	855.19	855.67	855.95
03M007	903.77	859.27	856.92	855.42	855.03	854.74	855.14	855.62	855.9
03L007	904.41	858.92	856.52	855.09	854.86	854.41	854.79	855.39	855.61
04U007	905.5	858.6	856.3	854.9	854.66	854.2	854.5	855.08	855.3
03U008	917.36	862.93	858.46	856.72	857.76	858.11	858.95	859.91	860.2
03U009	915.25	864.43	859.08	857.47	859.5	859.9	860.83	861.86	861.94
03U010	891	864.48	859.15	857.65	859.48	859.95	860.88	861.75	861.84
03M010	891.46	864.46	859.11	857.63	859.49	859.96	860.9	861.74	861.85
03L010	891.76	864.45	859.11	857.66	859.51	859.96	860.91	861.75	861.84
03U011	902.99	862.35	858.28	856.64	857.47	857.71	858.27	858.79	859.09
03U012	882.83	858.8	854.67	853.5	854.29	854.57	855.25	855.79	856.18
03M012	882.73	858.78	854.65	853.48	854.28	854.55	855.23	855.77	856.18
03L012	882.63	858.73	854.61	853.43	854.25	854.5	855.19	855.64	856.15
04U012	882.78	858.67	854.56	853.38	854.18	854.44	855.13	855.67	856.07
03U013	893.02	851.89	849.04	847.87	847.9	847.87	848.34	848.97	849.57
03M013	892.4	851.81	848.95	847.78	847.8	847.79	848.27	848.9	849.5
03L013	892.6	851.65	848.76	847.63	847.65	847.61	848.1	848.76	849.38
03U014	990.27	855.46	855.72	854.22	853.05	852.72	852.44	852.68	852.77
03L014	991.57	857.96	855.44	853.96	852.95	852.77	852.61	852.88	852.96
03U015	937.68	856.69	854.84	853.46	852.68	852.45	852.53	852.83	853.02
03U016	950.05	858.9	857.14	855.34	854.7	854.64	854.57	854.78	854.97
03U017	941.31	853.95	852.71	851.21	850.14	850.12	849.93	850.64	850.93

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*5/20/88*	*6/23/88*	*7/27/88*	*9/1/88*	*9/21/88*	*10/14/88*	*12/2/88*	*1/13/89*
03M017	941.93	853.92	852.67	851.22	850.13	850.11	849.93	850.62	850.93
03L017	942.07	853.91	852.67	851.12	850.12	850.09	849.92	850.62	850.88
03U018	991.62	856.53	855.34	853.81	852.67	852.53	852.35	852.6	852.82
03L018	991.49	856.38	855.1	853.59	852.57	852.39	852.21	852.52	852.74
03U019	946.54	857.64	856.55	854.97	853.9	853.62	853.41	853.54	853.83
03U020	955.7	854.42	853.48	851.95	850.75	850.63	850.34	851.02	850.83
03M020	957.03	854.38	853.39	851.91	850.73	850.61	850.36	850.98	851.08
03L020	956.73	854.31	853.31	851.83	850.68	850.52	850.27	850.93	851.03
04U020	957.86	853.82	851.97	852.11	850.16	850.06	849.91	850.61	850.7
03U021	947.3								849.69
03L021	946.74	852.23	851.34	849.92	849.03	848.84	848.37	849.63	849.41
03U022	901.88	859.88	856.56	855.05	855.26	855.34	855.72	855.97	856.23
03U023	901.51	859.49	856.71	854.41	854.96	855.12	855.67	856.06	856.28
03U024	896.99	858.67	855.67	854.25	854.29	854.31	854.61	854.77	855.04
03U025	889.07	856.84	853.91	852.56	852.6	852.51	852.9	853.24	853.72
03U027	968.8	854.7	853.82	852.31	851.12	850.9	850.6	851.25	851.5
03L027	969.42	854.6	853.7	852.22	851.03	850.8	850.51	851.17	851.43
04U027	969.49	853.24	852.09	850.69	849.76	849.44	849.31	850.14	850.39
PJ#027	970.05	853.15	852	850.6	849.71	849.38	849.28	850.1	850.34
03U028	959.76	854.18	853.37	851.86	850.61	850.39	850.12	850.58	850.86
03L028	958.93	854.09	853.23	851.13	850.55	850.31	850.08	850.55	850.82
03U029	957.27	853.69	853.1	851.53	849.79	849.95	848.62	850.07	850.42
03L029	956.95	853.35	852.6	851.08	849.86	849.7	849.4	850.05	850.1
03U030	961.42	855.38	854.38	852.92	851.77	851.52	851.32	851.47	851.85
03U031	900.94	854.64	852.84	851.54	850.56	850.49	850.66	850.79	851.34
03U032	1006.57	857.77	856.13	854.54	853.7	853.59	853.46	853.65	853.82
03U075	887.03	851.2	848.56	847.45	847.38	847.16	847.67	848.47	848.54
03U076	891.41	849.79	847.19	846.11	846.05	845.79	846.36	847.27	847.3
03U077	914.94	849.39	847.94	847.31	846.24	846.02	846.09	847.44	847.31
03L077	914.88	848.39	846.91	847.23	846.33	846.08	845.48	847.45	847.24
04U077	914.57	848.63	847.37	847.36	846.37	845.28	845.69	847.59	
04J077	914.6					847.15		847.59	847.22
03U078	929.85	850.22	850.38	848.15	847.45	846.83	846.45	849.19	847.95
03L078	930.18	850.26	849.52	848.15	848.07	847.8	846.93	848.83	847.88
03U079	925.99	849.79	849.78	847.61	847.16	847.36	845.89	849.25	847.04
03L079	926.29	850.39	849.73	848.23	847.22	848.04	846.67	849.14	847.34
03L080	963.45	855.44	854.45	852.97	851.82	851.58	851.33	851.83	852.09
03L081	948.96	857.25	855.87	854.4	853.46	853.16	853.1	853.34	853.65
03U082	901	861.7	857.88	856.26	856.85	857.08	857.57	857.95	858.15
03U083	893.9	856.9	854.42	852.92	852.63	852.5	852.74	852.9	853.5
03U084	900.98	849.74	848.01	846.77	846.18	846.1	846.27	847.38	847.37
03L084	900.58	849.98	848.26	846.88	846.39	846.3	846.47	847.56	900.58
03U087	1006.79	857.79	855.94	854.34	871.63	853.53	853.44	853.6	853.79

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*5/20/88*	*6/23/88*	*7/27/88*	*9/1/88*	*9/21/88*	*10/14/88*	*12/2/88*	*1/13/89*
03U088	986.36	858.11	856.06	854.48	853.86	853.77	853.75	853.86	854.06
03U089	975.3	858.08	856.05	854.49	853.85	853.75	853.75	853.86	854.1
03U090	984.92	857.24		854.32	853.37	853.13	852.97	853.15	853.3
03U092	963.3	856.7	855.76	854.15	853.03	852.74	852.45	852.7	852.93
03U093	996.01	856.5	855.28	853.04	852.71	852.49	852.26	852.56	852.79
03U094	999.64	856.89	855.89	854.37	853.24	852.92	852.65	852.84	852.94
03U096	997.02	856.39	854.93	853.4	852.48	852.37	852.21	852.54	852.81
03U111	927.69	861.5	858.86	856.78	856.7	856.94	857.12	857.43	857.74
03U112	980.8	857.63	856.49	854.85	853.8	853.55	853.4	853.5	853.66
03U113	976.83	857.93		854.83	853.98	853.77	853.65	853.76	853.93
03L113	977.15	857.8			853.83	853.65			853.85
03U301 (SC1)	957.41	889.76	853.16	851.46	849.79	849.91	833.28	850.09	850.36
03F302 (B1)	929.86	844.2	843.61	842.4	840.01	847.71	840.66	849.16	839.81
03F303 (B2)	925.04	829.58	836.29	825.55	847.59	847.14	827.95	848.94	828.25
03F304 (B3)	920.09	848.44	847.63	846.46	847.59	847.41	846.62	848.4	847.65
03F305 (B4)	915.75	915.75	848.8	847.78	847.33	847.16	840.98	848.2	841.69
03F306 (B5)	919.13	841.08	839.25	847.53	848.45	838.18			
03F307 (B6)	913.46	821.04	822.43	844.87		820.02			
03F308 (B7)	900.79							846.07	845.92
PJ#309 (B8)	914.35							848.1	847.55
PJ#310 (B9)	915.8							847.69	847.3
PJ#311 (B10)	905.97								
03F312 (B11)	944.24							851.05	850.4
PJ#313 (B12)	895.63							835.55	846.83
03U314 (SC2)	978.02							852.19	978.02
03U315 (SC3)	965.27							852.29	852.47
03U316 (SC4)	957.13							851.64	851.81
03U317 (SC5)	952.62							851.54	851.76
04U510	911.19	863.71		857.04	858.89	859.39	859.95	860.97	861.08
OW543U3	958.99	854.31	853.55	851.97	850.69	850.58	850.16	850.49	850.88
03U647	962.25	854.99	854.1	852.58	851.39	851.14	850.89	851.04	851.45
03U648	963.14	855.2	854.31	852.76	851.59	851.34	851.1	851.3	851.69
03U658	966.24	855.79	854.76	853.33	852.18	851.92	851.68	852.04	852.32
03U659	958.62	854.16	853.54	851.92	850.52	850.51	849.89	850.42	850.78
03U671	933.13	851.72	851.41	849.9	848.37	848.04	847.81	849.08	849.16
03U674	957.21	853.46	853.16	851.43	849.76	849.97	848.85	850.04	850.35
03U701	911.1	848.96	847.25	846.5	845.57	845.4	845.49	846.56	846.83
04U701	911.24	848.7	846.97	846.69	845.79	845.21	845.55	846.9	846.99
03U702	910.53	848.55	846.76	845.97	845.08	845.04	845.09	846.16	846.43
04U702	910.44	848.83	847.09	846.73	845.66	845.32	845.54	846.83	847.04
04J702	910.51							846.86	847.04
03U703	921.25	849.59	849.66	847.35	847.4	847	845.81	849.18	847.08
03U704	978.47	859.02	856.61	855.07	854.59	854.53	854.57	854.42	854.77

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*5/20/88*	*6/23/88*	*7/27/88*	*9/1/88*	*9/21/88*	*10/14/88*	*12/2/88*	*1/13/89*
03U705	1049.55	859.27	856.85	855.22	854.75	854.75	854.74		
03U706	920.63	859.08	856.28	854.82	854.61	854.56	854.77	854.69	855.03
03U707	918.28	859.41	856.43	854.91	854.86	854.88	855.17	855.3	855.58
03U708	921.97	851.18	850.89	849.5	847.91	847.52	847.39	848.9	848.82
04U708	921.66	849.85	848.86	847.72	847.36	847.1	846.54	848.11	847.55
04J708	922.04							847.35	847.4
03U709	912.63	850.08	849.43	848.31	846.85	846.36	846.56	848.13	848.03
04U709	912.52	849.42	848.56	847.73	847.2	846.86	846.26	848.07	847.57
03U710	946.76	851.69	851.54	849.85	848.46	848.25	847.82	849.38	848.91
03U711	908.81	849.6	848.88	848.13	846.83	846.25	846.36	847.54	847.6
04U711	908.73	848.64	847.38	847.63	843.18	845.22	845.58	846.92	846.68
03M713	898.41							846.41	846.4
04U713	897.73							848.34	848.35
04J713	898.38							847.03	846.95
04U714	893.89							846.5	846.68
04J714	894.19							846.63	846.68
03U715	963.59							852.16	852.36
03U716	952.1							851.55	839.3
E101	970.12								
E102	981.54								
E103	971.61								
Staff Gauges									
S.G. #1	860.42	858.2							
S.G. #2	862.84	862.74							
S.G. #3	865.29								
S.G. #1a	871.73								
S.G. #2a	872.02								
S.G. #3a	871.71								
Off TCAAP									
MPCA6	914.4	846.26	844.25	843.41	843.03	842.78	843.11	914.4	844.14
03U672 (PD2U3)	923.72	853.55	852.95	851.52	850.18	851.04	849.59	849.82	850.23
03U673 (PD3U3)	897.84	846.54	845.48	844.59	843.66	843.24	843.44	843.39	843.8
03L673 (PD3L3)	898.44	844.93	843.46	842.49	841.66	841.35	841.65	842.03	842.36
04U673 (PD3U4)	898.34	844.95	843.42	842.47	841.68	841.4	841.69	842.12	838.43
03U801 (T1U3)	914.82	850.04	849.39	848.72	847.07	846.68	846.89	848.25	847.22
03M802 (T2M3)	907.38	850.67	850.33	848.99	847.61	847.38	847.11	848.68	847.63
03L802 (T2L3)	907.93	850.5	849.61	848.98	847.23	846.9	847.34	848.32	847.43
04U802 (T2U4)	905.95	849.38	848.17	847.31	853.21	845.81	846	846.65	846.61
PJ#802 (T2PJ)	905.07	849.16	847.84	846.97	845.94	845.62	845.78	846.42	846.42
03U803 (T3U3)	900.89	849.13	848.29	847.65	846.54	845.94	845.99	846.43	846.54
03U804 (T4U3)	913.02	849.66	848.87	848.5	847.18	846.48	846.88	847.92	847.57

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*5/20/88*	*6/23/88*	*7/27/88*	*9/1/88*	*9/21/88*	*10/14/88*	*12/2/88*	*1/13/89*
03U805 (T5U3)	908.23	848.11		846.52	845.52	844.73	845.26	846.37	846.21
03U806 (T6U3)	911.96	848.19	846.51	845.81	845.1	844.7	844.9	845.96	846.26
03M806 (T6M3)	911.87	847.89	846.32	846.13	845.33	844.43	845.01	846.21	846.07
03L806 (T6L3)	912.16	847.81	846.24	845.99	845.22	844.37	844.95	846.11	846.01
04U806 (T6U4)	912.12	847.74	846.09	845.69	844.97	844.29	844.72	845.87	845.91
PJ#806 (T6PJ)	911.03	847.75	846.05	845.62	844.95	844.29	844.71	845.87	845.88
03L809 (T9L3)	914.32	848.78	847.02	846.34	845.84	845.29	845.79	846.57	846.57
03L841 (301L3)	911.91								
04U841 (301U4)	913.77								
04U847 (307U4)	916.1								
03L833	908.02	853.9	852.59	851.13	849.35	850.04	849.13	850.65	850.76
04U833	908.32	857.2	854.09	854.49	853.45	853.18	852.98	853.14	853.29
PJ#074	956.46								
04U835	977.84								

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*3/31/89*	*7/7/89*	*10/5/89*	*12/21/89*	*1/11/90*	*5/16/90*	*7/16/90*	*2/28/91*
On TCAAP									
03U001	891.2	844.09		841.44	841.39	841.43	841.67	841.34	842.28
03M001	890.76	844.03		841.28	841.26	841.26	841.53	841.27	842.11
03L001	891.37	843.68	841.38	841.17	841.05	841.07	841.33	841.02	841.9
04U001	891.28	843.59	841.28	841.05	840.93	840.98	841.22	840.91	841.78
03U002	919.89	845.37	844.15	843.45	842.68	842.51	842.65	842.41	843.09
03M002	922.4	844.58	843.09	842.6	841.91	841.8	841.93	841.73	842.36
03L002	922.21	844.49	842.98	842.49	841.84	841.71	841.81	841.62	842.26
04U002	923.18	843.76	834.38	841.88	841.18	841.06	841.21	841.03	841.64
03U003	945	846.74	845.5	844.85	844.5	844.1	844.15	843.73	844.48
03M003	945.55	846.28	844.95	844.27	844.3	843.84	843.87	843.52	844.27
03L003	946.83	845.63	844.15	843.47	844.13	843.55	843.63	843.33	844.04
04U003	946.07	844.42	843.05	842.37	842.09	841.72	841.9	841.58	842.37
PJ#003	946.47	844.12		841.89	841.51	840.66	841.49	841.18	841.91
03U004	953	852.15		849.94	849.57	849.38	849.32		849.8
03M004	952.55	850.71		848.41	848.11	847.93	847.83		848.34
03L004	952.02	849.66		847.37	847.12	846.9	846.81		847.32
03U005	973.07	852.49		850.65	850.04	849.94	849.77		850.3
03M005	974.52	853.04		851.13	850.56	850.47	850.31		850.38
03L005	974.08	852.08		850.21	849.63	849.54	849.38		850.41
03U006	969.09	853.99		851.75	851.46	851.27	851.2		851.78
03U007	902.63	855.43	853.68	852.78	852.9	852.78	852.47	852.36	853.43
03M007	903.77	855.37		852.73	852.82	852.72	852.39	852.27	853.35
03L007	904.41	855.02		852.38	852.47	852.36	852.01	851.83	853.07
04U007	905.5	854.65	852.59	852.02	852.05	851.95	851.58	851.31	852.68
03U008	917.36	860.9		857.57	858.31	858.31	857.91		859.51
03U009	915.25	862.78		859.22	860.14	860.25	859.9		870.37
03U010	891	862.95		859.34	860.32	860.45	860.06		861.48
03M010	891.46	862.92		859.33	860.3	860.46			
03L010	891.76	862.96		859.31	860.3	860.45			
03U011	902.99	860.78		857.29	858.04	858.15	857.72		859.06
03U012	882.83	856.48	853.51	853.11	853.83	854.03	853.63	853.6	854.87
03M012	882.73	856.48		853.11	853.83	854.03	853.62	853.59	854.87
03L012	882.63	856.42		853.07	853.82	853.98	853.6	853.54	854.8
04U012	882.78	856.33	853.37	852.97	853.7	853.88	853.49	853.46	854.73
03U013	893.02	847.97		845.19	845.42	845.63	845.44		846.2
03M013	892.4	847.9		845.12	845.4	845.58	845.4		846.2
03L013	892.6	847.75		844.93	845.2	845.45	845.24		846.06
03U014	990.27	852		849.72	849.44	849.25	849.15	848.99	849.79
03L014	991.57	852.27		849.93	849.77	849.57	849.5		850.22
03U015	937.68	852.73		850.13	850.11	850.03	849.99		850.82
03U016	950.05	855.35		852.75	852.67	864.7	852.59		853.48
03U017	941.31	849.06		846.98	846.36	846.21	846.36		847.01

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	TOC Elevation	3/31/89	7/7/89	10/5/89	12/21/89	1/11/90	5/16/90	7/16/90	2/28/91
03M017	941.93	849.03		846.97	846.32	846.23	846.33		846.97
03L017	942.07	849.07		846.94	846.14	846.22	846.32		846.97
03U018	991.62	851.98		849.72	849.25	849.24	849.19		849.9
03L018	991.49	851.82		849.55	849.09	849.07	849.04		849.76
03U019	946.54	853.44		851.09	850.87	850.73	850.63		851.34
03U020	955.7	849.35	848.2	847.18	846.63	846.51	846.65	846.45	847.18
03M020	957.03	849.27	848.06	847.08	846.79	846.52	846.6	846.39	847.09
03L020	956.73	849.27	848.02	847.03	846.58	846.52	846.55	846.36	847.1
04U020	957.86	848.91	846.87	846.05	846.21	846.16	846.28	846.09	846.8
03U021	947.3	847.25		845.2	844.55	844.5	844.51		844.98
03L021	946.74	846.79		844.84	844.19	844.12	844.14		844.6
03U022	901.88	857.43		854.24	854.78	854.86	854.53		855.73
03U023	901.51	857.13		853.87	854.51	854.63	854.25		855.5
03U024	896.99	855.84		852.77	853.17	853.29	852.99		854.06
03U025	889.07	853.55		850.61	850.96	851.07	850.81		851.83
03U027	968.8	849.71		846.53	847.17	846.87	846.97		847.52
03L027	969.42	849.61		847.4	847.07	846.84	846.85		847.37
04U027	969.49	848.19		845.81	845.63	845.44	845.44		845.96
PJ#027	970.05	848.18		845.76	845.57	845.4	845.46		845.95
03U028	959.76	848.92		846.87	846.52	846.35	846.23		846.72
03L028	958.93	848.86		846.78	846.43	846.31	846.18		846.67
03U029	957.27	847.13		845.73	844.84	844.73	845.52		844.93
03L029	956.95	847.68		845.6	845.45		845.15		845.59
03U030	961.42	850.47		848.33	848.02	847.85	847.71		848.26
03U031	900.94	850.14		847.69	847.65	847.54	847.54		848.3
03U032	1006.57	853.9		851.36	851.35	851.22	851.09		851.97
03U075	887.03	846.98		844.28	844.43	844.72	844.52		845.25
03U076	891.41	845.41		842.74	842.86	843.16	842.98		843.65
03U077	914.94	842.31		841.74	841.86	841.12	841.28		841.78
03L077	914.88	843.73		840.16	839.53	839.51	839.66		840.18
04U077	914.57			840.36	839.57	839.51	839.67		840.19
04J077	914.6	840.02		837.71	836.53	836.5	837.1		837.9
03U078	929.85	844.45		842.91	842.2	841.8	841.24		841.67
03L078	930.18	844.55		842.68	842.16	841.83	841.7		842.24
03U079	925.99	843.64		841.94	842.61	840.87	840.78		841.08
03L079	926.29	844.34		842.48	843.01	841.69	841.69		842.09
03L080	963.45	850.61		848.36	848.06	847.9	847.84		848.38
03L081	948.96	852.96		850.61	850.41	850.26	850.17		850.92
03U082	901	859.9		856.53	857.18	857.29	856.92		858.21
03U083	893.9	853.15		850.35	850.53	850.6	850.36		851.31
03U084	900.98	843.98		841.93	841.47	841.48	841.62		842.24
03L084	900.58	844.03		842.05	841.58	841.58	841.72		842.31
03U087	1006.79	854.11		851.49	851.58	851.48	851.34		852.23

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*3/31/89*	*7/7/89*	*10/5/89*	*12/21/89*	*1/11/90*	*5/16/90*	*7/16/90*	*2/28/91*
03U088	986.36	854.6		851.88	852.01	851.91	851.76		852.72
03U089	975.3	854.55		851.85	851.97	851.9	851.73		852.69
03U090	984.92	853.07		850.66	850.47	850.39	850.25		850.99
03U092	963.3	852.08		849.76	849.28	849.28	849.2		849.87
03U093	996.01	852.01		849.31	849.27	849.26	849.21	849.16	849.97
03U094	999.64	852.34		850.07	849.76	849.6	849.4		850.1
03U096	997.02	852.06		849.79	849.35	849.34	849.32		850.09
03U111	927.69	859.62		856.58	856.75	856.99	856.9		858.31
03U112	980.8	853.45		851.1	850.91	850.79	850.65		851.37
03U113	976.83	853.93		851.48	851.38	851.23	851.14		851.91
03L113	977.15	853.85		851.36	851.3	851.15	851.06		851.84
03U301 (SC1)	957.41	830.51		831.41	827.06	831.01	845.46	829.41	828.41
03F302 (B1)	929.86	848.62	837.86	837.06		855.26	836.66	835.86	836.46
03F303 (B2)	925.04	827.49	829.54	828.34	830.44	828.64	821.24	820.94	820.44
03F304 (B3)	920.09	842.59	840.99	840.49	840.09	839.89	840.09	839.59	840.39
03F305 (B4)	915.75	837.55	836.35	836.25	834.55	834.35	835.45	835.15	835.72
03F306 (B5)	919.13		834.43	833.03	832.43	832.73	832.73	832.23	833.48
03F307 (B6)	913.46	828.59	827.16	826.76	826.36	826.36	825.76	826.26	826.36
03F308 (B7)	900.79	834.87	833.19	832.79	832.49	832.29	831.69	830.29	830.99
PJ#309 (B8)	914.35	840.05	839.35	834.95	807.55	838.25	838.95	838.85	838.35
PJ#310 (B9)	915.8	838.1	835.3	835.3	833.9	833.9	835.1	835.2	836
PJ#311 (B10)	905.97	839.26	838.77	838.87	844.27	837.37	838.07	836.87	837.67
03F312 (B11)	944.24	837.5	834.74	834.54	828.14	838.04	838.84	838.24	838.44
PJ#313 (B12)	895.63	839.68	837.93	836.93	836.63		837.83	837.63	836.23
03U314 (SC2)	978.02	842.54	841.52	842.32	841.32	839.92	843.42	846.02	844.97
03U315 (SC3)	965.27	845.18	844.67	842.77	842.47	842.87	842.37	841.17	841.47
03U316 (SC4)	957.13	835.26	836.13	836.63	826.23	830.03	833.73	831.73	831.23
03U317 (SC5)	952.62	845.58	844.62	843.72	843.62	843.42	851.92	843.12	843.02
04U510	911.19	862.05		858.48	859.32	859.39	859.11		860.57
OW543U3	958.99	849.09		847.02	846.65	846.48	846.38		846.77
03U647	962.25	849.78		847.85	847.5	847.36	847.23		847.75
03U648	963.14	850.19		848.07	847.73	847.59	847.44		847.99
03U658	966.24	851.02		848.76	848.48	848.24	848.18		848.71
03U659	958.62	848.57		846.65	846.2	846	846.05		846.34
03U671	933.13	846.18		844.4	843.19	843.33	843.28		843.63
03U674	957.21	847.31		845.47	844.99	844.86	845.4		845.06
03U701	911.1	843.4		841.18	840.75	840.99	841.01		841.45
04U701	911.24	842.92		839.8	839	839.27	839.43		839.8
03U702	910.53	843.03		840.75	839.89	840.63	840.66		841.08
04U702	910.44	842.77		840.49	840.24	840.09	840.14		840.48
04J702	910.51	842.41		840.16	839.36	839.61	839.74		840.11
03U703	921.25	843.71		842.13	842.05	841.15	840.68		841.09
03U704	978.47	846.82	854.58	853.02	853.22	853.17	853.01	853.19	854.01

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*3/31/89*	*7/7/89*	*10/5/89*	*12/21/89*	*1/11/90*	*5/16/90*	*7/16/90*	*2/28/91*
03U705	1049.55			853.41	853.72	853.6	853.46		854.53
03U706	920.63	856.18	854.58	853.16	853.53	853.58	853.37	853.51	854.37
03U707	918.28	856.81		853.73	854.18	854.24	854.03		855.1
03U708	921.97	845.62		843.87	842.86	842.67	842.7		843.02
04U708	921.66	844.45		842.08	841.35	841.16	841.36		841.78
04J708	922.04	843.74		841.64	840.86	840.68	840.83		841.26
03U709	912.63	844.53		842.63	841.79	841.68	841.86		842.25
04U709	912.52	844.08		841.04	841.36	840.22	840.37		840.76
03U710	946.76	845.57		843.8	843.47	842.88	842.86		843.16
03U711	908.81	843.85	842.6	841.93	841.21	841.01	841.29	840	841.69
04U711	908.73	842.78	841.23	840.68	840.19	839.93	840.34	840.9	840.52
03M713	898.41	842.11	840.21	840.06	839.56	839.61	839.81	839.59	840.31
04U713	897.73	844.08	842.45	842.55	841.82	841.83	841.99	841.81	842.58
04J713	898.38	842.08	840.22	840.04	839.3	839.38	839.67	839.41	839.98
04U714	893.89	843.13	840.99	840.8	840.54	840.59	840.83	840.54	841.33
04J714	894.19	843.19	840.86	840.68	840.4	840.48	840.71	840.47	841.18
03U715	963.59	850.99	850.07	848.76	848.24	848.19	848.2	848.06	848.79
03U716	952.1	849.75	848.56	847.69	847	846.95	847.05	846.89	847.68
E101	970.12								
E102	981.54								
E103	971.61								
Staff Gauges									
S.G. #1	860.42	854.79		857.16			856.22		855.62
S.G. #2	862.84			862.79			860.94		860.64
S.G. #3	865.29								865.05
S.G. #1a	871.73								
S.G. #2a	872.02								
S.G. #3a	871.71								
Off TCAAP									
MPCA6	914.4	841.3		839.1	838.65	838.95	839.01		839.26
03U672 (PD2U3)	923.72	847.85	846.72	845.86	845.55	845.42	845.31	844.92	845.68
03U673 (PD3U3)	897.84	841.95	840.46	840.09	839.13	839.33	839.14	838.84	839.13
03L673 (PD3L3)	898.44	840.38	838.59	838.35	837.75	837.94	837.94	837.51	837.95
04U673 (PD3U4)	898.34	840.45	838.79	838.43	837.84	838.03	838.04	837.6	838.08
03U801 (T1U3)	914.82	844.13		842.2	842.07	841.81	841.5	841.21	841.89
03M802 (T2M3)	907.38	843.93		842.73	842.68	842.28	841.88	841.5	842.36
03L802 (T2L3)	907.93	845.16	843.11	842.44	842.52	842.13	841.93	841.54	842.29
04U802 (T2U4)	905.95	844.07		841.93	841.65	841.65	841.65	841.25	841.94
PJ#802 (T2PJ)	905.07	843.97		841.95	841.49	841.52	841.57	841.13	841.73
03U803 (T3U3)	900.89	843.89		841.65	841.19	841.29	841.03		841.21
03U804 (T4U3)	913.02	843.87		841.9	841.36	841.39	841.27		841.61

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*3/31/89*	*7/7/89*	*10/5/89*	*12/21/89*	*1/11/90*	*5/16/90*	*7/16/90*	*2/28/91*
03U805 (T5U3)	908.23	842.48		840.32	839.82	840.01	840.03		840.31
03U806 (T6U3)	911.96	842.71		840.48	840.02	840.28	840.35	839.93	840.74
03M806 (T6M3)	911.87	842.16		839.91	839.41	839.66	839.72	839.31	840.06
03L806 (T6L3)	912.16	842.1	840.26	839.86	839.36	839.61	839.68	839.26	840.01
04U806 (T6U4)	912.12	841.97	840.07	839.73	839.21	839.47	839.57	839.14	839.86
PJ#806 (T6PJ)	911.03	841.95		839.74	839.16	839.43	839.52	839.13	839.84
03L809 (T9L3)	914.32	843.56		841.17	840.92	841.17	841.22		841.46
03L841 (301L3)	911.91						837.39		837.41
04U841 (301U4)	913.77						838.79		838.77
04U847 (307U4)	916.1						838.2		838.38
03L833	908.02	848.99		845.96	846.28	846.24			
04U833	908.32	852.89		850.54	850.34	850.24			
PJ#074	956.46								
04U835	977.84								

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*6/3/91*	*9/3/91*	*9/27/91*	*12/6/91*	*3/24/92*	*6/1/92*	*9/1/92*	*10/8/92*
On TCAAP									
03U001	891.2	842	841.05	841.7	843.01	843.51	843.25	842.79	843.62
03M001	890.76	841.81	840.89	841.54	842.83	843.31	843.14	842.66	843.48
03L001	891.37	841.64	840.71	841.3	842.6	843.12	842.9	842.45	843.26
04U001	891.28	841.55	840.58	841.2	842.5	842.99	842.79	842.33	843.14
03U002	919.89	842.89	842.36	842.59	843.84	844.49	844.97	844.54	844.82
03M002	922.4	842.2	841.75	841.95	843.18	843.84	844.25	843.8	844.18
03L002	922.21	842.1	841.49	841.85	843.1	843.75	844.15	843.7	844.09
04U002	923.18	841.44	840.9	841.18	842.46	843.08	843.43	843	843.42
03U003	945	844.2	843.75	843.89	845.14	845.66	846.5	846.26	846.52
03M003	945.55	844.02	843.55	843.7	844.96	845.51	846.37	846.14	846.41
03L003	946.83	843.78	843.32	843.49	844.7	845.23	846.01	845.73	846.07
04U003	946.07	842.16	841.62	841.85	843.11	843.64	844.1	843.81	844.33
PJ#003	946.47	841.66	841.06	841.37	842.63	843.2	843.45	843.16	843.7
03U004	953			849.35		851.3			851.97
03M004	952.55			847.87		849.82			850.48
03L004	952.02			846.83		848.81			849.47
03U005	973.07			849.85		851.27			852.72
03M005	974.52			849.83		851.84			852.74
03L005	974.08			849.86		851.9			852.78
03U006	969.09			850.94		853.28			854.2
03U007	902.63	853.1	852.51	852.88	854.61	855.23	855.28	854.88	855.64
03M007	903.77	853.03	852.42	852.78	854.52	855.14	855.21	854.81	855.57
03L007	904.41	852.69	852.14	852.31	854.18	854.71	854.7	854.31	855.12
04U007	905.5	852.37	851.88	851.85	853.74	854.12	854.25	853.83	854.66
03U008	917.36			859.45		861.49			861.1
03U009	915.25			861.88		863.62			863.16
03U010	891			862.08		863.84			863.21
03M010	891.46			862.08		863.68			863.18
03L010	891.76			862.18		863.74			863.18
03U011	902.99			859.27		861.19			860.61
03U012	882.83	855.15	853.83	854.93	856.21	856.84	856.21	855.25	856.26
03M012	882.73	855.13	853.83	854.92	856.2	856.83	856.19	855.24	856.24
03L012	882.63	855.08	853.78	854.86	856.16	856.81	856.18	855.18	856.19
04U012	882.78	855	853.68	854.76	856.06	856.68	856.06	855.09	856.09
03U013	893.02			845.86		847.83			847.69
03M013	892.4			845.85		847.84			847.66
03L013	892.6			845.67		847.65			847.51
03U014	990.27	849.78	849.3	849.48	850.59	851.57	852.19	851.33	851.96
03L014	991.57	850.15	849.58	849.84	851.05	851.92	852.47	851.9	852.3
03U015	937.68			850.62		852.64			852.7
03U016	950.05			853.35		855.4			855.43
03U017	941.31			846.64		848.51			848.89

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*6/3/91*	*9/3/91*	*9/27/91*	*12/6/91*	*3/24/92*	*6/1/92*	*9/1/92*	*10/8/92*
03M017	941.93			846.62		848.48			848.87
03L017	942.07			846.64		848.51			848.84
03U018	991.62			849.62		852.26			851.95
03L018	991.49			849.44		851.47			851.78
03U019	946.54			851.09		853.1			853.44
03U020	955.7	847.11	846.63	846.83	848.01	848.8	849.36	848.84	849.11
03M020	957.03	847.06	846.52	846.73	847.93	848.68	849.28	848.73	849.05
03L020	956.73	847.03	846.53	846.73	847.93	848.71	849.26	848.74	849.05
04U020	957.86	846.82	846.25	846.56	847.82	848.5	848.97	848.36	848.76
03U021	947.3			844.76		846.45			846.8
03L021	946.74			843.99		846.09			846.46
03U022	901.88			855.81		857.75			857.35
03U023	901.51			855.58		857.53			857.05
03U024	896.99			854.09		856.04			855.74
03U025	889.07			851.76		853.71			853.47
03U027	968.8			847.12		849.08			849.47
03L027	969.42			846.97		848.98			849.36
04U027	969.49			845.61		847.55			847.87
PJ#027	970.05			845.58		847.55			847.87
03U028	959.76			846.31		848.28			848.72
03L028	958.93			846.26		848.23			848.68
03U029	957.27			844.47		846.27			846.87
03L029	956.95			845.11		847.03			847.61
03U030	961.42			847.88		849.85			850.36
03U031	900.94			848		850.04			850.05
03U032	1006.57			851.73		853.81			853.93
03U075	887.03			844.87		846.82			840.67
03U076	891.41			843.19		844.97			845.05
03U077	914.94			841.19		843.19			843.45
03L077	914.88			839.64		841.69			841.84
04U077	914.57			839.67		841.68			841.92
04J077	914.6			837.38		839.11			839.42
03U078	929.85			840.56		842.33			843.13
03L078	930.18			841.84		843.77			844.26
03U079	925.99			840.31		842.16			843
03L079	926.29			841.69		843.4			844.19
03L080	963.45			847.99		849.99			850.44
03L081	948.96			850.49		852.58			852.97
03U082	901			858.36		860.29			859.76
03U083	893.9			851.2		853.15			853.08
03U084	900.98			841.67		843.58			843.83
03L084	900.58			841.75		843.64			843.89
03U087	1006.79			852.07		881.09			854.19

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*6/3/91*	*9/3/91*	*9/27/91*	*12/6/91*	*3/24/92*	*6/1/92*	*9/1/92*	*10/8/92*
03U088	986.36			852.61		854.69			854.67
03U089	975.3			852.58		854.62			854.61
03U090	984.92			850.81		852.88			853.05
03U092	963.3			849.61		851.64			851.98
03U093	996.01	849.98	849.5	849.66	850.85	851.71	852.31	851.65	851.98
03U094	999.64			849.84		851.99			852.31
03U096	997.02			849.78		851.84			852.06
03U111	927.69			858.19		860.36			859.84
03U112	980.8			851.18		853.21			853.47
03U113	976.83			851.72		853.79			853.95
03L113	977.15			851.63		853.67			853.71
03U301 (SC1)	957.41	826.86	829.41	829.16	830.41	827.01	829.11	828.41	829.25
03F302 (B1)	929.86	834.96	835.24	835.26	836.46	837.06	837.56	838.06	866.86
03F303 (B2)	925.04	817.64	810.69	806.44	806.54	806.14	806.54	821.14	821.04
03F304 (B3)	920.09	839.89	839.68	840.04	841.49	842.09	842.39	841.89	843.09
03F305 (B4)	915.75	836.01	835.45	835.5	836.55	837.35	837.85	837.45	836.75
03F306 (B5)	919.13	832.08	831.83	831.98	832.83	838.93	834.13	833.63	834.13
03F307 (B6)	913.46	826.46	913.46	825.96	827.16	830.36	826.66	826.76	858.46
03F308 (B7)	900.79	826.24	900.79	823.29	824.19	823.59	822.09	821.79	820.79
PJ#309 (B8)	914.35	838.15	838.25	838.65	839.55	840.35	840.85	840.15	839.35
PJ#310 (B9)	915.8	835.7	835.65	835.7	836.8	837.4	837.5	837.2	836.8
PJ#311 (B10)	905.97	837.72	905.97	837.02	838.77	839.27	838.47	838.52	837.97
03F312 (B11)	944.24	838.86	838.34	838.49	839.64	840.24	841.14	841.04	841.24
PJ#313 (B12)	895.63	837.43	836.53	836.91	838.03	838.73	838.83	838.13	807.63
03U314 (SC2)	978.02	845.1	840.07	840.6	846.22	841.32	846.72	848.22	845.02
03U315 (SC3)	965.27	842.25	842.42	842.62	843.87	844.77	845.47	844.27	828.27
03U316 (SC4)	957.13	831.93	832.13	832.63	833.63	836.53	838.53	839.53	843.13
03U317 (SC5)	952.62	843.92	842.72	842.22	843.82	844.12	844.42	843.72	843.62
04U510	911.19			860.83		862.56			862.18
OW543U3	958.99			846.86		848.59			848.68
03U647	962.25			847.35		849.31			849.84
03U648	963.14			847.59		849.56			850.07
03U658	966.24			848.29		850.28			850.86
03U659	958.62			845.89		847.8			848.36
03U671	933.13			842.99		844.818			845.39
03U674	957.21			844.56		846.42			846.97
03U701	911.1			840.8		842.75			843.02
04U701	911.24			839.19		841.06			841.26
03U702	910.53			840.42		842.35			842.61
04U702	910.44			839.87		841.82			842
04J702	910.51			839.53		841.46			841.56
03U703	921.25			840.1		841.9			842.69
03U704	978.47	854.25	853.57	854.02	855.25	856.04	856.47	855.45	855.97

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*6/3/91*	*9/3/91*	*9/27/91*	*12/6/91*	*3/24/92*	*6/1/92*	*9/1/92*	*10/8/92*
03U705	1049.55	854.8	854.05	854.55	855.8	856.64	857.03	855.98	856.53
03U706	920.63	854.65	853.87	854.45	855.59	856.39	854.57	855.61	856.21
03U707	918.28			855.14		857.11			856.8
03U708	921.97			842.42		844.22			844.83
04U708	921.66			841.35		843.23			843.62
04J708	922.04			840.81		842.63			843
03U709	912.63			841.74		843.64			844
04U709	912.52			840.32		842.2			842.51
03U710	946.76			842.54		844.32			845.14
03U711	908.81	841.33	839.64	839.95	842.59	843.5	843.4	842.99	843.42
04U711	908.73	840.28	840.73	840.84	841.44	841.91	842.17	841.78	842.32
03M713	898.41	840.03	839.15	839.6	840.89	841.47	841.44	840.99	841.71
04U713	897.73	842.42	841.7	842.06	843.35	844.01	844.15	843.65	844.21
04J713	898.38	839.74	838.88	839.34	840.65	841.2	841.14	840.71	841.38
04U714	893.89	841.08	840.15	840.7	841.98	842.54	842.32	841.94	842.69
04J714	894.19	840.94	840.05	840.57	841.88	842.42	842.29	841.84	842.59
03U715	963.59	848.83	848.32	848.5	849.7	850.5	851.26	850.69	850.95
03U716	952.1	847.63	847.1	847.3	848.57	849.18	849.88	849.31	849.68
E101	970.12								
E102	981.54								
E103	971.61								
Staff Gauges									
S.G. #1	860.42			865.66		867.57			854.27
S.G. #2	862.84			865.89		867.81			858.87
S.G. #3	865.29			866.04		867.47			864.11
S.G. #1a	871.73								
S.G. #2a	872.02								
S.G. #3a	871.71								
Off TCAAP									
MPCA6	914.4			838.6		840.55			840.78
03U672 (PD2U3)	923.72	845.36	845.11	845.05	846.32	846.9	847.68	847.34	847.76
03U673 (PD3U3)	897.84	838.73	838.19	838.39	839.5	840.08	840.61	840.11	840.82
03L673 (PD3L3)	898.44	837.67	836.99	837.29	838.54	838.66	839.48	838.96	839.68
04U673 (PD3U4)	898.34	837.79	837.12	837.44	838.69	839.82	839.59	839.1	839.79
03U801 (T1U3)	914.82	842.12	841.17	841.28	842.52	843.15	843.73	843.47	843.87
03M802 (T2M3)	907.38	841.8	841.43	841.51	842.76	843.3	844.01	843.83	844.15
03L802 (T2L3)	907.93	841.92	841.53	841.69	842.93	843.51	844.11	843.87	844.29
04U802 (T2U4)	905.95	841.68	841.2	841.44	842.67	843.22	843.67	843.38	843.89
PJ#802 (T2PJ)	905.07	841.49	840.97	841.21	842.43	842.95	843.14	842.95	843.54
03U803 (T3U3)	900.89			840.49		842.25			843.08
03U804 (T4U3)	913.02			841.13		843.07			843.51

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*6/3/91*	*9/3/91*	*9/27/91*	*12/6/91*	*3/24/92*	*6/1/92*	*9/1/92*	*10/8/92*
03U805 (T5U3)	908.23			839.76		841.73			842.01
03U806 (T6U3)	911.96	840.44	839.7	840.06	841.39	842.04	842.1	841.66	842.29
03M806 (T6M3)	911.87	839.72	839.07	839.42	840.73	841.45	841.47	841.03	841.63
03L806 (T6L3)	912.16	839.74	839.02	839.38	840.7	841.42	841.43	841	841.6
04U806 (T6U4)	912.12	839.57	838.86	839.23	840.55	841.22	841.22	840.77	841.41
PJ#806 (T6PJ)	911.03	839.55	838.83	839.2	840.52	841.17	841.16	840.73	841.38
03L809 (T9L3)	914.32			840.83		842.8			843.02
03L841 (301L3)	911.91			836.66		838.61			838.99
04U841 (301U4)	913.77			838.1		840.05			840.42
04U847 (307U4)	916.1			837.7		839.65			839.91
03L833	908.02								
04U833	908.32								
PJ#074	956.46								
04U835	977.84								

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*3/2/93*	*9/10/93*	*3/1/94*	*9/2/94*	*3/9/95*	*9/6/95*	*5/29/96*	*9/4/96*
On TCAAP									
03U001	891.2	844.75	846.23	847.86	846.08	845.69	844.72	846.84	844.65
03M001	890.76	844.6	846.06	847.74	845.96	845.52	845.12	846.71	844.52
03L001	891.37	844.35	845.81	847.54	845.71	845.28	845.43	846.48	844.35
04U001	891.28	844.26	845.7	847.45	845.6	845.16	844.77	846.38	844.24
03U002	919.89	845.75	847.13	848.84	847.56	847.53	847.02	848.22	846.92
03M002	922.4	845.07	846.4	848.05	846.72	846.55	846.09	847.37	845.9
03L002	922.21	844.99	846.31	848	846.62	846.53	846.03	847.31	845.83
04U002	923.18	844.32	845.5	847.17	845.74	845.53	844.93	846.13	844.7
03U003	945	847.23	848.3	850.27	849.45	849.2	848.89	849.82	848.96
03M003	945.55	847.14	848.16	850.1	849.39	849.08	848.77	849.74	848.84
03L003	946.83	846.83	847.73	849.54	848.84	848.65	848.2	849.12	848.14
04U003	946.07	845.16	846.43	847.98	846.9	846.96	846.47	847.69	846.3
PJ#003	946.47	844.54	845.68	847.33	846.01	845.93	845.43	846.74	845
03U004	953	852.72	853.78	855.64	854.79	854.6	852.88	854.14	853.67
03M004	952.55	851.23	852.32	854.17	853.27	853.26	853.42	854.55	852.46
03L004	952.02	850.22	851.29	853.15	852.26	852.25	851.41	852.65	851.46
03U005	973.07	853.21	854	856.14	855.25	855.55	854.37	855.72	854.27
03M005	974.52	853.23	854.07	856.18	855.27	855.59	854.4	855.75	854.27
03L005	974.08	853.3	854.14	856.24	855.33	855.62	854.47	855.81	854.32
03U006	969.09	854.7	855.18	857.52	856.69	856.81	856.4	857.15	855.82
03U007	902.63	856.18	857.25	859.11	857.85	858.28	857.75	857.47	856.49
03M007	903.77	856.11	857.17	859.05	857.78	858.22	857.67	859.79	856.42
03L007	904.41	855.75	856.75	858.68	857.28	857.89	857.43	858.19	856.04
04U007	905.5	855.37	856.3	858.18	856.82	857.51	857.09	857.62	855.6
03U008	917.36	862.1	863.66	864.88	863.11	864.01	863.27	864.72	860.94
03U009	915.25	863.93	865.97	866.69	864.9	865.68	865.18	866.77	862.43
03U010	. 891	864.05	865.98	866.81	865	865.79	865.2	866.71	862.43
03M010	891.46	864.02	865.95	866.81	864.98	865.8	865.18	866.71	862.41
03L010	891.76	864.03	865.91	866.72	864.89	865.69	865.05	866.55	862.24
03U011	902.99	861.73	863.34	864.56	862.87	863.65	862.81	864.21	860.81
03U012	882.83	857.4	858.97	860.35	858.5	859.13	857.99	859.54	856.19
03M012	882.73	857.39	858.94	860.35	858.49	859.12	857.99	859.53	856.18
03L012	882.63	857.35	858.9	860.31	858.45	859.08	857.94	859.49	856.16
04U012	882.78	857.24	858.79	860.2	858.35	858.96	857.82	859.37	856.04
03U013	893.02	848.79	850.11	851.9	850.17	850.26	849.22	850.71	848.62
03M013	892.4	848.77	850.1	851.89	850.15	850.22	849.17	850.67	848.58
03L013	892.6	848.61	849.93	851.72	849.99	850.08	849.02	850.52	848.44
03U014	990.27	852.73	853.97	855.71	854.9	854.88	853.04	854.29	852.86
03L014	991.57	853.12	854.38	856.11	855.12	855.19	855.38	856.54	855.32
03U015	937.68	853.7	855.02	856.74	855.54	855.78	855.06	856.18	854.51
03U016	950.05	856.42	857.8	859.49	858.23	858.55	857.79	858.9	857.08
03U017	941.31	849.78	851.07	852.85	851.64	851.72	851.13	852.18	850.79

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*3/2/93*	*9/10/93*	*3/1/94*	*9/2/94*	*3/9/95*	*9/6/95*	*5/29/96*	*9/4/96*
03M017	941.93	849.76	851.05	852.84	851.61	851.69	851.08	852.18	850.78
03L017	942.07	849.76	851.06	852.83	851.6	851.67	851.07	852.18	850.74
03U018	991.62	852.84	854.17	855.96	854.93	855	854.31	855.36	854.02
03L018	991.49	852.66	854.01	855.77	854.71	854.79	854.1	855.16	853.76
03U019	946.54	854.29	855.55	857.3	856.41	856.46	855.67	856.8	855.46
03U020	955.7	850.05	851.31	853.09	852.02	852.01	851.23	852.51	851.27
03M020	957.03	849.94	851.23	852.95	851.88	851.82	851.04	852.3	851.03
03L020	956.73	849.95	851.23	853	851.92	851.9	851.14	852.43	851.15
04U020	957.86	849.7	851.07	852.77	851.57	851.64	850.78	852.19	850.73
03U021	947.3	847.73	849.05	850.84	849.69	849.6	849.04	850.2	848.96
03L021	946.74	847.38	848.67	850.4	849.28	849.16	848.6	849.8	848.49
03U022	901.88	858.46	859.96	861.35	859.83	860.35	859.58	860.82	858.06
03U023	901.51	858.17	859.67	861.06	859.37	859.91	859.08	860.41	857.3
03U024	896.99	856.85	858.29	859.78	858.33	858.73	858.01	859.19	856.73
03U025	889.07	854.56	855.99	857.56	856.06	856.33	855.63	856.9	854.48
03U027	968.8	850.36	851.56	853.36	852.36	852.32	851.59	852.83	851.6
03L027	969.42	850.25	851.46	853.24	852.24	852.22	851.46	852.74	851.48
04U027	969.49	848.76	849.94	851.69	850.58	850.53	849.71	851.13	849.72
PJ#027	970.05	848.75	849.94	851.66	850.55	850.51	849.69	851.1	849.63
03U028	959.76	849.57	850.72	852.63	851.62	851.61	850.82	852.14	850.92
03L028	958.93	849.52	850.65	852.59	851.55	851.56	850.75	852.07	850.82
03U029	957.27	847.69	848.87	850.98	850.03	850.01	849.23	851.3	850.24
03L029	956.95	848.41	849.44	851.41	850.43	850.44	849.59	850.87	849.77
03U030	961.42	851.12	852.23	854.18	853.22	853.26	852.42	853.67	852.4
03U031	900.94	851.07	852.51	854.14	852.81	852.92	852.35	853.6	851.84
03U032	1006.57	854.89	856.18	857.9	856.79	857.01	856.3	857.36	855.64
03U075	887.03	847.85	849.4	850.9	849.25	849.03	848.37	849.98	847.74
03U076	891.41	846.22	847.73	849.27	847.56	847.24	846.61	848.26	846.05
03U077	914.94	844.41	845.74	847.46	846.02	845.89	845.39	846.82	845.19
03L077	914.88	842.78	844.11	845.77	844.21	844.09	843.6	844.99	843.31
04U077	914.57	842.83	844.15	845.8	844.28	844.14	843.65	845.02	843.36
04J077	914.6	840.17	841.4	843.06	841.65	841.37	840.67	841.7	840.14
03U078	929.85	844.06	845.48	847.55	846.68	846.52	846.42	847.64	846.64
03L078	930.18	845.14	846.43	848.04	846.88	846.71	846.28	847.58	846.17
03U079	925.99	843.72	845.22	846.98	845.82	845.73	845.45	846.77	845.65
03L079	926.29	844.94	846.2	847.86	846.8	846.66	846.26	847.41	846.27
03L080	963.45	851.28	852.45	854.27	853.3	853.29	852.51	853.75	852.48
03L081	948.96	853.76	854.86	856.72	855.75	855.91	854.98	856.22	854.75
03U082	901	860.9	862.49	863.74	862.12	862.81	862	863.35	860.13
03U083	893.9	854.13	855.51	857.13	855.79	856.02	855.37	856.55	854.49
03U084	900.98	844.78	846.1	847.82	846.37	846.19	845.73	847.25	845.49
03L084	900.58	844.86	846.18	847.89	846.52	846.24	845.77	847.32	845.55
03U087	1006.79	875.2	856.54	858.22	857.05	857.33	856.59	857.66	855.94

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*3/2/93*	*9/10/93*	*3/1/94*	*9/2/94*	*3/9/95*	*9/6/95*	*5/29/96*	*9/4/96*
03U088	986.36	855.69	857.07	858.7	857.51	857.81	857.07	858.16	856.35
03U089	975.3	855.64	857.01	858.63	857.45	857.74	857.01	858.09	856.3
03U090	984.92	853.98	855.31	856.99	856.04	856.09	855.33	856.49	855.05
03U092	963.3	852.86	854.12	855.89	854.99	854.99	854.2	855.33	854.08
03U093	996.01	852.91	854.21	856.02	854.97	855.06	854.36	855.42	854.05
03U094	999.64	853	854.32	855.98	855.21	855.2	854.42	855.54	854.32
03U096	997.02	852.99	854.33	856.08	854.94	855.12	854.44	855.48	853.98
03U111	927.69	861.03	862.51	863.93	862.39	863.21	862.29	863.52	860.87
03U112	980.8	854.37	855.72	857.4	856.48	856.54	855.77	856.9	835.51
03U113	976.83	854.9	856.19	857.89	856.89	857.07	856.34	857.38	855.88
03L113	977.15	854.83	856.07	857.8	856.73	856.95	856.26	857.28	855.67
03U301 (SC1)	957.41	829.81	839.71	838.31	839.11	836.31	836.91	851.22	850.21
03F302 (B1)	929.86	838.36	840.46	841.46	839.36	839.36	838.66	840.56	838.86
03F303 (B2)	925.04	821.54	821.24	820.96	827.84	827.14	829.04	829.14	825.94
03F304 (B3)	920.09	843.09	844.39	846.11	844.69	844.39	843.89	845.39	843.69
03F305 (B4)	915.75	839.15	840.95	841.75	839.75	839.95	839.25	840.15	838.95
03F306 (B5)	919.13	834.53	836.53	838.43	835.63	836.13	834.93	836.23	834.83
03F307 (B6)	913.46	826.56	827.26	826.76	821.66	814.86	813.36	798.76	794.96
03F308 (B7)	900.79	821.49	815.69	818.09	814.49	798.29	796.79	794.79	obstruction
PJ#309 (B8)	914.35	841.55	842.35	844.05	842.75	842.45	841.85	843.05	841.55
PJ#310 (B9)	915.8	838.6	839.7	841.2	840.1	839.8	838.9	839.7	838
PJ#311 (B10)	905.97	840.27	841.47	842.97	841.77	839.67	839.37	840.57	818.97
03F312 (B11)	944.24	842.44	842.04	843.69	843.94	843.84	842.74	841.34	841.34
PJ#313 (B12)	895.63	839.63	841.63	842.23	840.63	839.13	839.93	841.93	839.73
03U314 (SC2)	978.02	846.52	844.22	848.52	846.32	850.42	846.42	846.42	837.72
03U315 (SC3)	965.27	845.07	845.57	853.87	840.67	839.97	836.97	835.27	834.47
03U316 (SC4)	957.13	836.83	841.73	844.83	844.63	840.73	837.33	838.03	839.43
03U317 (SC5)	952.62	844.92	844.82	848.32	844.02	842.12	839.42	838.22	843.22
04U510	911.19	863.12	865	865.84	864.03	865	864.42	865.87	861.74
OW543U3	958.99	849.56	850.79	852.78	851.82	851.82	851.03	852.32	851.15
03U647	962.25	850.61	851.7	853.65	852.72	852.74	851.89	853.17	851.92
03U648	963.14	850.87	851.97	853.9	852.94	852.97	852.12	853.41	852.14
03U658	966.24	851.63	852.76	854.59	853.69	853.66	852.87	854.11	852.85
03U659	958.62	849.15	850.26	852.3	851.35	851.29	850.48	851.93	850.79
03U671	933.13	846.24	847.53	849.54	848.45	848.25	847.91	848.98	847.95
03U674	957.21	847.82	848.97	851.11	850.15	850.06	849.28	851.16	850.12
03U701	911.1	843.98	845.28	846.98	845.48	845.32	844.84	846.36	844.63
04U701	911.24	842.13	843.44	845.08	843.55	843.27	842.77	844.06	842.36
03U702	910.53	843.58	844.87	846.55	845.03	844.85	844.39	845.97	844.18
04U702	910.44	842.95	844.26	845.92	844.37	844.13	843.65	845.07	843.35
04J702	910.51	842.49	843.8	845.45	843.87	843.56	843.08	844.44	842.72
03U703	921.25	843.55	845.01	846.9	846.05	845.93	845.8	847.11	846.04
03U704	978.47	857.01	858.41	859.99	858.81	859.15	858.4	859.44	857.5

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

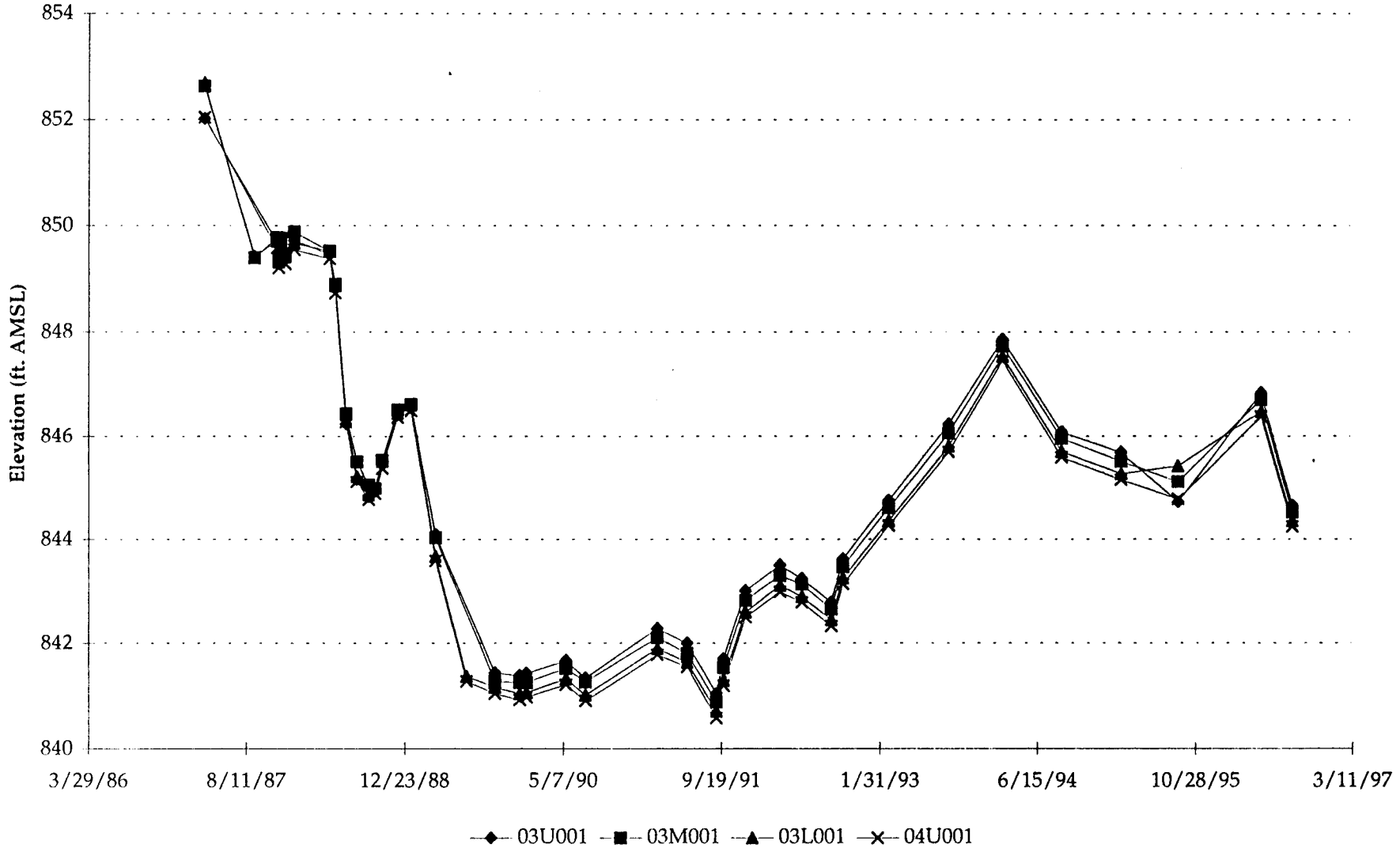
Location	*TOC Elevation*	*3/2/93*	*9/10/93*	*3/1/94*	*9/2/94*	*3/9/95*	*9/6/95*	*5/29/96*	*9/4/96*
03U705	1049.55	857.54	858.8	860.55	859.3	859.74	858.81	859.98	857.8
03U706	920.63	857.27	858.73	860.24	858.91	859.34	858.44	859.54	857.43
03U707	918.28	857.88	859.37	860.84	859.36	859.9	858.94	860.1	857.77
03U708	921.97	845.67	847.02	848.93	847.76	847.62	847.26	848.31	847.21
04U708	921.66	844.52	845.81	847.44	846.09	845.94	845.46	846.76	845.24
04J708	922.04	843.88	845.03	846.66	845.28	845.08	844.54	845.81	844.24
03U709	912.63	844.91	846.29	848.03	846.67	846.64	846.11	847.36	845.98
04U709	912.52	843.44	844.66	846.31	844.89	844.61	844.18	845.47	843.93
03U710	946.76	845.9	847.11	849.03	848.07	847.86	847.59	848.6	847.66
03U711	908.81	844.26	845.68	847.27	845.99	846.03	845.41	846.63	845.2
04U711	908.73	843.19	844.37	846.05	844.52	844.63	843.97	845.33	843.65
03M713	898.41	842.74	844	845.73	844.31	843.67	843.35	845.2	843.22
04U713	897.73	845.16	846.48	848.19	846.83	846.38	845.92	847.29	845.6
04J713	898.38	842.38	844.02	845.48	844.18	842.85	842.69	844.29	842.35
04U714	893.89	843.77	845.2	847.15	845.15	844.62	844.31	845.94	843.87
04J714	894.19	843.68	845.1	847.11	845.03	844.46	844.17	845.82	843.69
03U715	963.59	851.84	853.04	854.81	853.92	853.91	853.08	854.25	853.04
03U716	952.1	850.48	851.87	853.71	852.48	852.6	851.89	852.9	851.6
E101	970.12			859.33	858.12	858.41	857.69		
E102	981.54			859.04	857.87	858.14	857.42		
E103	971.61			859.71	858.51	858.81	858.1		
Staff Gauges									
S.G. #1	860.42	866.92	867.87	869.82	868.64	N/A			
S.G. #2	862.84	868.14	868.14	870.04	868.88	N/A			
S.G. #3	865.29	867.59	867.59	N/A	N/A	N/A			
S.G. #1a	871.73							868.22	868.65
S.G. #2a	872.02							--	868.65
S.G. #3a	871.71							--	868.65
Off TCAAP									
MPCA6	914.4	841.8	843.15	844.71	843.17	843.23	842.54	844.11	842.19
03U672 (PD2U3)	923.72	848.4	849.51	851.36	850.47	850.57	850.04	850.99	849.99
03U673 (PD3U3)	897.84	841.53	842.74	844.14	843.84	843.31	842.55	843.84	NM
03L673 (PD3L3)	898.44	840.46	841.67	843.2	841.87	842.12	841.34	842.84	NM
04U673 (PD3U4)	898.34	840.62	841.82	843.35	841.99	842.24	841.49	843	NM
03U801 (T1U3)	914.82	844.62	846.01	847.59	846.56	846.62	846.05	847.33	846.04
03M802 (T2M3)	907.38	844.86	846.29	848	847.03	847.08	846.6	847.8	846.67
03L802 (T2L3)	907.93	845	846.33	847.93	846.93	846.96	846.43	847.65	846.38
04U802 (T2U4)	905.95	844.7	845.93	847.53	846.44	846.67	846	847.3	845.8
PJ#802 (T2PJ)	905.07	844.3	845.51	847.07	845.82	845.91	845.29	846.67	obstruction
03U803 (T3U3)	900.89	843.79	845.11	846.53	845.52	845.73	845.14	846.17	844.99
03U804 (T4U3)	913.02	844.34	845.77	847.31	846.08	846.09	845.44	846.72	845.25

HISTORICAL GROUNDWATER ELEVATIONS (FT. AMSL)
TGRS, TCAAP

Location	*TOC Elevation*	*3/2/93*	*9/10/93*	*3/1/94*	*9/2/94*	*3/9/95*	*9/6/95*	*5/29/96*	*9/4/96*
03U805 (T5U3)	908.23	842.93	844.26	845.85	844.44	844.47	843.79	845.21	843.51
03U806 (T6U3)	911.96	843.25	844.57	846.24	844.75	844.74	844.1	845.6	843.85
03M806 (T6M3)	911.87	842.57	843.91	845.54	844.02	844.03	843.35	844.82	843.06
03L806 (T6L3)	912.16	842.57	843.89	845.53	844.03	844.02	843.33	844.81	843.03
04U806 (T6U4)	912.12	842.37	843.67	845.32	843.79	843.78	843.08	844.54	842.8
PJ#806 (T6PJ)	911.03	842.33	843.67	845.25	843.74	843.71	843.01	844.47	842.7
03L809 (T9L3)	914.32	843.99	845.32	846.94	845.36	845.41	844.72	846.25	844.37
03L841 (301L3)	911.91	839.85	841.05	842.59	841.13	841.42	840.53	842.13	NM
04U841 (301U4)	913.77	841.28	842.5	844.05	842.57	842.83	841.99	843.6	NM
04U847 (307U4)	916.1	840.93	842.22	843.8	842.2	842.35	841.64		
03L833	908.02			845.62	844.05	844.04	843.37	845.02	843.15
04U833	908.32			845.2	843.57	843.38	842.72	844.33	842.45
PJ#074	956.46			NT	NT				
04U835	977.84			NT	NT				

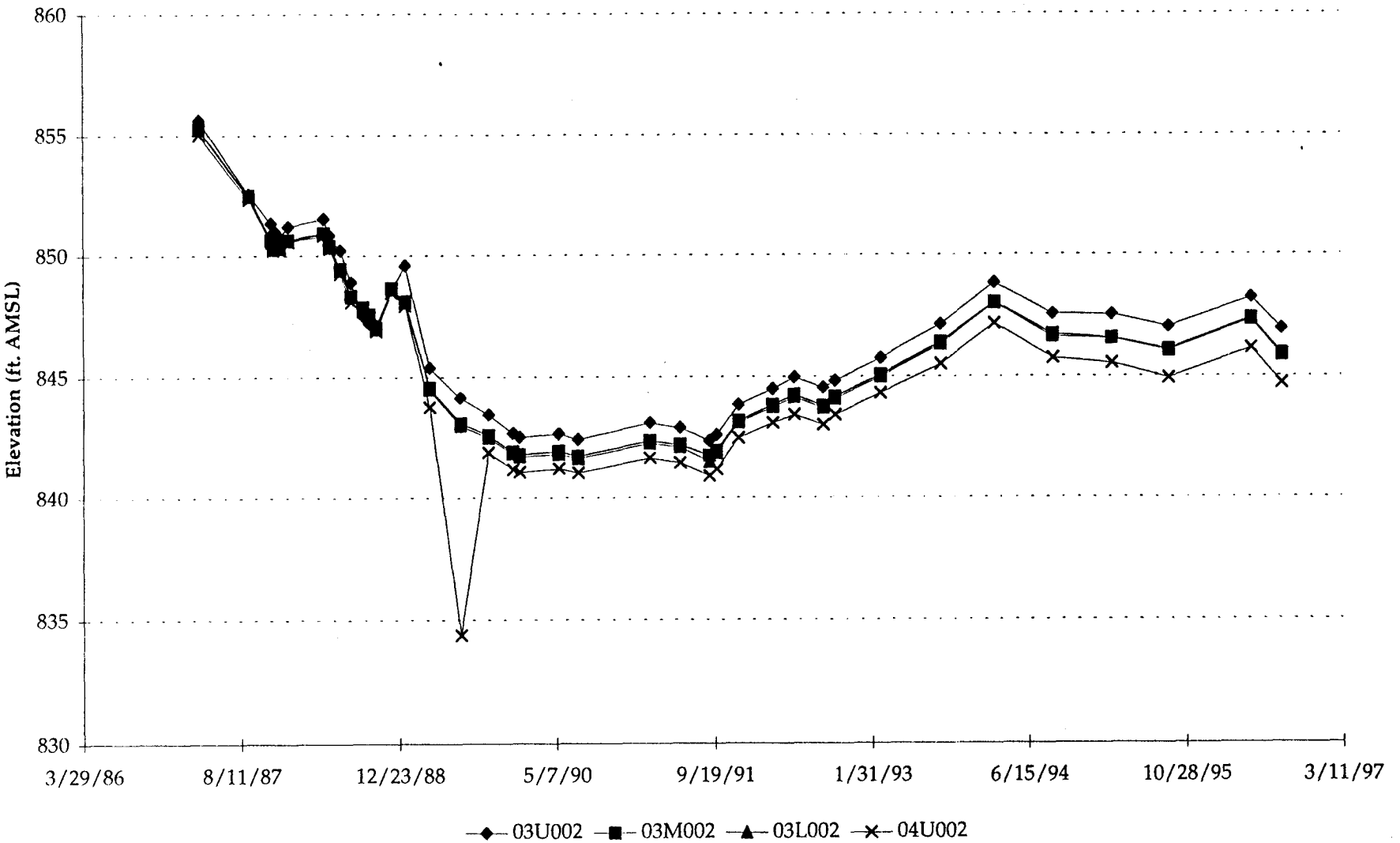
F.2 Hydrograph - 001 Nest

HYDROGRAPH - 001 NEST

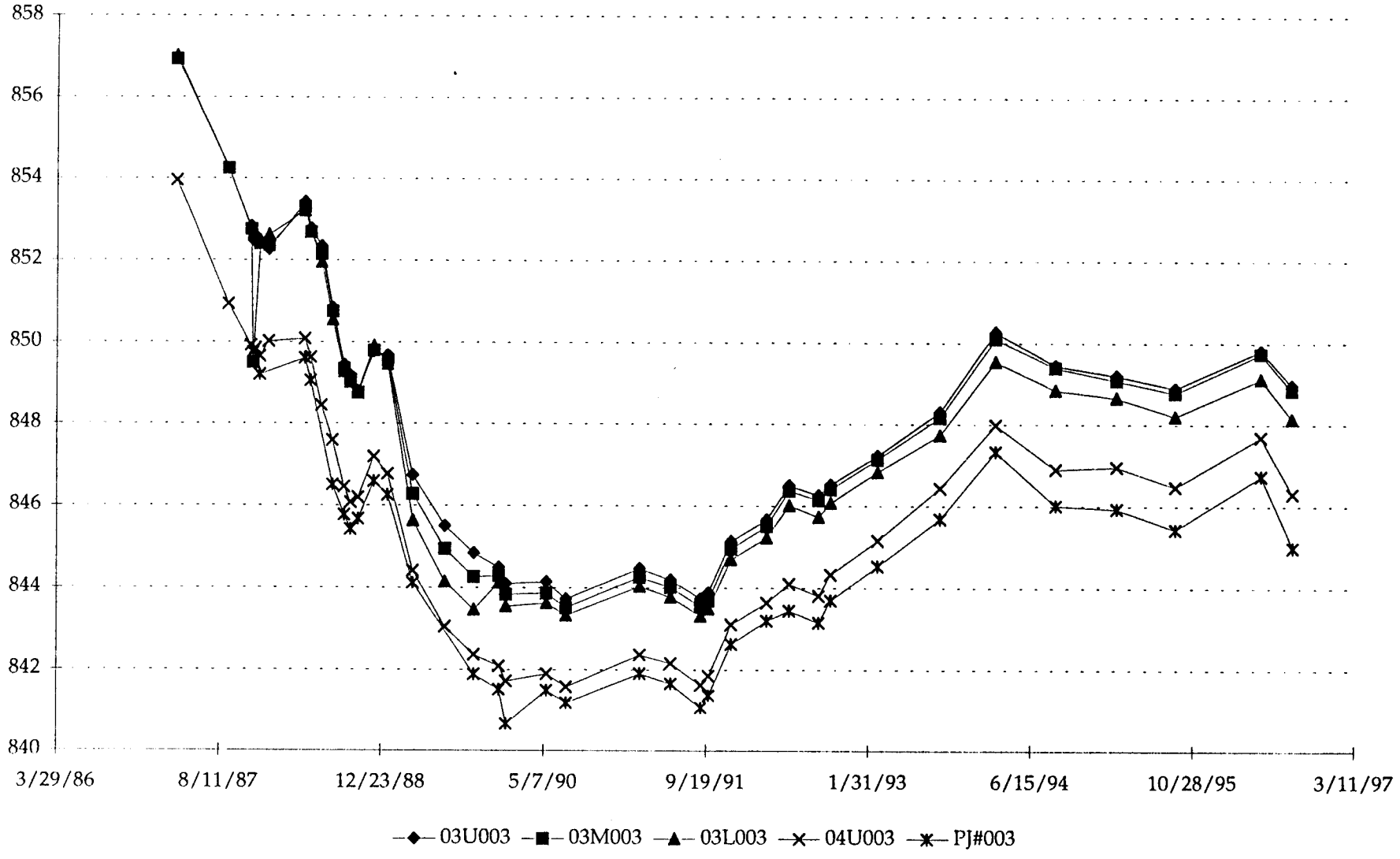


APPENDIX F.2

HYDROGRAPH - 002 NEST

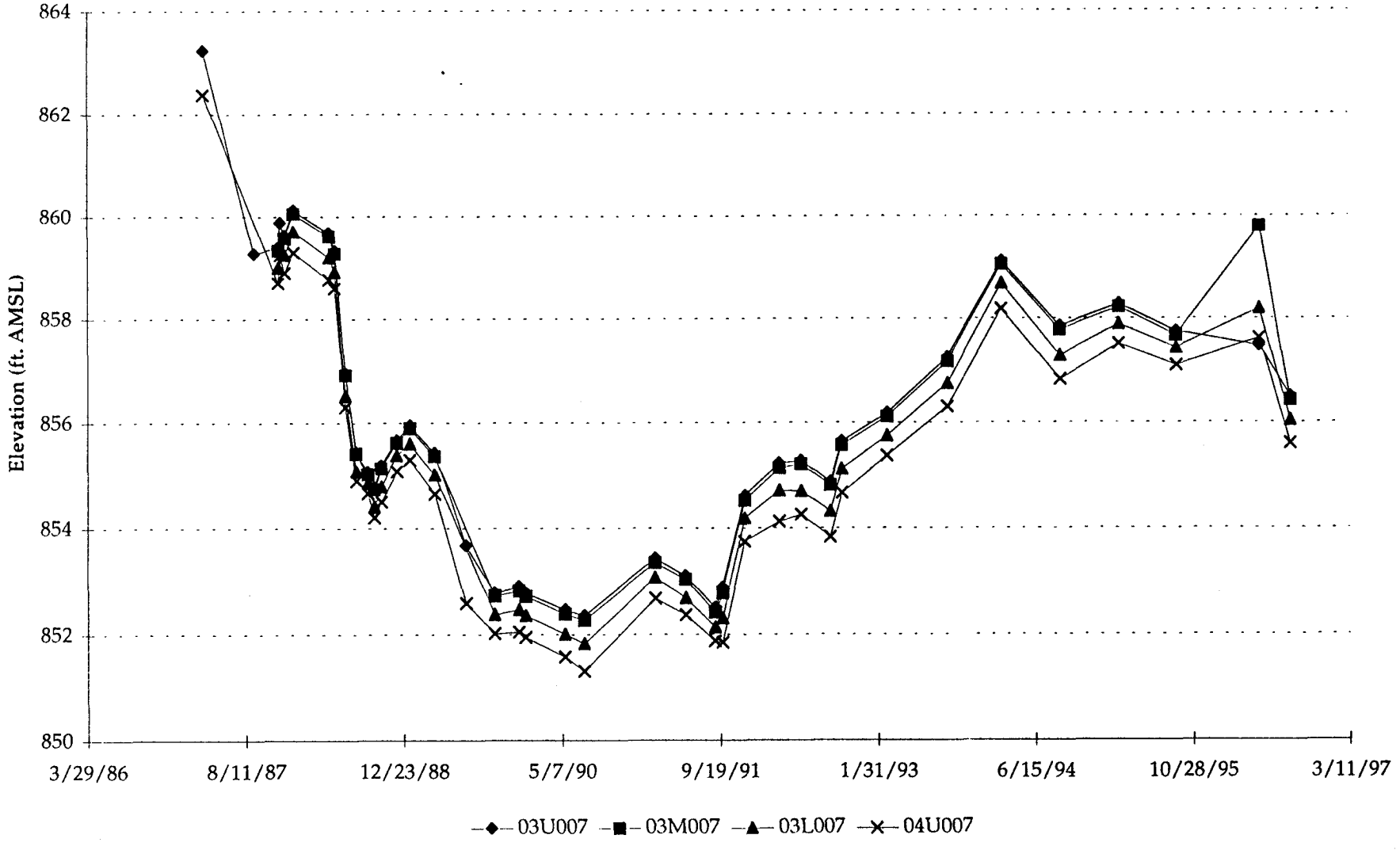


HYDROGRAPH - 003 NEST

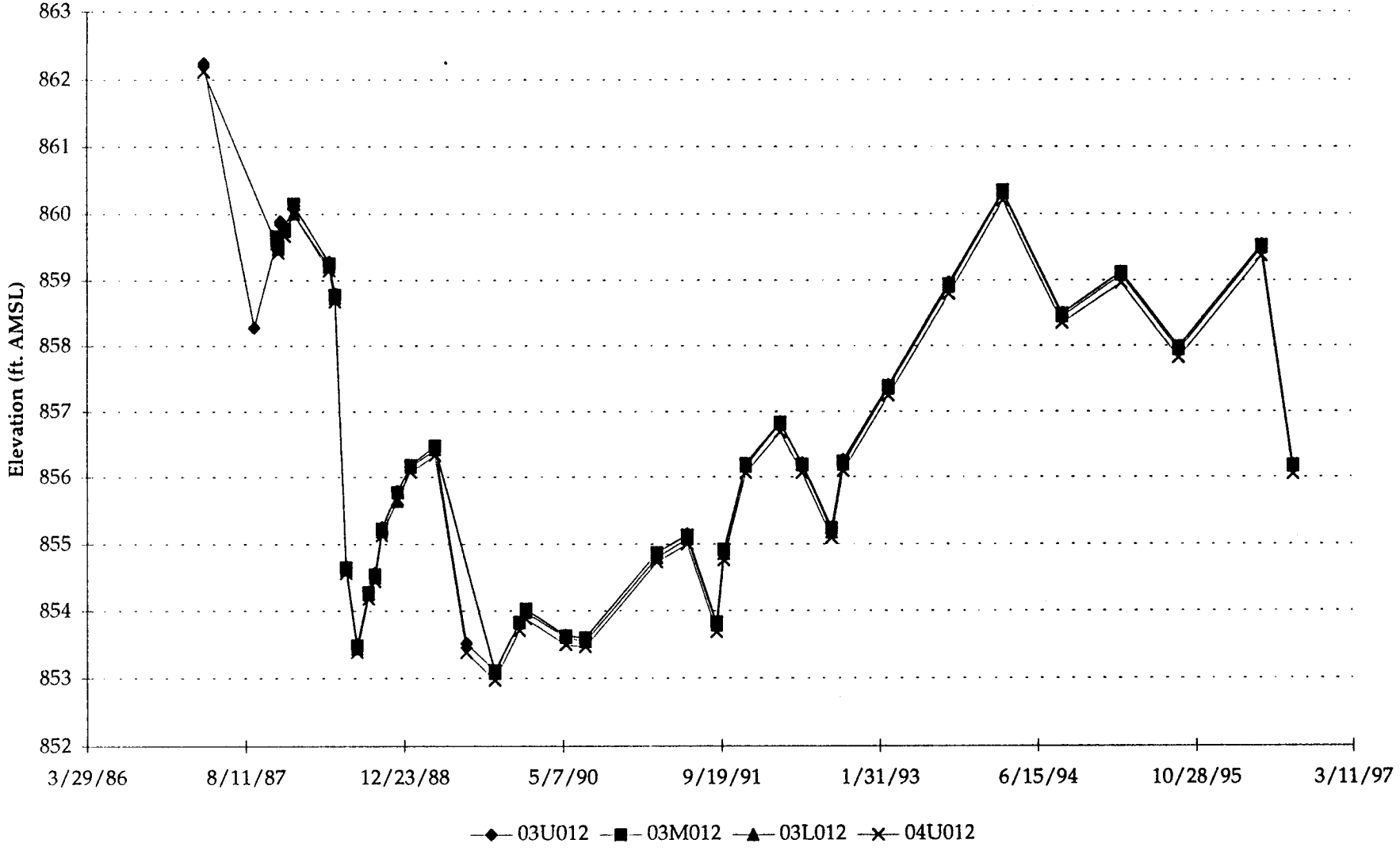


APPENDIX F.2

HYDROGRAPH - 007 NEST

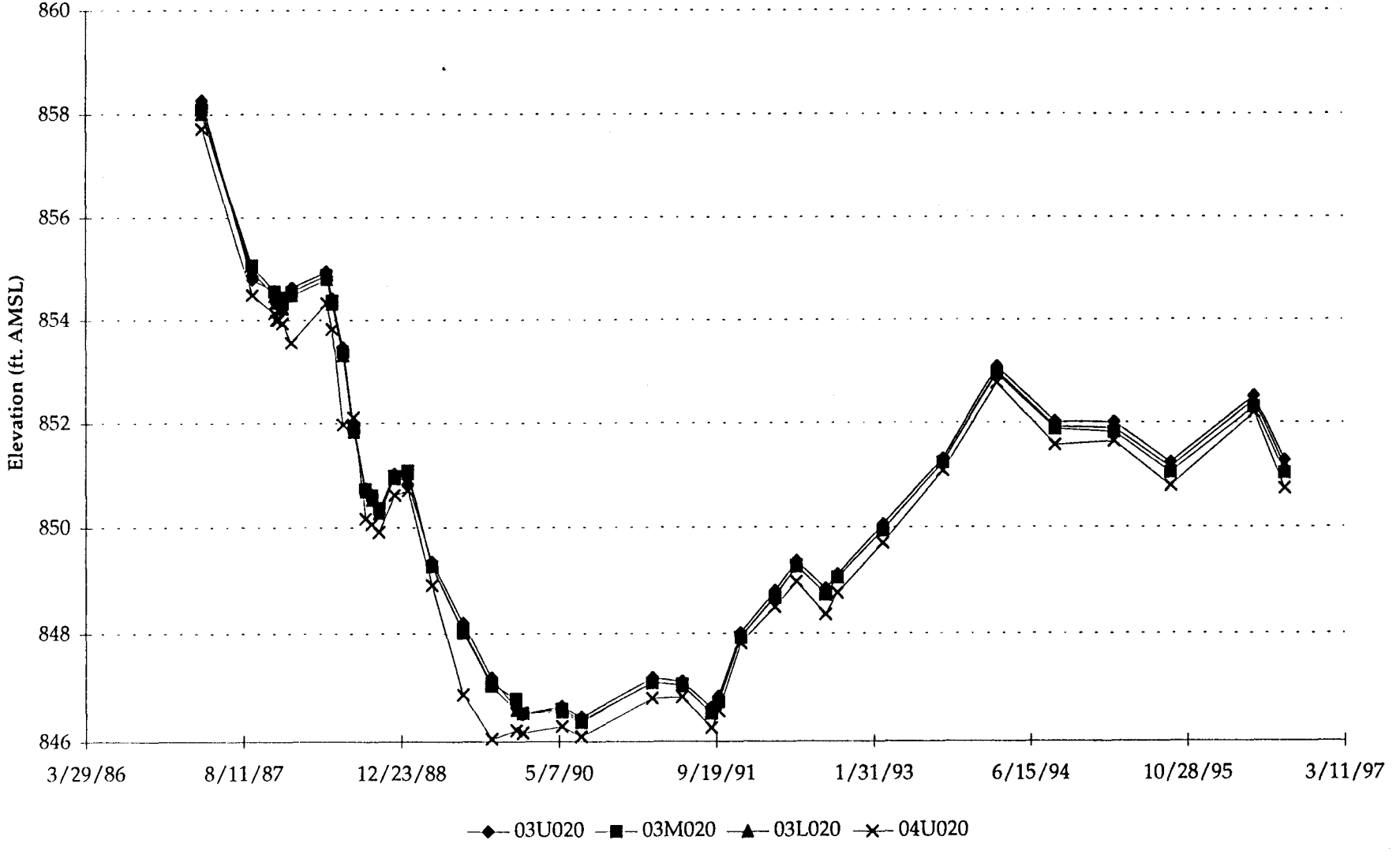


HYDROGRAH - 012 NEST

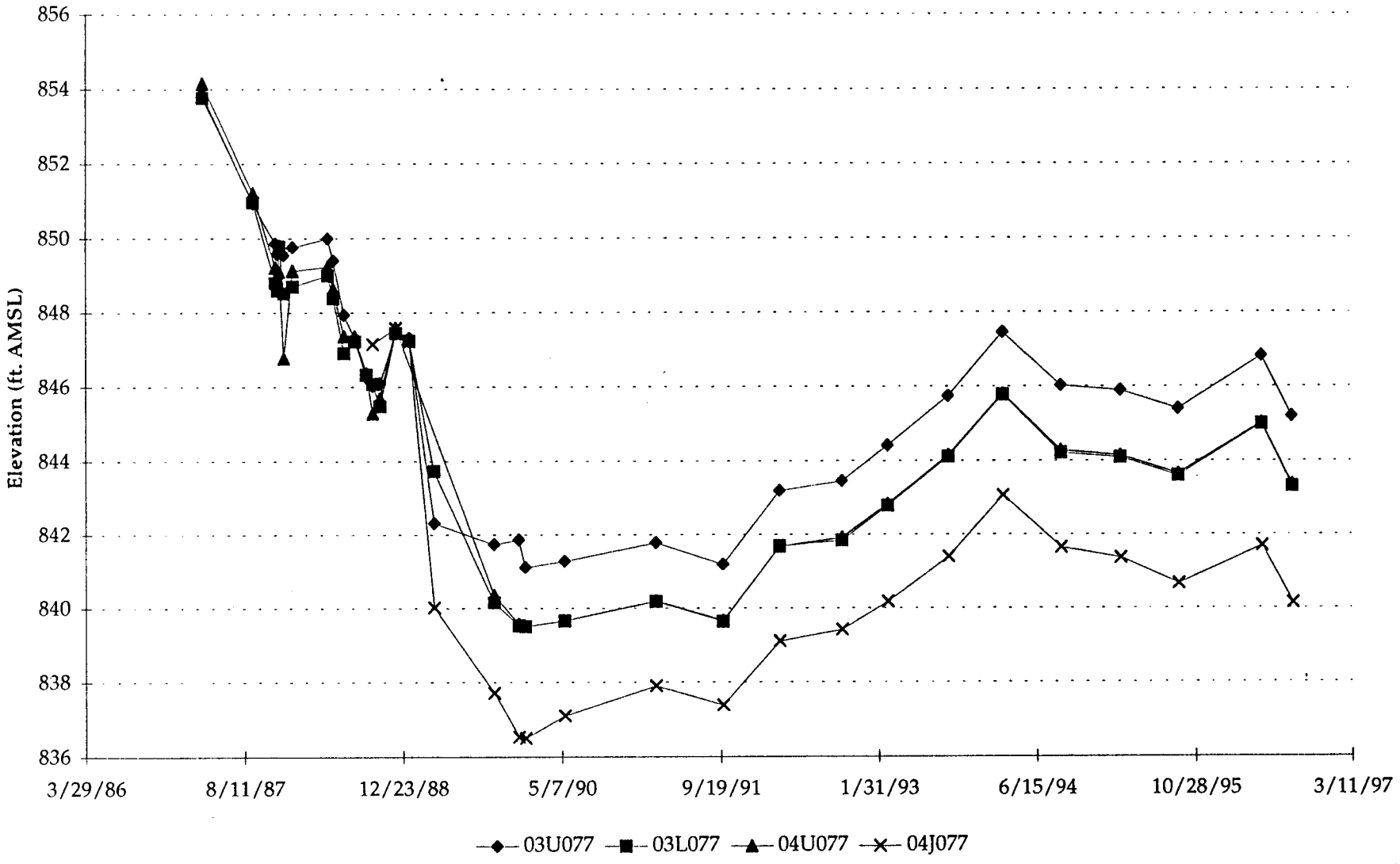


APPENDIX F.2

HYDROGRAPH - 020 NEST

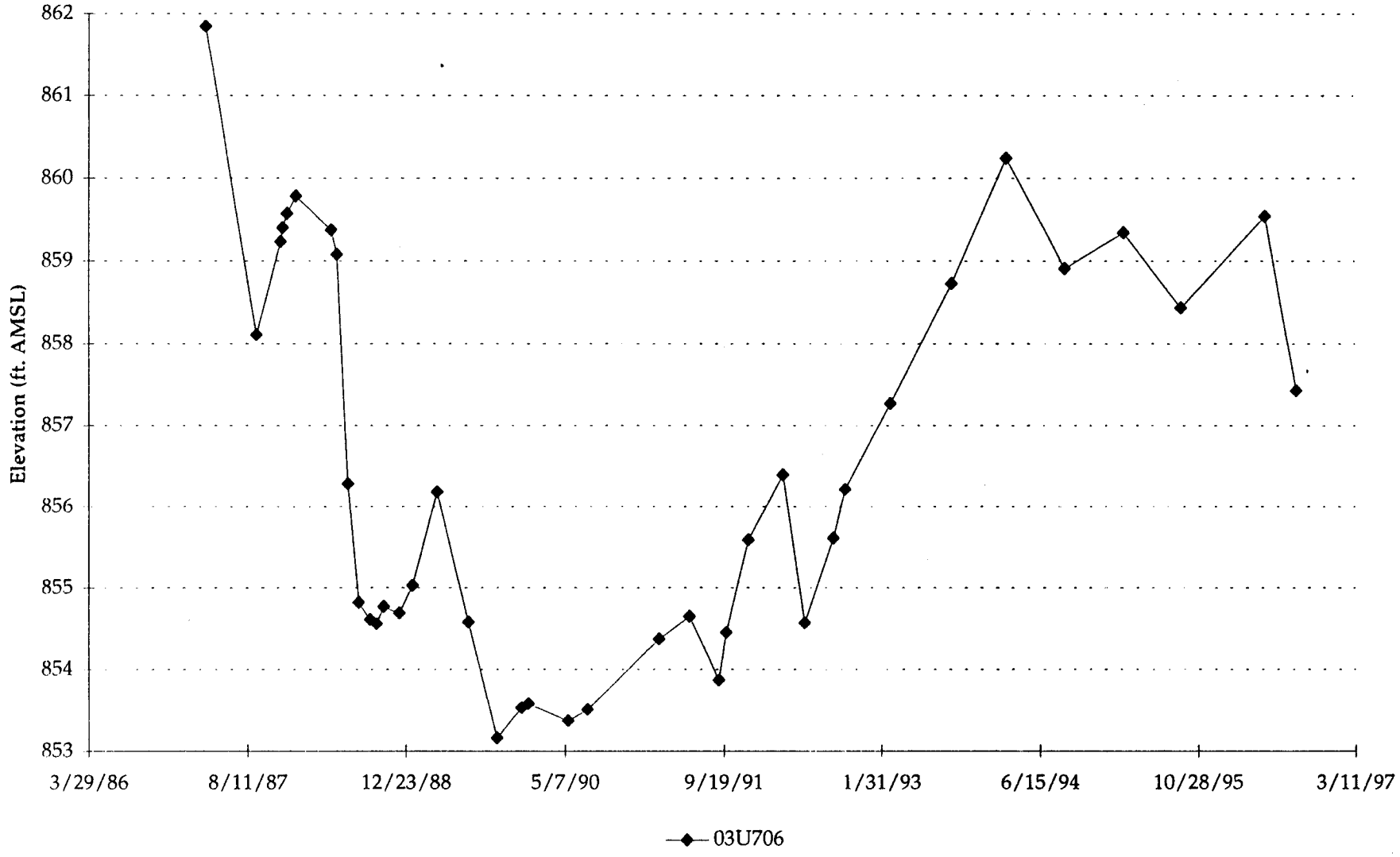


HYDROGRAPH - 077 NEST



APPENDIX F.2

HYDROGRAPH - WELL 03U706



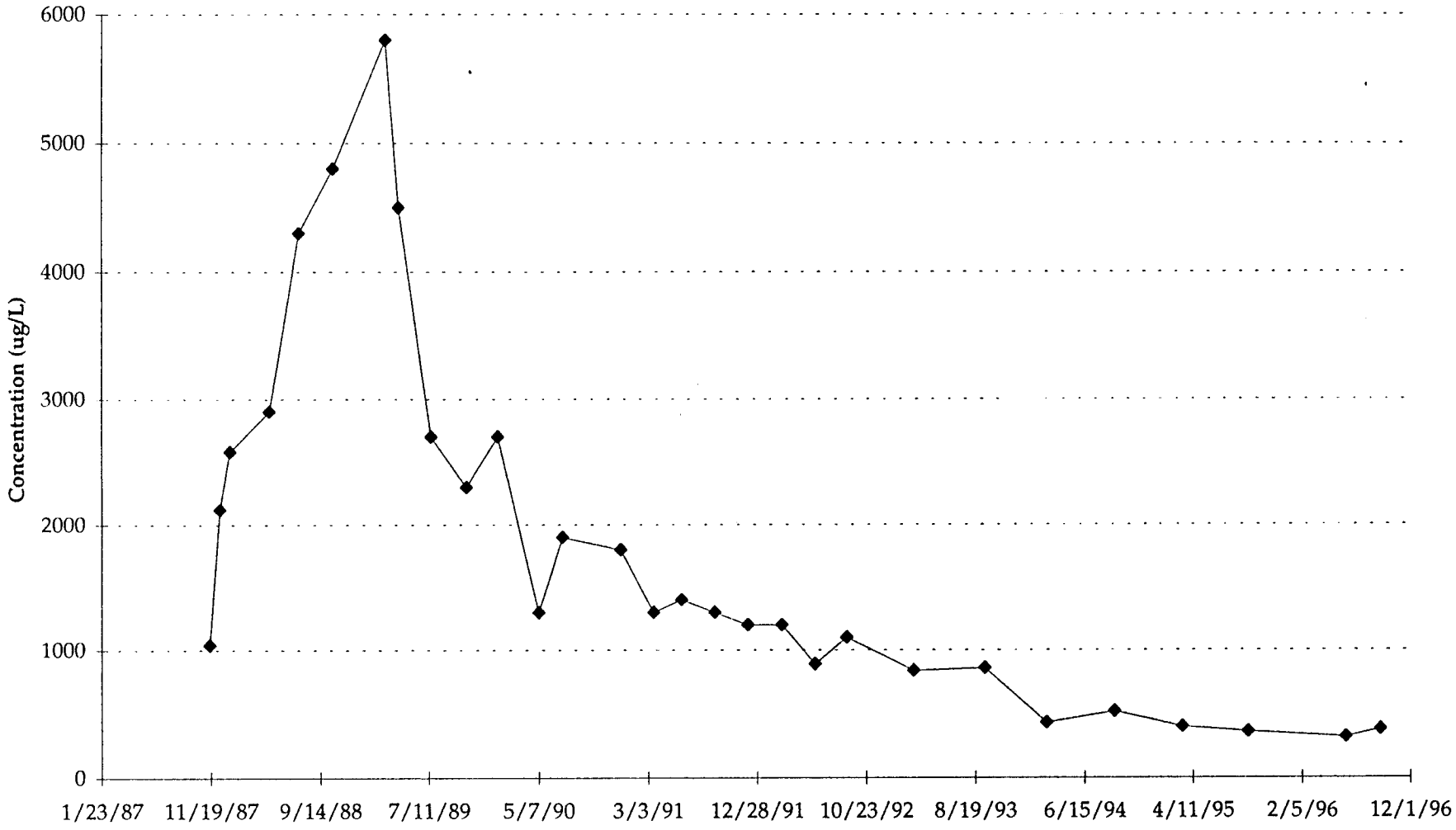
APPENDIX G

Appendix G

TGRS Chemical Data

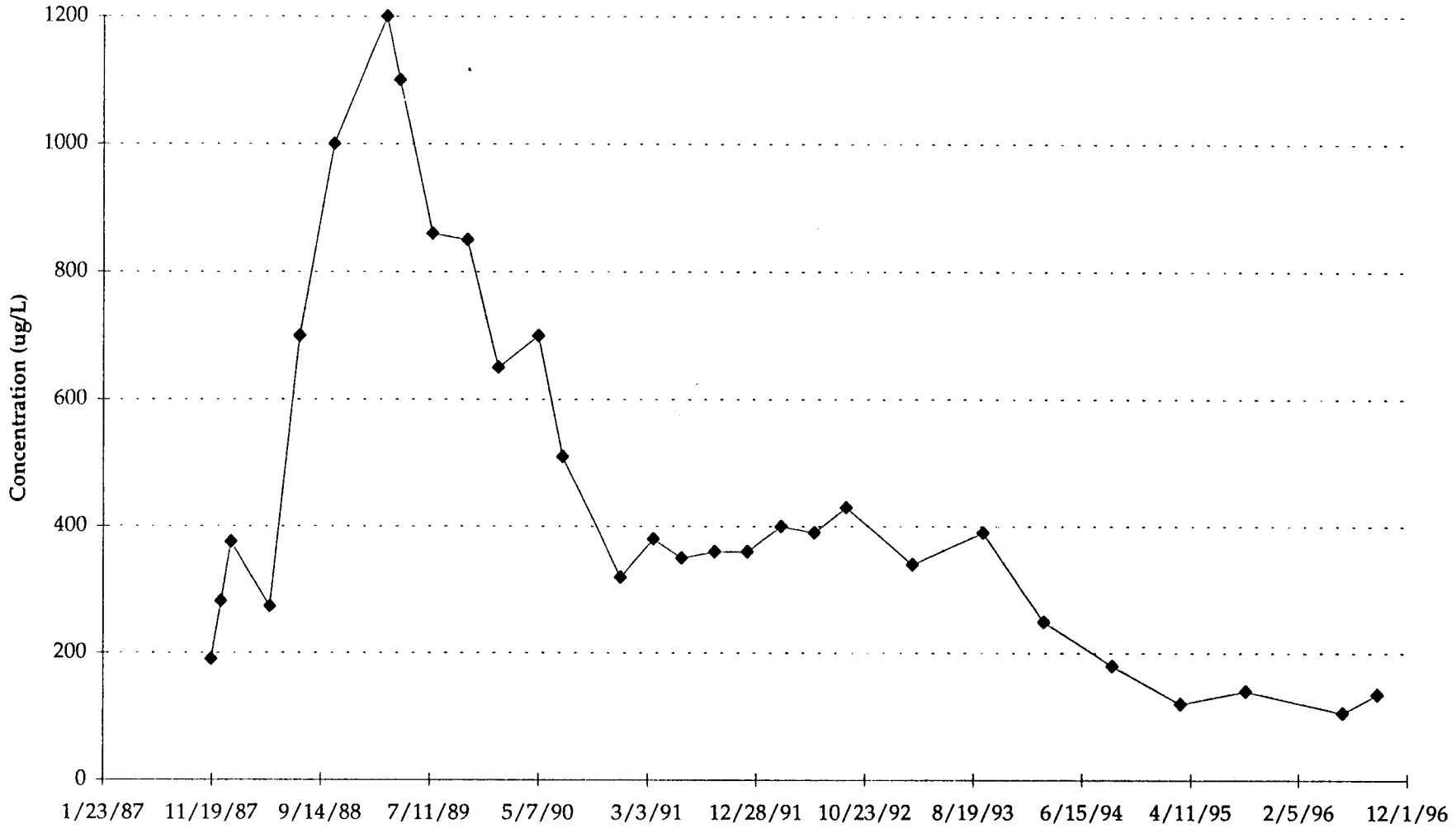
G.1 Extraction Wells - TRCLE vs. Time

EXTRACTION WELL B1 - TRCLE VS.TIME

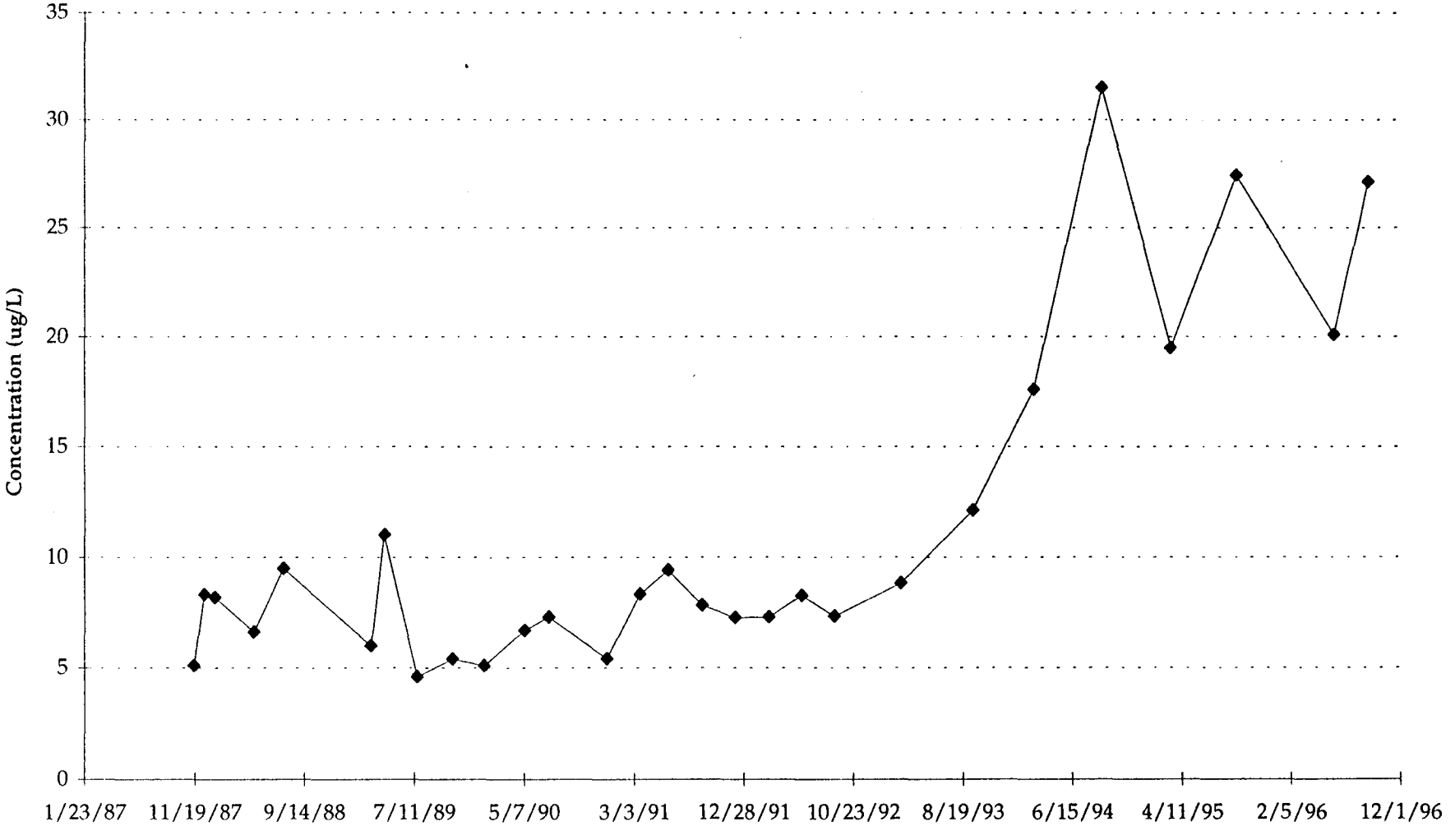


APPENDIX G.1

EXTRACTION WELL B2 - TRCLE VS. TIME

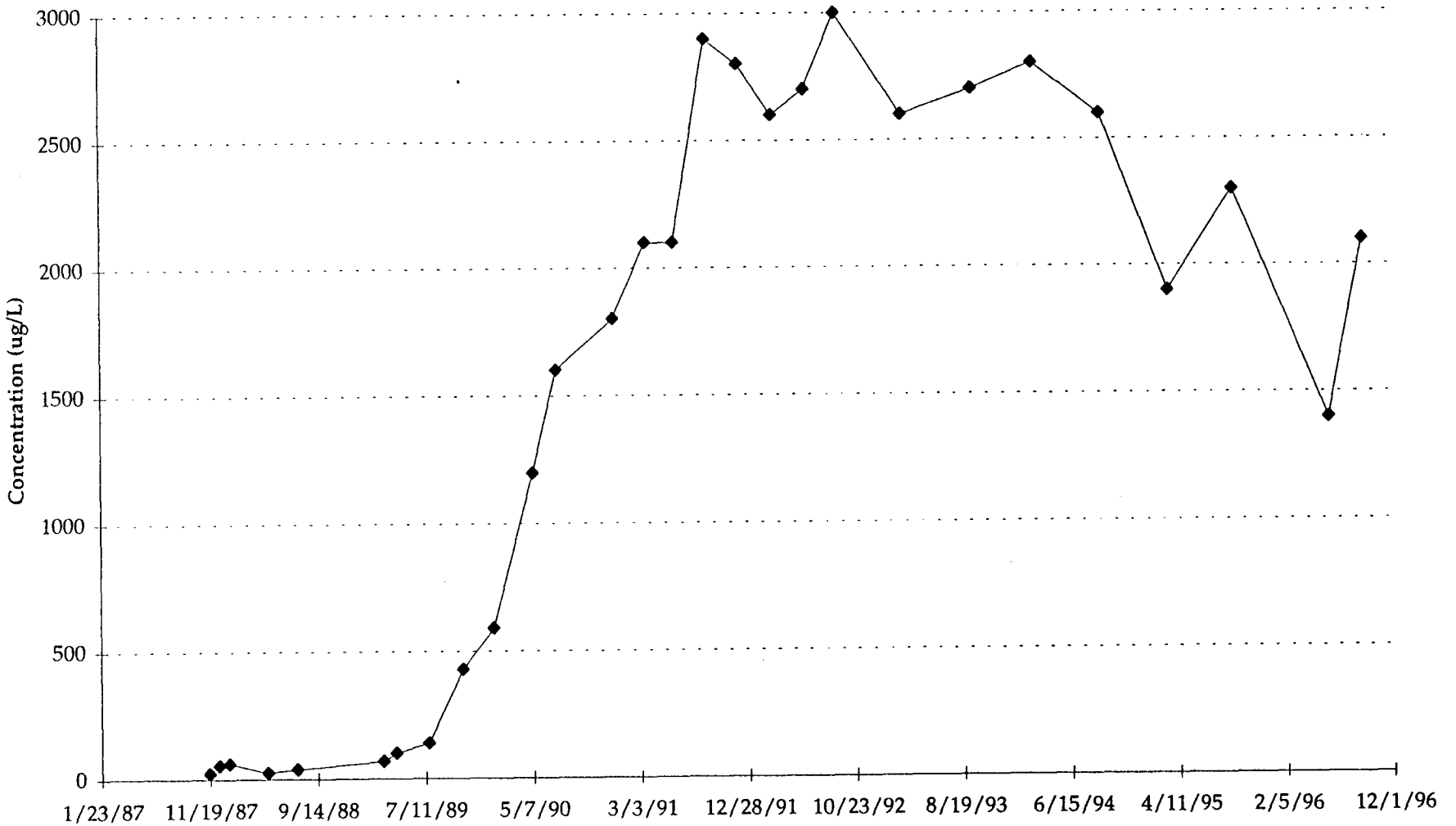


EXTRACTION WELL B3 - TRCLE VS. TIME



APPENDIX G.1

EXTRACTION WELL B4 - TRCLE VS. TIME



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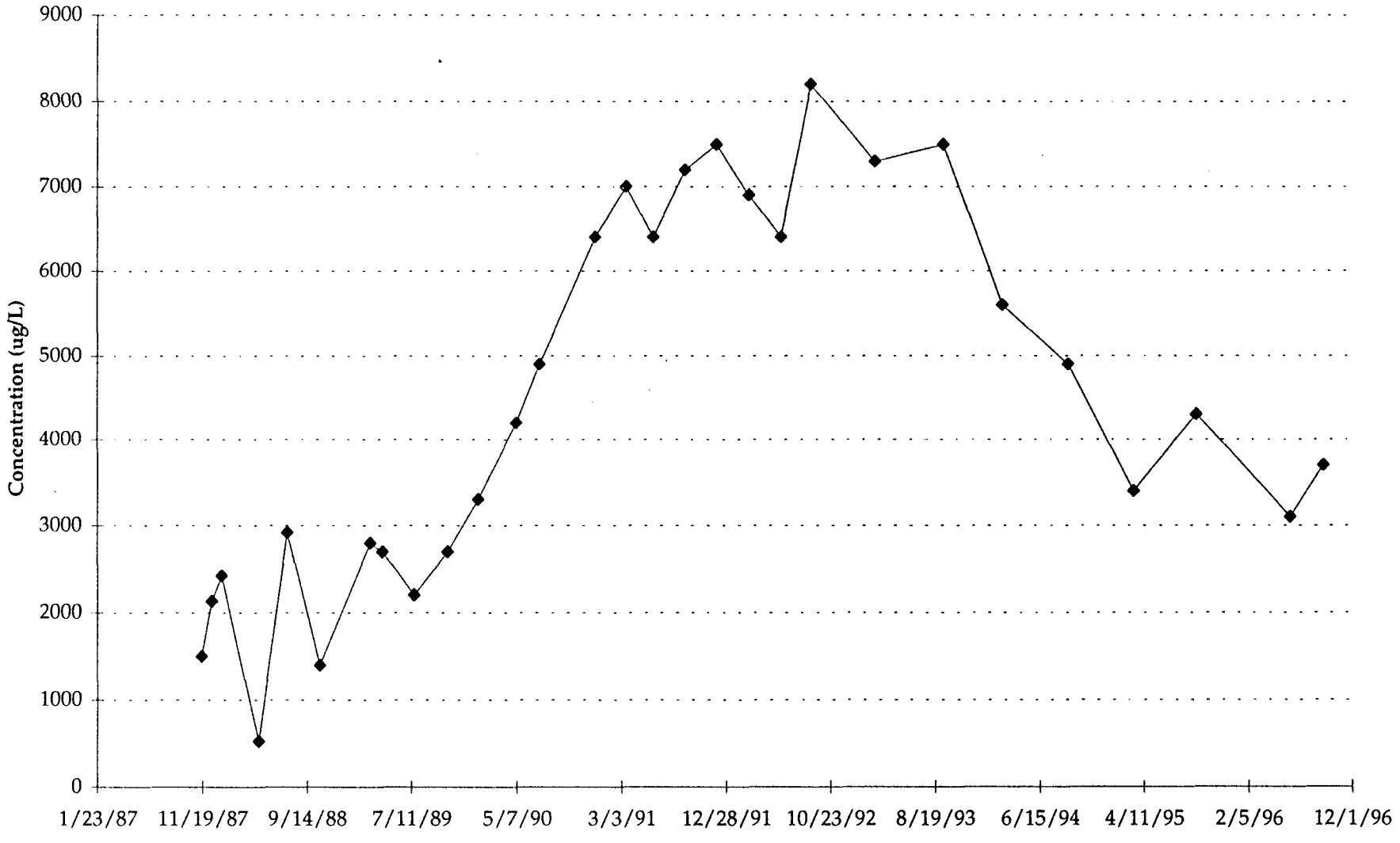
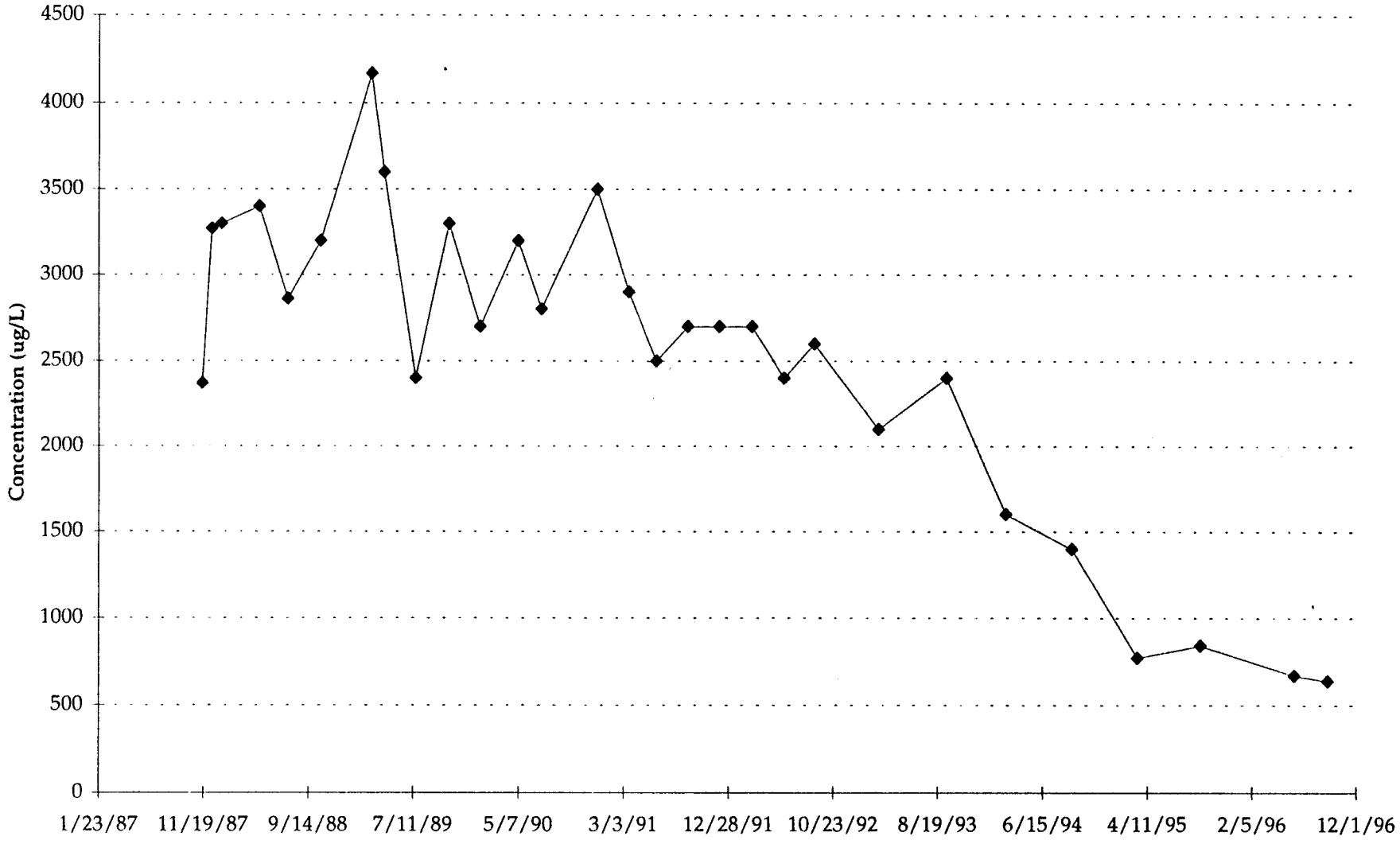
EXTRACTION WELL B5 - TRCLE VS. TIME

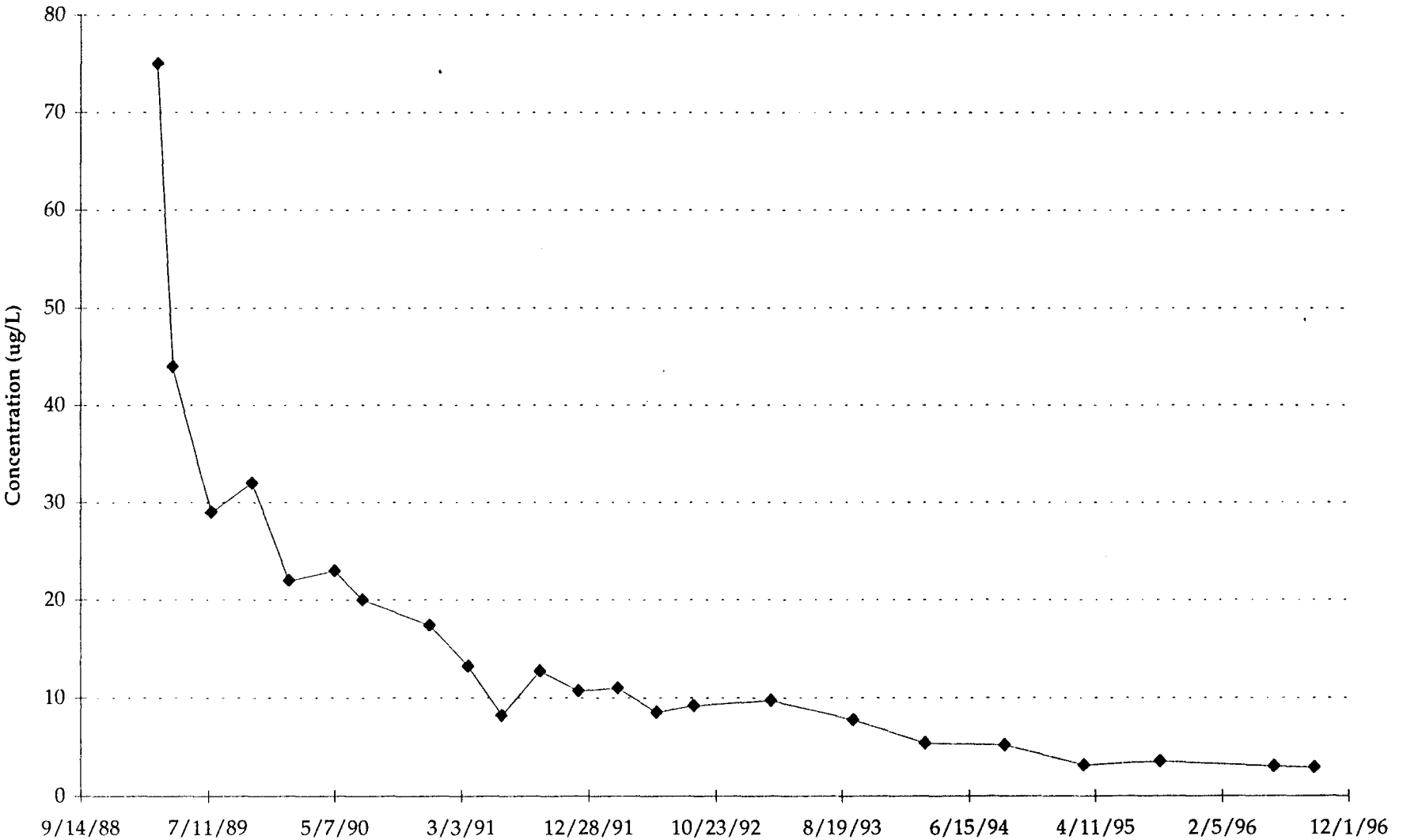


APPENDIX G.1

EXTRACTION WELL B6 - TRCLE VS. TIME

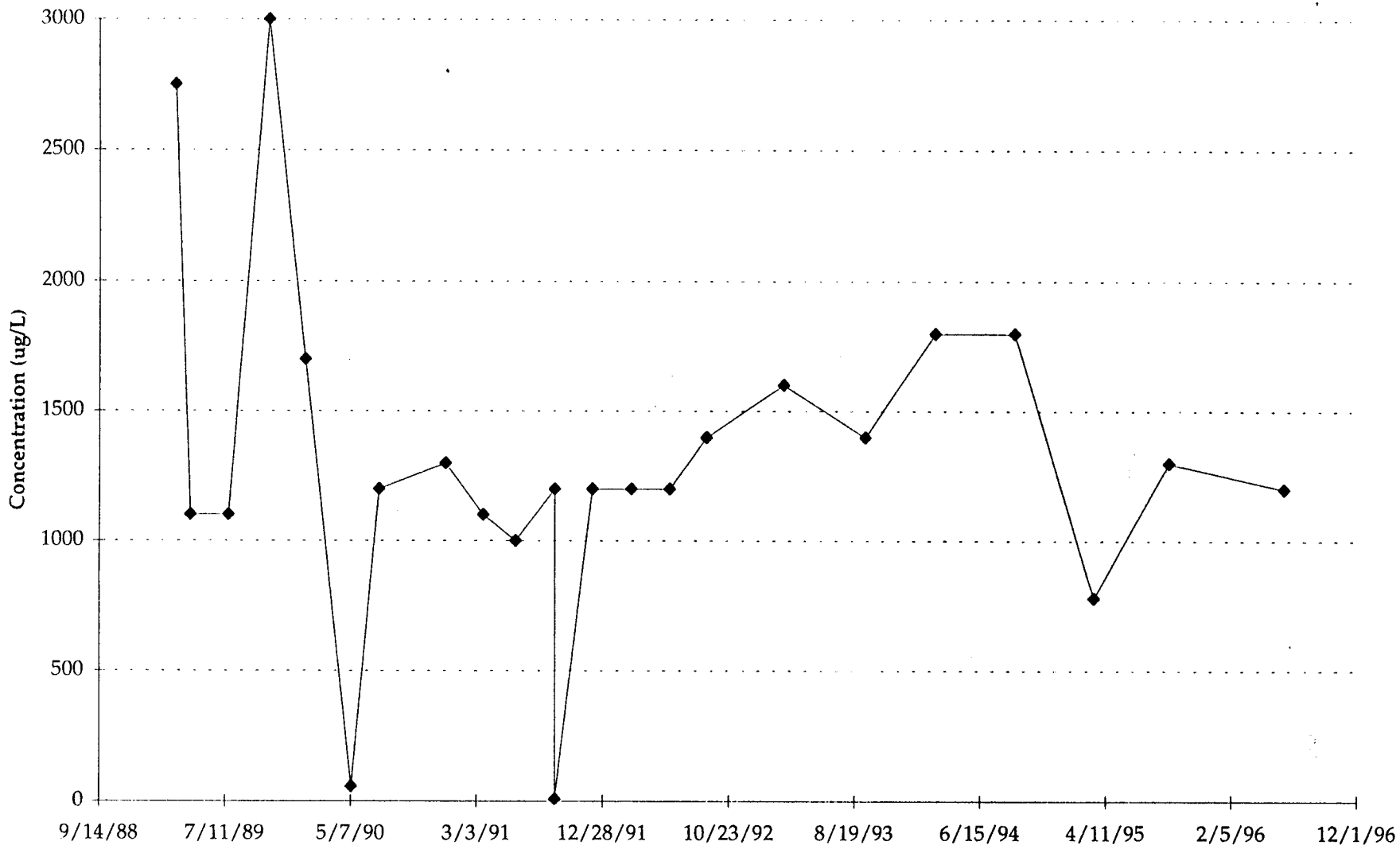


EXTRACTION WELL B7 - TRCLE VS. TIME

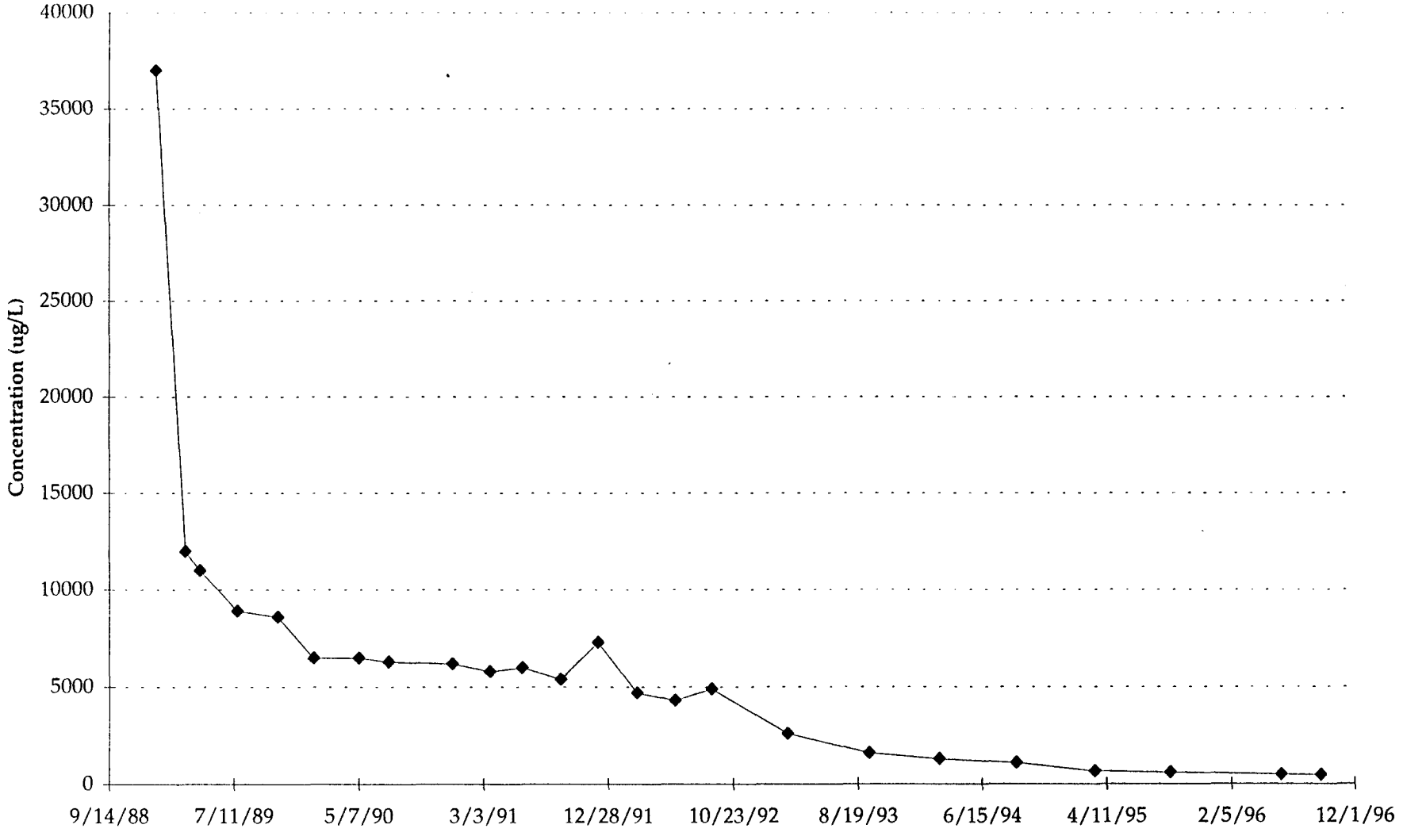


APPENDIX G.1

EXTRACTION WELL SC1 - TRCLE VS. TIME

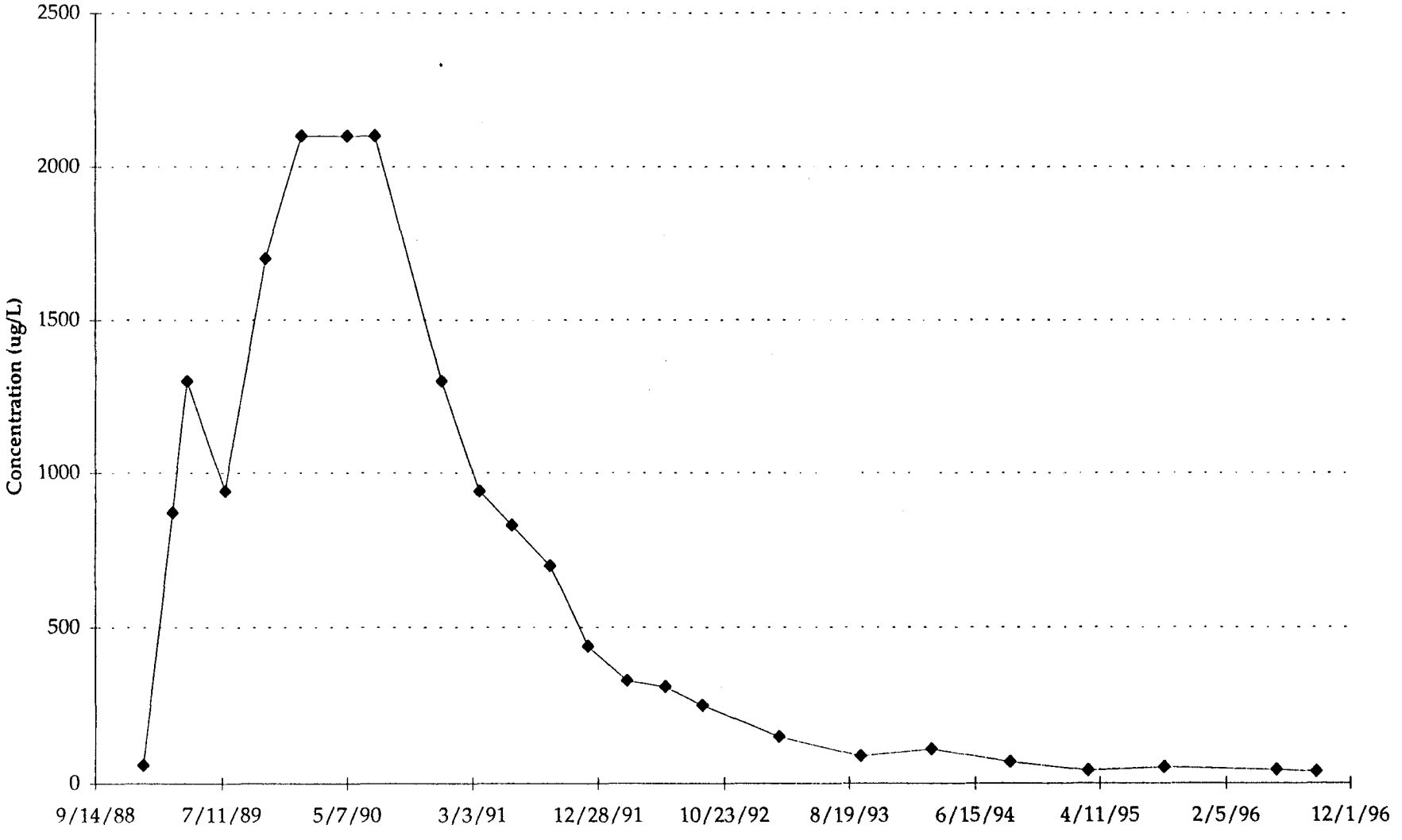


EXTRACTION WELLSC2 - TRCLE VS. TIME



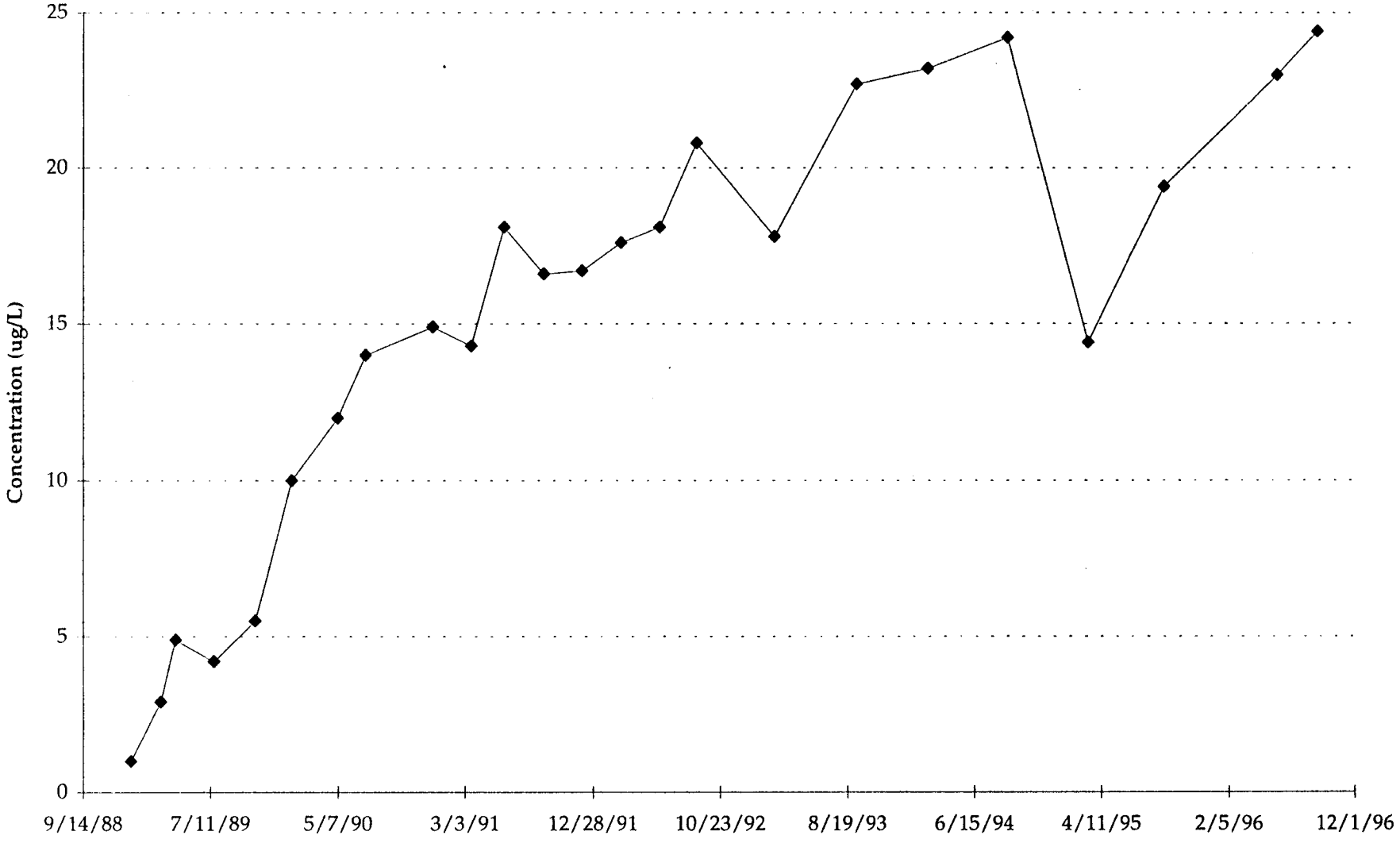
APPENDIX G.1

EXTRACTION WELL SC3 - TRCLE VS. TIME



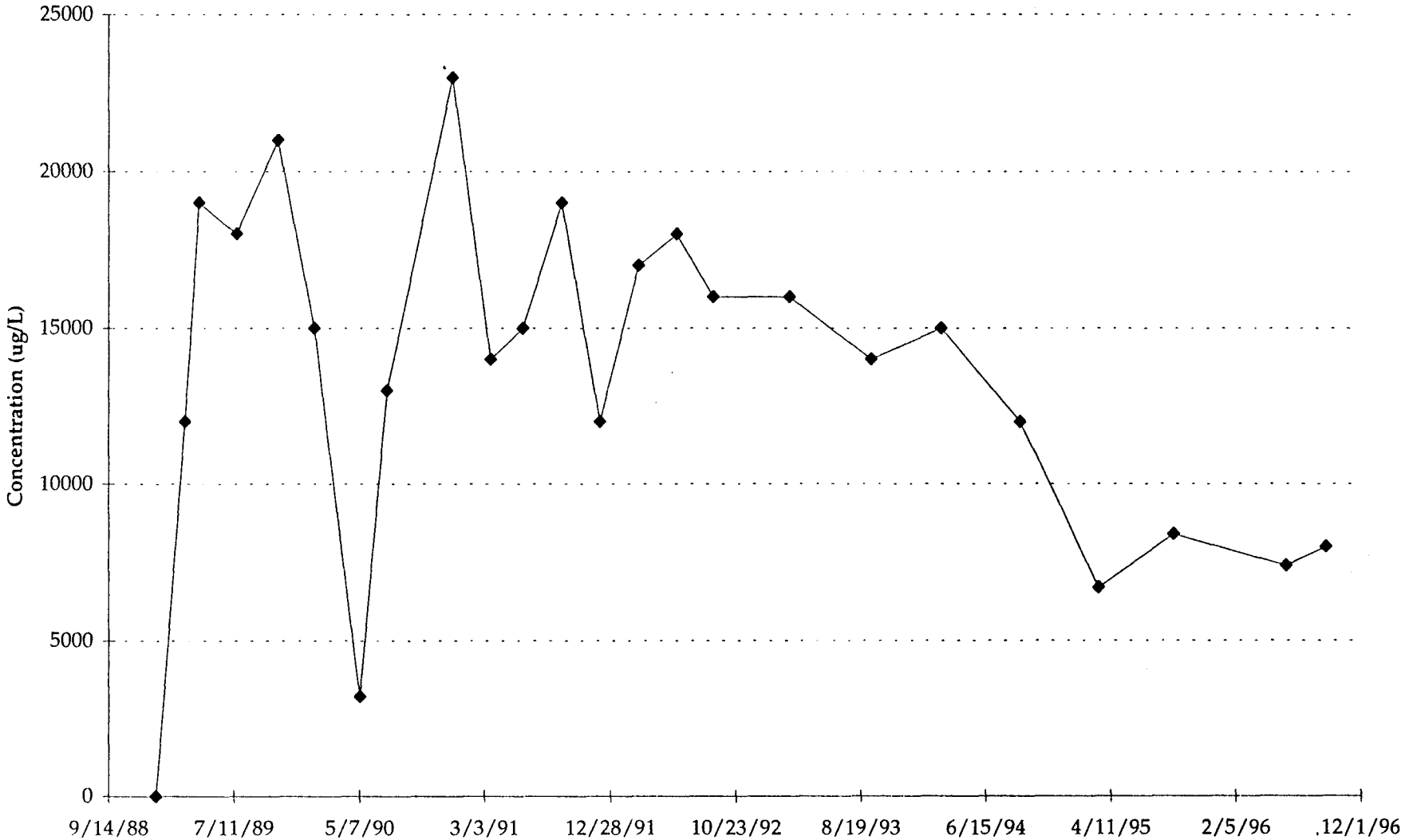
CRA 7680 (2)

EXTRACTION WELL SC4 - TRCLE VS. TIME



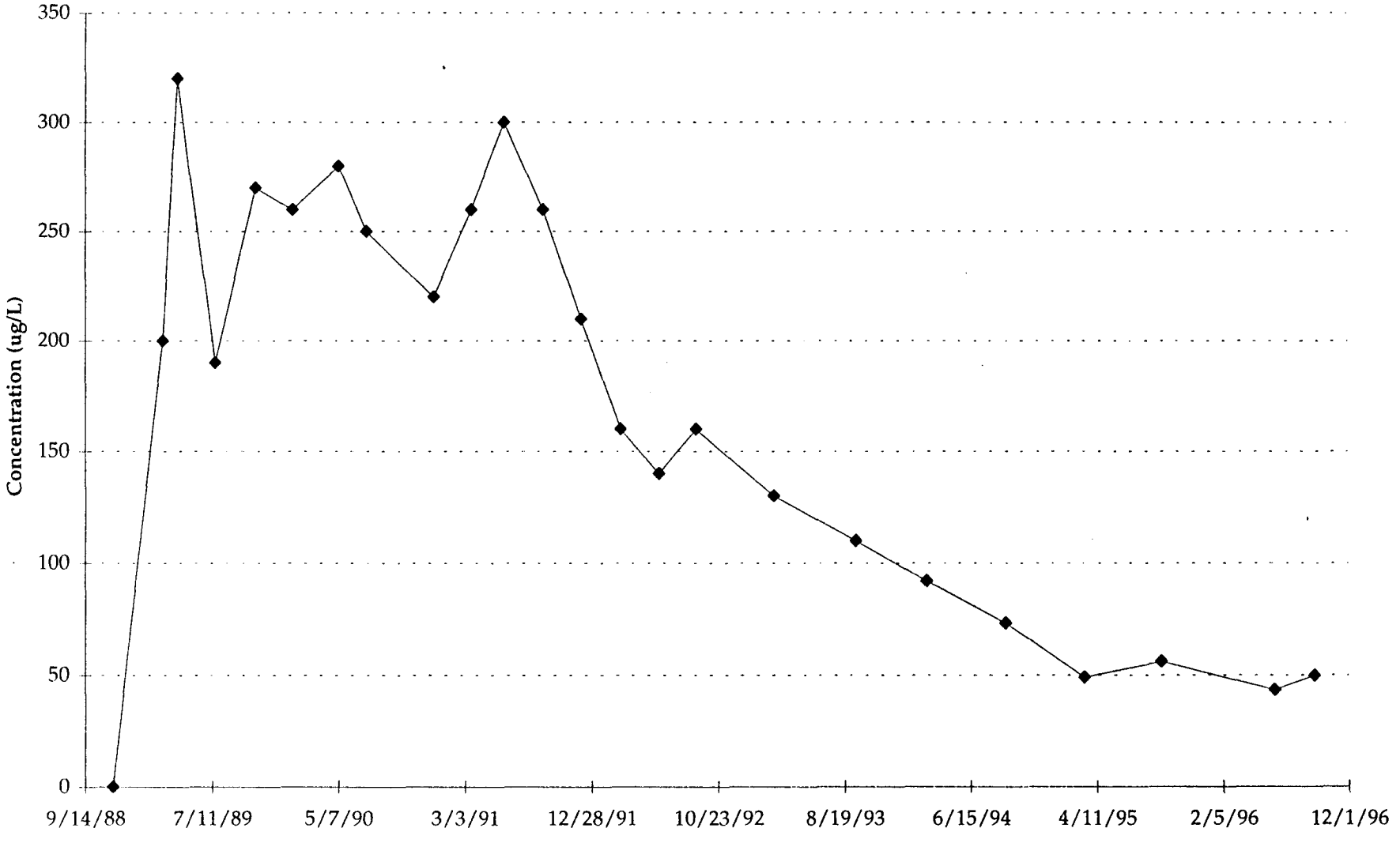
APPENDIX G.1

EXTRACTION WELL SC5 - TRCLE VS. TIME



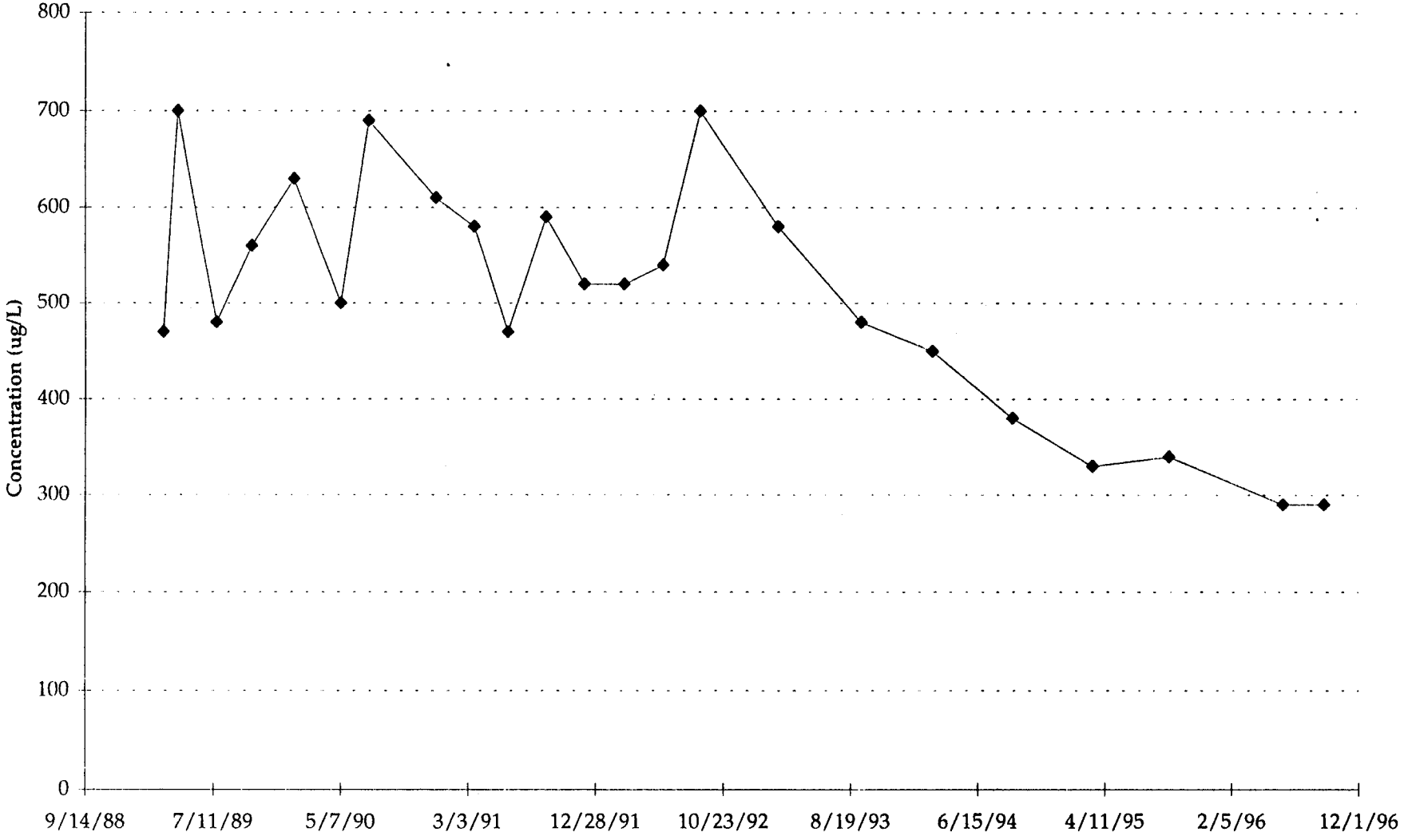
CRA 7680 (2)

EXTRACTION WELL B8 - TRCLE VS. TIME



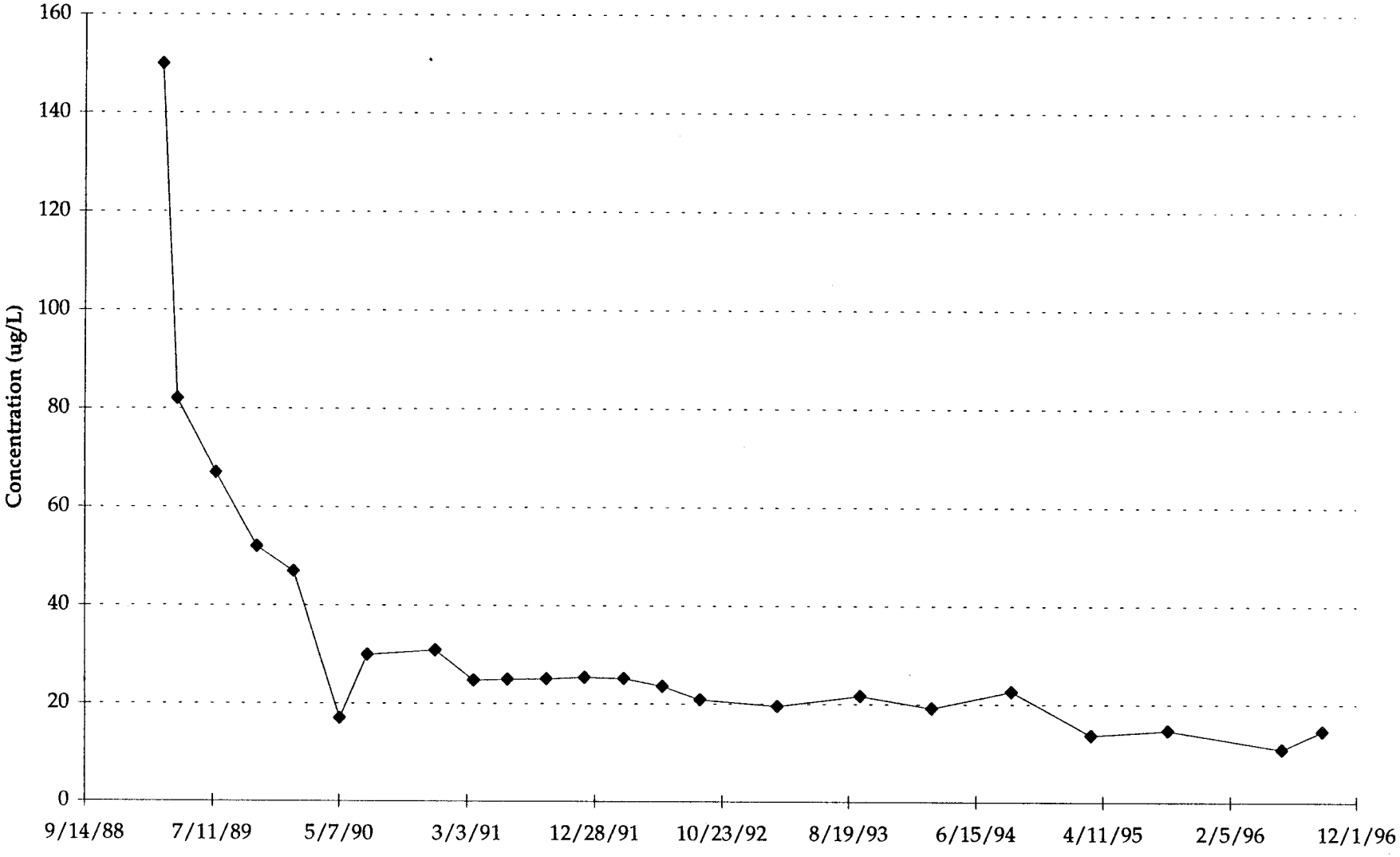
APPENDIX G.1

EXTRACTION WELL B9 - TRCLE VS. TIME



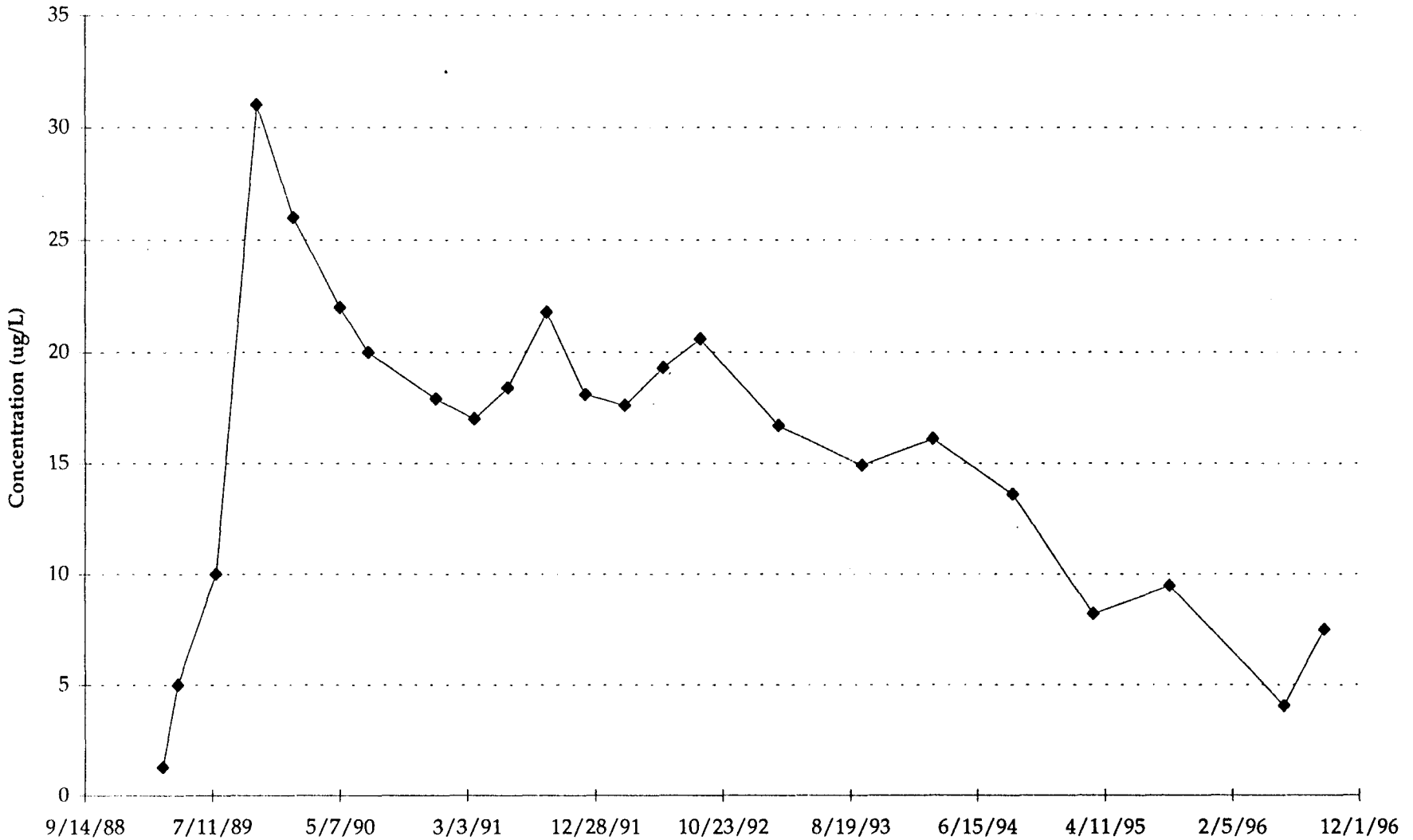
CRA 7680 (2)

EXTRACTION WELL B10 - TRCLE VS. TIME



APPENDIX G.1

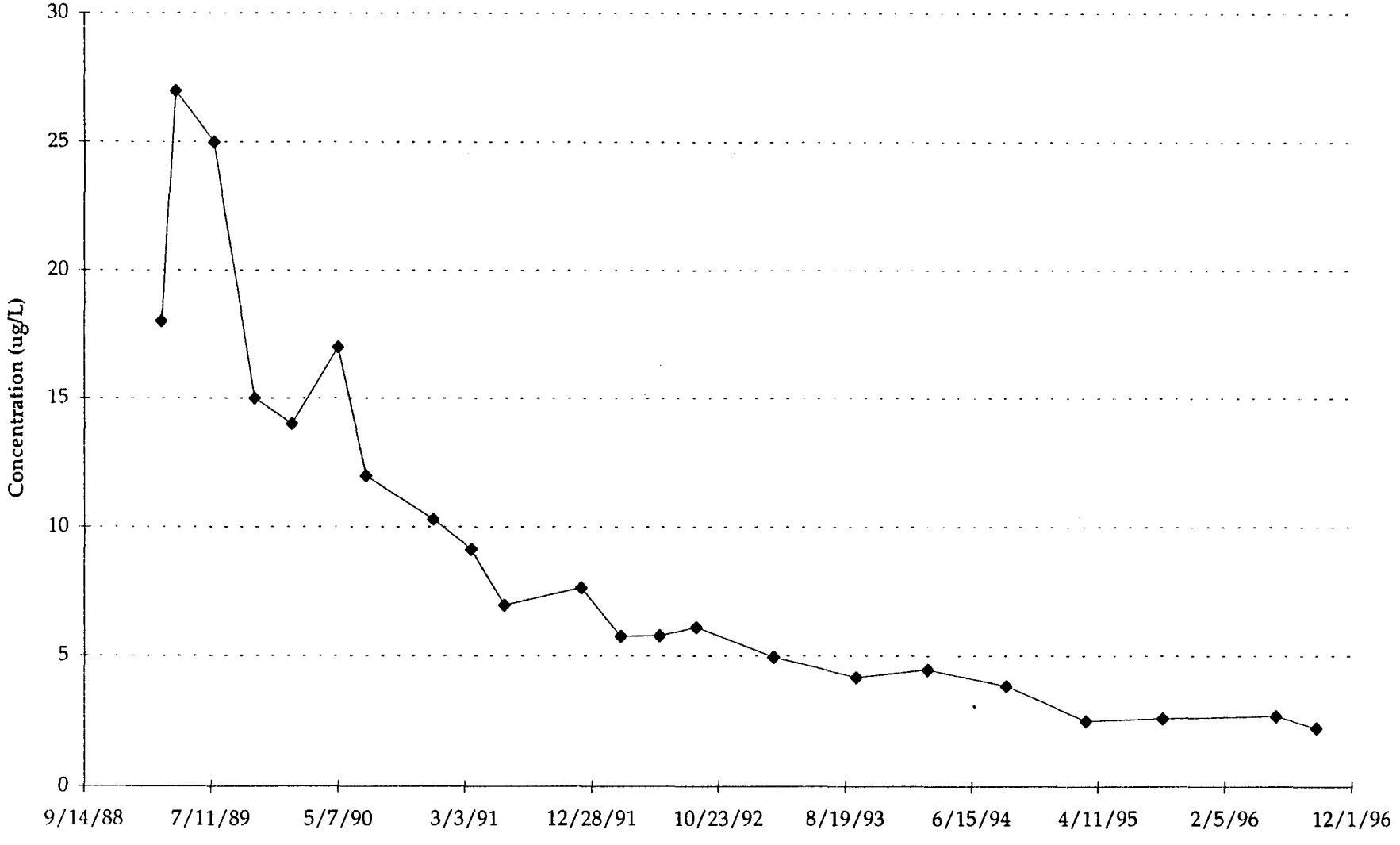
EXTRACTION WELL B11 - TRCLE VS. TIME



CRA 7680 (2)

APPENDIX G.1

EXTRACTION WELL B12 - TRCLE VS. TIME



G.2 Fiscal Year 1996 Influent/Effluent Database TGRS, TCAAP

APPENDIX G.2

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
TGRSE	10/3/95	111TCE	CR	PC	HWG 004	0.62	1
TGRSE	10/3/95	111TCE	CR	PC	HWG 009	< 1	D
TGRSE	11/7/95	111TCE	CR	PC	HWH 005	< 1	
TGRSE	11/7/95	111TCE	CR	PC	HWH 006	< 1	D
TGRSE	12/5/95	111TCE	CR	PC	HWI 019	< 1	D
TGRSE	12/5/95	111TCE	CR	PC	HWI 021	< 1	
TGRSE	1/2/96	111TCE	CR	PC	HWL 005	< 1	
TGRSE	1/2/96	111TCE	CR	PC	HWL 006	< 1	
TGRSE	2/6/96	111TCE	CR	PC	HWN 004	< 1	?
TGRSE	2/6/96	111TCE	CR	PC	HWN 005	< 1	D?
TGRSE	3/7/96	111TCE	CR	PC	HWP 007	< 1	?
TGRSE	3/7/96	111TCE	CR	PC	HWP 008	< 1	D?
TGRSE	4/2/96	111TCE	CR	PC	HWS 009	< 1	?
TGRSE	4/2/96	111TCE	CR	PC	HWS 010	< 1	D?
TGRSE	5/7/96	111TCE	CR	PC	HWT 004	< 1	D?
TGRSE	5/7/96	111TCE	CR	PC	HWT 006	< 1	?
TGRSE	6/4/96	111TCE	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	111TCE	CR	UB	AXWT 005	< 0.76	
TGRSE	7/2/96	111TCE	CR	UB	AXWT 006	< 0.76	D
TGRSE	8/9/96	111TCE	CR	UB	AYIK 010	< 0.76	
TGRSE	8/9/96	111TCE	CR	UB	AYIK 011	< 0.76	D
TGRSE	9/3/96	111TCE	CR	UB	AYZB 009	< 0.76	
TGRSE	9/3/96	111TCE	CR	UB	AYZB 010	< 0.76	D
TGRSE	10/3/95	112TCE	CR	PC	HWG 004	< 1	
TGRSE	10/3/95	112TCE	CR	PC	HWG 009	< 1	D
TGRSE	11/7/95	112TCE	CR	PC	HWH 005	< 1	
TGRSE	11/7/95	112TCE	CR	PC	HWH 006	< 1	D
TGRSE	12/5/95	112TCE	CR	PC	HWI 019	< 1	D
TGRSE	12/5/95	112TCE	CR	PC	HWI 021	< 1	
TGRSE	1/2/96	112TCE	CR	PC	HWL 005	< 1	
TGRSE	1/2/96	112TCE	CR	PC	HWL 006	< 1	
TGRSE	2/6/96	112TCE	CR	PC	HWN 004	< 1	?
TGRSE	2/6/96	112TCE	CR	PC	HWN 005	0.535	1D?
TGRSE	3/7/96	112TCE	CR	PC	HWP 007	< 1	?
TGRSE	3/7/96	112TCE	CR	PC	HWP 008	< 1	D?
TGRSE	4/2/96	112TCE	CR	PC	HWS 009	< 1	?
TGRSE	4/2/96	112TCE	CR	PC	HWS 010	< 1	D?
TGRSE	5/7/96	112TCE	CR	PC	HWT 004	< 1	D?
TGRSE	5/7/96	112TCE	CR	PC	HWT 006	< 1	?
TGRSE	6/4/96	112TCE	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	112TCE	CR	UB	AXWT 005	< 0.78	
TGRSE	7/2/96	112TCE	CR	UB	AXWT 006	< 0.78	D

APPENDIX G.2

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	8/9/96	112TCE	CR	UB	AYIK 010	< 0.78	
TGRSE	8/9/96	112TCE	CR	UB	AYIK 011	< 0.78	D
TGRSE	9/3/96	112TCE	CR	UB	AYZB 009	< 0.78	
TGRSE	9/3/96	112TCE	CR	UB	AYZB 010	< 0.78	D
TGRSE	10/3/95	11DCE	CR	PC	HWG 004	< 1	
TGRSE	10/3/95	11DCE	CR	PC	HWG 009	< 1	D
TGRSE	11/7/95	11DCE	CR	PC	HWH 005	< 1	
TGRSE	11/7/95	11DCE	CR	PC	HWH 006	< 1	D
TGRSE	12/5/95	11DCE	CR	PC	HWI 019	< 1	D
TGRSE	12/5/95	11DCE	CR	PC	HWI 021	< 1	
TGRSE	1/2/96	11DCE	CR	PC	HWL 005	< 1	
TGRSE	1/2/96	11DCE	CR	PC	HWL 006	< 1	
TGRSE	2/6/96	11DCE	CR	PC	HWN 004	< 1	?
TGRSE	2/6/96	11DCE	CR	PC	HWN 005	< 1	D?
TGRSE	3/7/96	11DCE	CR	PC	HWP 007	< 1	?
TGRSE	3/7/96	11DCE	CR	PC	HWP 008	< 1	D?
TGRSE	4/2/96	11DCE	CR	PC	HWS 009	< 1	?
TGRSE	4/2/96	11DCE	CR	PC	HWS 010	< 1	D?
TGRSE	5/7/96	11DCE	CR	PC	HWT 004	< 1	D?
TGRSE	5/7/96	11DCE	CR	PC	HWT 006	< 1	?
TGRSE	6/4/96	11DCE	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	11DCE	CR	UB	AXWT 005	< 1.7	
TGRSE	7/2/96	11DCE	CR	UB	AXWT 006	< 1.7	D
TGRSE	8/9/96	11DCE	CR	UB	AYIK 010	< 1.7	
TGRSE	8/9/96	11DCE	CR	UB	AYIK 011	< 1.7	D
TGRSE	9/3/96	11DCE	CR	UB	AYZB 009	< 1.7	
TGRSE	9/3/96	11DCE	CR	UB	AYZB 010	< 1.7	D
TGRSE	10/3/95	11DCLE	CR	PC	HWG 004	< 0.78	
TGRSE	10/3/95	11DCLE	CR	PC	HWG 009	< 0.78	D
TGRSE	11/7/95	11DCLE	CR	PC	HWH 005	< 0.78	
TGRSE	11/7/95	11DCLE	CR	PC	HWH 006	< 0.78	D
TGRSE	12/5/95	11DCLE	CR	PC	HWI 019	< 0.78	D
TGRSE	12/5/95	11DCLE	CR	PC	HWI 021	< 0.78	
TGRSE	1/2/96	11DCLE	CR	PC	HWL 005	< 0.78	
TGRSE	1/2/96	11DCLE	CR	PC	HWL 006	< 0.78	
TGRSE	2/6/96	11DCLE	CR	PC	HWN 004	< 0.78	?
TGRSE	2/6/96	11DCLE	CR	PC	HWN 005	< 0.78	D?
TGRSE	3/7/96	11DCLE	CR	PC	HWP 007	< 0.78	?
TGRSE	3/7/96	11DCLE	CR	PC	HWP 008	< 0.78	D?
TGRSE	4/2/96	11DCLE	CR	PC	HWS 009	< 0.78	?
TGRSE	4/2/96	11DCLE	CR	PC	HWS 010	< 0.78	D?
TGRSE	5/7/96	11DCLE	CR	PC	HWT 004	< 0.78	D?

APPENDIX G.2

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	5/7/96	11DCLE	CR	PC	HWT 006	< 0.78	?
TGRSE	6/4/96	11DCLE	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	11DCLE	CR	UB	AXWT 005	< 0.73	
TGRSE	7/2/96	11DCLE	CR	UB	AXWT 006	< 0.73	D
TGRSE	8/9/96	11DCLE	CR	UB	AYIK 010	< 0.73	
TGRSE	8/9/96	11DCLE	CR	UB	AYIK 011	< 0.73	D
TGRSE	9/3/96	11DCLE	CR	UB	AYZB 009	< 0.73	
TGRSE	9/3/96	11DCLE	CR	UB	AYZB 010	< 0.73	D
TGRSE	6/4/96	124TCB	CR	UB	AXMM 002	< 2.4	V
TGRSE	10/3/95	12DCE	CR	PC	HWG 004	< 0.5	
TGRSE	10/3/95	12DCE	CR	PC	HWG 009	< 0.5	D
TGRSE	11/7/95	12DCE	CR	PC	HWH 005	< 0.5	
TGRSE	11/7/95	12DCE	CR	PC	HWH 006	< 0.5	D
TGRSE	12/5/95	12DCE	CR	PC	HWI 019	< 0.5	D
TGRSE	12/5/95	12DCE	CR	PC	HWI 021	< 0.5	
TGRSE	1/2/96	12DCE	CR	PC	HWL 005	< 0.5	I
TGRSE	1/2/96	12DCE	CR	PC	HWL 006	< 0.5	I
TGRSE	2/6/96	12DCE	CR	PC	HWN 004	< 0.5	?
TGRSE	2/6/96	12DCE	CR	PC	HWN 005	< 0.5	D?
TGRSE	3/7/96	12DCE	CR	PC	HWP 007	< 0.356	?
TGRSE	3/7/96	12DCE	CR	PC	HWP 008	< 0.5	D?
TGRSE	4/2/96	12DCE	CR	PC	HWS 009	< 0.5	?
TGRSE	4/2/96	12DCE	CR	PC	HWS 010	< 0.5	D?
TGRSE	5/7/96	12DCE	CR	PC	HWT 004	< 0.5	D?
TGRSE	5/7/96	12DCE	CR	PC	HWT 006	< 0.5	?
TGRSE	6/4/96	12DCE	CR	UB	AXOC 002	< 5	
TGRSE	7/2/96	12DCE	CR	UB	AXWT 005	< 0.76	
TGRSE	7/2/96	12DCE	CR	UB	AXWT 006	< 0.76	D
TGRSE	8/9/96	12DCE	CR	UB	AYIK 010	< 0.76	
TGRSE	8/9/96	12DCE	CR	UB	AYIK 011	< 0.76	D
TGRSE	9/3/96	12DCE	CR	UB	AYZB 009	< 0.76	
TGRSE	9/3/96	12DCE	CR	UB	AYZB 010	< 0.76	D
TGRSE	6/4/96	12DCLB	CR	UB	AXMM 002	< 1.2	V
TGRSE	10/3/95	12DCLE	CR	PC	HWG 004	< 0.5	
TGRSE	10/3/95	12DCLE	CR	PC	HWG 009	< 0.5	D
TGRSE	11/7/95	12DCLE	CR	PC	HWH 005	< 0.5	
TGRSE	11/7/95	12DCLE	CR	PC	HWH 006	< 0.5	D
TGRSE	12/5/95	12DCLE	CR	PC	HWI 019	< 0.5	D
TGRSE	12/5/95	12DCLE	CR	PC	HWI 021	< 0.5	
TGRSE	1/2/96	12DCLE	CR	PC	HWL 005	< 0.5	
TGRSE	1/2/96	12DCLE	CR	PC	HWL 006	< 0.5	
TGRSE	2/6/96	12DCLE	CR	PC	HWN 004	< 0.5	?

APPENDIX G.2

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	2/6/96	12DCLE	CR	PC	HWN 005	< 0.5	D?
TGRSE	3/7/96	12DCLE	CR	PC	HWP 007	< 0.5	?
TGRSE	3/7/96	12DCLE	CR	PC	HWP 008	< 0.5	D?
TGRSE	4/2/96	12DCLE	CR	PC	HWS 009	< 0.5	?
TGRSE	4/2/96	12DCLE	CR	PC	HWS 010	< 0.5	D?
TGRSE	5/7/96	12DCLE	CR	PC	HWT 004	< 0.5	D?
TGRSE	5/7/96	12DCLE	CR	PC	HWT 006	< 0.5	?
TGRSE	6/4/96	12DCLE	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	12DCLE	CR	UB	AXWT 005	< 1.1	
TGRSE	7/2/96	12DCLE	CR	UB	AXWT 006	< 1.1	D
TGRSE	8/9/96	12DCLE	CR	UB	AYIK 010	< 1.1	
TGRSE	8/9/96	12DCLE	CR	UB	AYIK 011	< 1.1	D
TGRSE	9/3/96	12DCLE	CR	UB	AYZB 009	< 1.1	
TGRSE	9/3/96	12DCLE	CR	UB	AYZB 010	< 1.1	D
TGRSE	10/3/95	12DCLP	CR	PC	HWG 004	< 1	
TGRSE	10/3/95	12DCLP	CR	PC	HWG 009	< 1	D
TGRSE	11/7/95	12DCLP	CR	PC	HWH 005	< 1	
TGRSE	11/7/95	12DCLP	CR	PC	HWH 006	< 1	D
TGRSE	12/5/95	12DCLP	CR	PC	HWI 019	< 1	D
TGRSE	12/5/95	12DCLP	CR	PC	HWI 021	< 1	
TGRSE	1/2/96	12DCLP	CR	PC	HWL 005	< 1	
TGRSE	1/2/96	12DCLP	CR	PC	HWL 006	< 1	
TGRSE	2/6/96	12DCLP	CR	PC	HWN 004	< 1	?
TGRSE	2/6/96	12DCLP	CR	PC	HWN 005	< 1	D?
TGRSE	3/7/96	12DCLP	CR	PC	HWP 007	< 1	?
TGRSE	3/7/96	12DCLP	CR	PC	HWP 008	< 1	D?
TGRSE	4/2/96	12DCLP	CR	PC	HWS 009	< 1	?
TGRSE	4/2/96	12DCLP	CR	PC	HWS 010	< 1	D?
TGRSE	5/7/96	12DCLP	CR	PC	HWT 004	< 1	D?
TGRSE	5/7/96	12DCLP	CR	PC	HWT 006	< 1	?
TGRSE	6/4/96	12DCLP	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	12DCLP	CR	UB	AXWT 005	< 1	T
TGRSE	7/2/96	12DCLP	CR	UB	AXWT 006	< 1	DT
TGRSE	8/9/96	12DCLP	CR	UB	AYIK 010	< 1	T
TGRSE	8/9/96	12DCLP	CR	UB	AYIK 011	< 1	DT
TGRSE	9/3/96	12DCLP	CR	UB	AYZB 009	< 1	T
TGRSE	9/3/96	12DCLP	CR	UB	AYZB 010	< 1	TD
TGRSE	6/4/96	13DCLB	CR	UB	AXMM 002	< 3.4	V
TGRSE	6/4/96	14DCLB	CR	UB	AXMM 002	< 1.5	V
TGRSE	6/4/96	245TCP	CR	UB	AXMM 002	< 2.8	V
TGRSE	6/4/96	246TCP	CR	UB	AXMM 002	< 3.6	V
TGRSE	6/4/96	24DCLP	CR	UB	AXMM 002	< 8.4	V

APPENDIX G.2

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	6/4/96	24DMPN	CR	UB	AXMM 002	< 4.4	V
TGRSE	6/4/96	24DNP	CR	UB	AXMM 002	< 180	V
TGRSE	6/4/96	24DNT	CR	UB	AXMM 002	< 5.8	V
TGRSE	6/4/96	26DNT	CR	UB	AXMM 002	< 6.7	V
TGRSE	6/4/96	2CLP	CR	UB	AXMM 002	< 2.8	V
TGRSE	6/4/96	2CNAP	CR	UB	AXMM 002	< 2.6	V
TGRSE	6/4/96	2MNAP	CR	UB	AXMM 002	< 1.3	V
TGRSE	6/4/96	2MP	CR	UB	AXMM 002	< 3.6	V
TGRSE	6/4/96	2NANIL	CR	UB	AXMM 002	< 31	RV
TGRSE	6/4/96	2NP	CR	UB	AXMM 002	< 8.2	V
TGRSE	6/4/96	33DCBD	CR	UB	AXMM 002	< 5	V
TGRSE	6/4/96	3NANIL	CR	UB	AXMM 002	< 15	V
TGRSE	6/4/96	46DN2C	CR	UB	AXMM 002	< 50	RV
TGRSE	6/4/96	4BRPPE	CR	UB	AXMM 002	< 22	V
TGRSE	6/4/96	4CANIL	CR	UB	AXMM 002	< 1	RV
TGRSE	6/4/96	4CL3C	CR	UB	AXMM 002	< 8.5	V
TGRSE	6/4/96	4CLPPE	CR	UB	AXMM 002	< 23	V
TGRSE	6/4/96	4MP	CR	UB	AXMM 002	< 2.8	V
TGRSE	6/4/96	4NANIL	CR	UB	AXMM 002	< 31	RV
TGRSE	6/4/96	4NP	CR	UB	AXMM 002	< 96	V
TGRSE	6/4/96	ABHC	CR	UB	AXMN 003	< 0.0025	
TGRSE	6/4/96	ACET	CR	UB	AXOC 002	< 8	
TGRSE	6/4/96	ACLDAN	CR	UB	AXMN 003	< 0.0312	T
TGRSE	6/4/96	AENSLF	CR	UB	AXMN 003	< 0.0025	
TGRSE	6/4/96	AG	CR	UB	AXMB 005	< 0.333	VI
TGRSE	6/4/96	AL	CR	UB	AXLX 005	< 112	
TGRSE	6/4/96	ALDRN	CR	UB	AXMN 003	< 0.0074	
TGRSE	6/4/96	ANAPNE	CR	UB	AXMM 002	< 5.8	V
TGRSE	6/4/96	ANAPYL	CR	UB	AXMM 002	< 5.1	V
TGRSE	6/4/96	ANTRC	CR	UB	AXMM 002	< 5.2	V
TGRSE	10/3/95	AS	CR	PC	EZJ 002	< 4	
TGRSE	11/7/95	AS	CR	PC	EZO 002	< 4	
TGRSE	12/5/95	AS	CR	PC	EZP 002	< 4	
TGRSE	1/2/96	AS	CR	PC	EZQ 003	< 5	
TGRSE	2/6/96	AS	CR	PC	EZR 002	< 4	
TGRSE	3/5/96	AS	CR	PC	EZS 003	< 5	
TGRSE	4/2/96	AS	CR	PC	EZT 002	< 4	
TGRSE	5/7/96	AS	CR	PC	EZU 002	< 4	
TGRSE	6/4/96	AS	CR	UB	AXLY 005	< 2.35	V
TGRSE	7/2/96	AS	CR	UB	AXWO 005	< 2.35	
TGRSE	8/9/96	AS	CR	UB	AYHZ 005	< 2.35	
TGRSE	9/3/96	AS	CR	UB	AYXD 005	< 2.35	

APPENDIX G.2

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	6/4/96	B2CEXM	CR	UB	AXMM 002	< 6.8	V
TGRSE	6/4/96	B2CIPE	CR	UB	AXMM 002	< 5	V
TGRSE	6/4/96	B2CLEE	CR	UB	AXMM 002	< 0.68	V
TGRSE	6/4/96	B2EHP	CR	UB	AXMM 002	< 7.7	V
TGRSE	6/4/96	BA	CR	UB	AXLX 005	93.2	
TGRSE	6/4/96	BAANTR	CR	UB	AXMM 002	< 9.8	V
TGRSE	6/4/96	BAPYR	CR	UB	AXMM 002	< 14	V
TGRSE	6/4/96	BBFANT	CR	UB	AXMM 002	< 10	V
TGRSE	6/4/96	BBHC	CR	UB	AXMN 003	< 0.0099	
TGRSE	6/4/96	BBZP	CR	UB	AXMM 002	< 28	V
TGRSE	6/4/96	BE	CR	UB	AXLX 005	< 1.12	
TGRSE	6/4/96	BENSLF	CR	UB	AXMN 003	< 0.0077	
TGRSE	6/4/96	BENZOA	CR	UB	AXMM 002	< 3.1	RV
TGRSE	6/4/96	BGHIPY	CR	UB	AXMM 002	< 15	V
TGRSE	6/4/96	BKFANT	CR	UB	AXMM 002	< 10	V
TGRSE	6/4/96	BRDCLM	CR	UB	AXOC 002	< 1	
TGRSE	6/4/96	BZALC	CR	UB	AXMM 002	< 4	V
TGRSE	6/4/96	C13DCP	CR	UB	AXOC 002	< 5	R
TGRSE	10/3/95	C2H3CL	CR	PC	HWG 004	< 1.9	
TGRSE	10/3/95	C2H3CL	CR	PC	HWG 009	< 1.9	D
TGRSE	11/7/95	C2H3CL	CR	PC	HWH 005	< 1.9	
TGRSE	11/7/95	C2H3CL	CR	PC	HWH 006	< 1.9	D
TGRSE	12/5/95	C2H3CL	CR	PC	HWI 019	< 1.9	D
TGRSE	12/5/95	C2H3CL	CR	PC	HWI 021	< 1.9	
TGRSE	1/2/96	C2H3CL	CR	PC	HWL 005	< 1.9	
TGRSE	1/2/96	C2H3CL	CR	PC	HWL 006	< 1.9	
TGRSE	2/6/96	C2H3CL	CR	PC	HWN 004	< 1.9	?
TGRSE	2/6/96	C2H3CL	CR	PC	HWN 005	< 1.9	D?
TGRSE	3/7/96	C2H3CL	CR	PC	HWP 007	< 1.9	?
TGRSE	3/7/96	C2H3CL	CR	PC	HWP 008	< 1.9	D?
TGRSE	4/2/96	C2H3CL	CR	PC	HWS 009	< 1.9	?
TGRSE	4/2/96	C2H3CL	CR	PC	HWS 010	< 1.9	D?
TGRSE	5/7/96	C2H3CL	CR	PC	HWT 004	< 1.9	D?
TGRSE	5/7/96	C2H3CL	CR	PC	HWT 006	< 1.9	?
TGRSE	6/4/96	C2H3CL	CR	UB	AXOC 002	< 12	
TGRSE	7/2/96	C2H3CL	CR	UB	AXWT 005	< 1.01	
TGRSE	7/2/96	C2H3CL	CR	UB	AXWT 006	< 1.01	D
TGRSE	8/9/96	C2H3CL	CR	UB	AYIK 010	< 1.01	
TGRSE	8/9/96	C2H3CL	CR	UB	AYIK 011	< 1.01	D
TGRSE	9/3/96	C2H3CL	CR	UB	AYZB 009	< 1.01	
TGRSE	9/3/96	C2H3CL	CR	UB	AYZB 010	< 1.01	D
TGRSE	6/4/96	C2H5CL	CR	UB	AXOC 002	< 8	

APPENDIX G.2

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	6/4/96	C6H6	CR	UB	AXOC 002	< 1	
TGRSE	6/4/96	CA	CR	UB	AXLX 005	67000	
TGRSE	6/4/96	CARBAZ	CR	UB	AXMM 002	< 5	RV
TGRSE	10/3/95	CCL4	CR	PC	HWG 004	< 1.3	
TGRSE	10/3/95	CCL4	CR	PC	HWG 009	< 1.3	D
TGRSE	11/7/95	CCL4	CR	PC	HWH 005	< 1.3	
TGRSE	11/7/95	CCL4	CR	PC	HWH 006	< 1.3	D
TGRSE	12/5/95	CCL4	CR	PC	HWI 019	< 1.3	D
TGRSE	12/5/95	CCL4	CR	PC	HWI 021	< 1.3	
TGRSE	1/2/96	CCL4	CR	PC	HWL 005	< 1.3	
TGRSE	1/2/96	CCL4	CR	PC	HWL 006	< 1.3	
TGRSE	2/6/96	CCL4	CR	PC	HWN 004	< 1.3	?
TGRSE	2/6/96	CCL4	CR	PC	HWN 005	< 1.3	D?
TGRSE	3/7/96	CCL4	CR	PC	HWP 007	< 1.3	?
TGRSE	3/7/96	CCL4	CR	PC	HWP 008	< 1.3	D?
TGRSE	4/2/96	CCL4	CR	PC	HWS 009	< 1.3	?
TGRSE	4/2/96	CCL4	CR	PC	HWS 010	< 1.3	D?
TGRSE	5/7/96	CCL4	CR	PC	HWT 004	< 1.3	D?
TGRSE	5/7/96	CCL4	CR	PC	HWT 006	< 1.3	?
TGRSE	6/4/96	CCL4	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	CCL4	CR	UB	AXWT 005	< 0.99	
TGRSE	7/2/96	CCL4	CR	UB	AXWT 006	< 0.99	D
TGRSE	8/9/96	CCL4	CR	UB	AYIK 010	< 0.99	
TGRSE	8/9/96	CCL4	CR	UB	AYIK 011	< 0.99	D
TGRSE	9/3/96	CCL4	CR	UB	AYZB 009	< 0.99	
TGRSE	9/3/96	CCL4	CR	UB	AYZB 010	< 0.99	D
TGRSE	10/3/95	CD	CR	PC	IRI 004	< 5	
TGRSE	11/7/95	CD	CR	PC	IRK 004	< 5	
TGRSE	12/5/95	CD	CR	PC	IRM 004	< 5	
TGRSE	1/2/96	CD	CR	PC	IRN 004	< 5	
TGRSE	2/6/96	CD	CR	PC	IRO 004	< 5	?
TGRSE	3/5/96	CD	CR	PC	IRP 004	< 5	?
TGRSE	4/2/96	CD	CR	PC	IRQ 004	< 5	?
TGRSE	5/7/96	CD	CR	PC	IRR 004	< 5	?
TGRSE	6/4/96	CD	CR	UB	AXLX 005	< 6.78	
TGRSE	7/2/96	CD	CR	UB	AXWN 005	< 6.78	
TGRSE	8/9/96	CD	CR	UB	AYHY 005	< 6.78	
TGRSE	9/3/96	CD	CR	UB	AYQO 005	< 6.78	
TGRSE	10/3/95	CH2CL2	CR	PC	HWG 004	< 3.2	
TGRSE	10/3/95	CH2CL2	CR	PC	HWG 009	< 3.2	D
TGRSE	11/7/95	CH2CL2	CR	PC	HWH 005	< 3.2	
TGRSE	11/7/95	CH2CL2	CR	PC	HWH 006	< 3.2	D

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FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	12/5/95	CH2CL2	CR	PC	HWI 019	3.06	D
TGRSE	12/5/95	CH2CL2	CR	PC	HWI 021	< 3.2	
TGRSE	1/2/96	CH2CL2	CR	PC	HWL 005	< 3.2	
TGRSE	1/2/96	CH2CL2	CR	PC	HWL 006	< 3.2	
TGRSE	2/6/96	CH2CL2	CR	PC	HWN 004	< 3.2	?
TGRSE	2/6/96	CH2CL2	CR	PC	HWN 005	< 3.2	D?
TGRSE	3/7/96	CH2CL2	CR	PC	HWP 007	< 3.2	?
TGRSE	3/7/96	CH2CL2	CR	PC	HWP 008	< 3.2	D?
TGRSE	4/2/96	CH2CL2	CR	PC	HWS 009	< 3.2	?
TGRSE	4/2/96	CH2CL2	CR	PC	HWS 010	< 3.2	D?
TGRSE	5/7/96	CH2CL2	CR	PC	HWT 004	< 3.2	D?
TGRSE	5/7/96	CH2CL2	CR	PC	HWT 006	< 3.2	?
TGRSE	6/4/96	CH2CL2	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	CH2CL2	CR	UB	AXWT 005	< 7.4	
TGRSE	7/2/96	CH2CL2	CR	UB	AXWT 006	< 7.4	D
TGRSE	8/9/96	CH2CL2	CR	UB	AYIK 010	< 7.4	
TGRSE	8/9/96	CH2CL2	CR	UB	AYIK 011	< 7.4	D
TGRSE	9/3/96	CH2CL2	CR	UB	AYZB 009	< 7.4	
TGRSE	9/3/96	CH2CL2	CR	UB	AYZB 010	< 7.4	D
TGRSE	6/4/96	CH3BR	CR	UB	AXOC 002	< 14	
TGRSE	6/4/96	CH3CL	CR	UB	AXOC 002	< 1.2	
TGRSE	6/4/96	CHBR3	CR	UB	AXOC 002	< 11	
TGRSE	10/3/95	CHCL3	CR	PC	HWG 004	< 0.72	
TGRSE	10/3/95	CHCL3	CR	PC	HWG 009	< 0.72	D
TGRSE	11/7/95	CHCL3	CR	PC	HWH 005	< 0.72	
TGRSE	11/7/95	CHCL3	CR	PC	HWH 006	< 0.72	D
TGRSE	12/5/95	CHCL3	CR	PC	HWI 019	< 0.72	D
TGRSE	12/5/95	CHCL3	CR	PC	HWI 021	< 0.72	
TGRSE	1/2/96	CHCL3	CR	PC	HWL 005	< 0.72	
TGRSE	1/2/96	CHCL3	CR	PC	HWL 006	< 0.72	
TGRSE	2/6/96	CHCL3	CR	PC	HWN 004	< 0.72	?
TGRSE	2/6/96	CHCL3	CR	PC	HWN 005	< 0.72	D?
TGRSE	3/7/96	CHCL3	CR	PC	HWP 007	< 0.72	?
TGRSE	3/7/96	CHCL3	CR	PC	HWP 008	< 0.72	D?
TGRSE	4/2/96	CHCL3	CR	PC	HWS 009	< 0.72	?
TGRSE	4/2/96	CHCL3	CR	PC	HWS 010	< 0.72	D?
TGRSE	5/7/96	CHCL3	CR	PC	HWT 004	< 0.72	D?
TGRSE	5/7/96	CHCL3	CR	PC	HWT 006	< 0.72	?
TGRSE	6/4/96	CHCL3	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	CHCL3	CR	UB	AXWT 005	< 0.5	
TGRSE	7/2/96	CHCL3	CR	UB	AXWT 006	< 0.5	D
TGRSE	8/9/96	CHCL3	CR	UB	AYIK 010	< 0.5	

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FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	8/9/96	CHCL3	CR	UB	AYIK 011	< 0.5	D
TGRSE	9/3/96	CHCL3	CR	UB	AYZB 009	< 0.5	
TGRSE	9/3/96	CHCL3	CR	UB	AYZB 010	< 0.5	D
TGRSE	6/4/96	CHRY	CR	UB	AXMM 002	< 7.4	V
TGRSE	6/4/96	CL6BZ	CR	UB	AXMM 002	< 12	V
TGRSE	6/4/96	CL6CP	CR	UB	AXMM 002	< 54	V
TGRSE	6/4/96	CL6ET	CR	UB	AXMM 002	< 8.3	V
TGRSE	6/4/96	CLC6H5	CR	UB	AXOC 002	< 1	
TGRSE	12/5/95	CO	CR	PC	ELC 002	< 1	
TGRSE	3/5/96	CO	CR	PC	ELMA 002	< 1	
TGRSE	6/4/96	CO	CR	UB	AXLX 005	< 25	I
TGRSE	9/3/96	CO	CR	UB	AYQO 005	< 25	
TGRSE	10/3/95	CR	CR	PC	IRI 004	< 15	
TGRSE	11/7/95	CR	CR	PC	IRK 004	< 15	
TGRSE	12/5/95	CR	CR	PC	IRM 004	< 15	
TGRSE	1/2/96	CR	CR	PC	IRN 004	< 15	
TGRSE	2/6/96	CR	CR	PC	IRO 004	< 15	?
TGRSE	3/5/96	CR	CR	PC	IRP 004	< 15	?
TGRSE	4/2/96	CR	CR	PC	IRQ 004	< 15	?
TGRSE	5/7/96	CR	CR	PC	IRR 004	< 15	?
TGRSE	6/4/96	CR	CR	UB	AXLX 005	< 16.8	
TGRSE	7/2/96	CR	CR	UB	AXWN 005	< 16.8	
TGRSE	8/9/96	CR	CR	UB	AYHY 005	< 16.8	
TGRSE	9/3/96	CR	CR	UB	AYQO 005	< 16.8	
TGRSE	6/4/96	CS2	CR	UB	AXOC 002	< 5	R
TGRSE	6/4/96	CU	CR	UB	AXLX 005	< 18.8	
TGRSE	6/4/96	DBAHA	CR	UB	AXMM 002	< 12	V
TGRSE	6/4/96	DBHC	CR	UB	AXMN 003	< 0.0034	
TGRSE	6/4/96	DBRCLM	CR	UB	AXOC 002	< 1	
TGRSE	6/4/96	DEP	CR	UB	AXMM 002	< 5.9	V
TGRSE	6/4/96	DLDRN	CR	UB	AXMN 003	< 0.0074	
TGRSE	6/4/96	DMP	CR	UB	AXMM 002	< 2.2	V
TGRSE	6/4/96	DNBP	CR	UB	AXMM 002	< 33	V
TGRSE	6/4/96	DNOP	CR	UB	AXMM 002	< 1.5	V
TGRSE	6/4/96	ENDRN	CR	UB	AXMN 003	< 0.0176	
TGRSE	6/4/96	ENDRNA	CR	UB	AXMN 003	< 0.0504	
TGRSE	6/4/96	ENDRNK	CR	UB	AXMN 003	< 0.0025	T
TGRSE	6/4/96	ESFSO4	CR	UB	AXMN 003	< 0.0025	T
TGRSE	6/4/96	ETC6H5	CR	UB	AXOC 002	< 1	
TGRSE	6/4/96	FANT	CR	UB	AXMM 002	< 24	V
TGRSE	6/4/96	FE	CR	UB	AXLX 005	259	
TGRSE	6/4/96	FLRENE	CR	UB	AXMM 002	< 9.2	V

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FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	6/4/96	GCLDAN	CR	UB	AXMN 003	< 0.0312	T
TGRSE	6/4/96	HCBD	CR	UB	AXMM 002	< 8.7	V
TGRSE	11/7/95	HG	CR	PC	JDO 004	< 0.74	
TGRSE	12/5/95	HG	CR	PC	JDP 013	< 0.74	
TGRSE	1/2/96	HG	CR	PC	JDR 004	< 0.74	?
TGRSE	2/6/96	HG	CR	PC	JDT 004	< 0.74	?
TGRSE	3/5/96	HG	CR	PC	JDV 007	< 0.74	?
TGRSE	4/2/96	HG	CR	PC	JDX 004	< 0.74	?
TGRSE	5/7/96	HG	CR	PC	JDY 004	< 0.74	?
TGRSE	6/4/96	HG	CR	UB	AXOG 006	< 0.1	V
TGRSE	7/2/96	HG	CR	UB	AXWF 006	< 0.1	
TGRSE	8/9/96	HG	CR	UB	AYJB 005	< 0.1	
TGRSE	9/3/96	HG	CR	UB	AYXK 010	< 0.1	
TGRSE	6/4/96	HPCL	CR	UB	AXMN 003	< 0.0025	
TGRSE	6/4/96	HPCLE	CR	UB	AXMN 003	< 0.0063	
TGRSE	6/4/96	ICDPYR	CR	UB	AXMM 002	< 21	V
TGRSE	6/4/96	ISOPHR	CR	UB	AXMM 002	< 2.4	V
TGRSE	6/4/96	K	CR	UB	AXLX 005	3010	
TGRSE	6/4/96	LIN	CR	UB	AXMN 003	< 0.0025	
TGRSE	6/4/96	MEC6H5	CR	UB	AXOC 002	< 1	
TGRSE	6/4/96	MEK	CR	UB	AXOC 002	< 10	
TGRSE	6/4/96	MEXCLR	CR	UB	AXMN 003	< 0.075	
TGRSE	6/4/96	MG	CR	UB	AXLX 005	25500	
TGRSE	6/4/96	MIBK	CR	UB	AXOC 002	< 1.4	
TGRSE	12/5/95	MN	CR	PC	IRM 004	1810	
TGRSE	3/5/96	MN	CR	PC	IRP 004	251	?
TGRSE	6/4/96	MN	CR	UB	AXLX 005	903	
TGRSE	9/3/96	MN	CR	UB	AYQO 005	417	
TGRSE	6/4/96	MNBK	CR	UB	AXOC 002	< 1	R
TGRSE	6/4/96	NA	CR	UB	AXLX 005	8550	
TGRSE	6/4/96	NAP	CR	UB	AXMM 002	< 0.5	V
TGRSE	6/4/96	NB	CR	UB	AXMM 002	< 3.7	V
TGRSE	10/3/96	NI	CR	PC	AKM 002	< 5	
TGRSE	11/7/95	NI	CR	PC	EXR 002	< 5	
TGRSE	12/5/95	NI	CR	PC	EXS 002	< 5	
TGRSE	1/2/96	NI	CR	PC	EXT 002	< 5	
TGRSE	2/6/96	NI	CR	PC	EXTA 002	< 5	
TGRSE	3/5/96	NI	CR	PC	EXV 002	< 5	
TGRSE	4/2/96	NI	CR	PC	EXW 002	< 5	
TGRSE	5/7/96	NI	CR	PC	EXX 002	< 5	
TGRSE	6/4/96	NI	CR	UB	AXLX 005	< 32.1	I
TGRSE	7/2/96	NI	CR	UB	AXWN 005	< 32.1	

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FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	8/9/96	NI	CR	UB	AYHY 005	< 32.1	
TGRSE	9/3/96	NI	CR	UB	AYQO 005	< 32.1	
TGRSE	6/4/96	NNDNPA	CR	UB	AXMM 002	< 6.8	V
TGRSE	6/4/96	NNDPA	CR	UB	AXMM 002	< 3.7	V
TGRSE	10/3/95	PB	CR	PC	KEA 002	< 3	
TGRSE	11/7/95	PB	CR	PC	KEB 002	< 3	
TGRSE	12/5/95	PB	CR	PC	KEC 002	< 3	
TGRSE	1/2/96	PB	CR	PC	KED 003	< 3	
TGRSE	3/5/96	PB	CR	PC	KEG 002	< 3	
TGRSE	4/2/96	PB	CR	PC	KEH 002	< 3	
TGRSE	5/7/96	PB	CR	PC	KEI 002	< 3	
TGRSE	6/4/96	PB	CR	UB	AXLZ 005	< 4.47	VMI
TGRSE	7/2/96	PB	CR	UB	AXWP 005	< 4.47	
TGRSE	8/9/96	PB	CR	UB	AYIA 005	< 4.47	
TGRSE	9/3/96	PB	CR	UB	AYXE 005	< 4.47	
TGRSE	6/4/96	PCB016	CR	UB	AXMN 003	< 0.385	
TGRSE	6/4/96	PCB221	CR	UB	AXMN 003	< 0.385	T
TGRSE	6/4/96	PCB232	CR	UB	AXMN 003	< 0.385	T
TGRSE	6/4/96	PCB242	CR	UB	AXMN 003	< 0.385	T
TGRSE	6/4/96	PCB248	CR	UB	AXMN 003	< 0.385	T
TGRSE	6/4/96	PCB254	CR	UB	AXMN 003	< 0.176	T
TGRSE	6/4/96	PCB260	CR	UB	AXMN 003	< 0.176	
TGRSE	6/4/96	PCP	CR	UB	AXMM 002	< 9.1	V
TGRSE	6/4/96	PHANTR	CR	UB	AXMM 002	< 9.9	V
TGRSE	6/4/96	PHENOL	CR	UB	AXMM 002	< 2.2	V
TGRSE	6/4/96	PPDDD	CR	UB	AXMN 003	< 0.0081	
TGRSE	6/4/96	PPDDE	CR	UB	AXMN 003	< 0.0039	
TGRSE	6/4/96	PPDDT	CR	UB	AXMN 003	< 0.0025	
TGRSE	6/4/96	PYR	CR	UB	AXMM 002	< 17	V
TGRSE	12/5/95	SB	CR	PC	ETQ 002	< 5	
TGRSE	3/5/96	SB	CR	PC	ETR 002	< 5	
TGRSE	6/4/96	SB	CR	UB	AXMC 003	< 10	V
TGRSE	9/3/96	SB	CR	UB	AYXH 003	< 6	
TGRSE	6/4/96	SE	CR	UB	AXMA 005	< 2.53	V
TGRSE	6/4/96	STYR	CR	UB	AXOC 002	< 5	R
TGRSE	10/3/95	T12DCE	CR	PC	HWG 004	< 0.3	T
TGRSE	10/3/95	T12DCE	CR	PC	HWG 009	< 0.3	T
TGRSE	11/7/95	T12DCE	CR	PC	HWH 005	< 0.3	T
TGRSE	11/7/95	T12DCE	CR	PC	HWH 006	< 0.3	TD
TGRSE	12/5/95	T12DCE	CR	PC	HWI 019	< 0.3	TD
TGRSE	12/5/95	T12DCE	CR	PC	HWI 021	< 0.3	T
TGRSE	1/2/96	T12DCE	CR	PC	HWL 005	< 0.3	T

APPENDIX G.2

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	1/2/96	T12DCE	CR	PC	HWL 006	< 0.3	T
TGRSE	2/6/96	T12DCE	CR	PC	HWN 004	< 0.3	T?
TGRSE	2/6/96	T12DCE	CR	PC	HWN 005	< 0.3	TD?
TGRSE	3/7/96	T12DCE	CR	PC	HWP 007	< 0.3	T?
TGRSE	3/7/96	T12DCE	CR	PC	HWP 008	< 0.3	TD?
TGRSE	4/2/96	T12DCE	CR	PC	HWS 009	< 0.3	T?
TGRSE	4/2/96	T12DCE	CR	PC	HWS 010	< 0.3	TD?
TGRSE	5/7/96	T12DCE	CR	PC	HWT 004	< 0.3	TD?
TGRSE	5/7/96	T12DCE	CR	PC	HWT 006	< 0.3	T?
TGRSE	6/4/96	T13DCP	CR	UB	AXOC 002	< 5	R
TGRSE	6/4/96	TCLEA	CR	UB	AXOC 002	< 1.5	
TGRSE	10/3/95	TCLEE	CR	PC	HWG 004	< 1	
TGRSE	10/3/95	TCLEE	CR	PC	HWG 009	< 1	D
TGRSE	11/7/95	TCLEE	CR	PC	HWH 005	< 1	
TGRSE	11/7/95	TCLEE	CR	PC	HWH 006	< 1	D
TGRSE	12/5/95	TCLEE	CR	PC	HWI 019	< 1	D
TGRSE	12/5/95	TCLEE	CR	PC	HWI 021	< 1	
TGRSE	1/2/96	TCLEE	CR	PC	HWL 005	< 1	
TGRSE	1/2/96	TCLEE	CR	PC	HWL 006	< 1	
TGRSE	2/6/96	TCLEE	CR	PC	HWN 004	< 1	?
TGRSE	2/6/96	TCLEE	CR	PC	HWN 005	< 1	D?
TGRSE	3/7/96	TCLEE	CR	PC	HWP 007	< 1	?
TGRSE	3/7/96	TCLEE	CR	PC	HWP 008	< 1	D?
TGRSE	4/2/96	TCLEE	CR	PC	HWS 009	< 1	?
TGRSE	4/2/96	TCLEE	CR	PC	HWS 010	< 1	D?
TGRSE	5/7/96	TCLEE	CR	PC	HWT 004	< 1	D?
TGRSE	5/7/96	TCLEE	CR	PC	HWT 006	< 1	?
TGRSE	6/4/96	TCLEE	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	TCLEE	CR	UB	AXWT 005	< 0.75	
TGRSE	7/2/96	TCLEE	CR	UB	AXWT 006	< 0.75	D
TGRSE	8/9/96	TCLEE	CR	UB	AYIK 010	< 0.75	
TGRSE	8/9/96	TCLEE	CR	UB	AYIK 011	< 0.75	D
TGRSE	9/3/96	TCLEE	CR	UB	AYZB 009	< 0.75	
TGRSE	9/3/96	TCLEE	CR	UB	AYZB 010	< 0.75	D
TGRSE	10/3/95	TCLTFE	CR	PC	HWG 004	< 1	
TGRSE	10/3/95	TCLTFE	CR	PC	HWG 009	< 1	D
TGRSE	11/7/95	TCLTFE	CR	PC	HWH 005	< 1	
TGRSE	11/7/95	TCLTFE	CR	PC	HWH 006	< 1	D
TGRSE	12/5/95	TCLTFE	CR	PC	HWI 019	< 1	D
TGRSE	12/5/95	TCLTFE	CR	PC	HWI 021	< 1	
TGRSE	1/2/96	TCLTFE	CR	PC	HWL 005	< 1	
TGRSE	1/2/96	TCLTFE	CR	PC	HWL 006	< 1	

APPENDIX G.2

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSE	2/6/96	TCLTFE	CR	PC	HWN 004	< 1	?
TGRSE	2/6/96	TCLTFE	CR	PC	HWN 005	< 1	D?
TGRSE	3/7/96	TCLTFE	CR	PC	HWP 007	< 1	?
TGRSE	3/7/96	TCLTFE	CR	PC	HWP 008	< 1	D?
TGRSE	4/2/96	TCLTFE	CR	PC	HWS 009	< 1	?
TGRSE	4/2/96	TCLTFE	CR	PC	HWS 010	< 1	D?
TGRSE	5/7/96	TCLTFE	CR	PC	HWT 004	< 1	D?
TGRSE	5/7/96	TCLTFE	CR	PC	HWT 006	< 1	?
TGRSE	7/2/96	TCLTFE	CR	UB	AXWT 005	< 1	T
TGRSE	7/2/96	TCLTFE	CR	UB	AXWT 006	< 1	DT
TGRSE	8/9/96	TCLTFE	CR	UB	AYIK 010	< 1	T
TGRSE	8/9/96	TCLTFE	CR	UB	AYIK 011	< 1	DT
TGRSE	9/3/96	TCLTFE	CR	UB	AYZB 009	< 1	T
TGRSE	9/3/96	TCLTFE	CR	UB	AYZB 010	< 1	TD
TGRSE	6/4/96	TL	CR	UB	AXMD 003	< 10	V
TGRSE	10/3/95	TRCLE	CR	PC	HWG 004	0.985	
TGRSE	10/3/95	TRCLE	CR	PC	HWG 009	0.97	D
TGRSE	11/7/95	TRCLE	CR	PC	HWH 005	0.98	
TGRSE	11/7/95	TRCLE	CR	PC	HWH 006	0.955	D
TGRSE	12/5/95	TRCLE	CR	PC	HWI 019	0.519	1D
TGRSE	12/5/95	TRCLE	CR	PC	HWI 021	0.502	1
TGRSE	1/2/96	TRCLE	CR	PC	HWL 005	< 0.5	
TGRSE	1/2/96	TRCLE	CR	PC	HWL 006	< 0.5	
TGRSE	2/6/96	TRCLE	CR	PC	HWN 004	0.491	1?
TGRSE	2/6/96	TRCLE	CR	PC	HWN 005	0.727	D?
TGRSE	3/7/96	TRCLE	CR	PC	HWP 007	0.552	?
TGRSE	3/7/96	TRCLE	CR	PC	HWP 008	0.502	D?
TGRSE	4/2/96	TRCLE	CR	PC	HWS 009	0.448	1?
TGRSE	4/2/96	TRCLE	CR	PC	HWS 010	0.42	1D?
TGRSE	5/7/96	TRCLE	CR	PC	HWT 004	< 0.5	D?
TGRSE	5/7/96	TRCLE	CR	PC	HWT 006	< 0.5	?
TGRSE	6/4/96	TRCLE	CR	UB	AXOC 002	< 1	
TGRSE	7/2/96	TRCLE	CR	UB	AXWT 005	< 0.56	
TGRSE	7/2/96	TRCLE	CR	UB	AXWT 006	< 0.56	D
TGRSE	8/9/96	TRCLE	CR	UB	AYIK 010	< 0.56	
TGRSE	8/9/96	TRCLE	CR	UB	AYIK 011	< 0.56	D
TGRSE	9/3/96	TRCLE	CR	UB	AYZB 009	< 0.56	
TGRSE	9/3/96	TRCLE	CR	UB	AYZB 010	< 0.56	D
TGRSE	6/4/96	TXPHEN	CR	UB	AXMN 003	< 1.64	
TGRSE	6/4/96	V	CR	UB	AXLX 005	< 27.6	
TGRSE	6/4/96	XYLEN	CR	UB	AXOC 002	< 2	
TGRSE	10/3/95	ZN	CR	PC	IRI 004	< 13	

APPENDIX G.2

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID		Concentration	Flag Codes/ Qualifiers
TGRSE	11/7/95	ZN	CR	PC	IRK	004	13.2	
TGRSE	12/5/95	ZN	CR	PC	IRM	004	19.3	
TGRSE	1/2/96	ZN	CR	PC	IRN	004	41.7	
TGRSE	2/6/96	ZN	CR	PC	IRO	004	25.4	?
TGRSE	3/5/96	ZN	CR	PC	IRP	004	49.8	?
TGRSE	4/2/96	ZN	CR	PC	IRQ	004	13.2	?
TGRSE	5/7/96	ZN	CR	PC	IRR	004	30.5	?
TGRSE	6/4/96	ZN	CR	UB	AXLX	005	< 18	
TGRSE	7/2/96	ZN	CR	UB	AXWN	005	< 18	
TGRSE	8/9/96	ZN	CR	UB	AYHY	005	< 18	
TGRSE	9/3/96	ZN	CR	UB	AYQO	005	< 18	
TGRSI	10/3/95	111TCE	CR	PC	HWG	008	200	
TGRSI	11/7/95	111TCE	CR	PC	HWH	004	< 25	
TGRSI	12/5/95	111TCE	CR	PC	HWI	020	140	
TGRSI	1/2/96	111TCE	CR	PC	HWL	004	170	
TGRSI	2/6/96	111TCE	CR	PC	HWN	006	160	?
TGRSI	3/7/96	111TCE	CR	PC	HWP	009	7.4	?
TGRSI	4/2/96	111TCE	CR	PC	HWS	004	160	?
TGRSI	5/7/96	111TCE	CR	PC	HWT	005	160	?
TGRSI	6/4/96	111TCE	CR	UB	AXNT	005	134	
TGRSI	7/2/96	111TCE	CR	UB	AXWT	007	146	
TGRSI	8/9/96	111TCE	CR	UB	AYIK	009	151	
TGRSI	9/3/96	111TCE	CR	UB	AYZB	011	140	
TGRSI	10/3/95	112TCE	CR	PC	HWG	008	1.01	1
TGRSI	11/7/95	112TCE	CR	PC	HWH	004	< 25	
TGRSI	12/5/95	112TCE	CR	PC	HWI	020	< 25	
TGRSI	1/2/96	112TCE	CR	PC	HWL	004	< 25	
TGRSI	2/6/96	112TCE	CR	PC	HWN	006	< 20	?
TGRSI	3/7/96	112TCE	CR	PC	HWP	009	< 1	?
TGRSI	4/2/96	112TCE	CR	PC	HWS	004	< 20	?
TGRSI	5/7/96	112TCE	CR	PC	HWT	005	< 20	?
TGRSI	6/4/96	112TCE	CR	UB	AXNT	005	< 0.78	
TGRSI	7/2/96	112TCE	CR	UB	AXWT	007	< 0.78	
TGRSI	8/9/96	112TCE	CR	UB	AYIK	009	< 0.78	
TGRSI	9/3/96	112TCE	CR	UB	AYZB	011	< 0.78	
TGRSI	10/3/95	11DCE	CR	PC	HWG	008	29.2	
TGRSI	11/7/95	11DCE	CR	PC	HWH	004	23	1
TGRSI	12/5/95	11DCE	CR	PC	HWI	020	23	1
TGRSI	1/2/96	11DCE	CR	PC	HWL	004	25	1
TGRSI	2/6/96	11DCE	CR	PC	HWN	006	12	1?
TGRSI	3/7/96	11DCE	CR	PC	HWP	009	0.77	1?
TGRSI	4/2/96	11DCE	CR	PC	HWS	004	19	1?

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FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSI	5/7/96	11DCE	CR	PC	HWT 005	12	1?
TGRSI	6/4/96	11DCE	CR	UB	AXNT 005	19.9	
TGRSI	7/2/96	11DCE	CR	UB	AXWT 007	25.5	
TGRSI	8/9/96	11DCE	CR	UB	AYIK 009	22.5	
TGRSI	9/3/96	11DCE	CR	UB	AYZB 011	25.8	
TGRSI	10/3/95	11DCLE	CR	PC	HWG 008	19.3	
TGRSI	11/7/95	11DCLE	CR	PC	HWH 004	22	
TGRSI	12/5/95	11DCLE	CR	PC	HWI 020	21	
TGRSI	1/2/96	11DCLE	CR	PC	HWL 004	21	
TGRSI	2/6/96	11DCLE	CR	PC	HWN 006	16	?
TGRSI	3/7/96	11DCLE	CR	PC	HWP 009	0.8	?
TGRSI	4/2/96	11DCLE	CR	PC	HWS 004	21	?
TGRSI	5/7/96	11DCLE	CR	PC	HWT 005	17	?
TGRSI	6/4/96	11DCLE	CR	UB	AXNT 005	20.8	
TGRSI	7/2/96	11DCLE	CR	UB	AXWT 007	22.7	
TGRSI	8/9/96	11DCLE	CR	UB	AYIK 009	22.5	
TGRSI	9/3/96	11DCLE	CR	UB	AYZB 011	22.5	
TGRSI	10/3/95	12DCE	CR	PC	HWG 008	7.95	
TGRSI	11/7/95	12DCE	CR	PC	HWH 004	12	1
TGRSI	12/5/95	12DCE	CR	PC	HWI 020	18	
TGRSI	1/2/96	12DCE	CR	PC	HWL 004	18	I
TGRSI	2/6/96	12DCE	CR	PC	HWN 006	8.9	1?
TGRSI	3/7/96	12DCE	CR	PC	HWP 009	0.4	1?
TGRSI	4/2/96	12DCE	CR	PC	HWS 004	9.8	1?
TGRSI	5/7/96	12DCE	CR	PC	HWT 005	6.3	1?
TGRSI	6/4/96	12DCE	CR	UB	AXNT 005	13	
TGRSI	7/2/96	12DCE	CR	UB	AXWT 007	13.2	
TGRSI	8/9/96	12DCE	CR	UB	AYIK 009	15.1	
TGRSI	9/3/96	12DCE	CR	UB	AYZB 011	12.9	
TGRSI	10/3/95	12DCLE	CR	PC	HWG 008	0.937	
TGRSI	11/7/95	12DCLE	CR	PC	HWH 004	170	
TGRSI	12/5/95	12DCLE	CR	PC	HWI 020	< 13	
TGRSI	1/2/96	12DCLE	CR	PC	HWL 004	< 13	
TGRSI	2/6/96	12DCLE	CR	PC	HWN 006	< 10	?
TGRSI	3/7/96	12DCLE	CR	PC	HWP 009	< 0.5	?
TGRSI	4/2/96	12DCLE	CR	PC	HWS 004	< 10	?
TGRSI	5/7/96	12DCLE	CR	PC	HWT 005	< 10	?
TGRSI	6/4/96	12DCLE	CR	UB	AXNT 005	< 1.1	
TGRSI	7/2/96	12DCLE	CR	UB	AXWT 007	< 1.1	
TGRSI	8/9/96	12DCLE	CR	UB	AYIK 009	< 1.1	
TGRSI	9/3/96	12DCLE	CR	UB	AYZB 011	< 1.1	
TGRSI	10/3/95	12DCLP	CR	PC	HWG 008	< 1	

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FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSI	11/7/95	12DCLP	CR	PC	HWH 004	710	
TGRSI	12/5/95	12DCLP	CR	PC	HWI 020	< 25	
TGRSI	1/2/96	12DCLP	CR	PC	HWL 004	< 25	
TGRSI	2/6/96	12DCLP	CR	PC	HWN 006	< 20	?
TGRSI	3/7/96	12DCLP	CR	PC	HWP 009	< 1	?
TGRSI	4/2/96	12DCLP	CR	PC	HWS 004	< 20	?
TGRSI	5/7/96	12DCLP	CR	PC	HWT 005	< 20	?
TGRSI	6/4/96	12DCLP	CR	UB	AXNT 005	< 1	
TGRSI	7/2/96	12DCLP	CR	UB	AXWT 007	< 1	T
TGRSI	8/9/96	12DCLP	CR	UB	AYIK 009	< 1	T
TGRSI	9/3/96	12DCLP	CR	UB	AYZB 011	< 1	T
TGRSI	12/5/95	AS	CR	PC	EZP 005	< 4	
TGRSI	10/3/95	C2H3CL	CR	PC	HWG 008	< 1.9	
TGRSI	11/7/95	C2H3CL	CR	PC	HWH 004	< 48	
TGRSI	12/5/95	C2H3CL	CR	PC	HWI 020	< 48	
TGRSI	1/2/96	C2H3CL	CR	PC	HWL 004	< 48	
TGRSI	2/6/96	C2H3CL	CR	PC	HWN 006	< 38	?
TGRSI	3/7/96	C2H3CL	CR	PC	HWP 009	< 1.9	?
TGRSI	4/2/96	C2H3CL	CR	PC	HWS 004	< 38	?
TGRSI	5/7/96	C2H3CL	CR	PC	HWT 005	< 38	?
TGRSI	6/4/96	C2H3CL	CR	UB	AXNT 005	< 1.01	
TGRSI	7/2/96	C2H3CL	CR	UB	AXWT 007	< 1.01	
TGRSI	8/9/96	C2H3CL	CR	UB	AYIK 009	< 1.01	
TGRSI	9/3/96	C2H3CL	CR	UB	AYZB 011	< 1.01	
TGRSI	10/3/95	CCL4	CR	PC	HWG 008	< 1.3	
TGRSI	11/7/95	CCL4	CR	PC	HWH 004	< 33	
TGRSI	12/5/95	CCL4	CR	PC	HWI 020	< 33	
TGRSI	1/2/96	CCL4	CR	PC	HWL 004	< 33	
TGRSI	2/6/96	CCL4	CR	PC	HWN 006	< 26	?
TGRSI	3/7/96	CCL4	CR	PC	HWP 009	< 1.3	?
TGRSI	4/2/96	CCL4	CR	PC	HWS 004	< 26	?
TGRSI	5/7/96	CCL4	CR	PC	HWT 005	< 26	?
TGRSI	6/4/96	CCL4	CR	UB	AXNT 005	< 0.99	
TGRSI	7/2/96	CCL4	CR	UB	AXWT 007	< 0.99	
TGRSI	8/9/96	CCL4	CR	UB	AYIK 009	< 0.99	
TGRSI	9/3/96	CCL4	CR	UB	AYZB 011	< 0.99	
TGRSI	10/3/95	CH2CL2	CR	PC	HWG 008	16.1	
TGRSI	11/7/95	CH2CL2	CR	PC	HWH 004	< 80	
TGRSI	12/5/95	CH2CL2	CR	PC	HWI 020	110	
TGRSI	1/2/96	CH2CL2	CR	PC	HWL 004	< 80	
TGRSI	2/6/96	CH2CL2	CR	PC	HWN 006	< 64	?
TGRSI	3/7/96	CH2CL2	CR	PC	HWP 009	< 3.2	?

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FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
TGRSI	4/2/96	CH2CL2	CR	PC	HWS 004	< 64	?
TGRSI	5/7/96	CH2CL2	CR	PC	HWT 005	< 64	?
TGRSI	6/4/96	CH2CL2	CR	UB	AXNT 005	< 7.4	
TGRSI	7/2/96	CH2CL2	CR	UB	AXWT 007	< 7.4	
TGRSI	8/9/96	CH2CL2	CR	UB	AYIK 009	< 7.4	
TGRSI	9/3/96	CH2CL2	CR	UB	AYZB 011	< 7.4	
TGRSI	10/3/95	CHCL3	CR	PC	HWG 008	0.616	1
TGRSI	11/7/95	CHCL3	CR	PC	HWH 004	< 18	
TGRSI	12/5/95	CHCL3	CR	PC	HWI 020	< 18	
TGRSI	1/2/96	CHCL3	CR	PC	HWL 004	< 18	
TGRSI	2/6/96	CHCL3	CR	PC	HWN 006	< 14	?
TGRSI	3/7/96	CHCL3	CR	PC	HWP 009	< 0.72	?
TGRSI	4/2/96	CHCL3	CR	PC	HWS 004	< 14	?
TGRSI	5/7/96	CHCL3	CR	PC	HWT 005	< 14	?
TGRSI	6/4/96	CHCL3	CR	UB	AXNT 005	< 0.5	
TGRSI	7/2/96	CHCL3	CR	UB	AXWT 007	< 0.5	
TGRSI	8/9/96	CHCL3	CR	UB	AYIK 009	< 0.5	
TGRSI	9/3/96	CHCL3	CR	UB	AYZB 011	< 0.5	
TGRSI	10/3/95	T12DCE	CR	PC	HWG 008	< 0.3	T
TGRSI	11/7/95	T12DCE	CR	PC	HWH 004	< 7.5	T
TGRSI	12/5/95	T12DCE	CR	PC	HWI 020	< 7.5	T
TGRSI	1/2/96	T12DCE	CR	PC	HWL 004	< 7.5	T
TGRSI	2/6/96	T12DCE	CR	PC	HWN 006	< 6	T?
TGRSI	3/7/96	T12DCE	CR	PC	HWP 009	< 0.3	T?
TGRSI	4/2/96	T12DCE	CR	PC	HWS 004	< 6	T?
TGRSI	5/7/96	T12DCE	CR	PC	HWT 005	< 6	T?
TGRSI	10/3/95	TCLEE	CR	PC	HWG 008	2.36	
TGRSI	11/7/95	TCLEE	CR	PC	HWH 004	< 25	
TGRSI	12/5/95	TCLEE	CR	PC	HWI 020	< 25	
TGRSI	1/2/96	TCLEE	CR	PC	HWL 004	< 25	
TGRSI	2/6/96	TCLEE	CR	PC	HWN 006	< 20	?
TGRSI	3/7/96	TCLEE	CR	PC	HWP 009	< 1	?
TGRSI	4/2/96	TCLEE	CR	PC	HWS 004	< 20	?
TGRSI	5/7/96	TCLEE	CR	PC	HWT 005	< 20	?
TGRSI	6/4/96	TCLEE	CR	UB	AXNT 005	0.987	
TGRSI	7/2/96	TCLEE	CR	UB	AXWT 007	1.03	
TGRSI	8/9/96	TCLEE	CR	UB	AYIK 009	< 0.75	
TGRSI	9/3/96	TCLEE	CR	UB	AYZB 011	0.978	
TGRSI	10/3/95	TCLTFE	CR	PC	HWG 008	1.49	
TGRSI	11/7/95	TCLTFE	CR	PC	HWH 004	< 25	
TGRSI	12/5/95	TCLTFE	CR	PC	HWI 020	< 25	
TGRSI	1/2/96	TCLTFE	CR	PC	HWL 004	< 25	

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FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
TGRS, TCAAP

Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
TGRSI	2/6/96	TCLTFE	CR	PC	HWN 006	< 20	?
TGRSI	3/7/96	TCLTFE	CR	PC	HWP 009	< 1	?
TGRSI	4/2/96	TCLTFE	CR	PC	HWS 004	< 20	?
TGRSI	5/7/96	TCLTFE	CR	PC	HWT 005	< 20	?
TGRSI	6/4/96	TCLTFE	CR	UB	AXNT 005	1.27	Z
TGRSI	7/2/96	TCLTFE	CR	UB	AXWT 007	2.37	Z
TGRSI	8/9/96	TCLTFE	CR	UB	AYIK 009	< 1.5	T
TGRSI	9/3/96	TCLTFE	CR	UB	AYZB 011	2.4	Z
TGRSI	10/3/95	TRCLE	CR	PC	HWG 008	800	
TGRSI	11/7/95	TRCLE	CR	PC	HWH 004	< 13	
TGRSI	12/5/95	TRCLE	CR	PC	HWI 020	670	
TGRSI	1/2/96	TRCLE	CR	PC	HWL 004	640	
TGRSI	2/6/96	TRCLE	CR	PC	HWN 006	790	?
TGRSI	3/7/96	TRCLE	CR	PC	HWP 009	31	?
TGRSI	4/2/96	TRCLE	CR	PC	HWS 004	770	?
TGRSI	5/7/96	TRCLE	CR	PC	HWT 005	730	?
TGRSI	6/4/96	TRCLE	CR	UB	AXNT 005	890	
TGRSI	7/2/96	TRCLE	CR	UB	AXWT 007	563	XJ
TGRSI	8/9/96	TRCLE	CR	UB	AYIK 009	598	XJ
TGRSI	9/3/96	TRCLE	CR	UB	AYZB 011	710	

Notes:

Concentrations in µg/L.
See Appendix G.2a for chemical abbreviation cross references.

CR Conestoga-Rovers & Associates
PC Pace Laboratories
UB DataChem Laboratories
? Control chart not yet approved by USAEC.
D Duplicate analysis.
I The low-spike recovery is high.
J Value is estimated.
M The high spike recovery is high.
T Non-target compound analyzed for but not detected (non-GC/MS methods).
X Analyte concentration is above the upper reporting level.
Z Non-target compound analyzed for and detected (non-GS/MS methods).

APPENDIX G-2a

CHEMICAL ABBREVIATION CROSS REFERENCE
TGRS, TCAAP

Abreviation	*Chemical Name*
111TCE	1,1,1-Trichloroethane
112TCE	1,1,2-Trichloroethane
11DCE	1,1-Dichloroethene
11DCLE	1,1-Dichloroethane
124TCB	1,2,4-Trichlorobenzene
12DCE	1,2-Dichloroethene (total)
12DCLB	1,2-Dichlorobenzene
12DCLE	1,2-Dichloroethane
12DCLP	1,2-Dichloropropane
13DCLB	1,3-Dichlorobenzene
14DCLB	1,4-Dichlorobenzene
245TCP	2,4,5-Trichlorophenol
246TCP	2,4,6-Trichlorophenol
24DCLP	2,4-Dichlorophenol
24DMPN	2,4-Dimethylphenol
24DNP	2,4-Dinitrophenol
24DNT	2,4-Dinitrotoluene
26DNT	2,6-Dinitrotoluene
2CLP	2-Chlorophenol
2CNAP	2-Chloronaphthalene
2MNAP	2-Methylnaphthalene
2MP	2-Methylphenol
2NANIL	2-Nitroaniline
2NP	2-Nitrophenol
33DCBD	3,3'-Dichlorobenzidine
3NANIL	3-Nitroaniline
46DN2C	4,6-Dinitro-2-methylphenol
4BRPPE	4-Bromophenylphenyl ether
4CANIL	4-Chroaniline
4CL3C	4-Chloro-3-methylphenol
4CLPPE	4-Chlorophenyl phenyl ether
4MP	4-Methylphenol
4NANIL	4-Nitroaniline
4NP	4-Nitrophenol
ABHC	Alpha-BHC
ACET	Acetone
ACLDAN	Alpha-Chlordane
AENSLF	Endosulfan I
AG	Silver
AL	Aluminum

APPENDIX G-2a

CHEMICAL ABBREVIATION CROSS REFERENCE
TGRS, TCAAP

Abreviation	*Chemical Name*
ALDRN	Aldrin
ANAPNE	Acenaphthene
ANAPYL	Acenaphthylene
ANTRC	Anthracene
AS	Arsenic
B2CEXM	bis(2-Chloroethoxy)methane
B2CIPE	2,2'-Oxybis(1-chloropropane)
B2CLEE	bis(2-Chloroethyl)ether
B2EHP	bis(2-Ethylhexyl)phthalate
BA	Barium
BAANTR	Benzo(a)anthracene
BAPYR	Benzo(a)pyrene
BBFANT	Benzo(b)fluoranthene
BBHC	Beta-BHC
BBZP	Butyl benzyl phthalate
BE	Beryllium
BENSLF	Endosulfan II
BENZOA	Benzoic acid
BGHIPY	Benzo(g,h,i)perylene
BKFANT	Benzo(k)fluoranthene
BRDCLM	Bromodichloromethane
BZALC	Benzyl alcohol
C13DCP	cis-1,3-Dichloropropene
C2H3CL	Vinyl Chloride
C2H5CL	Chloroethane
C6H6	Benzene
CA	Calcium
CARBAZ	Carbazole
CCL4	Carbon tetrachloride
CD	Cadmium
CH2CL2	Methylene chloride
CH3BR	Bromomethane
CH3CL	Chloromethane
CHBR3	Bromoform
CHCL3	Chloroform
CHRY	Chrysene
CL6BZ	Hexachlorobenzene
CL6CP	Hexachlorocyclopentadiene
CL6ET	Hexachloroethane
CLC6H5	Chlorobenzene

APPENDIX G-2a

CHEMICAL ABBREVIATION CROSS REFERENCE
TGRS, TCAAP

Abreviation	*Chemical Name*
CO	Cobalt
CR	Chromium
CS2	Carbon disulfide
CU	Copper
DBAHA	Dibenzo(a,h)anthracene
DBHC	Delta-BHC
DBRCLM	Dibromochloromethane
DEP	Diethylphthalate
DLDRN	Dieldrin
DMP	Dimethylphthalate
DNBP	Di-n-butylphthalate
DNOP	Di-n-octylphthalate
ENDRN	Endrin
ENDRNA	Endrin aldehyde
ENDRNK	Endrin ketone
ESFSO4	Endosulfan sulfate
ETC6H5	Ethylbenzene
FANT	Fluoranthene
FE	Iron
FLRENE	Fluorene
GCLDAN	Gamma-Chlordane
HCBD	Hexachlorobutadiene
HG	Mercury
HPCL	Heptachlor
HPCLE	Heptachlor epoxide
ICDPYR	Indeno(1,2,3-cd)pyrene
ISOPHR	Isophorone
K	Potassium
LIN	Gamma-BHC (Lindane)
MEC6H5	Toluene
MEK	2-Butanone
MEXCLR	Methoxychlor
MG	Magnesium
MIBK	4-Methyl-2-pentanone
MN	Manganese
MNBK	2-Hexanone
NA	Sodium
NAP	Naphthalene
NB	Nitrobenzene
NI	Nickel

APPENDIX G-2a

CHEMICAL ABBREVIATION CROSS REFERENCE
TGRS, TCAAP

Abreviation	*Chemical Name*
NNDNPA	N-nitroso-di-n-propylamine
NNDPA	N-nitrosodiphenylamine
PB	Lead
PCB016	Aroclor-1016
PCB221	Aroclor-1221
PCB232	Aroclor-1232
PCB242	Aroclor-1242
PCB248	Aroclor-1248
PCB254	Aroclor-1254
PCB260	Aroclor-1260
PCP	Pentachlorophenol
PHANTR	Phenanthrene
PHENOL	Phenol
PPDDD	4,4'-DDD
PPDDE	4,4'-DDE
PPDDT	4,4'-DDT
PYR	Pyrene
SB	Antimony
SE	Selenium
STYR	Styrene
T12DCE	trans-1,2-Dichloroethene
T13DCP	trans-1,3-Dichloropropene
TCLEA	1,1,2,2-Tetrachloroethane
TCLEE	Tetrachloroethene
TCLTFE	1,1,2-Trichloro-1,2,2-trifluoroethane
TL	Thallium
TRCLE	Trichloroethene
TXPHEN	Toxaphene
V	Vanadium
XYLEN	Xylenes (total)
ZN	Zinc

APPENDIX H

Appendix H

TGRS Operational Data and Site K Operational Data

H.1 Alliant Techsystems TGRS Treatment Center Water Meter Reading Log

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
OCTOBER 1995

	METER READINGS (GALLONS)						VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)											
DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6	METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
9/30/95	251708000	808498000	411491000	848397000	2702015000	2259037000	-	-	-	-	-	-	-	-	-	-	-	-
10/1/95	254202000	810916000	413544000	850955000	2702015000	2261186000	2494000	2418000	4912000	2775	2053000	2558000	4611000	2605	0	2149000	2149000	1214
10/2/95	256020000	812678000	415054000	852814000	2702015000	2262752000	1818000	1762000	3580000	2841	1510000	1859000	3369000	2674	0	1566000	1566000	1243
10/3/95	257928000	814521000	416611000	854785000	2702015000	2264393000	1908000	1843000	3751000	2718	1557000	1971000	3528000	2557	0	1641000	1641000	1189
10/4/95	259911000	816430000	418230000	856813000	2702015000	2266096000	1983000	1909000	3892000	2760	1619000	2028000	3647000	2587	0	1703000	1703000	1208
10/5/95	261903000	818346000	419850000	858865000	2702015000	2267805000	1992000	1916000	3908000	2772	1620000	2052000	3672000	2604	0	1709000	1709000	1212
10/6/95	264309000	820661000	421816000	861334000	2702015000	2269870000	2406000	2315000	4721000	2761	1966000	2469000	4435000	2594	0	2065000	2065000	1208
10/7/95	265837000	822134000	423071000	862887000	2702015000	2271184000	1528000	1473000	3001000	2942	1255000	1553000	2808000	2753	0	1314000	1314000	1288
10/8/95	268087000	824301000	424908000	865204000	2702015000	2273116000	2250000	2167000	4417000	2778	1837000	2317000	4154000	2613	0	1932000	1932000	1215
10/9/95	270079000	826212000	426526000	867254000	2702015000	2274824000	1992000	1911000	3903000	2655	1618000	2050000	3668000	2495	0	1708000	1708000	1162
10/10/95	272020000	828083000	428139000	869227000	2702015000	2276494000	1941000	1871000	3812000	2762	1613000	1973000	3586000	2599	0	1670000	1670000	1210
10/11/95	274505000	830482000	430190000	871760000	2702015000	2278634000	2485000	2399000	4884000	2807	2051000	2533000	4584000	2634	0	2140000	2140000	1230
10/12/95	276124000	832037000	431555000	873381000	2702015000	2280026000	1619000	1555000	3174000	2713	1365000	1621000	2986000	2552	0	1392000	1392000	1190
10/13/95	278281000	834111000	433337000	875571000	2702015000	2281879000	2157000	2074000	4231000	2765	1782000	2190000	3972000	2596	0	1853000	1853000	1211
10/14/95	280067000	835824000	434824000	877381000	2702015000	2283412000	1786000	1713000	3499000	2777	1487000	1810000	3297000	2617	0	1533000	1533000	1217
10/15/95	282209000	837997000	436522000	879584000	2702015000	2285278000	2142000	2173000	4315000	2820	1698000	2203000	3901000	2550	0	1866000	1866000	1220
10/16/95	284217000	839801000	438205000	881633000	2702015000	2286971000	2008000	1804000	3812000	2704	1683000	2049000	3732000	2647	0	1693000	1693000	1201
10/17/95	286259000	841755000	439893000	883700000	2702015000	2288721000	2042000	1954000	3996000	2775	1688000	2067000	3755000	2608	0	1750000	1750000	1215
10/18/95	288321000	843722000	441584000	885801000	2702015000	2290486000	2062000	1967000	4029000	2741	1691000	2101000	3792000	2580	0	1765000	1765000	1201
10/19/95	290318000	845629000	443185000	887869000	2702015000	2292198000	1997000	1907000	3904000	2769	1601000	2068000	3669000	2602	0	1712000	1712000	1214
10/20/95	292904000	848090000	445278000	890520000	2702015000	2294410000	2586000	2461000	5047000	2758	2093000	2651000	4744000	2592	0	2212000	2212000	1209
10/21/95	294591000	849691000	446655000	892229000	2702015000	2295853000	1687000	1601000	3288000	2884	1377000	1709000	3086000	2707	0	1443000	1443000	1266
10/22/95	296543000	851548000	448233000	894230000	2702015000	2297523000	1952000	1857000	3809000	2701	1578000	2001000	3579000	2538	0	1670000	1670000	1184
10/23/95	298667000	853561000	449999000	896359000	2702015000	2299337000	2124000	2013000	4137000	2704	1766000	2129000	3895000	2546	0	1814000	1814000	1186
10/24/95	300687000	855478000	451635000	898422000	2702015000	2301064000	2020000	1917000	3937000	2734	1636000	2063000	3699000	2569	0	1727000	1727000	1199
10/25/95	302619000	857309000	453203000	900393000	2702015000	2302714000	1932000	1831000	3763000	2727	1568000	1971000	3539000	2564	0	1650000	1650000	1196
10/26/95	304702000	859278000	454893000	902519000	2702015000	2304491000	2083000	1969000	4052000	2756	1690000	2126000	3816000	2596	0	1777000	1777000	1209
10/27/95	306657000	861119000	456466000	904511000	2702015000	2306157000	1955000	1841000	3796000	2751	1573000	1992000	3565000	2583	0	1666000	1666000	1207
10/28/95	308639000	862977000	458085000	906502000	2702015000	2307843000	1982000	1858000	3840000	2723	1619000	1991000	3610000	2560	0	1686000	1686000	1196
10/29/95	310839000	865052000	459869000	908744000	2702015000	2309718000	2200000	2075000	4275000	2850	1784000	2242000	4026000	2684	0	1875000	1875000	1250
10/30/95	312745000	866835000	461399000	910677000	2702015000	2311338000	1906000	1783000	3689000	2733	1530000	1933000	3463000	2565	0	1620000	1620000	1200
10/31/95	315317000	869240000	463497000	913265000	2702015000	2313521000	2572000	2405000	4977000	2720	2098000	2588000	4686000	2561	0	2183000	2183000	1193
TOTALS	63609000	60742000	52006000	64868000	0	54484000	63609000	60742000	124351000	2762	52006000	64868000	116874000	2595	0	54484000	54484000	1210

Note: Meters Nos. 1 & 2 are used for tracking total flow. Meters Nos. 3 & 4 and 5 & 6 are for process measurement.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
OCTOBER, 1995

VOLUME OF WATER PUMPED (GALLONS)

DATE	*B1*	*B2*	*B3*	*B4*	*B5*	*B6*	*B7*	*B8*	*B9*	*B10*	*B11*	*B12*	*SC2*	*SC3*	*SC4*	*SC5*	*TOTAL*
10/1/95	412100	211800	434000	338100	378900	483100	519000	236000	265000	458400	176400	323900	94400	169300	85400	164800	4750600
10/2/95	299300	153700	316700	245000	276700	357600	379200	172400	193500	332900	133200	234800	66900	123400	61800	120000	3467100
10/3/95	314100	160900	332500	256200	291900	364000	398300	180700	203300	349200	143900	245300	69200	129500	66500	125900	3631400
10/4/95	326300	166700	345600	267800	303000	384100	409900	187700	211000	362200	146400	252100	71400	134200	67900	130500	3766800
10/5/95	328800	167600	348200	270900	305400	393200	418200	189000	212700	369000	136400	254500	72600	134900	63500	131300	3796200
10/6/95	397800	202200	419300	322400	367700	462200	500500	227600	256100	440600	170100	317800	89200	162600	79600	158600	4574300
10/7/95	242700	123000	253100	193900	219200	275000	290800	136400	152000	264400	108800	184200	55000	101200	52700	98500	2750900
10/8/95	372000	189200	392400	302400	344400	435000	470400	213300	239800	414500	162200	296100	82600	151700	75200	148200	4289400
10/9/95	336800	171500	358200	276300	316700	403000	433600	195700	220700	381500	142200	264600	72900	135600	66100	132500	3907900
10/10/95	319800	161900	338100	261600	296100	377000	403000	184800	206800	357800	147100	263300	69200	130300	59700	127600	3704100
10/11/95	413800	208900	432100	343800	375200	471100	506700	235800	262100	453400	188300	324200	88900	169300	78000	165800	4717400
10/12/95	264000	133800	279900	223700	247200	312900	340400	154500	173700	298300	119500	212600	55700	105100	53300	103100	3077700
10/13/95	356800	179700	374800	297900	327700	411900	445100	205300	229400	396000	157700	274000	76900	144200	73300	141400	4092100
10/14/95	296400	149300	311800	242900	272800	343100	371400	170700	191100	329800	132500	229300	64100	119400	60700	117200	3402500
10/15/95	358000	183600	374900	298400	332000	414600	448300	208000	232500	402400	159100	278400	76500	146900	73400	137700	4124700
10/16/95	329400	161200	348200	269700	300600	381000	410900	187900	211300	365200	149200	252400	75400	129800	69700	133800	3775700
10/17/95	336600	169200	354400	278400	310200	390000	419600	194000	217100	371300	153100	259000	75300	135700	69300	133300	3866500
10/18/95	342100	171600	359500	282200	314500	394400	425700	196600	220800	379600	143300	264200	76100	137500	68600	135200	3911900
10/19/95	330100	165400	347800	271200	305300	383700	413900	190900	214400	371500	145800	254500	71700	132400	70400	130100	3799100
10/20/95	426200	213600	448300	347000	390800	491700	527700	247800	274400	472000	184300	328400	90700	171300	88100	168600	4870900
10/21/95	270500	135400	280900	217700	244100	303400	321600	149400	170200	289400	116800	203500	58900	110100	53500	108400	3033800
10/22/95	323400	161800	340500	267200	297900	374400	398700	186300	209300	360400	138400	255500	72700	129500	64500	127600	3708100
10/23/95	357100	179000	378200	295200	333000	419200	447000	207500	234400	400100	148700	290300	81000	145300	74900	145300	4136200
10/24/95	332000	166900	353100	274900	309200	381000	411100	192200	217200	372400	147600	266100	71200	129900	69500	125700	3820000
10/25/95	316800	158900	336700	264100	294100	362500	388100	182800	206700	357900	134500	253300	72100	127600	65600	125800	3647500
10/26/95	342200	172000	364000	285000	318300	391900	418700	196500	223700	380900	148100	274500	76500	137700	72400	135800	3938200
10/27/95	320700	161400	340900	267500	298200	366800	391300	184100	209500	356500	132300	257100	69100	129000	64900	127300	3676600
10/28/95	326100	164100	346700	270500	303100	373000	396700	186600	212900	362600	130800	262700	71400	130900	66400	129400	3733900
10/29/95	360400	181200	383500	302100	335300	412800	433800	207600	234700	404900	156900	288900	83400	145100	73800	143500	4147900
10/30/95	312200	156700	332200	262200	291000	357900	374600	179200	201500	349200	132600	251300	68900	125500	62900	124200	3582100
10/31/95	422200	211100	449600	354000	392600	482800	502100	241400	273300	471200	175400	338100	88500	169600	89000	167800	4828700
TOTAL	10486700	5293300	11076100	8650200	9693100	12154300	13016300	6028700	6781100	11675500	4561600	8254900	2308400	4244500	2140600	4164900	120530200

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
OCTOBER, 1995

METER READINGS (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5
9/30/95	72382000	109081200	29695900	53529800	81580400	106140100	59181300	67857900	68426000	53223900	90253500	52514500	80899700	49653800	56129000	18849700
10/1/95	72794100	109293000	30129900	53867900	81959300	106623200	59700300	68093900	68691000	53682300	90429900	52838400	80994100	49823100	56214400	19014500
10/2/95	73093400	109446700	30446600	54112900	82236000	106980800	60079500	68266300	68884500	54015200	90563100	53073200	81061000	49946500	56276200	19134500
10/3/95	73407500	109607600	30779100	54369100	82527900	107344800	60477800	68447000	69087800	54364400	90707000	53318500	81130200	50076000	56342700	19260400
10/4/95	73733800	109774300	31124700	54636900	82830900	107728900	60887700	68634700	69298800	54726600	90853400	53570600	81201600	50210200	56410600	19390900
10/5/95	74062600	109941900	31472900	54907800	83136300	108122100	61305900	68823700	69511500	55095600	90989800	53825100	81274200	50345100	56474100	19522200
10/6/95	74460400	110144100	31892200	55230200	83504000	108584300	61806400	69051300	69767600	55536200	91159900	54142900	81363400	50507700	56553700	19680800
10/7/95	74703100	110267100	32145300	55424100	83723200	108859300	62097200	69187700	69919600	55800600	91268700	54327100	81418400	50608900	56606400	19779300
10/8/95	75075100	110456300	32537700	55726500	84067600	109294300	62567600	69401000	70159400	56215100	91430900	54623200	81501000	50760600	56681600	19927500
10/9/95	75411900	110627800	32895900	56002800	84384300	109697300	63001200	69596700	70380100	56596600	91573100	54887800	81573900	50896200	56747700	20060000
10/10/95	75731700	110789700	33234000	56264400	84680400	110074300	63404200	69781500	70586900	56954400	91720200	55151100	81643100	51026500	56807400	20187600
10/11/95	76145500	110998600	33666100	56608200	85055600	110545400	63910900	70017300	70849000	57407800	91908500	55475300	81732000	51195800	56885400	20353400
10/12/95	76409500	111132400	33946000	56831900	85302800	110858300	64251300	70171800	71022700	57706100	92028000	55687900	81787700	51300900	56938700	20456500
10/13/95	76766300	111312100	34320800	57129800	85630500	111270200	64696400	70377100	71252100	58102100	92185700	55961900	81864600	51445100	57012000	20597900
10/14/95	77062700	111461400	34632600	57372700	85903300	111613300	65067800	70547800	71443200	58431900	92318200	56191200	81928700	51564500	57072700	20715100
10/15/95	77420700	111645000	35007500	57671100	86235300	112027900	65516100	70755800	71675700	58834300	92477300	56469600	82005200	51711400	57146100	20852800
10/16/95	77750100	111806200	35355700	57940800	86535900	112408900	65927000	70943700	71887000	59199500	92626500	56722000	82080600	51841200	57215800	20986600
10/17/95	78086700	111975400	35710100	58219200	86846100	112798900	66346600	71137700	72104100	59570800	92779600	56981000	82155900	51976900	57285100	21119900
10/18/95	78428800	112147000	36069600	58501400	87160600	113193300	66772300	71334300	72324900	59950400	92922900	57245200	82232000	52114400	57353700	21255100
10/19/95	78758900	112312400	36417400	58772600	87465900	113577000	67186200	71525200	72539300	60321900	93068700	57499700	82303700	52246800	57424100	21385200
10/20/95	79185100	112526000	36865700	59119600	87856700	114068700	67713900	71773000	72813700	60793900	93253000	57828100	82394400	52418100	57512200	21553800
10/21/95	79455600	112661400	37146600	59337300	88100800	114372100	68035500	71922400	72983900	61083300	93369800	58031600	82453300	52528200	57565700	21662200
10/22/95	79779000	112823200	37487100	59604500	88398700	114746500	68434200	72108700	73193200	61443700	93508200	58287100	82526000	52657700	57630200	21789800
10/23/95	80136100	113002200	37865300	59899700	88731700	115165700	68881200	72316200	73427600	61843800	93656900	58577400	82607000	52803000	57705100	21935100
10/24/95	80468100	113169100	38218400	60174600	89040900	115546700	69292300	72508400	73644800	62216200	93804500	58843500	82678200	52932900	57774600	22060800
10/25/95	80784900	113328000	38555100	60438700	89335000	115909200	69680400	72691200	73851500	62574100	93939000	59096800	82750300	53060500	57840200	22186600
10/26/95	81127100	113500000	38919100	60723700	89653300	116301100	70099100	72887700	74075200	62955000	94087100	59371300	82826800	53198200	57912600	22322400
10/27/95	81447800	113661400	39260000	60991200	89951500	116667900	70490400	73071800	74284700	63311500	94219400	59628400	82895900	53327200	57977500	22449700
10/28/95	81773900	113825500	39606700	61261700	90254600	117040900	70887100	73258400	74497600	63674100	94350200	59891100	82967300	53458100	58043900	22579100
10/29/95	82134300	114006700	39990200	61563800	90589900	117453700	71320900	73466000	74732300	64079000	94507100	60180000	83050700	53603200	58117700	22722600
10/30/95	82446500	114163400	40322400	61826000	90880900	117811600	71695500	73645200	74933800	64428200	94639700	60431300	83119600	53728700	58180600	22846800
10/31/95	82868700	114374500	40772000	62180000	91273500	118294400	72197600	73886600	75207100	64899400	94815100	60769400	83208100	53898300	58269600	23014600

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
NOVEMBER 1995

	METER READINGS (GALLONS)						VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)											
DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6	METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
10/31/95	315317000	869240000	463497000	913265000	2702015000	2313521000	-	-	-	-	-	-	-	-	-	-	-	-
11/1/95	317365000	871150000	465177000	915305000	2702015000	2315257000	2048000	1910000	3958000	2749	1680000	2040000	3720000	2583	0	1736000	1736000	1206
11/2/95	319301000	872971000	466771000	917243000	2702015000	2316905000	1936000	1821000	3757000	2722	1594000	1938000	3532000	2559	0	1648000	1648000	1194
11/3/95	321380000	874918000	468456000	919342000	2702015000	2318672000	2079000	1947000	4026000	2739	1685000	2099000	3784000	2574	0	1767000	1767000	1202
11/4/95	322960000	876397000	469733000	920940000	2702015000	2320015000	1580000	1479000	3059000	2756	1277000	1598000	2875000	2590	0	1343000	1343000	1210
11/5/95	325606000	878883000	471863000	923645000	2702015000	2322267000	2646000	2486000	5132000	2715	2130000	2705000	4835000	2558	0	2252000	2252000	1192
11/6/95	327518000	880682000	473425000	925571000	2702015000	2323896000	1912000	1799000	3711000	2749	1562000	1926000	3488000	2584	0	1629000	1629000	1207
11/7/95	329137000	882203000	474750000	927192000	2702015000	2325275000	1619000	1521000	3140000	2754	1325000	1621000	2946000	2584	0	1379000	1379000	1210
11/8/95	331116000	884057000	476352000	929201000	2702015000	2326958000	1979000	1854000	3833000	2718	1602000	2009000	3611000	2561	0	1683000	1683000	1194
11/9/95	333143000	885957000	477997000	931251000	2702015000	2328683000	2027000	1900000	3927000	2727	1645000	2050000	3695000	2566	0	1725000	1725000	1198
11/10/95	335425000	888107000	479864000	933549000	2702015000	2330630000	2282000	2150000	4432000	2736	1867000	2298000	4165000	2571	0	1947000	1947000	1202
11/11/95	337174000	889741000	481287000	935303000	2702015000	2332114000	1749000	1634000	3383000	2891	1423000	1754000	3177000	2715	0	1484000	1484000	1268
11/12/95	339236000	891665000	482944000	937394000	2702015000	2333866000	2062000	1924000	3986000	2712	1657000	2091000	3748000	2550	0	1752000	1752000	1192
11/13/95	341649000	893910000	484897000	939838000	2702015000	2335906000	2413000	2245000	4658000	2632	1953000	2444000	4397000	2484	0	2040000	2040000	1153
11/14/95	343258000	895290000	486103000	941428000	2702015000	2337218000	1609000	1380000	2989000	2622	1206000	1590000	2796000	2453	0	1312000	1312000	1151
11/15/95	345364000	897243000	487820000	943527000	2702015000	2339001000	2106000	1953000	4059000	2706	1717000	2099000	3816000	2544	0	1783000	1783000	1189
11/16/95	347860000	899582000	489843000	946052000	2702015000	2341126000	2496000	2339000	4835000	2732	2023000	2525000	4548000	2569	0	2125000	2125000	1201
11/17/95	349420000	901030000	491137000	947593000	2702015000	2342446000	1560000	1448000	3008000	2710	1294000	1541000	2835000	2554	0	1320000	1320000	1189
11/18/95	351436000	902852000	492797000	949546000	2702015000	2344132000	2016000	1822000	3838000	2665	1660000	1953000	3613000	2509	0	1686000	1686000	1171
11/19/95	354040000	905283000	494858000	952222000	2702015000	2346345000	2604000	2431000	5035000	2707	2061000	2676000	4737000	2547	0	2213000	2213000	1190
11/20/95	355812000	906935000	496252000	954053000	2702015000	2347850000	1772000	1652000	3424000	2717	1394000	1831000	3225000	2560	0	1505000	1505000	1194
11/21/95	357241000	908278000	497409000	955496000	2702015000	2349067000	1429000	1343000	2772000	2718	1157000	1443000	2600000	2549	0	1217000	1217000	1193
11/22/95	359312000	910230000	499090000	957606000	2702015000	2350832000	2071000	1952000	4023000	2737	1681000	2110000	3791000	2579	0	1765000	1765000	1201
11/23/95	361523000	912269000	500817000	959877000	2702015000	2352698000	2211000	2039000	4250000	2951	1727000	2271000	3998000	2776	0	1866000	1866000	1296
11/24/95	363735000	914309000	502545000	962149000	2702015000	2354565000	2212000	2040000	4252000	2487	1728000	2272000	4000000	2339	0	1867000	1867000	1092
11/25/95	365449000	915893000	503854000	963942000	2702015000	2356014000	1714000	1584000	3298000	2819	1309000	1793000	3102000	2651	0	1449000	1449000	1238
11/26/95	368075000	918316000	505895000	966655000	2702015000	2358232000	2626000	2423000	5049000	2715	2041000	2713000	4754000	2556	0	2218000	2218000	1192
11/27/95	369943000	920037000	507329000	968604000	2702015000	2359808000	1868000	1721000	3589000	2601	1434000	1949000	3383000	2451	0	1576000	1576000	1142
11/28/95	371964000	921880000	508884000	970695000	2702015000	2361505000	2021000	1843000	3864000	2683	1555000	2091000	3646000	2532	0	1697000	1697000	1178
11/29/95	374124000	923851000	510537000	972935000	2702015000	2363318000	2160000	1971000	4131000	2648	1653000	2240000	3893000	2496	0	1813000	1813000	1162
11/30/95	375722000	925322000	511820000	974533000	2702015000	2364666000	1598000	1471000	3069000	2692	1283000	1598000	2881000	2527	0	1348000	1348000	1182
TOTALS	60405000	56082000	48323000	61268000	0	51145000	60405000	56082000	116487000	2721	48323000	61268000	109591000	2560	0	51145000	51145000	1194

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
NOVEMBER 1995

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
11/1/95	335500	167100	357200	281600	312600	388000	396000	191900	217700	373600	139100	266400	66300	134500	66200	133200	3826900
11/2/95	317100	157000	338100	267700	294000	373800	380600	181000	204700	351000	140400	259700	66000	127100	63200	125900	3647300
11/3/95	341800	168700	361800	286200	318600	405000	404800	196200	221800	380500	146400	275700	70300	136500	68400	135300	3918000
11/4/95	257800	126800	274100	216500	239800	304900	303400	147700	167000	287500	115900	207500	53200	103200	52100	102100	2959500
11/5/95	436300	214900	462900	366400	405000	515100	510500	250100	281700	488100	191900	356700	41100	173900	82700	172600	4949900
11/6/95	312900	155400	331000	257200	289900	370400	365400	179200	201700	348000	138100	260100	68600	124500	56200	123600	3582200
11/7/95	266200	132100	281800	221000	256600	315100	307400	152300	171700	294600	115500	216400	62900	105600	48600	104800	3052600
11/8/95	327200	162600	346600	269200	293500	387800	377600	187200	211400	365200	141300	267300	78900	129600	57400	128800	3731600
11/9/95	333600	165500	353300	277100	309400	395100	382700	191100	215400	367200	152800	270100	78900	132100	58000	131300	3813600
11/10/95	373700	185200	395600	316200	346500	442500	430100	214200	241400	416800	165600	304200	76200	148300	84200	147300	4288000
11/11/95	280500	136900	291400	231600	252500	320500	304900	155800	175400	299400	119900	216600	56600	112400	55000	111500	3120900
11/12/95	339300	169300	362800	289400	317600	405400	389000	195600	221300	380700	148400	277700	64500	134200	66300	133500	3895000
11/13/95	409700	203600	439300	349400	388600	497400	478500	238800	262300	473500	168000	343000	73100	159700	80600	158800	4724300
11/14/95	264200	129500	277200	213600	240800	289000	288200	146800	179300	274300	108300	198900	17000	58000	30700	57800	2773600
11/15/95	349000	172400	370200	287600	325700	401300	394000	199600	228400	382400	144600	270500	5300	138800	73800	137400	3881000
11/16/95	412800	204200	438200	341200	386700	481000	466000	236700	270400	453700	182100	319300	35200	164600	87300	163200	4642600
11/17/95	260400	128700	276500	214600	244100	302000	264800	148900	170000	287700	110900	199100	25600	103400	53300	102500	2892500
11/18/95	337000	166300	357600	278300	313600	382100	314000	191500	217100	367900	136700	272500	32600	134000	69500	133100	3703800
11/19/95	430700	211900	456700	356800	403400	504700	508600	246600	280400	476500	171700	345000	42100	171100	85800	170100	4862100
11/20/95	294500	144500	312400	243900	276800	349900	353600	169000	191800	325600	118200	232300	28900	116800	60000	116100	3334300
11/21/95	236500	115800	250800	195800	221800	280300	282700	135400	153200	263100	90700	182900	23400	93500	46600	93000	2665500
11/22/95	342200	167100	363000	283600	321800	406800	409900	196500	221500	384200	139900	264200	34300	135300	66700	134800	3871800
11/23/95	335500	164200	354200	273600	313900	398900	396000	191500	217400	377300	133900	260600	33100	133900	67700	131000	3782700
11/24/95	399700	193900	425200	333600	377400	471500	478600	228200	253300	444200	143900	297700	40600	156500	79800	87000	4411100
11/25/95	277600	134800	292500	227400	256800	316400	318900	155900	174600	300900	110400	204300	28200	111200	57800	83800	3051500
11/26/95	435800	212000	463100	361500	412100	495200	497400	249300	280700	485200	185500	349300	44700	172400	86500	144200	4874900
11/27/95	319800	155100	343900	268500	310700	374700	380700	186600	211000	373100	129400	259300	31200	124500	61600	109300	3639400
11/28/95	335400	162400	356300	276600	316200	378600	378100	189700	211500	374300	136100	254200	33600	132500	64100	119000	3718600
11/29/95	359200	174400	381500	295600	338400	404700	403800	203100	227600	398800	136600	271300	36300	141300	67300	129300	3969200
11/30/95	263500	126700	279000	217100	248400	297900	297900	149600	168800	297000	116300	200000	27400	104200	52800	96300	2942900
TOTAL	9985400	4909000	10594200	8298800	9333200	11656000	11464100	5706000	6450500	11092300	4178500	7902800	1376100	3913600	1950200	3716600	112527300

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
NOVEMBER 1995

METER READINGS (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5
10/31/95	82868700	114374500	40772000	62180000	91273500	118294400	72197600	73886600	75207100	64899400	94815100	60769400	83208100	53898300	58269600	23014600
11/1/95	83204200	114541600	41129200	62461600	91586100	118682400	72593600	74078500	75424800	65273000	94954200	61035800	83274400	54032800	58335800	23147800
11/2/95	83521300	114698600	41467300	62729300	91880100	119056200	72974200	74259500	75629500	65624000	95094600	61295500	83340400	54159900	58399000	23273700
11/3/95	83863100	114867300	41829100	63015500	92198700	119461200	73379000	74455700	75851300	66004500	95241000	61571200	83410700	54296400	58467400	23409000
11/4/95	84120900	114994100	42103200	63232000	92438500	119766100	73682400	74603400	76018300	66292000	95356900	61778700	83463900	54399600	58519500	23511100
11/5/95	84557200	115209000	42566100	63598400	92843500	120281200	74192900	74853500	76300000	66780100	95548800	62135400	83505000	54573500	58602200	23683700
11/6/95	84870100	115364400	42897100	63855600	93133400	120651600	74558300	75032700	76501700	67128100	95686900	62395500	83573600	54698000	58658400	23807300
11/7/95	85136300	115496500	43178900	64076600	93390000	120966700	74865700	75185000	76673400	67422700	95802400	62611900	83636500	54803600	58707000	23912100
11/8/95	85463500	115659100	43525500	64345800	93683500	121354500	75243300	75372200	76884800	67787900	95943700	62879200	83715400	54933200	58764400	24040900
11/9/95	85797100	115824600	43878800	64622900	93992900	121749600	75626000	75563300	77100200	68155100	96096500	63149300	83794300	55065300	58822400	24172200
11/10/95	86170800	116009800	44274400	64939100	94339400	122192100	76056100	75777500	77341600	68571900	96262100	63453500	83870500	55213600	58906600	24319500
11/11/95	86451300	116146700	44565800	65170700	94591900	122512600	76361000	75933300	77517000	68871300	96382000	63670100	83927100	55326000	58961600	24431000
11/12/95	86790600	116316000	44928600	65460100	94909500	122918000	76750000	76128900	77738300	69252000	96530400	63947800	83991600	55460200	59027900	24564500
11/13/95	87200300	116519600	45367900	65809500	95298100	123415400	77228500	76367700	78000600	69725500	96698400	64290800	84064700	55619900	59108500	24723300
11/14/95	87464500	116649100	45645100	66023100	95538900	123704400	77516700	76514500	78179900	69999800	96806700	64489700	84081700	55677900	59139200	24781100
11/15/95	87813500	116821500	46015300	66310700	95864600	124105700	77910700	76714100	78408300	70382200	96951300	64760200	84087000	55816700	59213000	24918500
11/16/95	88226300	117025700	46453500	66651900	96251300	124586700	78376700	76950800	78678700	70835900	97133400	65079500	84122200	55981300	59300300	25081700
11/17/95	88486700	117154400	46730000	66866500	96495400	124888700	78641500	77099700	78848700	71123600	97244300	65278600	84147800	56084700	59353600	25184200
11/18/95	88823700	117320700	47087600	67144800	96809000	125270800	78955500	77291200	79065800	71491500	97381000	65551100	84180400	56218700	59423100	25317300
11/19/95	89254400	117532600	47544300	67501600	97212400	125775500	79464100	77537800	79346200	71968000	97552700	65896100	84222500	56389800	59508900	25487400
11/20/95	89548900	117677100	47856700	67745500	97489200	126125400	79817700	77706800	79538000	72293600	97670900	66128400	84251400	56506600	59568900	25603500
11/21/95	89785400	117792900	48107500	67941300	97711000	126405700	80100400	77842200	79691200	72556700	97761600	66311300	84274800	56600100	59615500	25696500
11/22/95	90127600	117960000	48470500	68224900	98032800	126812500	80510300	78038700	79912700	72940900	97901500	66575500	84309100	56735400	59682200	25831300
11/23/95	90463100	118124200	48824700	68498500	98346700	127211400	80906300	78230200	80130100	73318200	98035400	66836100	84342200	56869300	59749900	25962300
11/24/95	90862800	118318100	49249900	68832100	98724100	127682900	81384900	78458400	80383400	73762400	98179300	67133800	84382800	57025800	59829700	26049300
11/25/95	91140400	118452900	49542400	69059500	98980900	127999300	81703800	78614300	80558000	74063300	98289700	67338100	84411000	57137000	59887500	26133100
11/26/95	91576200	118664900	50005500	69421000	99393000	128494500	82201200	78863600	80838700	74548500	98475200	67687400	84455700	57309400	59974000	26277300
11/27/95	91896000	118820000	50349400	69689500	99703700	128869200	82581900	79050200	81049700	74921600	98604600	67946700	84486900	57433900	60035600	26386600
11/28/95	92231400	118982400	50705700	69966100	100019900	129247800	82960000	79239900	81261200	75295900	98740700	68200900	84520500	57566400	60099700	26505600
11/29/95	92590600	119156800	51087200	70261700	100358300	129652500	83363800	79443000	81488800	75694700	98877300	68472200	84556800	57707700	60167000	26634900
11/30/95	92854100	119283500	51366200	70478800	100606700	129950400	83661700	79592600	81657600	75991700	98993600	68672200	84584200	57811900	60219800	26731200

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
DECEMBER 1995

	METER READINGS (GALLONS)						VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)											
DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6	METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
11/30/95	375722000	925322000	511820000	974533000	2702015000	2364666000	-	-	-	-	-	-	-	-	-	-	-	-
12/1/95	377848000	927255000	513430000	976747000	2702015000	2366447000	2126000	1933000	4059000	2706	1610000	2214000	3824000	2549	0	1781000	1781000	1187
12/2/95	379565000	928825000	514709000	978559000	2702015000	2367890000	1717000	1570000	3287000	2809	1279000	1812000	3091000	2642	0	1443000	1443000	1233
12/3/95	381713000	930811000	516317000	980840000	2702015000	2369703000	2148000	1986000	4134000	2702	1608000	2281000	3889000	2542	0	1813000	1813000	1185
12/4/95	383778000	932735000	517882000	983034000	2702015000	2371449000	2065000	1924000	3989000	2607	1565000	2194000	3759000	2457	0	1746000	1746000	1141
12/5/95	385545000	934355000	519327000	984789000	2702015000	2372940000	1767000	1620000	3387000	2688	1445000	1755000	3200000	2540	0	1491000	1491000	1183
12/6/95	388149000	936758000	521281000	987551000	2702015000	2375137000	2604000	2403000	5007000	2692	1954000	2762000	4716000	2535	0	2197000	2197000	1181
12/7/95	389749000	938227000	522477000	989248000	2702015000	2376484000	1600000	1469000	3069000	2692	1196000	1697000	2893000	2538	0	1347000	1347000	1182
12/8/95	391861000	940167000	524197000	991341000	2702015000	2378263000	2112000	1940000	4052000	2701	1720000	2093000	3813000	2542	0	1779000	1779000	1186
12/9/95	393863000	941980000	525716000	993415000	2702015000	2379935000	2002000	1813000	3815000	2649	1519000	2074000	3593000	2495	0	1672000	1672000	1161
12/10/95	395977000	943865000	527290000	995613000	2702015000	2381690000	2114000	1885000	3999000	2666	1574000	2198000	3772000	2515	0	1755000	1755000	1170
12/11/95	398018000	945686000	528818000	997723000	2702015000	2383383000	2041000	1821000	3862000	2682	1528000	2110000	3638000	2526	0	1693000	1693000	1176
12/12/95	400360000	947750000	530593000	1000101000	2702015000	2385315000	2342000	2064000	4406000	2623	1775000	2378000	4153000	2472	0	1932000	1932000	1150
12/13/95	401921000	949135000	531786000	1001673000	2702015000	2386609000	1561000	1385000	2946000	2654	1193000	1572000	2765000	2491	0	1294000	1294000	1166
12/14/95	404286000	951247000	533579000	1004108000	2702015000	2388570000	2365000	2112000	4477000	2665	1793000	2435000	4228000	2517	0	1961000	1961000	1167
12/15/95	406384000	953108000	535208000	1006205000	2702015000	2390306000	2098000	1861000	3959000	2639	1629000	2097000	3726000	2484	0	1736000	1736000	1157
12/16/95	407950000	954473000	536432000	1007733000	2702015000	2391591000	1566000	1365000	2931000	2641	1224000	1528000	2752000	2479	0	1285000	1285000	1158
12/17/95	410165000	956400000	538164000	1009898000	2702015000	2393406000	2215000	1927000	4142000	2655	1732000	2165000	3897000	2498	0	1815000	1815000	1163
12/18/95	412545000	958510000	539937000	1012361000	2702015000	2395373000	2380000	2110000	4490000	2537	1773000	2463000	4236000	2393	0	1967000	1967000	1111
12/19/95	414104000	959921000	541131000	1013975000	2702015000	2396677000	1559000	1411000	2970000	2676	1194000	1614000	2808000	2530	0	1304000	1304000	1175
12/20/95	416124000	961712000	542635000	1016060000	2702015000	2398348000	2020000	1791000	3811000	2647	1504000	2085000	3589000	2492	0	1671000	1671000	1160
12/21/95	418236000	963571000	544233000	1018199000	2702015000	2400088000	2112000	1859000	3971000	2647	1598000	2139000	3737000	2491	0	1740000	1740000	1160
12/22/95	420597000	965684000	546017000	1020632000	2702015000	2402051000	2361000	2113000	4474000	2663	1784000	2433000	4217000	2510	0	1963000	1963000	1168
12/23/95	422221000	967116000	547229000	1022297000	2702015000	2403392000	1624000	1432000	3056000	2612	1212000	1665000	2877000	2459	0	1341000	1341000	1146
12/24/95	424090000	968795000	548674000	1024158000	2702015000	2404932000	1869000	1679000	3548000	2688	1445000	1861000	3306000	2505	0	1540000	1540000	1167
12/25/95	426395000	970808000	550284000	1026734000	2702015000	2406976000	2305000	2013000	4318000	2525	1610000	2576000	4186000	2448	0	2044000	2044000	1195
12/26/95	428581000	972673000	552111000	1028653000	2702015000	2408619000	2186000	1865000	4051000	2813	1827000	1919000	3746000	2601	0	1643000	1643000	1141
12/27/95	430774000	974616000	553754000	1030897000	2702015000	2410433000	2193000	1943000	4136000	2651	1643000	2244000	3887000	2492	0	1814000	1814000	1163
12/28/95	431616000	976258000	555120000	1032830000	2702015000	2411965000	842000	1642000	2484000	1882	1366000	1933000	3299000	2499	0	1532000	1532000	1161
12/29/95	434472000	977871000	556496000	1034716000	2702015000	2413481000	2856000	1613000	4469000	3386	1376000	1886000	3262000	2471	0	1516000	1516000	1148
12/30/95	436328000	979531000	557855000	1036658000	2702015000	2415023000	1856000	1660000	3516000	2790	1359000	1942000	3301000	2620	0	1542000	1542000	1224
12/31/95	438404000	981367000	559389000	1038814000	2702016000	2416738000	2076000	1836000	3912000	2661	1534000	2156000	3690000	2510	1000	1715000	1716000	1167
TOTALS	62682000	56045000	47569000	64281000	1000	52072000	62682000	56045000	118727000	2663	47569000	64281000	111850000	2509	1000	52072000	52073000	1168

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
DECEMBER 1995

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
12/1/95	355400	171000	377200	292400	335500	401000	400200	200800	227800	393000	128400	267700	37100	139300	67600	129500	3923900
12/2/95	277000	132700	291700	226200	255900	305000	301100	154400	173000	296900	115400	201000	30000	110500	58500	103400	3032700
12/3/95	355700	171100	378800	296500	337900	405900	405800	204400	229200	407500	165700	273100	38900	139700	70100	131700	4012000
12/4/95	351100	168200	376700	293700	338200	423300	410600	203600	229500	408600	160200	277200	38700	136300	64500	129100	4009500
12/5/95	286000	137300	308700	240700	274800	345100	328400	164800	186800	328300	138600	222200	33200	114200	57200	108600	3274900
12/6/95	436400	207800	459300	357800	408200	512000	484500	244100	278900	486400	179400	328500	49400	168500	80000	161200	4842400
12/7/95	266100	126800	283000	220400	252100	316200	298100	150400	172500	296000	113700	203700	30900	104000	42700	99500	2976100
12/8/95	349400	166600	372200	289600	331300	416200	391700	197700	226500	390700	155000	267800	40700	136600	72100	131400	3935500
12/9/95	331600	158200	351300	273800	312100	390000	362500	185700	213500	360300	140200	252000	38600	129900	62000	125400	3687100
12/10/95	352300	167300	374300	289800	333700	416700	386400	197900	228400	384500	140100	270500	41100	137400	65000	133000	3918400
12/11/95	341900	162000	365200	281500	326300	407700	362500	193200	223300	383600	136500	264400	41000	133100	63800	129000	3815000
12/12/95	390100	185300	414700	319500	369000	459500	389100	218000	252000	432600	158200	295600	47400	152300	67900	148300	4299500
12/13/95	259900	123900	275100	212800	244700	304600	275300	145000	167000	286800	103500	194200	30400	101300	43300	98700	2866500
12/14/95	397100	188600	416600	320900	379700	470600	433100	227300	260000	442700	170300	300700	49400	154100	77600	149800	4438500
12/15/95	346700	163100	376200	284100	328900	407200	371100	197300	224100	394500	149900	258800	45500	135100	65100	132300	3879900
12/16/95	251900	119600	263500	198000	230600	282800	232900	138200	156900	255200	105700	175700	28200	100100	45100	97900	2682300
12/17/95	370900	175300	393600	300400	351100	411600	349400	209100	237700	408700	150800	291200	45600	144000	76900	140600	4056900
12/18/95	408800	193100	434700	335300	391400	457800	408200	233600	265500	463100	164900	331700	49400	155400	78800	152100	4523800
12/19/95	262200	122700	278300	214500	247700	305000	271100	149200	167300	292200	117500	206900	32000	100800	51800	98500	2917700
12/20/95	337900	158800	356500	275300	317400	392600	342200	190000	214400	373600	145400	259100	41400	130400	65700	127700	3728400
12/21/95	354900	166300	375300	288500	334600	412800	361500	199000	226100	390700	134200	266200	42200	136300	74700	133500	3896800
12/22/95	395000	184600	415900	320300	369400	456700	400400	220400	249500	430300	156300	291500	47300	151700	77800	149000	4316100
12/23/95	274200	128500	289000	222800	257700	318100	277000	153400	174200	301900	109200	201200	33600	105400	48600	103500	2998300
12/24/95	313200	146100	330700	257200	295000	363800	315200	176100	199500	345100	129700	229400	38200	120400	54500	118300	3432400
12/25/95	410400	188100	422400	324900	376200	465100	405300	224000	254800	441200	159000	294100	49600	153900	71800	150500	4391300
12/26/95	349600	165100	379800	294700	342200	414300	354200	200200	227800	395600	112300	267000	38800	137100	67900	135500	3882100
12/27/95	367600	170800	387400	300000	340200	424900	365800	205500	232900	407400	132700	278200	42100	140700	67100	138400	4001700
12/28/95	312600	145100	329900	255200	293800	362600	315800	175200	198700	339500	108100	238800	37200	119200	53800	117300	3402800
12/29/95	311100	144600	328300	253600	292500	360300	312400	173800	197800	346100	109900	235900	37300	118900	52800	117300	3392600
12/30/95	303000	141300	315200	244200	273400	338300	299100	164000	188600	320100	107500	225000	33800	118800	63900	116400	3252600
12/31/95	346900	161700	365000	285000	325100	404200	356400	194000	225300	374000	114600	266100	38400	135400	71400	133100	3796600
TOTAL	10466900	4941600	11086500	8569600	9866600	12151900	10967300	5890300	6709500	11577100	4212900	7935400	1227400	4060800	1980000	3940500	115584300

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
DECEMBER 1995

METER READINGS (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5
11/30/95	92854100	119283500	51366200	70478800	100606700	129950400	83661700	79592600	81657600	75991700	98993600	68672200	84584200	57811900	60219800	26731200
12/1/95	93209500	119454500	51743400	70771200	100942200	130351400	84061900	79793400	81885400	76384700	99122000	68939900	84621300	57951200	60287400	26860700
12/2/95	93486500	119587200	52035100	70997400	101198100	130656400	84363000	79947800	82058400	76681600	99237400	69140900	84651300	58061700	60345900	26964100
12/3/95	93842200	119758300	52413900	71293900	101536000	131062300	84768800	80152200	82287600	77089100	99403100	69414000	84690200	58201400	60416000	27095800
12/4/95	94193300	119926500	52790600	71587600	101874200	131485600	85179400	80355800	82517100	77497700	99563300	69691200	84728900	58337700	60480500	27224900
12/5/95	94479300	120063800	53099300	71828300	102149000	131830700	85507800	80520600	82703900	77826000	99701900	69913400	84762100	58451900	60537700	27333500
12/6/95	94915700	120271600	53558600	72186100	102557200	132342700	85992300	80764700	82982800	78312400	99881300	70241900	84811500	58620400	60617700	27494700
12/7/95	95181800	120398400	53841600	72406500	102809300	132658900	86290400	80915100	83155300	78608400	99995000	70445600	84842400	58724400	60660400	27594200
12/8/95	95531200	120565000	54213800	72696100	103140600	133075100	86682100	81112800	83381800	78999100	100150000	70713400	84883100	58861000	60732500	27725600
12/9/95	95862800	120723200	54565100	72969900	103452700	133465100	87044600	81298500	83595300	79359400	100290200	70965400	84921700	58990900	60794500	27851000
12/10/95	96215100	120890500	54939400	73259700	103786400	133881800	87431000	81496400	83823700	79743900	100430300	71235900	84962800	59128300	60859500	27984000
12/11/95	96557000	121052500	55304600	73541200	104112700	134289500	87793500	81689600	84047000	80127500	100566800	71500300	85003800	59261400	60923300	28113000
12/12/95	96947100	121237800	55719300	73860700	104481700	134749000	88182600	81907600	84299000	80560100	100725000	71795900	85051200	59413700	60991200	28261300
12/13/95	97207000	121361700	55994400	74073500	104726400	135053600	88457900	82052600	84466000	80846900	100828500	71990100	85081600	59515000	61034500	28360000
12/14/95	97604100	121550300	56411000	74394400	105106100	135524200	88891000	82279900	84726000	81289600	100998800	72290800	85131000	59669100	61112100	28509800
12/15/95	97950800	121713400	56787200	74678500	105435000	135931400	89262100	82477200	84950100	81684100	101148700	72549600	85176500	59804200	61177200	28642100
12/16/95	98202700	121833000	57050700	74876500	105665600	136214200	89495000	82615400	85107000	81939300	101254400	72725300	85204700	59904300	61222300	28740000
12/17/95	98573600	122008300	57444300	75176900	106016700	136625800	89844400	82824500	85344700	82348000	101405200	73016500	85250300	60048300	61299200	28880600
12/18/95	98982400	122201400	57879000	75512200	106408100	137083600	90252600	83058100	85610200	82811100	101570100	73348200	85299700	60203700	61378000	29032700
12/19/95	99244600	122324100	58157300	75726700	106655800	137388600	90523700	83207300	85777500	83103300	101687600	73555100	85331700	60304500	61429800	29131200
12/20/95	99582500	122482900	58513800	76002000	106973200	137781200	90865900	83397300	85991900	83476900	101833000	73814200	85373100	60434900	61495500	29258900
12/21/95	99937400	122649200	58889100	76290500	107307800	138194000	91227400	83596300	86218000	83867600	101967200	74080400	85415300	60571200	61570200	29392400
12/22/95	100332400	122833800	59305000	76610800	107677200	138650700	91627800	83816700	86467500	84297900	102123500	74371900	85462600	60722900	61648000	29541400
12/23/95	100606600	122962300	59594000	76833600	107934900	138968800	91904800	83970100	86641700	84599800	102232700	74573100	85496200	60828300	61696600	29644900
12/24/95	100919800	123108400	59924700	77090800	108229900	139332600	92220000	84146200	86841200	84944900	102362400	74802500	85534400	60948700	61751100	29763200
12/25/95	101330200	123296500	60347100	77415700	108606100	139797700	92625300	84370200	87096000	85386100	102521400	75096600	85584000	61102600	61822900	29913700
12/26/95	101679800	123461600	60726900	77710400	108948300	140212000	92979500	84570400	87323800	85781700	102633700	75363600	85622800	61239700	61890800	30049200
12/27/95	102047400	123632400	61114300	78010400	109288500	140636900	93345300	84775900	87556700	86189100	102766400	75641800	85664900	61380400	61957900	30187600
12/28/95	102360000	123777500	61444200	78265600	109582300	140999500	93661100	84951100	87755400	86528600	102874500	75880600	85702100	61499600	62011700	30304900
12/29/95	102671100	123922100	61772500	78519200	109874800	141359800	93973500	85124900	87953200	86874700	102984400	76116500	85739400	61618500	62064500	30422200
12/30/95	102974100	124063400	62087700	78763400	110148200	141698100	94272600	85288900	88141800	87194800	103091900	76341500	85773200	61737300	62128400	30538600
12/31/95	103321000	124225100	62452700	79048400	110473300	142102300	94629000	85482900	88367100	87568800	103206500	76607600	85811600	61872700	62199800	30671700

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
JANUARY 1996

METER READINGS (GALLONS)

DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6
12/31/95	438404000	981367000	559389000	38814000	2702016000	2416738000
1/1/96	440667000	983383000	561051000	41185000	2702016000	2418615000
1/2/96	442931000	985400000	562713000	43557000	2702016000	2420493000
1/3/96	444535000	986824000	563900000	45221000	2702016000	2421820000
1/4/96	446482000	988554000	565311000	47277000	2702016000	2423433000
1/5/96	448879000	990681000	567062000	49793000	2702016000	2425416000
1/6/96	450538000	992161000	568280000	51521000	2702016000	2426791000
1/7/96	452608000	993999000	569795000	53693000	2702016000	2428507000
1/8/96	455143000	996470000	571748000	56276000	2702016000	2430617000
1/9/96	456670000	997614000	572851000	57836000	2702016000	2431879000
1/10/96	458888000	999695000	574479000	60435000	2702016000	2433827000
1/11/96	461111000	1001242000	576106000	62232000	2702016000	2435421000
1/12/96	463331000	1003326000	577848000	64544000	2702016000	2437269000
1/13/96	464513000	1004426000	578665000	65881000	2702016000	2438250000
1/14/96	466880000	1006624000	580264000	68592000	2702016000	2440212000
1/15/96	469159000	1008718000	581883000	71100000	2702016000	2442095000
1/16/96	471275000	1010680000	583462000	73372000	2702016000	2443852000
1/17/96	472713000	1012010000	584530000	74910000	2702016000	2445044000
1/18/96	474949000	1014075000	586199000	77294000	2702016000	2446896000
1/19/96	476769000	1015742000	587609000	79177000	2702016000	2448398000
1/20/96	478834000	1017626000	589190000	81324000	2702016000	2450100000
1/21/96	480859000	1019477000	590710000	83465000	2702016000	2451772000
1/22/96	482884000	1021328000	592230000	85605000	2702016000	2453444000
1/23/96	484906000	1023177000	593709000	87782000	2702016000	2455112000
1/24/96	487350000	1025412000	595496000	90413000	2702016000	2457128000
1/25/96	489387000	1027263000	596869000	92714000	2702016000	2458804000
1/26/96	491029000	1028749000	597986000	94542000	2702016000	2460154000
1/27/96	493009000	1030549000	599334000	96766000	2702016000	2461782000
1/28/96	495005000	1032352000	600697000	98990000	2702016000	2463417000
1/29/96	497067000	1034214000	602152000	101239000	2702016000	2465107000
1/30/96	499138000	1036059000	603635000	103456000	2702016000	2466792000
1/31/96	501509000	1038185000	605309000	106035000	2702016000	2468729000
TOTALS	63105000	56818000	45920000	67221000	0	51991000

VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)

METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
-	-	-	-	-	-	-	-	-	-	-	-
2263000	2016000	4279000	2641	1662000	2371000	4033000	2490	0	1877000	1877000	1159
2264000	2017000	4281000	2692	1662000	2372000	4034000	2537	0	1878000	1878000	1181
1604000	1424000	3028000	2656	1187000	1664000	2851000	2501	0	1327000	1327000	1164
1947000	1730000	3677000	2664	1411000	2056000	3467000	2512	0	1613000	1613000	1169
2397000	2127000	4524000	2646	1751000	2516000	4267000	2495	0	1983000	1983000	1160
1659000	1480000	3139000	2683	1218000	1728000	2946000	2518	0	1375000	1375000	1175
2070000	1838000	3908000	2659	1515000	2172000	3687000	2508	0	1716000	1716000	1167
2535000	2471000	5006000	2781	1953000	2583000	4536000	2520	0	2110000	2110000	1172
1527000	1144000	2671000	2473	1103000	1560000	2663000	2466	0	1262000	1262000	1169
2218000	2081000	4299000	2559	1628000	2599000	4227000	2516	0	1948000	1948000	1160
2223000	1547000	3770000	2488	1627000	1797000	3424000	2260	0	1594000	1594000	1052
2220000	2084000	4304000	2738	1742000	2312000	4054000	2579	0	1848000	1848000	1176
1182000	1100000	2282000	2717	817000	1337000	2154000	2564	0	981000	981000	1168
2367000	2198000	4565000	2717	1599000	2711000	4310000	2565	0	1962000	1962000	1168
2279000	2094000	4373000	2699	1619000	2508000	4127000	2548	0	1883000	1883000	1162
2116000	1962000	4078000	2719	1579000	2272000	3851000	2567	0	1757000	1757000	1171
1438000	1330000	2768000	2714	1068000	1538000	2606000	2555	0	1192000	1192000	1169
2236000	2065000	4301000	2705	1669000	2384000	4053000	2549	0	1852000	1852000	1165
1820000	1667000	3487000	2703	1410000	1883000	3293000	2553	0	1502000	1502000	1164
2065000	1884000	3949000	2686	1581000	2147000	3728000	2536	0	1702000	1702000	1158
2025000	1851000	3876000	2692	1520000	2141000	3661000	2542	0	1672000	1672000	1161
2025000	1851000	3876000	2692	1520000	2140000	3660000	2542	0	1672000	1672000	1161
2022000	1849000	3871000	2688	1479000	2177000	3656000	2539	0	1668000	1668000	1158
2444000	2235000	4679000	2689	1787000	2631000	4418000	2539	0	2016000	2016000	1159
2037000	1851000	3888000	2700	1373000	2301000	3674000	2551	0	1676000	1676000	1164
1642000	1486000	3128000	2674	1117000	1828000	2945000	2517	0	1350000	1350000	1154
1980000	1800000	3780000	2800	1348000	2224000	3572000	2646	0	1628000	1628000	1206
1996000	1803000	3799000	2694	1363000	2224000	3587000	2544	0	1635000	1635000	1160
2062000	1862000	3924000	2565	1455000	2249000	3704000	2421	0	1690000	1690000	1105
2071000	1845000	3916000	2664	1483000	2217000	3700000	2517	0	1685000	1685000	1146
2371000	2126000	4497000	2677	1674000	2579000	4253000	2532	0	1937000	1937000	1153
63105000	56818000	119923000	2674	45920000	67221000	113141000	2523	0	51991000	51991000	1159

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measurement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
JANUARY 1996

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
1/1/96	383500	178600	405900	317200	364700	453300	392100	218500	253300	417300	136300	306700	42900	149100	78200	146400	4244000
1/2/96	383500	178700	406000	317200	364800	453300	392100	218500	253300	417400	136300	306700	43000	149100	78300	146400	4244600
1/3/96	269400	125800	279700	222500	251200	311600	270900	150500	174300	293300	98200	204900	30600	105000	51600	103000	2942500
1/4/96	322800	150800	344900	265000	302600	374100	323100	181100	209400	358600	115000	245200	38100	127000	62000	125000	3544700
1/5/96	397500	185300	419800	327000	373100	462000	401000	224000	258700	424100	161600	307900	46500	156200	77500	153400	4375600
1/6/96	274400	128300	289400	221800	257300	317800	276700	154900	178600	289700	114300	222800	32100	107900	55500	105900	3027400
1/7/96	343900	162000	363800	279100	324000	400600	347800	195100	225000	361800	141800	280200	40100	135000	68200	133000	3801400
1/8/96	420800	193100	446300	344800	397400	493100	417000	239600	276000	467600	181000	330800	49000	165200	78800	161600	4662100
1/9/96	253900	118400	268800	207200	239400	296200	223300	143700	166500	288400	106200	212400	29700	99900	44800	98200	2797000
1/10/96	391400	181500	415600	319500	370300	458200	341300	221200	257400	450900	167900	305800	45800	154000	83700	151100	4315600
1/11/96	323900	163000	337800	261500	303600	385300	286900	180200	213100	351700	130500	238700	38900	133300	72500	129700	3550600
1/12/96	371800	194200	386800	305900	342900	411800	193800	209500	239600	398800	160000	305500	32900	152100	85600	149500	3940700
1/13/96	198100	103600	206200	162500	183000	219200	407600	111400	127800	212800	81200	160100	19800	80900	44500	79800	2398500
1/14/96	399200	208500	415600	326000	369200	441900	414700	224000	257800	429700	151600	322300	43000	162800	88400	160100	4414800
1/15/96	386100	201400	401500	313800	356200	425100	393300	215200	248800	412500	138400	307900	41900	157100	83500	154100	4236800
1/16/96	355700	186400	369800	290900	328600	392400	362300	199300	229600	382300	146700	283200	39400	145600	78300	142800	3933300
1/17/96	241900	126800	252000	198200	224300	267900	245800	136100	156800	259200	101500	193200	27200	99100	53600	97000	2680600
1/18/96	376800	198700	396200	312300	353700	422000	387000	214200	247400	409500	152000	304800	43000	154200	80700	150900	4203400
1/19/96	308600	160100	316400	248100	280600	333100	301000	169700	195900	319200	113800	239400	35600	125500	66600	122900	3336500
1/20/96	348400	181800	363000	283400	322600	386900	344400	194100	225300	370400	123500	273600	40500	142500	76100	139300	3815800
1/21/96	343200	178000	356400	278900	317600	392300	336800	190500	221500	363200	121900	268600	41000	140000	72100	136800	3758800
1/22/96	343100	178000	356400	278800	317500	392400	336800	190500	221500	363100	121900	268600	40900	140000	72200	136700	3758400
1/23/96	342700	178600	357100	279600	316800	393100	337000	190100	221800	362900	122400	269300	40300	139700	72000	136800	3760200
1/24/96	414500	211100	434700	335800	391100	479800	407200	234800	271800	443600	171200	323200	52700	168900	89500	164100	4594000
1/25/96	343500	176300	364100	284600	324900	399800	337200	194900	226600	371200	132300	265100	43100	140500	73600	137100	3814800
1/26/96	275300	141400	277500	215700	247100	303700	254600	148900	172100	280700	110200	200300	34800	112800	62500	110300	2947900
1/27/96	324400	164600	335100	260500	295600	362000	301600	178100	223600	335600	135500	234400	42000	134500	71300	131200	3530000
1/28/96	337500	171200	352500	274400	315500	388000	323400	188300	202000	356400	132500	257900	43000	137700	72700	134400	3687400
1/29/96	357000	180900	375300	292900	339600	419200	350900	201800	237500	388200	138700	281700	45400	143500	75200	140500	3968300
1/30/96	351000	176700	366500	284700	327800	402100	331600	193700	228500	366000	138700	268200	40500	142700	73700	139900	3832300
1/31/96	400400	200200	419800	325600	375400	462800	379900	222500	261800	426500	162300	307200	67100	163600	87300	160300	4422700
TOTAL	10584200	5284000	11080900	8635400	9878400	12101000	10419100	5934900	6883300	11372600	4145400	8296600	1250800	4265400	2230500	4178200	116540700

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
JANUARY 1996

METER READINGS (GALLONS)

DATE	*B1*	*B2*	*B3*	*B4*	*B5*	*B6*	*B7*	*B8*	*B9*	*B10*	*B11*	*B12*	*SC2*	*SC3*	*SC4*	*SC5*
12/31/95	3321000	24225100	62452700	79048400	10473300	42102300	94629000	85482900	88367100	87568800	3206500	76607600	85811600	61872700	62199800	30671700
1/1/96	3704500	24403700	62858600	79365600	10838000	42555600	95021100	85701400	88620400	87986100	3342800	76914300	85854500	62021800	62278000	30818100
1/2/96	4088000	24582400	63264600	79682800	11202800	43008900	95413200	85919900	88873700	88403500	3479100	77221000	85897500	62170900	62356300	30964500
1/3/96	4357400	24708200	63544300	79905300	11454000	43320500	95684100	86070400	89048000	88696800	3577300	77425900	85928100	62275900	62407900	31067500
1/4/96	4680200	24859000	63889200	80170300	11756600	43694600	96007200	86251500	89257400	89055400	3692300	77671100	85966200	62402900	62469900	31192500
1/5/96	5077700	25044300	64309000	80497300	12129700	44156600	96408200	86475500	89516100	89479500	3853900	77979000	86012700	62559100	62547400	31345900
1/6/96	5352100	25172600	64598400	80719100	12387000	44474400	96684900	86630400	89694700	89769200	3968200	78201800	86044800	62667000	62602900	31451800
1/7/96	5696000	25334600	64962200	80998200	12711000	44875000	97032700	86825500	89919700	90131000	4110000	78482000	86084900	62802000	62671100	31584800
1/8/96	6116800	25527700	65408500	81343000	13108400	45368100	97449700	87065100	90195700	90598600	4291000	78812800	86133900	62967200	62749900	31746400
1/9/96	6370700	25646100	65677300	81550200	13347800	45664300	97673000	87208800	90362200	90887000	4397200	79025200	86163600	63067100	62794700	31844600
1/10/96	6762100	25827600	66092900	81869700	13718100	46122500	98014300	87430000	90619600	91337900	4565100	79331000	86209400	63221100	62878400	31995700
1/11/96	7086000	25990600	66430700	82131200	14021700	46507800	98301200	87610200	90832700	91689600	4695600	79569700	86248300	63354400	62950900	32125400
1/12/96	7457800	26184800	66817500	82437100	14364600	46919600	98495000	87819700	91072300	92088400	4855600	79875200	86281200	63506500	63036500	32274900
1/13/96	7655900	26288400	67023700	82599600	14547600	47138800	98902600	87931100	91200100	92301200	4936800	80035300	86301000	63587400	63081000	32354700
1/14/96	8055100	26496900	67439300	82925600	14916800	47580700	99317300	88155100	91457900	92730900	5088400	80357600	86344000	63750200	63169400	32514800
1/15/96	8441200	26698300	67840800	83239400	15273000	48005800	99710600	88370300	91706700	93143400	5226800	80665500	86385900	63907300	63252900	32668900
1/16/96	8796900	26884700	68210600	83530300	15601600	48398200	100072900	88569600	91936300	93525700	5373500	80948700	86425300	64052900	63331200	32811700
1/17/96	9038800	27011500	68462600	83728500	15825900	48666100	100318700	88705700	92093100	93784900	5475000	81141900	86452500	64152000	63384800	32908700
1/18/96	9415600	27210200	68858800	84040800	16179600	49088100	100705700	88919900	92340500	94194400	5627000	81446700	86495500	64306200	63465500	33059600
1/19/96	9724200	27370300	69175200	84288900	16460200	49421200	101006700	89089600	92536400	94513600	5740800	81686100	86531100	64431700	63532100	33182500
1/20/96	10072600	27552100	69538200	84572300	16782800	49808100	101351100	89283700	92761700	94884000	5864300	81959700	86571600	64574200	63608200	33321800
1/21/96	10415800	27730100	69894600	84851200	17100400	50200400	101687900	89474200	92983200	95247200	5986200	82228300	86612600	64714200	63680300	33458600
1/22/96	10758900	27908100	70251000	85130000	17417900	50592800	102024700	89664700	93204700	95610300	6108100	82496900	86653500	64854200	63752500	33595300
1/23/96	11101600	28086700	70608100	85409600	17734700	50985900	102361700	89854800	93426500	95973200	6230500	82766200	86693800	64993900	63824500	33732100
1/24/96	11516100	28297800	71042800	85745400	18125800	51465700	102768900	90089600	93698300	96416800	6401700	83089400	86746500	65162800	63914000	33896200
1/25/96	11859600	28474100	71406900	86030000	18450700	51865500	103106100	90284500	93924900	96788000	6534000	83354500	86789600	65303300	63987600	34033300
1/26/96	12134900	28615500	71684400	86245700	18697800	52169200	103360700	90433400	94097000	97068700	6644200	83554800	86824400	65416100	64050100	34143600
1/27/96	12459300	28780100	72019500	86506200	18993400	52531200	103662300	90611500	94320600	97404300	6779700	83789200	86866400	65550600	64121400	34274800
1/28/96	12796800	28951300	72372000	86780600	19308900	52919200	103985700	90799800	94522600	97760700	6912200	84047100	86909400	65688300	64194100	34409200
1/29/96	13153800	29132200	72747300	87073500	19648500	53338400	104336600	91001600	94760100	98148900	7050900	84328800	86954800	65831800	64269300	34549700
1/30/96	13504800	29308900	73113800	87358200	19976300	53740500	104668200	91195300	94988600	98514900	7189600	84597000	86995300	65974500	64343000	34689600
1/31/96	13905200	29509100	73533600	87683800	20351700	54203300	105048100	91417800	95250400	98941400	7351900	84904200	87062400	66138100	64430300	34849900

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
FEBRUARY 1996

	METER READINGS (GALLONS)						VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)											
DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6	METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
1/31/96	501509000	38185000	605309000	106035000	2702016000	2468729000	-	-	-	-	-	-	-	-	-	-	-	-
2/1/96	503525000	40002000	606711000	108254000	2702016000	2470380000	2016000	1817000	3833000	2662	1402000	2219000	3621000	2515	0	1651000	1651000	1147
2/2/96	505578000	41856000	608240000	110416000	2702016000	2472062000	2053000	1854000	3907000	2685	1529000	2162000	3691000	2537	0	1682000	1682000	1156
2/3/96	507413000	43516000	609618000	112341000	2702016000	2473568000	1835000	1660000	3495000	2678	1378000	1925000	3303000	2531	0	1506000	1506000	1154
2/4/96	509650000	45530000	611284000	114687000	2702016000	2475401000	2237000	2014000	4251000	2674	1666000	2346000	4012000	2523	0	1833000	1833000	1153
2/5/96	511596000	47280000	612659000	116803000	2702016000	2476994000	1946000	1750000	3696000	2678	1375000	2116000	3491000	2530	0	1593000	1593000	1154
2/6/96	513677000	48080000	613636000	118552000	2702016000	2478237000	2081000	800000	2881000	1960	977000	1749000	2726000	1854	0	1243000	1243000	846
2/7/96	515428000	48654000	614449000	119946000	2702016000	2479245000	1751000	574000	2325000	1890	813000	1394000	2207000	1794	0	1008000	1008000	820
2/8/96	517390000	50261000	615841000	121924000	2702016000	2480802000	1962000	1607000	3569000	2586	1392000	1978000	3370000	2442	0	1557000	1557000	1128
2/9/96	519752000	52315000	617593000	124328000	2702016000	2482736000	2362000	2054000	4416000	2657	1752000	2404000	4156000	2501	0	1934000	1934000	1164
2/10/96	521516000	53859000	618903000	126121000	2702016000	2484178000	1764000	1544000	3308000	2535	1310000	1793000	3103000	2378	0	1442000	1442000	1105
2/11/96	523598000	55657000	620456000	128216000	2702016000	2485870000	2082000	1798000	3880000	2812	1553000	2095000	3648000	2643	0	1692000	1692000	1226
2/12/96	525782000	57505000	622097000	130388000	2702016000	2487638000	2184000	1848000	4032000	2489	1641000	2172000	3813000	2354	0	1768000	1768000	1091
2/13/96	527648000	59111000	623460000	132302000	2702016000	2489152000	1866000	1606000	3472000	2630	1363000	1914000	3277000	2483	0	1514000	1514000	1147
2/14/96	529672000	60906000	624955000	134415000	2702016000	2490823000	2024000	1795000	3819000	2652	1495000	2113000	3608000	2506	0	1671000	1671000	1160
2/15/96	531707000	62736000	626465000	136537000	2702016000	2492512000	2035000	1830000	3865000	2684	1510000	2122000	3632000	2522	0	1689000	1689000	1173
2/16/96	533750000	64608000	628010000	138695000	2702016000	2494225000	2043000	1872000	3915000	2719	1545000	2158000	3703000	2572	0	1713000	1713000	1190
2/17/96	536256000	66887000	629894000	141320000	2702016000	2496319000	2506000	2279000	4785000	2703	1884000	2625000	4509000	2547	0	2094000	2094000	1183
2/18/96	538328000	68747000	631432000	143500000	2702016000	2498041000	2072000	1860000	3932000	2675	1538000	2180000	3718000	2529	0	1722000	1722000	1171
2/19/96	540143000	70384000	632772000	145417000	2702016000	2499552000	1815000	1637000	3452000	2676	1340000	1917000	3257000	2525	0	1511000	1511000	1171
2/20/96	541918000	71991000	634100000	147283000	2702016000	2501035000	1775000	1607000	3382000	2684	1328000	1866000	3194000	2535	0	1483000	1483000	1177
2/21/96	544290000	74153000	635888000	149773000	2702016000	2503021000	2372000	2162000	4534000	2699	1788000	2490000	4278000	2546	0	1986000	1986000	1182
2/22/96	545905000	75625000	637090000	151475000	2702016000	2504374000	1615000	1472000	3087000	2708	1202000	1702000	2904000	2547	0	1353000	1353000	1187
2/23/96	548189000	77698000	638805000	153874000	2702016000	2506283000	2284000	2073000	4357000	2690	1715000	2399000	4114000	2540	0	1909000	1909000	1178
2/24/96	550061000	79714000	640029000	156322000	2702016000	2507968000	1872000	2016000	3888000	2700	1224000	2448000	3672000	2550	0	1685000	1685000	1170
2/25/96	552038000	81196000	641704000	157907000	2702016000	2509501000	1977000	1482000	3459000	2681	1675000	1585000	3260000	2527	0	1533000	1533000	1188
2/26/96	554159000	83118000	643297000	160131000	2702016000	2511272000	2121000	1922000	4043000	2695	1593000	2224000	3817000	2545	0	1771000	1771000	1181
2/27/96	556454000	84602000	644689000	162294000	2702016000	2512928000	2295000	1484000	3779000	2333	1392000	2163000	3555000	2194	0	1656000	1656000	1022
2/28/96	558233000	86252000	646039000	164180000	2702016000	2514428000	1779000	1650000	3429000	2721	1350000	1886000	3236000	2568	0	1500000	1500000	1190
2/29/96	560637000	88459000	647853000	166718000	2702016000	2516450000	2404000	2207000	4611000	2696	1814000	2538000	4352000	2545	0	2022000	2022000	1182
TOTALS	59128000	50274000	42544000	60683000	0	47721000	59128000	50274000	109402000	2611	42544000	60683000	103227000	2463	0	47721000	47721000	1139

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
FEBRUARY 1996

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
2/1/96	339200	169600	353700	275400	316300	390000	320700	187600	220600	362200	135700	260600	57200	138300	76400	135600	3739100
2/2/96	346400	172500	364200	282800	325600	400800	323700	192800	227100	364700	135400	263100	59100	140700	74200	137800	3810900
2/3/96	307000	153000	320100	249200	286300	352700	285600	169500	199600	324200	125500	232300	54000	125500	65100	123200	3372800
2/4/96	375600	186400	393000	305500	351400	432300	348500	207900	245000	396100	142200	285300	68400	153300	81800	150200	4122900
2/5/96	327700	162300	343300	266200	307400	377900	304300	181300	214500	347600	117900	248700	61600	133300	71200	130700	3595900
2/6/96	275900	134100	283100	230800	261700	303200	267300	145000	168100	285900	104600	100900	49700	100800	59700	107900	2878700
2/7/96	252600	127900	227100	208200	211200	239300	200	115700	136700	224300	28000	0	54800	99600	53500	103100	2082200
2/8/96	337900	168000	344800	276700	301200	367300	305600	179200	205200	343100	0	238200	44900	138500	76500	136000	3463100
2/9/96	393800	197500	427300	343700	354400	434800	357700	204600	234900	395400	11800	220300	88500	167400	90800	164000	4086900
2/10/96	316900	157200	302000	241600	275800	324700	286900	162400	188100	304900	0	219400	64200	126300	69200	124700	3164300
2/11/96	344700	170900	352000	281800	309600	361400	316800	182900	213900	344400	0	260000	76500	147500	79800	145300	3587500
2/12/96	397100	196500	408600	327400	364300	423300	343300	213300	249400	408600	0	296600	85500	160500	83800	158000	4116200
2/13/96	329400	162500	335500	268700	296700	340100	267700	173500	203700	323300	0	250500	72900	134900	70600	132800	3362800
2/14/96	351400	173100	360900	289700	320500	369300	289400	189900	220000	358900	108900	265300	78100	145700	77400	143500	3742000
2/15/96	346600	171100	355200	286000	316100	364700	286600	188100	217000	355900	156600	258200	77700	145000	76500	142500	3743800
2/16/96	347400	169300	358800	286900	318700	395900	325900	191100	218900	352700	151400	266600	77000	145300	77400	142700	3826000
2/17/96	427500	208600	438600	352200	390000	482300	368200	233100	267900	428700	180400	325500	96600	178500	91300	175600	4645000
2/18/96	355300	172800	365100	293200	324800	400800	275200	193600	223000	363600	148900	267800	82100	148300	76000	145700	3836200
2/19/96	311200	150900	320200	257200	284600	350800	246500	169900	195500	321900	135900	234900	72000	129600	67500	127500	3376100
2/20/96	303000	146400	311700	250200	276700	342100	251900	165600	190400	312700	139300	229200	70100	126300	63800	124400	3303800
2/21/96	405100	194800	417200	334900	371800	459000	368500	222200	255200	410500	183900	310200	93000	168600	89900	165300	4450100
2/22/96	273700	131800	280200	225500	248600	307100	245900	149000	170900	279000	123200	208500	63400	114500	62000	112000	2995300
2/23/96	389000	186200	400900	321800	361000	435800	349900	213100	243000	396900	176400	299700	90500	162100	86700	158600	4271600
2/24/96	344100	165600	355700	286500	322600	387400	311000	191500	216000	352800	155500	266400	79200	144000	77800	141100	3797200
2/25/96	310800	147300	319500	255500	272400	357300	273700	167800	198800	315500	140200	239500	73700	129000	67000	126200	3394200
2/26/96	358500	172000	375300	300600	333900	412200	326900	199700	229900	369000	165700	282900	85400	150600	77500	147500	3987600
2/27/96	388800	189000	421600	333500	306400	368700	258500	166800	195300	315800	139600	158500	97500	170000	71500	141000	3722500
2/28/96	302100	143500	312000	247900	276700	344600	285000	167200	192000	318000	118900	243300	63000	126100	69400	125500	3335200
2/29/96	402800	193900	421600	334000	373800	464900	381300	225300	259500	433700	160000	320300	87100	170700	91100	170000	4490000
TOTAL	9961500	4874700	10269200	8213600	9060500	10990700	8572700	5349600	6200100	10110300	3185900	7052700	2123700	4120900	2175400	4038400	106299900

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
FEBRUARY 1996

METER READINGS (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5
1/31/96	13905200	29509100	73533600	87683800	20351700	54203300	105048100	91417800	95250400	98941400	7351900	84904200	87062400	66138100	64430300	34849900
2/1/96	14244400	29678700	73887300	87959200	20668000	54593300	105368800	91605400	95471000	99303600	7487600	85164800	87119600	66276400	64506700	34985500
2/2/96	14590800	29851200	74251500	88242000	20993600	54994100	105692500	91798200	95698100	99668300	7623000	85427900	87178700	66417100	64580900	35123300
2/3/96	14897800	30004200	74571600	88491200	21279900	55346800	105978100	91967700	95897700	99992500	7748500	85660200	87232700	66542600	64646000	35246500
2/4/96	15273400	30190600	74964600	88796700	21631300	55779100	106326600	92175600	96142700	100388600	7890700	85945500	87301100	66695900	64727800	35396700
2/5/96	15601100	30352900	75307900	89062900	21938700	56157000	106630900	92356900	96357200	100736200	8008600	86194200	87362700	66829200	64799000	35527400
2/6/96	15877000	30487000	75591000	89293700	22200400	56460200	106898200	92501900	96525300	101022100	8113200	86295100	87412400	66930000	64858700	35635300
2/7/96	16129600	30614900	75818100	89501900	22411600	56699500	106898400	92617600	96662000	101246400	8141200	86295100	87467200	67029600	64912200	35738400
2/8/96	16467500	30782900	76162900	89778600	22712800	57066800	107204000	92796800	96867200	101589500	8141200	86533300	87512100	67168100	64988700	35874400
2/9/96	16861300	30980400	76590200	90122300	23067200	57501600	107561700	93001400	97102100	101984900	6808600	86753600	87600600	67335500	65079500	36038400
2/10/96	17178200	31137600	76892200	90363900	23343000	57826300	107848600	93163800	97290200	102289800	6808600	86973000	87664800	67461800	65148700	36163100
2/11/96	17522900	31308500	77244200	90645700	23652600	58187700	108165400	93346700	97504100	102634200	6808600	87233000	87741300	67609300	65228500	36308400
2/12/96	17920000	31505000	77652800	90973100	24016900	58611000	108508700	93560000	97753500	103042800	6808600	87529600	87826800	67769800	65312300	36466400
2/13/96	18249400	31667500	77988300	91241800	24313600	58951100	108776400	93733500	97957200	103366100	6808600	87780100	87899700	67904700	65382900	36599200
2/14/96	18600800	31840600	78349200	91531500	24634100	59320400	109065800	93923400	98177200	103725000	31979100	88045400	87977800	68050400	65460300	36742700
2/15/96	18947400	32011700	78704400	91817500	24950200	59685100	109352400	94111500	98394200	104080900	32135700	88303600	88055500	68195400	65536800	36885200
2/16/96	19294800	32181000	79063200	92104400	25268900	60081000	109678300	94302600	98613100	104433600	32287100	88570200	88132500	68340700	65614200	37027900
2/17/96	19722300	32389600	79501800	92456600	25658900	60563300	110046500	94535700	98881000	104862300	32467500	88895700	88229100	68519200	65705500	37203500
2/18/96	20077600	32562400	79866900	92749800	25983700	60964100	110321700	94729300	99104000	105225900	32616400	89163500	88311200	68667500	65781500	37349200
2/19/96	20388800	32713300	80187100	93007000	26268300	61314900	110568200	94899200	99299500	105547800	32752300	89398400	88383200	68797100	65849000	37476700
2/20/96	20691800	32859700	80498800	93257200	26545000	61657000	110820100	95064800	99489900	105860500	32891600	89627600	88453300	68923400	65912800	37601100
2/21/96	21096900	33054500	80916000	93592100	26916800	62116000	111188600	95287000	99745100	106271000	33075500	89937800	88546300	69092000	66002700	37766400
2/22/96	21370600	33186300	81196200	93817600	27165400	62423100	111434500	95436000	99916000	106550000	33198700	90146300	88609700	69206500	66064700	37878400
2/23/96	21759600	33372500	81597100	94139400	27526400	62858900	111784400	95649100	100159000	106946900	33375100	90446000	88700200	69368600	66151400	38037000
2/24/96	22103700	33538100	81952800	94425900	27849000	63246300	112095400	95840600	100375000	107299700	33530600	90712400	88779400	69512600	66229200	38178100
2/25/96	22414500	33685400	82272300	94681400	28121400	63603600	112369100	96008400	100573800	107615200	33670800	90951900	88853100	69641600	66296200	38304300
2/26/96	22773000	33857400	82647600	94982000	28455300	64015800	112696000	96208100	100803700	107984200	33836500	91234800	88938500	69792200	66373700	38451800
2/27/96	23161800	34046400	83069200	95315500	28761700	64384500	112954500	96374900	100999000	108300000	33976100	91393300	89036000	69962200	66445200	38592800
2/28/96	23463900	34189900	83381200	95563400	29038400	64729100	113239500	96542100	101191000	108618000	34095000	91636600	89099000	70088300	66514600	38718300
2/29/96	23866700	34383800	83802800	95897400	29412200	65194000	113620800	96767400	101450500	109051700	34255000	91956900	89186100	70259000	66605700	38888300

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
MARCH 1996

	METER READINGS (GALLONS)						VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)											
DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6	METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
2/29/96	560637000	88459000	647853000	166718000	2702016000	2516450000	-	-	-	-	-	-	-	-	-	-	-	-
3/1/96	562586000	90246000	649313000	168782000	2702016000	2518089000	1949000	1787000	3736000	2707	1460000	2064000	3524000	2554	0	1639000	1639000	1188
3/2/96	564200000	91730000	650536000	170475000	2702016000	2519448000	1614000	1484000	3098000	2718	1223000	1693000	2916000	2558	0	1359000	1359000	1192
3/3/96	566430000	93770000	652212000	172830000	2702016000	2521321000	2230000	2040000	4270000	2686	1676000	2355000	4031000	2535	0	1873000	1873000	1178
3/4/96	568627000	95780000	653874000	175142000	2702016000	2523164000	2197000	2010000	4207000	2697	1662000	2312000	3974000	2547	0	1843000	1843000	1181
3/5/96	570859000	97815000	655550000	177494000	2702016000	2525035000	2232000	2035000	4267000	2684	1676000	2352000	4028000	2533	0	1871000	1871000	1177
3/6/96	572325000	99149000	656656000	179039000	2702016000	2526264000	1466000	1334000	2800000	2667	1106000	1545000	2651000	2525	0	1229000	1229000	1170
3/7/96	574439000	101062000	658232000	181262000	2702016000	2528029000	2114000	1913000	4027000	2685	1576000	2223000	3799000	2533	0	1765000	1765000	1177
3/8/96	576421000	102848000	659713000	183348000	2702016000	2529682000	1982000	1786000	3768000	2672	1481000	2086000	3567000	2530	0	1653000	1653000	1172
3/9/96	578742000	104939000	661447000	185774000	2702016000	2531618000	2321000	2091000	4412000	2674	1734000	2426000	4160000	2521	0	1936000	1936000	1173
3/10/96	580408000	106432000	662686000	187531000	2702016000	2533002000	1666000	1493000	3159000	2771	1239000	1757000	2996000	2628	0	1384000	1384000	1214
3/11/96	582857000	108634000	664502000	190116000	2702016000	2535044000	2449000	2202000	4651000	2584	1816000	2585000	4401000	2445	0	2042000	2042000	1134
3/12/96	584744000	110328000	665922000	192081000	2702016000	2536615000	1887000	1694000	3581000	2653	1420000	1965000	3385000	2507	0	1571000	1571000	1164
3/13/96	586949000	112309000	667574000	194386000	2702016000	2538451000	2205000	1981000	4186000	2683	1652000	2305000	3957000	2537	0	1836000	1836000	1177
3/14/96	588796000	113962000	668953000	196316000	2702016000	2539985000	1847000	1653000	3500000	2652	1379000	1930000	3309000	2507	0	1534000	1534000	1162
3/15/96	590889000	115826000	670517000	198495000	2702016000	2541721000	2093000	1864000	3957000	2638	1564000	2179000	3743000	2495	0	1736000	1736000	1157
3/16/96	592875000	117611000	672009000	200572000	2702016000	2543372000	1986000	1785000	3771000	2674	1492000	2077000	3569000	2531	0	1651000	1651000	1171
3/17/96	594600000	119147000	673301000	202361000	2702016000	2544802000	1725000	1536000	3261000	2651	1292000	1789000	3081000	2505	0	1430000	1430000	1163
3/18/96	596990000	121268000	675083000	204846000	2702016000	2546779000	2390000	2121000	4511000	2638	1782000	2485000	4267000	2495	0	1977000	1977000	1156
3/19/96	598597000	122690000	676259000	206527000	2702016000	2548106000	1607000	1422000	3029000	2657	1176000	1681000	2857000	2506	0	1327000	1327000	1164
3/20/96	601077000	124887000	678099000	209114000	2702016000	2550156000	2480000	2197000	4677000	2642	1840000	2587000	4427000	2501	0	2050000	2050000	1158
3/21/96	602681000	126292000	679270000	210791000	2702017000	2551475000	1604000	1405000	3009000	2639	1171000	1677000	2848000	2498	1000	1319000	1320000	1158
3/22/96	604479000	127850000	680580000	212651000	2702017000	2552946000	1798000	1558000	3356000	2602	1310000	1860000	3170000	2457	0	1471000	1471000	1140
3/23/96	606504000	129800000	681930000	215051000	2702017000	2554671000	2025000	1950000	3975000	2650	1350000	2400000	3750000	2500	0	1725000	1725000	1150
3/24/96	608701000	131554000	683679000	217047000	2702017000	2556421000	2197000	1754000	3951000	2634	1749000	1996000	3745000	2497	0	1750000	1750000	1167
3/25/96	610726000	133504000	685029000	219447000	2702017000	2558146000	2025000	1950000	3975000	2650	1350000	2400000	3750000	2500	0	1725000	1725000	1150
3/26/96	613262000	135578000	687006000	221848000	2702017000	2560180000	2536000	2074000	4610000	2605	1977000	2401000	4378000	2473	0	2034000	2034000	1149
3/27/96	615430000	137493000	688607000	224106000	2702017000	2561970000	2168000	1915000	4083000	2669	1601000	2258000	3859000	2522	0	1790000	1790000	1170
3/28/96	616744000	138645000	689559000	225489000	2702017000	2563052000	1314000	1152000	2466000	2569	952000	1383000	2335000	2432	0	1082000	1082000	1127
3/29/96	619238000	140841000	691373000	228123000	2702017000	2565107000	2494000	2196000	4690000	2650	1814000	2634000	4448000	2513	0	2055000	2055000	1161
3/30/96	621016000	142390000	692657000	229985000	2702017000	2566565000	1778000	1549000	3327000	2609	1284000	1862000	3146000	2467	0	1458000	1458000	1144
3/31/96	623054000	144157000	694116000	232128000	2702017000	2568233000	2038000	1767000	3805000	2621	1459000	2143000	3602000	2481	0	1668000	1668000	1149
TOTALS	62417000	55698000	46263000	65410000	1000	51783000	62417000	55698000	118115000	2655	46263000	65410000	111673000	2510	1000	51783000	51784000	1164

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
MARCH 1996

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
3/1/96	333200	156700	341200	270400	302100	375200	306900	182300	210000	351200	130200	254900	71700	138100	74200	137700	3636000
3/2/96	275900	130100	282400	224400	251000	311200	253000	151300	174600	296700	108700	211200	60100	114400	60100	114100	3019200
3/3/96	380400	178200	389900	308500	345100	428200	343700	211500	240200	402700	148600	291600	84300	159000	84300	159000	4155200
3/4/96	380400	177300	391500	309300	348500	431800	345900	204800	242700	407800	151400	292300	85100	155100	82600	154100	4160600
3/5/96	382300	178400	391800	309600	347500	429900	344700	208100	242000	402700	150400	288600	86800	158200	81100	157900	4160000
3/6/96	253000	117800	259900	204800	231000	285800	229500	138200	161200	270700	95900	192800	56700	104300	52400	103900	2757900
3/7/96	363800	168500	372300	293400	330400	407800	324000	197000	230300	379800	136500	273900	79700	149700	76100	149400	3932600
3/8/96	342400	158300	349900	275800	310400	382900	302700	184900	216600	354500	131800	258300	73000	140700	72600	140300	3695100
3/9/96	410100	188800	412300	324700	361500	443900	346200	216200	251800	410300	159800	296900	84800	168300	87700	167800	4331100
3/10/96	270900	105000	278800	220300	248200	303200	236400	147300	173200	282100	99300	207100	56300	113400	60500	113100	2915100
3/11/96	433600	219100	449400	352800	403000	494400	395200	238900	282000	473600	175100	341200	85200	175300	92100	175100	4786000
3/12/96	325800	150000	334000	262800	296800	362800	287800	176200	207300	339100	106800	247800	64700	134100	67600	133700	3497300
3/13/96	382800	175100	392900	309400	349600	432600	337000	207800	244200	412400	143200	292400	74800	156100	80600	156100	4147000
3/14/96	318200	146000	326400	256500	289300	357800	277200	171600	202100	333000	120500	241900	62900	130900	66400	130700	3431400
3/15/96	360900	165800	370000	290300	327900	403200	315100	194500	229400	384200	130800	283800	72300	148300	76500	148200	3901200
3/16/96	345000	157400	356400	279700	316400	390300	291300	188100	220800	369200	129700	255500	69000	140500	71500	140600	3721400
3/17/96	294200	135100	300100	235200	265500	325700	251700	157500	185800	307600	106300	222500	61000	122200	62700	122200	3155300
3/18/96	412100	188300	425400	332800	377600	462300	356400	223600	264000	425300	154100	316800	85200	169300	74100	170000	4437300
3/19/96	277600	126900	286100	223800	253600	310500	236700	150200	177200	286400	103300	212600	55000	113800	57200	113300	2984200
3/20/96	424900	195100	441800	345500	391500	478800	364700	231600	273800	450400	157000	328600	84700	175100	88000	175500	4607000
3/21/96	276100	127000	282300	220400	250800	306300	219100	148200	175400	281300	101800	211000	56500	113600	59600	113800	2943200
3/22/96	309600	142900	319800	249600	283400	345500	216600	166900	198300	320900	115200	238400	63800	127800	61800	128100	3288600
3/23/96	360000	165000	372000	292500	330000	403500	285000	195000	231000	373500	135000	277500	75000	150000	76500	150000	3871500
3/24/96	364800	167600	372000	292500	330000	403500	285000	195000	231000	373500	128400	277500	75000	150000	76500	150000	3872300
3/25/96	360000	165000	372000	292500	330000	403500	285000	195000	231000	373500	135000	277500	75000	150000	76500	150000	3871500
3/26/96	426500	193000	437200	345200	389400	477900	338000	231800	270800	442500	159300	325700	86300	172000	93400	172100	4561100
3/27/96	380400	173600	398800	302500	350200	435300	355600	211800	247400	430200	126500	309600	76600	152700	76000	153500	4180700
3/28/96	212000	97400	233200	183100	207300	250700	178100	115500	145100	226200	82000	165100	46200	92600	47400	93100	2375000
3/29/96	427800	194200	446700	348100	395700	484800	358800	233600	277100	452500	157400	334200	88700	176400	90900	177300	4644200
3/30/96	304500	138500	321500	250300	285100	348800	231100	167900	199700	331700	111600	241300	64300	125800	62900	126700	3311700
3/31/96	348900	158400	361300	280700	320700	391900	255900	188400	224600	371000	128300	271200	73500	144100	72300	144900	3736100
TOTAL	10738100	4940500	11069300	8687400	9819500	12070000	9154300	5830700	6860600	11316500	4019900	8239700	2234200	4421800	2262100	4422200	116086800

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
MARCH 1996

METER READINGS (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5
2/29/96	23866700	34383800	83802800	95897400	29412200	65194000	13620800	96767400	1450500	9051700	34255000	91956900	89186100	70259000	66605700	38888300
3/1/96	24199900	34540500	84144000	96167800	29714300	65569200	13927700	96949700	1660500	9402900	34385200	92211800	89257800	70397100	66679900	39026000
3/2/96	24475800	34670600	84426400	96392200	29965300	65880400	14180700	97101000	1835100	9699600	34493900	92423000	89317900	70511500	66740000	39140100
3/3/96	24856200	34848800	84816300	96700700	30310400	66308600	14524400	97312500	2075300	10102300	34642500	92714600	89402200	70670500	66824300	39299100
3/4/96	25236600	35026100	85207800	97010000	30658900	66740400	14870300	97517300	2318000	10510100	34793900	93006900	89487300	70825600	66906900	39453200
3/5/96	25618900	35204500	85599600	97319600	31006400	67170300	15215000	97725400	2560000	10912800	34944300	93295500	89574100	70983800	66988000	39611100
3/6/96	25871900	35322300	85859500	97524400	31237400	67456100	15444500	97863600	2721200	11183500	35040200	93488300	89630800	71088100	67040400	39715000
3/7/96	26235700	35490800	86231800	97817800	31567800	67863900	15768500	98060600	2951500	11563300	35176700	93762200	89710500	71237800	67116500	39864400
3/8/96	26578100	35649100	86581700	98093600	31878200	68246800	16071200	98245500	3168100	11917800	35308500	94020500	89783500	71378500	67189100	40004700
3/9/96	26988200	35837900	86994000	98418300	32239700	68690700	16417400	98461700	3419900	12328100	35468300	94317400	89868300	71546800	67276800	40172500
3/10/96	27259100	35942900	87272800	98638600	32487900	68993900	16653800	98609000	3593100	12610200	35567600	94524500	89924600	71660200	67337300	40285600
3/11/96	27692700	36162000	87722200	98991400	32890900	69488300	17049000	98847900	3875100	13083800	35742700	94865700	90009800	71835500	67429400	40460700
3/12/96	28018500	36312000	88056200	99254200	33187700	69851100	17336800	99024100	4082400	13422900	35849500	95113500	90074500	71969600	67497000	40594400
3/13/96	28401300	36487100	88449100	99563600	33537300	70283700	17673800	99231900	4326600	13835300	35992700	95405900	90149300	72125700	67577600	40750500
3/14/96	28719500	36633100	88775500	99820100	33826600	70641500	17951000	99403500	4528700	14168300	36113200	95647800	90212200	72256600	67644000	40881200
3/15/96	29080400	36798900	89145500	100110400	34154500	71044700	18266100	99598000	4758100	14552500	36244000	95931600	90284500	72404900	67720500	41029400
3/16/96	29425400	36956300	89501900	100390100	34470900	71435000	18557400	99786100	4978900	14921700	36373700	96187100	90353500	72545400	67792000	41170000
3/17/96	29719600	37091400	89802000	100625300	34736400	71760700	18809100	99943600	5164700	15229300	36480000	96409600	90414500	72667600	67854700	41292200
3/18/96	30131700	37279700	90227400	100958100	35114000	72223000	19165500	100167200	5428700	15654600	36634100	96726400	90499700	72836900	67928800	41462200
3/19/96	30409300	37406600	90513500	101181900	35367600	72533500	19402200	100317400	5605900	15941000	36737400	96939000	90554700	72950700	67986000	41575500
3/20/96	30834200	37601700	90955300	101527400	35759100	73012300	19766900	100549000	5879700	16391400	36894400	97267600	90639400	73125800	68074000	41751000
3/21/96	31110300	37728700	91237600	101747800	36009900	73318600	19986000	100697200	6055100	16672700	36996200	97478600	90695900	73239400	68133600	41864800
3/22/96	31419900	37871600	91557400	101997400	36293300	73664100	20202600	100864100	6253400	16993600	37111400	97717000	90759700	73367200	68195400	41992900
3/23/96	31779900	38036600	91929400	102289900	36623300	74067600	20487600	101059100	6484400	17367100	37246400	97994500	90834700	73517200	68271900	42142900
3/24/96	32144700	38204200	92301400	102582400	36953300	74471100	20772600	101254100	6715400	17740600	37374800	98272000	90909700	73667200	68348400	42292900
3/25/96	32504700	38369200	92673400	102874900	37283300	74874600	21057600	101449100	6946400	18114100	37509800	98549500	90984700	73817200	68424900	42442900
3/26/96	32931200	38562200	93110600	103220100	37672700	75352500	21395600	101680900	7217200	18556600	37669100	98875200	91071000	73989200	68518300	42615000
3/27/96	33311600	38735800	93509400	103522600	38022900	75787800	21751200	101892700	7464600	18986800	37795600	99184800	91147600	74141900	68594300	42768500
3/28/96	33523600	38833200	93742600	103705700	38230200	76038500	21929300	102008200	7609700	19213000	37877600	99349900	91193800	74234500	68641700	42861600
3/29/96	33951400	39027400	94189300	104053800	38625900	76523300	22288100	102241800	7886800	19665500	38035000	99684100	91282500	74410900	68732600	43038900
3/30/96	34255900	39165900	94510800	104304100	38911000	76872100	22519200	102409700	8086500	19997200	38146600	99925400	91346800	74536700	68795500	43165600
3/31/96	34604800	39324300	94872100	104584800	39231700	77264000	22775100	102598100	8311100	20368200	38274900	100196600	91420300	74680800	68867800	43310500

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
APRIL 1996

	METER READINGS (GALLONS)						VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)											
DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6	METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
3/31/96	623054000	144157000	694116000	232128000	2702017000	2568233000	-	-	-	-	-	-	-	-	-	-	-	-
4/1/96	625156000	145974000	695630000	234330000	2702017000	2569951000	2102000	1817000	3919000	2613	1514000	2202000	3716000	2477	0	1718000	1718000	1145
4/2/96	627217000	147752000	697108000	236487000	2702017000	2571633000	2061000	1778000	3839000	2612	1478000	2157000	3635000	2473	0	1682000	1682000	1144
4/3/96	628896000	149210000	698310000	238252000	2702017000	2573008000	1679000	1458000	3137000	2614	1202000	1765000	2967000	2473	0	1375000	1375000	1146
4/4/96	630622000	150717000	699562000	240065000	2702017000	2574424000	1726000	1507000	3233000	2628	1252000	1813000	3065000	2492	0	1416000	1416000	1151
4/5/96	632895000	152701000	701209000	242453000	2702017000	2576289000	2273000	1984000	4257000	2628	1647000	2388000	4035000	2491	0	1865000	1865000	1151
4/6/96	634908000	154480000	702710000	244537000	2702017000	2577953000	2013000	1779000	3792000	2633	1501000	2084000	3585000	2490	0	1664000	1664000	1156
4/7/96	636887000	156114000	704089000	246584000	2702017000	2579535000	1979000	1634000	3613000	2618	1379000	2047000	3426000	2483	0	1582000	1582000	1146
4/8/96	638867000	157748000	705468000	248631000	2702017000	2581118000	1980000	1634000	3614000	2510	1379000	2047000	3426000	2379	0	1583000	1583000	1099
4/9/96	640869000	159386000	706870000	250670000	2702017000	2582714000	2002000	1638000	3640000	2528	1402000	2039000	3441000	2390	0	1596000	1596000	1108
4/10/96	642882000	161046000	708260000	252674000	2702017000	2584322000	2013000	1660000	3673000	2551	1390000	2004000	3394000	2357	0	1608000	1608000	1117
4/11/96	644898000	162717000	709684000	254828000	2702017000	2585937000	2016000	1671000	3687000	2560	1424000	2154000	3578000	2485	0	1615000	1615000	1122
4/12/96	647505000	164873000	711496000	257530000	2702017000	2588026000	2607000	2156000	4763000	2561	1812000	2702000	4514000	2427	0	2089000	2089000	1123
4/13/96	649018000	166125000	712547000	259089000	2702017000	2589239000	1513000	1252000	2765000	2711	1051000	1559000	2610000	2559	0	1213000	1213000	1189
4/14/96	651071000	167815000	713976000	261440000	2702017000	2590880000	2053000	1690000	3743000	2546	1429000	2351000	3780000	2571	0	1641000	1641000	1116
4/15/96	653299000	169629000	715532000	263496000	2702017000	2592652000	2228000	1814000	4042000	2432	1556000	2056000	3612000	2173	0	1772000	1772000	1066
4/16/96	654964000	170982000	716658000	265230000	2702017000	2593975000	1665000	1353000	3018000	2540	1126000	1734000	2860000	2407	0	1323000	1323000	1114
4/17/96	657565000	173093000	718432000	267919000	2702017000	2596040000	2601000	2111000	4712000	2533	1774000	2689000	4463000	2399	0	2065000	2065000	1110
4/18/96	659491000	174651000	719773000	269883000	2702017000	2597567000	1926000	1558000	3484000	2525	1341000	1964000	3305000	2395	0	1527000	1527000	1107
4/19/96	661417000	176208000	721112000	271845000	2702017000	2599094000	1926000	1557000	3483000	2524	1339000	1962000	3301000	2392	0	1527000	1527000	1107
4/20/96	663346000	177769000	722420000	273843000	2702017000	2600622000	1929000	1561000	3490000	2529	1308000	1998000	3306000	2396	0	1528000	1528000	1107
4/21/96	665447000	179468000	723840000	276024000	2702017000	2602286000	2101000	1699000	3800000	2533	1420000	2181000	3601000	2401	0	1664000	1664000	1109
4/22/96	667568000	181181000	725254000	278217000	2702017000	2603966000	2121000	1713000	3834000	2536	1414000	2193000	3607000	2386	0	1680000	1680000	1111
4/23/96	669027000	182361000	726274000	279715000	2702017000	2605119000	1459000	1180000	2639000	2403	1020000	1498000	2518000	2293	0	1153000	1153000	1050
4/24/96	671584000	184445000	728030000	282355000	2702017000	2607255000	2557000	2084000	4641000	2536	1756000	2640000	4396000	2402	0	2136000	2136000	1167
4/25/96	673575000	186090000	729420000	284408000	2702017000	2608752000	1991000	1645000	3636000	2579	1390000	2053000	3443000	2442	0	1497000	1497000	1062
4/26/96	675095000	187359000	730504000	285970000	2702017000	2609978000	1520000	1269000	2789000	2582	1084000	1562000	2646000	2450	0	1226000	1226000	1135
4/27/96	677111000	189041000	731911000	288059000	2702017000	2611605000	2016000	1682000	3698000	2680	1407000	2089000	3496000	2533	0	1627000	1627000	1179
4/28/96	678995000	190689000	733214000	290009000	2702017000	2613115000	1884000	1648000	3532000	2505	1303000	1950000	3253000	2307	0	1510000	1510000	1071
4/29/96	681166000	192388000	734742000	292243000	2702017000	2614859000	2171000	1699000	3870000	2633	1528000	2234000	3762000	2559	0	1744000	1744000	1186
4/30/96	683553000	194360000	736422000	294696000	2702017000	2616778000	2387000	1972000	4359000	2549	1680000	2453000	4133000	2417	0	1919000	1919000	1122
TOTALS	60499000	50203000	42306000	62568000	0	48545000	60499000	50203000	110702000	2563	42306000	62568000	104874000	2428	0	48545000	48545000	1124

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
APRIL 1996

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
4/1/96	360500	163400	376800	292500	335400	410000	266600	196800	237800	389300	130800	283000	76100	148700	73900	149700	3891300
4/2/96	354000	160000	371800	288500	328200	400200	261100	192700	226700	379300	125600	276400	72300	145700	67000	147000	3796500
4/3/96	284400	129600	298800	232500	265500	322700	212000	156300	186000	315200	105700	224100	58600	118800	16900	119600	3046700
4/4/96	293100	133400	309100	240600	273500	331700	241400	161300	191500	320100	108800	230500	59700	121700	0	122700	3139100
4/5/96	387200	176600	406600	317500	359600	437400	317500	212200	252700	421200	142600	302900	79400	160400	63500	162000	4199300
4/6/96	337300	151800	356700	277200	315500	381700	268500	185900	220400	368900	122800	265500	70100	141100	60300	141000	3664700
4/7/96	338500	154500	359900	276900	205200	384900	236900	186100	224500	346300	143400	269600	76500	141500	60000	142500	3547200
4/8/96	338500	154600	359900	276900	205100	385000	236800	186200	224600	346400	143400	269700	76400	141500	60100	142500	3547600
4/9/96	339700	156400	364100	279900	194600	388400	237700	187900	227000	349200	145800	272100	58800	142800	60600	143900	3548900
4/10/96	340700	156500	364800	281000	209100	390900	239100	189100	228300	356200	146200	273400	99700	143600	61300	144900	3624800
4/11/96	340900	156000	367000	282800	222400	390700	239300	188700	228200	352000	146200	273700	79700	143700	60800	144900	3617000
4/12/96	439700	200800	472200	363800	298600	505000	308900	243600	295000	450200	188400	353600	103600	185800	78600	187600	4675400
4/13/96	246500	112200	260100	200200	163200	268300	161100	132100	157400	239600	105300	185100	60200	106400	45200	107100	2550000
4/14/96	345000	157300	373300	287300	230800	398300	243500	192700	233100	355400	148100	279700	83700	146500	62400	148000	3685100
4/15/96	381300	173900	420300	322700	234500	451100	278800	218000	266200	412700	164700	323100	94200	161000	68400	167900	4138800
4/16/96	276300	125700	303900	233100	170900	321000	196700	156000	190000	290400	120700	228300	69800	119000	49900	115000	2966700
4/17/96	426000	194600	472700	362500	269800	498100	304600	241900	295100	455500	187000	353900	109600	185700	78400	187800	4623200
4/18/96	314400	143600	352900	270300	202100	371800	227300	180100	220400	336200	139000	264800	80800	137700	57900	139100	3438400
4/19/96	312400	142800	351400	268900	204900	370000	224600	179300	219400	333500	139500	263600	80900	137800	58400	139300	3426700
4/20/96	308600	142400	351700	269100	219700	377000	229600	180000	223600	335600	136500	268800	81300	137700	58500	139600	3459700
4/21/96	334000	153800	384200	294000	236300	398300	242800	195900	236000	359600	151300	284000	88900	150000	62200	152100	3723400
4/22/96	333100	153100	385000	294600	245600	404900	247300	196700	240200	362400	152200	288900	90300	151100	63800	153300	3762500
4/23/96	231000	106300	266500	204700	164800	278900	172300	136200	166100	257400	105200	198700	60700	104000	43100	105400	2601300
4/24/96	427800	199900	460000	367000	281000	463000	317900	238900	286700	451300	198400	424800	81200	181800	78500	183500	4641700
4/25/96	332400	155700	358100	285600	223100	367200	251900	186200	223300	354600	155600	154400	71700	141500	60800	143000	3465100
4/26/96	252700	118500	273000	217200	179600	295700	192900	142000	170700	270400	118900	193400	58600	107800	46800	105800	2744000
4/27/96	326600	153100	348900	277600	228400	368500	237500	179800	213500	334700	154100	239500	76200	141200	60900	145800	3486300
4/28/96	324100	152400	352600	280500	228800	377700	229300	172000	219900	335600	153300	256900	75400	139000	59600	140600	3497700
4/29/96	357300	168700	395000	314100	250800	428900	294100	217700	249900	396800	169400	282400	81300	150400	64300	152000	3973100
4/30/96	386000	182500	423500	336700	265800	453100	308600	220100	264000	412200	183600	298000	91800	169200	72200	171200	4238500
TOTAL	10070000	4630100	10940800	8496200	7212800	11620400	7426600	5652400	6818200	10688200	4332500	8082800	2347500	4303100	1754300	4344800	108720700

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
APRIL 1996

METER READINGS (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5
3/31/96	34604800	39324300	94872100	4584800	39231700	77264000	22775100	2598100	8311100	20368200	38274900	196600	91420300	74680800	68867800	43310500
4/1/96	34965300	39487700	95248900	4877300	39567100	77674000	23041700	2794900	8548900	20757500	38405700	479600	91496400	74829500	68941700	43460200
4/2/96	35319300	39647700	95620700	5165800	39895300	78074200	23302800	2987600	8775600	21136800	38531300	756000	91568700	74975200	69008700	43607200
4/3/96	35603700	39777300	95919500	5398300	40160800	78396900	23514800	3143900	8961600	21452000	38637000	980100	91627300	75094000	69025600	43726800
4/4/96	35896800	39910700	96228600	5638900	40434300	78728600	23756200	3305200	9153100	21772100	38745800	1210600	91687000	75215700	69025600	43849500
4/5/96	36284000	40087300	96635200	5956400	40793900	79166000	24073700	3517400	9405800	22193300	38888400	1513500	91766400	75376100	69089100	44011500
4/6/96	36621300	40239100	96991900	6233600	41109400	79547700	24342200	3703300	9626200	22562200	39011200	1779000	91836500	75517200	69149400	44152500
4/7/96	36959800	40393600	97351800	6510500	41314600	79932600	24579100	3889400	9850700	22908500	39154600	2048600	91913000	75658700	69209400	44295000
4/8/96	37298300	40548200	97711700	6787400	41519700	80317600	24815900	4075600	10075300	23254900	39298000	2318300	91989400	75800200	69269500	44437500
4/9/96	37638000	40704600	98075800	7067300	41714300	80706000	25053600	4263500	10302300	23604100	39443800	2590400	92048200	75943000	69330100	44581400
4/10/96	37978700	40861100	98440600	7348300	41923400	81096900	25292700	4452600	10530600	23960300	39590000	2863800	92147900	76086600	69391400	44726300
4/11/96	38319600	41017100	98807600	7631100	42145800	81487600	25532000	4641300	10758800	24312300	39736200	3137500	92227600	76230300	69452200	44871200
4/12/96	38759300	41217900	99279800	7994900	42444400	81992600	25840900	4884900	11053800	24762500	39924600	3491100	92331200	76416100	69530800	45058800
4/13/96	39005800	41330100	99539900	8195100	42607600	82260900	26002000	5017000	11211200	25002100	40029900	3676200	92391400	76522500	69576000	45165900
4/14/96	39350800	41487400	99913200	8482400	42838400	82659200	26245500	5209700	11444300	25357500	40178000	3955900	92475100	76669000	69638400	45313900
4/15/96	39732100	41661300	100333500	8805100	43072900	83110300	26524300	5427700	11710500	25770200	40342700	4279000	92569300	76830000	69706800	45481800
4/16/96	40008400	41787000	100637400	9038200	43243800	83431300	26721000	5583700	11900500	26060600	40463400	4507300	92639100	76949000	69756700	45596800
4/17/96	40434400	41981600	101110100	9400700	43513600	83929400	27025600	5825600	12195600	26516100	40650400	4861200	92748700	77134700	69835100	45784600
4/18/96	40748800	42125200	101463000	9671000	43715700	84301200	27252900	6005700	12416000	26852300	40789400	5126000	92829500	77272400	69893000	45923700
4/19/96	41061200	42268000	101814400	9939900	43920600	84671200	27477500	6185000	12635400	27185800	40928900	5389600	92910400	77410200	69951400	46063000
4/20/96	41369800	42410400	102166100	10209000	44140300	85048200	27707100	6365000	12859000	27521400	41065400	5658400	92991700	77547900	70009900	46202600
4/21/96	41703800	42564200	102550300	10503000	44376600	85446500	27949900	6560900	13095000	27881000	41216700	5942400	93080600	77697900	70072100	46354700
4/22/96	42036900	42717300	102935300	10797600	44622200	85851400	28197200	6757600	13335200	28243400	41368900	6231300	93170900	77849000	70135900	46508000
4/23/96	42267900	42823600	103201800	11002300	44787000	86130300	28369500	6893800	13501300	28500800	41474100	6430000	93231600	77953000	70179000	46613400
4/24/96	42695700	43023500	103661800	11369300	45068000	86593300	28687400	7132700	13788000	28952100	41672500	6854800	93312800	78134800	70257500	46796900
4/25/96	43028100	43179200	104019900	11654900	45291100	86960500	28939300	7318900	14011300	29306700	41828100	7009200	93384500	78276300	70318300	46939900
4/26/96	43280800	43297700	104292900	11872100	45470700	87256200	29132200	7460900	14182000	29577100	41947000	7202600	93443100	78384100	70365100	47045700
4/27/96	43607400	43450800	104641800	12149700	45699100	87624700	29369700	7640700	14395500	29911800	42101100	7442100	93519300	78525300	70426000	47191500
4/28/96	43931500	43603200	104994400	12430200	45927900	88002400	29599000	7812700	14615400	30247400	42254400	7699000	93594700	78664300	70485600	47332100
4/29/96	44288800	43771900	105389400	12744300	46178700	88431300	29893100	8030400	14865300	30644200	42423800	7981400	93676000	78814700	70549900	47484100
4/30/96	44674800	43954400	105812900	13081000	46444500	88884400	30201700	8250500	15129300	31056400	42607400	8279400	93767800	78983900	70622100	47655300

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
MAY 1996

	METER READINGS (GALLONS)						VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)											
DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6	METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
4/30/96	683553000	194360000	736422000	294696000	2702017000	2616778000	-	-	-	-	-	-	-	-	-	-	-	-
5/1/96	685150000	195666000	737519000	296347000	2702017000	2618057000	1597000	1306000	2903000	2546	1097000	1651000	2748000	2411	0	1279000	1279000	1122
5/2/96	687214000	197365000	738957000	298477000	2702017000	2619713000	2064000	1699000	3763000	2560	1438000	2130000	3568000	2427	0	1656000	1656000	1127
5/3/96	689812000	199511000	740766000	301168000	2702017000	2621800000	2598000	2146000	4744000	2551	1809000	2691000	4500000	2419	0	2087000	2087000	1122
5/4/96	691800000	201139000	742170000	303194000	2702017000	2623393000	1988000	1628000	3616000	2565	1404000	2026000	3430000	2433	0	1593000	1593000	1130
5/5/96	693456000	202478000	743297000	304905000	2702017000	2624711000	1656000	1339000	2995000	2534	1127000	1711000	2838000	2401	0	1318000	1318000	1115
5/6/96	695814000	204382000	744916000	307323000	2702017000	2626588000	2358000	1904000	4262000	2510	1619000	2418000	4037000	2378	0	1877000	1877000	1105
5/7/96	697189000	205491000	745868000	308729000	2702017000	2627682000	1375000	1109000	2484000	2509	952000	1406000	2358000	2382	0	1094000	1094000	1105
5/8/96	699262000	207160000	747282000	310862000	2702017000	2629332000	2073000	1669000	3742000	2546	1414000	2133000	3547000	2413	0	1650000	1650000	1122
5/9/96	701850000	209241000	749066000	313505000	2702017000	2631390000	2588000	2081000	4669000	2510	1784000	2643000	4427000	2380	0	2058000	2058000	1106
5/10/96	703281000	210371000	750051000	314949000	2702017000	2632519000	1431000	1130000	2561000	2511	985000	1444000	2429000	2381	0	1129000	1129000	1107
5/11/96	705235000	211904000	751390000	316914000	2702017000	2634055000	1954000	1533000	3487000	2473	1339000	1965000	3304000	2343	0	1536000	1536000	1089
5/12/96	707156000	213391000	752534000	319004000	2702017000	2635558000	1921000	1487000	3408000	2470	1144000	2090000	3234000	2343	0	1503000	1503000	1089
5/13/96	709306000	215029000	753782000	321359000	2702017000	2637226000	2150000	1638000	3788000	2476	1248000	2355000	3603000	2355	0	1668000	1668000	1090
5/14/96	711875000	217050000	755340000	324154000	2702017000	2639249000	2569000	2021000	4590000	2492	1558000	2795000	4353000	2363	0	2023000	2023000	1098
5/15/96	713323000	218200000	756233000	325732000	2702017000	2640394000	1448000	1150000	2598000	2503	893000	1578000	2471000	2381	0	1145000	1145000	1103
5/16/96	715710000	220070000	757675000	328334000	2702017000	2642270000	2387000	1870000	4257000	2489	1442000	2602000	4044000	2365	0	1876000	1876000	1097
5/17/96	717129000	221185000	758537000	329876000	2702017000	2643386000	1419000	1115000	2534000	2484	862000	1542000	2404000	2357	0	1116000	1116000	1094
5/18/96	719412000	222971000	759918000	332356000	2702017000	2645177000	2283000	1786000	4069000	2559	1381000	2480000	3861000	2428	0	1791000	1791000	1126
5/19/96	721395000	224568000	761166000	334511000	2702017000	2646756000	1983000	1597000	3580000	2539	1248000	2155000	3403000	2413	0	1579000	1579000	1120
5/20/96	723396000	226196000	762437000	336684000	2702017000	2648354000	2001000	1628000	3629000	2419	1271000	2173000	3444000	2296	0	1598000	1598000	1065
5/21/96	725317000	227736000	763644000	338771000	2702017000	2649880000	1921000	1540000	3461000	2508	1207000	2087000	3294000	2387	0	1526000	1526000	1106
5/22/96	727061000	229121000	764716000	340669000	2702017000	2651165000	1744000	1385000	3129000	2483	1072000	1898000	2970000	2357	0	1285000	1285000	1020
5/23/96	729398000	231000000	766179000	343213000	2702017000	2653116000	2337000	1879000	4216000	2510	1463000	2544000	4007000	2385	0	1951000	1951000	1161
5/24/96	731701000	232881000	767644000	345721000	2702017000	2654960000	2303000	1881000	4184000	2536	1465000	2508000	3973000	2408	0	1844000	1844000	1118
5/25/96	733312000	234189000	768672000	347471000	2702017000	2656248000	1611000	1308000	2919000	2495	1028000	1750000	2778000	2374	0	1288000	1288000	1101
5/26/96	735377000	235849000	769959000	349717000	2702017000	2657888000	2065000	1660000	3725000	2534	1287000	2246000	3533000	2403	0	1640000	1640000	1116
5/27/96	737400000	237475000	771220000	351917000	2702017000	2659494000	2023000	1626000	3649000	2534	1261000	2200000	3461000	2403	0	1606000	1606000	1115
5/28/96	739726000	239295000	772627000	354462000	2702017000	2661322000	2326000	1820000	4146000	2468	1407000	2545000	3952000	2352	0	1828000	1828000	1088
5/29/96	742055000	241146000	774058000	357003000	2702017000	2663164000	2329000	1851000	4180000	2488	1431000	2541000	3972000	2364	0	1842000	1842000	1096
5/30/96	743777000	242542000	775148000	358874000	2702017000	2664537000	1722000	1396000	3118000	2535	1090000	1871000	2961000	2407	0	1373000	1373000	1116
5/31/96	745480000	243922000	776226000	360724000	2702017000	2665897000	1703000	1380000	3083000	2507	1078000	1850000	2928000	2380	0	1360000	1360000	1106
TOTALS	61927000	49562000	39804000	66028000	0	49119000	61927000	49562000	111489000	2511	39804000	66028000	105832000	2384	0	49119000	49119000	1106

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
MAY 1996

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
5/1/96	260900	123800	286300	228200	178000	303800	206000	147900	178400	278300	124800	194700	61700	113500	48400	114900	2849600
5/2/96	338100	159600	374900	297300	235800	401000	271700	194200	234400	364400	164100	260400	78800	146800	62100	148400	3732000
5/3/96	420200	199800	468100	371900	294000	499200	336700	233000	292100	452800	205200	336000	96900	184500	78800	186700	4655900
5/4/96	319000	152800	356900	283700	220900	380100	255300	195100	222700	341100	156700	252800	76700	141100	58900	143200	3557000
5/5/96	271600	128200	301600	240900	175500	317800	212500	156300	188900	289500	129400	212900	63800	118600	50000	107100	2964600
5/6/96	387500	179300	428100	343500	220700	446600	293600	218200	264900	420300	180500	297200	91600	168700	71900	162600	4175200
5/7/96	223200	105100	247400	199500	129500	247000	174400	126500	153400	238600	104800	175900	53400	98400	42100	97800	2417000
5/8/96	336400	158300	379300	303900	198500	375000	269100	194000	236100	379100	161100	267500	80200	148700	63600	148700	3699500
5/9/96	412100	197400	470700	378000	248900	470100	324400	240900	292000	462400	200100	332500	99900	185800	79600	186500	4581300
5/10/96	225000	109500	261600	210200	138200	268900	157300	133500	162300	237600	110100	195200	56800	102900	44000	103700	2516800
5/11/96	303700	150300	356900	287600	190700	354400	209800	182000	221500	325200	150200	264100	77800	140900	60300	142400	3417800
5/12/96	296300	147500	353000	284000	189000	348500	170700	179300	219300	344300	150300	252700	78500	138900	59400	140500	3352200
5/13/96	328700	164900	397800	319400	212400	387800	190800	201900	247600	390700	169200	276800	93500	156100	66600	157600	3761800
5/14/96	382900	195700	470200	377900	333300	463200	225400	239700	291900	462400	201100	328200	109300	185200	79300	187300	4533000
5/15/96	210600	109800	265000	212900	207400	260800	136300	135500	164500	247800	112900	191500	60300	104000	44400	105300	2569000
5/16/96	353500	181300	378100	351900	340800	439700	253200	225900	275200	405700	190200	328700	100200	171700	73400	173700	4243200
5/17/96	212800	108700	218100	211300	209000	256200	141600	131300	159700	240600	115300	183300	61200	103000	43800	103800	2499700
5/18/96	329200	168000	337000	323100	319600	389100	205900	201000	243500	367500	179000	270100	94200	162100	69500	164800	3823600
5/19/96	319400	146000	306600	288900	280700	401800	212100	185000	224000	338800	157500	276400	60600	142000	60900	144000	3544700
5/20/96	332900	151500	327500	303100	306800	417100	232400	195200	237400	364400	163900	271900	59800	143300	61600	146400	3715200
5/21/96	314300	141700	304300	282200	278100	380200	198700	179900	218300	333800	154000	251500	58800	138500	59300	140600	3434200
5/22/96	284200	128300	275100	256800	237900	346000	185300	163100	198900	294600	139300	225600	53200	125200	53600	127500	3094600
5/23/96	378700	170600	367600	342200	330000	460600	255900	218400	264300	408200	188100	302200	72800	167200	71600	170300	4168700
5/24/96	369200	166900	363900	335800	329300	452600	275900	214100	259400	419000	184500	295600	69600	164000	70600	167000	4137400
5/25/96	257400	116600	253300	235300	226400	317700	192200	150700	182200	295700	129600	207100	49300	114800	48600	116900	2893800
5/26/96	329000	149000	324900	302400	289500	406300	215600	192500	233400	380300	166100	265400	64700	147300	62900	150300	3679600
5/27/96	322600	145400	318200	296600	283700	397400	211700	188600	229000	373000	162700	260600	63400	144000	61900	146900	3605700
5/28/96	373300	167800	369600	344300	329500	445200	224900	218500	267600	410700	189200	291100	75300	167300	70800	170800	4115900
5/29/96	365000	166700	365400	340900	332600	477800	235700	215700	263700	417900	186700	296200	69800	166000	70700	169400	4140200
5/30/96	269300	123300	269900	252700	241000	339600	191300	161500	195200	313300	138200	229500	24700	122500	52000	124900	3048900
5/31/96	266900	123400	267900	250800	240100	336500	191600	160100	193700	306800	137200	225400	0	121900	51800	124500	2998600
TOTAL	9793900	4637200	10465200	9057200	7747800	11788000	6858000	5779500	7015500	10904800	4902000	8019000	2156800	4434900	1892400	4474500	109926700

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
MAY 1996

METER READINGS (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5
4/30/96	44674800	43954400	5812900	13081000	46444500	88884400	30201700	8250500	15129300	31056400	42607400	8279400	93767800	78983900	70622100	47655300
5/1/96	44935700	44078200	6099200	13309200	46622500	89188200	30407700	8398400	15307700	31334700	42732200	8474100	93829500	79097400	70670500	47770200
5/2/96	45273800	44237800	6474100	13606500	46858300	89589200	30679400	8592600	15542100	31699100	42896300	8734500	93908300	79244200	70732600	47918600
5/3/96	45694000	44437600	6942200	13978400	47152300	90088400	31016100	8825600	15834200	32151900	43101500	9070500	94005200	79428700	70811400	48105300
5/4/96	46013000	44590400	7299100	14262100	47373200	90468500	31271400	9020700	16056900	32493000	43258200	9323300	94081900	79569800	70870300	48248500
5/5/96	46284600	44718600	7600700	14503000	47548700	90786300	31483900	9177000	16245800	32782500	43387600	9536200	94145700	79688400	70920300	48355600
5/6/96	46672100	44897900	8028800	14846500	47769400	91232900	31777500	9395200	16510700	33202800	43568100	9833400	94237300	79857100	70992200	48518200
5/7/96	46895300	45003000	8276200	15046000	47898900	91479900	31951900	9521700	16664100	33441400	43672900	10009300	94290700	79955500	71034300	48616000
5/8/96	47231700	45161300	8655500	15349900	48097400	91854900	32221000	9715700	16900200	33820500	43834000	10276800	94370900	80104200	71097900	48764700
5/9/96	47643800	45358700	9126200	15727900	48346300	92325000	32545400	9956600	17192200	34282900	44034100	10609300	94470800	80290000	71177500	48951200
5/10/96	47868800	45468200	9387800	15938100	48484500	92593900	32702700	10090100	17354500	34520500	44144200	10804500	94527600	80392900	71221500	49054900
5/11/96	48172500	45618500	9744700	16225700	48675200	92948300	32912500	10272100	17576000	34845700	44294400	11068600	94605400	80533800	71281800	49197300
5/12/96	48468800	45766000	10097700	16509700	48864200	93296800	33083200	10451400	17795300	35190000	44444700	11321300	94683900	80672700	71341200	49337800
5/13/96	48797500	45930900	10495500	16829100	49076600	93684600	33274000	10653300	18042900	35580700	44613900	11598100	94777400	80828800	71407800	49495400
5/14/96	49180400	46126600	10965700	17207000	49409900	94147800	33499400	10893000	18334800	36043100	44815000	11926300	94886700	81014000	71487100	49682700
5/15/96	49391000	46236400	11230700	17419900	49617300	94408600	33635700	11028500	18499300	36290900	44927900	12117800	94947000	81118000	71531500	49788000
5/16/96	49744500	46417700	11608800	17771800	49958100	94848300	33888900	11254400	18774500	36696600	45118100	12446500	95047200	81289700	71604900	49961700
5/17/96	49957300	46526400	11826900	17983100	50167100	95104500	34030500	11385700	18934200	36937200	45233400	12629800	95108400	81392700	71648700	50065500
5/18/96	50286500	46694400	12163900	18306200	50486700	95493600	34236400	11586700	19177700	37304700	45412400	12899900	95202600	81554800	71718200	50230300
5/19/96	50605900	46840400	12470500	18595100	50767400	95895400	34448500	11771700	19401700	37643500	45569900	13176300	95263200	81696800	71779100	50374300
5/20/96	50938800	46991900	12798000	18898200	51074200	96312500	34680900	11966900	19639100	38007900	45733800	13448200	95323000	81840100	71840700	50520700
5/21/96	51253100	47133600	13102300	19180400	51352300	96692700	34879600	12146800	19857400	38341700	45887800	13699700	95381800	81978600	71900000	50661300
5/22/96	51537300	47261900	13377400	19437200	51590200	97038700	35064900	12309900	20056300	38636300	46027100	13925300	95435000	82103800	71953600	50788800
5/23/96	51916000	47432500	13745000	19779400	51920200	97499300	35320800	12528300	20320600	39044500	46215200	14227500	95507800	82271000	72025200	50959100
5/24/96	52285200	47599400	14108900	20115200	52249500	97951900	35596700	12742400	20580000	39463500	46399700	14523100	95577400	82435000	72095800	51126100
5/25/96	52542600	47716000	14362200	20350500	52475900	98269600	35788900	12893100	20762200	39759200	46529300	14730200	95626700	82549800	72144400	51243000
5/26/96	52871600	47865000	14687100	20652900	52765400	98675900	36004500	13085600	20995600	40139500	46695400	14995600	95691400	82697100	72207300	51393300
5/27/96	53194200	48010400	15005300	20949500	53049100	99073300	36216200	13274200	21224600	40512500	46858100	15256200	95754800	82841100	72269200	51540200
5/28/96	53567500	48178200	15374900	21293800	53378600	99518500	36441100	13492700	21492200	40923200	47047300	15547300	95830100	83008400	72340000	51711000
5/29/96	53932500	48344900	15740300	21634700	53711200	99996300	36676800	13708400	21755900	41341100	47234000	15843500	95899900	83174400	72410700	51880400
5/30/96	54201800	48468200	16010200	21887400	53952200	100335900	36868100	13869900	21951100	41654400	47372200	16073000	95924600	83296900	72462700	52005300
5/31/96	54468700	48591600	16278100	22138200	54192300	100672400	37059700	14030000	22144800	41961200	47509400	16298400	95924600	83418800	72514500	52129800

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
JUNE 1996

	METER READINGS (GALLONS)						VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)											
DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6	METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
5/31/96	745480000	243922000	776226000	360724000	2702017000	2665897000	-	-	-	-	-	-	-	-	-	-	-	-
6/1/96	747707000	245718000	777640000	363139000	2702017000	2667669000	2227000	1796000	4023000	2530	1414000	2415000	3829000	2408	0	1772000	1772000	1114
6/2/96	749496000	247072000	778666000	365103000	2702017000	2669053000	1789000	1354000	3143000	2436	1026000	1964000	2990000	2318	0	1384000	1384000	1073
6/3/96	751750000	248922000	780093000	367577000	2702017000	2670861000	2254000	1850000	4104000	2533	1427000	2474000	3901000	2408	0	1808000	1808000	1116
6/4/96	753736000	250576000	781382000	369745000	2702017000	2672465000	1986000	1654000	3640000	2528	1289000	2168000	3457000	2401	0	1604000	1604000	1114
6/5/96	756022000	251901000	782065000	372493000	2702017000	2674056000	2286000	1325000	3611000	2188	683000	2748000	3431000	2079	0	1591000	1591000	964
6/6/96	757837000	253461000	782988000	374784000	2702017000	2675556000	1815000	1560000	3375000	2557	923000	2291000	3214000	2435	0	1500000	1500000	1136
6/7/96	759887000	255241000	784050000	377369000	2702017000	2677257000	2050000	1780000	3830000	2660	1062000	2585000	3647000	2533	0	1701000	1701000	1181
6/8/96	761381000	256539000	784825000	379254000	2702017000	2678497000	1494000	1298000	2792000	2659	775000	1885000	2660000	2533	0	1240000	1240000	1181
6/9/96	763312000	258187000	786135000	381340000	2702017000	2680086000	1931000	1648000	3579000	2538	1310000	2086000	3396000	2409	0	1589000	1589000	1127
6/10/96	765733000	260240000	787905000	383824000	2702017000	2682072000	2421000	2053000	4474000	2486	1770000	2484000	4254000	2363	0	1986000	1986000	1103
6/11/96	767367000	261863000	789348000	385730000	2702017000	2683642000	1634000	1623000	3257000	2360	1443000	1906000	3349000	2427	0	1570000	1570000	1138
6/12/96	769662000	263565000	790760000	387867000	2702017000	2685309000	2295000	1702000	3997000	2719	1412000	2137000	3549000	2414	0	1667000	1667000	1134
6/13/96	771563000	265173000	791943000	390019000	2702017000	2686855000	1901000	1608000	3509000	2543	1183000	2152000	3335000	2417	0	1546000	1546000	1120
6/14/96	773682000	266965000	793293000	392376000	2702017000	2688591000	2119000	1792000	3911000	2556	1350000	2357000	3707000	2423	0	1736000	1736000	1135
6/15/96	775376000	268388000	794332000	394293000	2702017000	2689976000	1694000	1423000	3117000	2598	1039000	1917000	2956000	2463	0	1385000	1385000	1154
6/16/96	777392000	270074000	795706000	396439000	2702017000	2691622000	2016000	1686000	3702000	2518	1374000	2146000	3520000	2395	0	1646000	1646000	1120
6/17/96	779268000	271609000	796930000	398465000	2702017000	2693135000	1876000	1535000	3411000	2472	1224000	2026000	3250000	2355	0	1513000	1513000	1096
6/18/96	781730000	273569000	798477000	401125000	2702017000	2695101000	2462000	1960000	4422000	2498	1547000	2660000	4207000	2377	0	1966000	1966000	1111
6/19/96	783679000	275111000	799735000	403188000	2702017000	2696653000	1949000	1542000	3491000	2530	1258000	2063000	3321000	2407	0	1552000	1552000	1125
6/20/96	785573000	276612000	800950000	405196000	2702017000	2698163000	1894000	1501000	3395000	2515	1215000	2008000	3223000	2387	0	1510000	1510000	1119
6/21/96	787633000	278300000	802289000	407424000	2702017000	2699832000	2060000	1688000	3748000	2550	1339000	2228000	3567000	2427	0	1669000	1669000	1135
6/22/96	789127000	279523000	803242000	409054000	2702017000	2701043000	1494000	1223000	2717000	2516	953000	1630000	2583000	2392	0	1211000	1211000	1121
6/23/96	791241000	281250000	804577000	411367000	2702017000	2702753000	2114000	1727000	3841000	2667	1335000	2313000	3648000	2533	0	1710000	1710000	1188
6/24/96	793766000	283299000	806179000	414129000	2702017000	2704790000	2525000	2049000	4574000	2459	1602000	2762000	4364000	2346	0	2037000	2037000	1095
6/25/96	795751000	284914000	807542000	416192000	2702018000	2706394000	1985000	1615000	3600000	2553	1363000	2063000	3426000	2430	1000	1604000	1605000	1138
6/26/96	797717000	286522000	808820000	418308000	2702018000	2707985000	1966000	1608000	3574000	2535	1278000	2116000	3394000	2407	0	1591000	1591000	1128
6/27/96	799449000	287932000	809988000	420132000	2702018000	2709385000	1732000	1410000	3142000	2554	1168000	1824000	2992000	2433	0	1400000	1400000	1138
6/28/96	801889000	289904000	811507000	422814000	2702018000	2711350000	2440000	1972000	4412000	2536	1519000	2682000	4201000	2414	0	1965000	1965000	1129
6/29/96	803552000	291224000	812560000	424595000	2702018000	2712680000	1663000	1320000	2983000	2486	1053000	1781000	2834000	2362	0	1330000	1330000	1108
6/30/96	805899000	293129000	814076000	427123000	2702018000	2714574000	2347000	1905000	4252000	2531	1516000	2528000	4044000	2407	0	1894000	1894000	1127
TOTALS	60419000	49207000	37850000	66399000	1000	48677000	60419000	49207000	109626000	2524	37850000	66399000	104249000	2400	1000	48677000	48678000	1121

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
JUNE 1996

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
6/1/96	343500	159700	346100	324300	305200	435000	248600	207000	250300	403700	175900	287500	0	157300	66800	160600	3871500
6/2/96	291100	132200	284500	267200	246300	360700	205400	169100	206700	325900	142400	238600	3900	85400	36000	76800	3072200
6/3/96	372800	164900	365600	329600	310600	452300	263100	212300	256000	398500	179600	309800	38700	161100	66800	147000	4028700
6/4/96	322100	143500	346100	285900	267200	391900	222400	183600	221900	361100	159400	258700	32500	140900	58900	144200	3540300
6/5/96	360500	154000	337600	300500	280700	402700	239900	181700	218200	342200	146600	205200	7200	138000	56700	151400	3523100
6/6/96	323900	136800	324700	261900	255300	361700	231000	170100	204100	314600	135000	248500	3800	129500	54100	136300	3291300
6/7/96	360100	152300	358300	289300	277500	392300	245600	186900	221600	343600	152200	263400	27700	144800	61500	153400	3630500
6/8/96	262500	111000	261300	211000	202300	286000	179100	136200	161600	250600	110900	192100	20200	105500	44900	111900	2647100
6/9/96	352300	146400	347700	281700	267800	389500	206900	181500	220800	343500	145700	257000	31600	138200	58700	146600	3515900
6/10/96	435300	186200	447000	362200	342500	501300	265600	234500	284300	443300	182600	326500	41200	174600	74100	184900	4486100
6/11/96	344100	145800	348800	283300	274000	387700	204300	182400	220300	339900	146400	251000	33300	137500	58400	145800	3503000
6/12/96	361400	152300	364300	294900	275500	401300	209900	189600	228700	353500	151400	255200	36600	145100	61500	153700	3634900
6/13/96	334200	140600	337700	273300	255500	372900	194500	175900	212400	332900	143200	240100	34800	134400	57200	143100	3382700
6/14/96	374900	158100	381800	309300	297800	422300	220000	199200	240800	376200	160500	266400	40000	151300	64300	160400	3823300
6/15/96	288800	121000	290500	234300	215700	312300	160300	149000	178800	278300	124000	192500	30600	118900	50300	125200	2870500
6/16/96	357500	150100	365000	295800	274800	402600	209100	189900	230100	353100	153000	248700	37900	144500	61300	153200	3626600
6/17/96	343300	143100	350700	285600	299700	396800	198100	184400	225600	355600	141900	254200	5000	135700	56600	141600	3517900
6/18/96	435300	181100	436300	354100	299500	484400	213900	225600	275400	432300	185400	322400	6700	174600	70100	187100	4284200
6/19/96	340700	142300	345400	279600	259800	382800	162700	178100	218500	331400	148900	252100	5800	137800	54800	146800	3387500
6/20/96	332200	138900	338200	274000	256000	374500	161400	174700	213900	336500	145300	245100	5100	134900	54000	143800	3328500
6/21/96	357000	149700	366200	295900	277000	406000	173900	189800	231700	363900	154400	263200	69100	145000	58200	154600	3655600
6/22/96	253900	107000	261400	212300	197900	289000	126800	135400	165000	258600	112000	188800	50400	104400	42100	110800	2615800
6/23/96	353700	148600	362400	292800	268000	395000	169500	185600	226200	352100	155800	255700	71300	146900	59800	156600	3600000
6/24/96	441800	186700	462500	375300	348700	518900	225000	240800	296500	469000	193400	341700	88100	179800	73100	192500	4633800
6/25/96	337400	142500	352200	285100	271400	384600	163300	182400	222500	352600	152600	254400	69800	139700	57600	148800	3516900
6/26/96	332400	140700	348100	281700	273400	379000	160700	180700	219400	353500	151300	252000	70100	138300	56300	147200	3484800
6/27/96	291200	124200	307700	249100	237600	335200	142200	159700	194300	307900	134500	222900	62400	121600	48700	129600	3068800
6/28/96	406500	173900	432900	349600	335500	469300	197300	223800	272600	434300	185800	308400	88800	171700	68700	182500	4301600
6/29/96	288600	119200	296100	239900	226400	327100	131500	153100	186900	295800	124600	221600	58900	117400	47200	80900	2915200
6/30/96	402000	166700	412900	333500	316700	455600	201400	213400	260000	415600	157300	306900	82500	164400	66200	164000	4119100
TOTAL	10401000	4419500	10580000	8713000	8216300	11870700	5933400	5576400	6765100	10620000	4552000	7730600	1154000	4219200	1744900	4381300	106877400

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
JUNE 1996

METER READINGS (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5
5/31/96	54468700	48591600	16278100	22138200	54192300	672400	37059700	14030000	22144800	41961200	47509400	16298400	95924600	83418800	72514500	52129800
6/1/96	54812200	48751300	16624200	22462500	54497500	1107400	37308300	14237000	22395100	42364900	47685300	16585900	95924600	83576100	72581300	52290400
6/2/96	55103300	48883500	16908700	22729700	54743800	1468100	37513700	14406100	22601800	42690800	47827700	16824500	95928500	83661500	72617300	52367200
6/3/96	55476100	49048400	17274300	23059300	55054400	1920400	37776800	14618400	22857800	43089300	48007300	17134300	95967200	83822600	72684100	52514200
6/4/96	55798200	49191900	17620400	23345200	55321600	2312300	37999200	14802000	23079700	43450400	48166700	17393000	95999700	83963500	72743000	52658400
6/5/96	56158700	49345900	17958000	23645700	55602300	2715000	38239100	14983700	23297900	43792600	48313300	17598200	96006900	84101500	72799700	52809800
6/6/96	56482600	49482700	18282700	23907600	55857600	3076700	38470100	15153800	23502000	44107200	48448300	17846700	41035000	84231000	72853800	52946100
6/7/96	56842700	49635000	18641000	24196900	56135100	3469000	38715700	15340700	23723600	44450800	48600500	18110100	41062700	84375800	72915300	53099500
6/8/96	57105200	49746000	18902300	24407900	56337400	3755000	38894800	15476900	23885200	44701400	48711400	18302200	41082900	84481300	72960200	53211400
6/9/96	57457500	49892400	19250000	24689600	56605200	4144500	39101700	15658400	24106000	45044900	48857100	18559200	41114500	84619500	73018900	53358000
6/10/96	57892800	50078600	19697000	25051800	56947700	4645800	39367300	15892900	24390300	45488200	49039700	18885700	41155700	84794100	73093000	53542900
6/11/96	58236900	50224400	20045800	25335100	57221700	5033500	39571600	16075300	24610600	45828100	49186100	19136700	41189000	84931600	73151400	53688700
6/12/96	58598300	50376700	20410100	25630000	57497200	5434800	39781500	16264900	24839300	46181600	49337500	19391900	41225600	85076700	73212900	53842400
6/13/96	58932500	50517300	20747800	25903300	57752700	5807700	39976000	16440800	25051700	46514500	49480700	19632000	41260400	85211100	73270100	53985500
6/14/96	59307400	50675400	21129600	26212600	58050500	6230000	40196000	16640000	25292500	46890700	49641200	19898400	41300400	85362400	73334400	54145900
6/15/96	59596200	50796400	21420100	26446900	58266200	6542300	40356300	16789000	25471300	47169000	49765200	20090900	41331000	85481300	73384700	54271100
6/16/96	59953700	50946500	21785100	26742700	58541000	6944900	40565400	16978900	25701400	47522100	49918200	20339600	41368900	85625800	73446000	54424300
6/17/96	60297000	51089600	22135800	27028300	58840700	7341700	40763500	17163300	25927000	47877700	50060100	20593800	41373900	85761500	73502600	54565900
6/18/96	60732300	51270700	22572100	27382400	59140200	7826100	40977400	17388900	26202400	48310000	50245500	20916200	41380600	85936100	73572700	54753000
6/19/96	61073000	51413000	22917500	27662000	59400000	8208900	41140100	17567000	26420900	48641400	50394400	21168300	41386400	86073900	73627500	54899800
6/20/96	61405200	51551900	23255700	27936000	59656000	8583400	41301500	17741700	26634800	48977900	50539700	21413400	41391500	86208800	73681500	55043600
6/21/96	61762200	51701600	23621900	28231900	59933000	8989400	41475400	17931500	26866500	49341800	50694100	21676600	41460600	86353800	73739700	55198200
6/22/96	62016100	51808600	23883300	28444200	60130900	9278400	41602200	18066900	27031500	49600400	50806100	21865400	41511000	86458200	73781800	55309000
6/23/96	62369800	51957200	24245700	28737000	60398900	9673400	41771700	18252500	27257700	49952500	50961900	22121100	41582300	86605100	73841600	55465600
6/24/96	62811600	52143900	24708200	29112300	60747600	10192300	41996700	18493300	27554200	50421500	51155300	22462800	41670400	86784900	73914700	55658100
6/25/96	63149000	52286400	25060400	29397400	61019000	10576900	42160000	18675700	27776700	50774100	51307900	22717200	41740200	86924600	73972300	55806900
6/26/96	63481400	52427100	25408500	29679100	61292400	10955900	42320700	18856400	27996100	51127600	51459200	22969200	41810300	87062900	74028600	55954100
6/27/96	63772600	52551300	25716200	29928200	61530000	11291100	42462900	19016100	28190400	51435500	51593700	23192100	41872700	87184500	74077300	56083700
6/28/96	64179100	52725200	26149100	30277800	61865500	11760400	42660200	19239900	28463000	51869800	51779500	23500500	41961500	87356200	74146000	56266200
6/29/96	64467700	52844400	26445200	30517700	62091900	12087500	42791700	19393000	28649900	52165600	51904100	23722100	42020400	87473600	74193200	56347100
6/30/96	64869700	53011100	26858100	30851200	62408600	12543100	42993100	19606400	28909900	52581200	52061400	24029000	42102900	87638000	74259400	56511100

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
JULY 1996

METER READINGS (GALLONS)

DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6
6/30/96	805899000	293129000	814076000	427123000	2702018000	2714574000
7/1/96	808172000	294948000	815511000	429613000	2702018000	2716397000
7/2/96	809374000	295921000	816289000	430869000	2702018000	2717360000
7/3/96	811625000	297850000	818265000	432867000	2702018000	2719210000
7/4/96	813666806.5	299552709.7	819872225.8	434817451.6	2702018000	2720868839
7/5/96	815581000	301149000	821379000	436646000	2702018000	2722424000
7/6/96	817976000	303137000	823018000	439171000	2702018000	2724367000
7/7/96	819373000	304296000	824026000	440600000	2702018000	2725499000
7/8/96	821789000	306295000	825719000	443104000	2702018000	2727457000
7/9/96	823777000	307943000	827120000	445161000	2702018000	2729068000
7/10/96	825987000	309767000	828706000	447409000	2702018000	2730858000
7/11/96	827663000	311160000	829890000	449142000	2702018000	2732218000
7/12/96	829610000	312764000	831185000	451222000	2702018000	2733793000
7/13/96	831599000	314400000	832605000	453248000	2702018000	2735401000
7/14/96	833407000	315984000	833925000	455148000	2702018000	2736893000
7/15/96	835738000	317800000	835458000	457557000	2702018000	2738745000
7/16/96	837980000	319628000	836960000	459927000	2702018000	2740551000
7/17/96	839985000	321195000	838414000	461865000	2702018000	2742140000
7/18/96	840026000	321242000	838478000	461892000	2702018000	2742165000
7/19/96	841318000	322370000	839455000	463213000	2702018000	2743246000
7/20/96	843486000	324195000	841031000	465426000	2702018000	2745021000
7/21/96	845594000	325972000	842580000	467577000	2702018000	2746748000
7/22/96	848085000	328023000	844566000	469911000	2702018000	2748765000
7/23/96	850130000	329720000	846161000	471866000	2702018000	2750422000
7/24/96	851782000	331096000	847400000	473488000	2702018000	2751759000
7/25/96	853873000	332832000	849008000	475500000	2702018000	2753451000
7/26/96	856180000	334850000	850830000	477675000	2702018000	2755320000
7/27/96	857563000	335908000	851962000	478943000	2702018000	2756445000
7/28/96	859607000	337617000	853544000	480919000	2702018000	2758105000
7/29/96	862535000	339938000	855767000	483676000	2702018000	2760429000
7/30/96	863740000	340949000	856773000	484776000	2702018000	2761411000
7/31/96	866024000	342693000	858532000	486843000	2702018000	2763203000
TOTALS	60125000	49564000	44456000	59720000	0	48629000

VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)

METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
-	-	-	-	-	-	-	-	-	-	-	-
2273000	1819000	4092000	2503	1435000	2490000	3925000	2401	0	1823000	1823000	1115
1202000	973000	2175000	2553	778000	1256000	2034000	2387	0	963000	963000	1130
2251000	1929000	4180000	2212	1976000	1998000	3974000	2103	0	1850000	1850000	979
2041806.452	1702709.677	3744516.129	2600	1607225.806	1950451.613	3557677.419	2471	0	1658838.71	1658838.71	1152
1914193.548	1596290.323	3510483.871	2600	1506774.194	1828548.387	3335322.581	2471	0	1555161.29	1555161.29	1152
2395000	1988000	4383000	2563	1639000	2525000	4164000	2435	0	1943000	1943000	1136
1397000	1159000	2556000	2582	1008000	1429000	2437000	2462	0	1132000	1132000	1143
2416000	1999000	4415000	2582	1693000	2504000	4197000	2454	0	1958000	1958000	1145
1988000	1648000	3636000	2579	1401000	2057000	3458000	2452	0	1611000	1611000	1143
2210000	1824000	4034000	2586	1586000	2248000	3834000	2458	0	1790000	1790000	1147
1676000	1393000	3069000	2558	1184000	1733000	2917000	2431	0	1360000	1360000	1133
1947000	1604000	3551000	2573	1295000	2080000	3375000	2446	0	1575000	1575000	1141
1989000	1636000	3625000	2571	1420000	2026000	3446000	2444	0	1608000	1608000	1140
1808000	1584000	3392000	2570	1320000	1900000	3220000	2439	0	1492000	1492000	1130
2331000	1816000	4147000	2560	1533000	2409000	3942000	2433	0	1852000	1852000	1143
2242000	1828000	4070000	2560	1502000	2370000	3872000	2435	0	1806000	1806000	1136
2005000	1567000	3572000	2481	1454000	1938000	3392000	2356	0	1589000	1589000	1103
41000	47000	88000	64	64000	27000	91000	66	0	25000	25000	18
1292000	1128000	2420000	2373	977000	1321000	2298000	2253	0	1081000	1081000	1060
2168000	1825000	3993000	2560	1576000	2213000	3789000	2429	0	1775000	1775000	1138
2108000	1777000	3885000	2590	1549000	2151000	3700000	2467	0	1727000	1727000	1151
2491000	2051000	4542000	2566	1986000	2334000	4320000	2441	0	2017000	2017000	1140
2045000	1697000	3742000	2546	1595000	1955000	3550000	2415	0	1657000	1657000	1127
1652000	1376000	3028000	2588	1239000	1622000	2861000	2445	0	1337000	1337000	1143
2091000	1736000	3827000	2551	1608000	2012000	3620000	2413	0	1692000	1692000	1128
2307000	2018000	4325000	2621	1822000	2175000	3997000	2422	0	1869000	1869000	1133
1383000	1058000	2441000	2543	1132000	1268000	2400000	2500	0	1125000	1125000	1172
2044000	1709000	3753000	2553	1582000	1976000	3558000	2420	0	1660000	1660000	1129
2928000	2321000	5249000	2464	2223000	2757000	4980000	2338	0	2324000	2324000	1091
1205000	1011000	2216000	2547	1006000	1100000	2106000	2421	0	982000	982000	1129
2284000	1744000	4028000	2486	1759000	2067000	3826000	2362	0	1792000	1792000	1106
60125000	49564000	109689000	2461	44456000	59720000	104176000	2337	0	48629000	48629000	1091

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
JULY 1996

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
7/1/96	398300	166300	395600	333500	308200	437800	193600	205000	249400	390800	191400	320300	79600	156300	64600	164100	4054800
7/2/96	203500	85200	211800	170500	161400	230900	97900	110200	132400	209700	88900	146200	42200	83700	33300	89800	2097600
7/3/96	349000	180200	378200	347400	307400	468800	239800	209800	254700	404400	162600	275400	83700	160600	64700	179500	4066200
7/4/96	376464.5161	144980.6452	356593.5484	286554.8387	276232.2581	395509.6774	233238.7097	186787.0968	222245.1613	351587.0968	140438.7097	283974.1935	67767.74194	142451.6129	56774.19355	152877.4194	3674477.419
7/5/96	352935.4839	135919.3548	334306.4516	268645.1613	258967.7419	370790.3226	218661.2903	175112.9032	208354.8387	329612.9032	131661.2903	266225.8065	63532.25806	133548.3871	53225.80645	143322.5806	3444822.581
7/6/96	440900	169600	418600	336300	323200	462500	270000	219400	260100	409600	165700	330300	84200	166800	66600	179000	4302800
7/7/96	254500	99200	244300	196300	186900	269700	156300	127100	153300	238400	98900	193200	49900	97700	39500	104100	2509300
7/8/96	438900	171000	423100	339800	325200	467200	270000	220500	266400	416700	165600	334300	87600	168200	68800	180700	4344000
7/9/96	360700	140100	347600	279200	274200	382900	219900	180600	218500	342600	137300	271000	72600	138400	55900	147500	3569000
7/10/96	401000	155200	386600	310200	302800	427000	244600	200900	243700	379600	157800	302500	80800	153700	61500	164300	3972200
7/11/96	302800	117700	293800	235600	235000	322800	184300	152100	184500	293500	117200	228500	61500	116700	46700	124700	3017400
7/12/96	352300	136600	341700	274600	266900	376100	214200	177200	215300	339500	133000	266200	71900	135500	54300	144800	3500100
7/13/96	358400	138400	346900	278600	272900	381500	216800	179800	218400	344400	135100	270400	73700	138300	55300	147800	3556700
7/14/96	333900	130700	326000	261300	253400	360300	204600	170300	204600	326000	128000	253400	68600	129300	51500	137200	3339100
7/15/96	416900	158500	402700	323700	318900	441000	248400	207800	254900	390600	160700	315600	85800	159300	65100	170800	4120700
7/16/96	404200	155200	392200	314900	303200	430400	241700	203000	246500	379600	155600	305100	83300	156000	62500	166600	4000000
7/17/96	353900	137200	337000	274800	266700	374700	208200	175600	209100	333100	134100	256800	72400	135800	55000	147100	3471500
7/18/96	2900	2600	2200	1000	2100	3000	1600	1300	1700	2600	900	1000	3100	1200	400	1000	28600
7/19/96	246100	102400	240100	212400	192900	275200	164300	127000	140500	246900	95800	196200	47200	93500	37300	101000	2518800
7/20/96	418900	153900	376700	303500	297700	419200	242700	197600	236000	377100	150000	299100	78100	151400	60600	163000	3925500
7/21/96	349500	150000	369700	297000	294400	413300	238500	193200	232800	377500	149700	294500	76900	147400	58900	158600	3801900
7/22/96	447500	177100	438900	352500	346600	489700	280000	228000	272300	435400	176000	342000	94100	175300	69800	149800	4475000
7/23/96	365900	145400	361200	290900	285500	403000	228800	187500	220800	360100	142100	278600	78200	144200	56900	136900	3686000
7/24/96	297500	118100	293100	235500	228300	326800	184400	152000	176900	291000	113400	226000	63700	116600	47400	118200	2988900
7/25/96	375300	147400	369000	296400	287900	410500	230400	191100	222200	364800	147200	283800	81100	147300	58200	151000	3763600
7/26/96	413000	160500	405700	325100	314200	450500	252000	210300	243900	400100	160500	314000	89700	162200	63800	167200	4132700
7/27/96	241700	93400	231800	185500	179500	251500	138200	119000	137200	224900	92700	176200	52700	95800	37700	99600	2357400
7/28/96	370400	142500	361500	289400	288500	403400	214000	188500	217100	360600	145800	281400	79800	144300	57200	150200	3694600
7/29/96	554900	211600	540700	432700	425900	602900	315400	277700	336600	537200	36300	420700	119100	210600	82800	219400	5324500
7/30/96	220700	85000	214100	172500	172300	240300	123200	112000	135000	215400	79700	168400	46600	85600	34200	91100	2196100
7/31/96	406900	162200	381900	330000	317200	448500	218300	202400	245900	386900	161400	274200	88500	154200	61900	169800	4010200
TOTAL	10809800	4274100	10523600	8556300	8274500	11737700	6494000	5488800	6561300	10460200	4055500	8175500	2227900	4201900	1682400	4421000	107944500

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
JULY 1996

METER READINGS (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5
6/30/96	64869700	53011100	26858100	30851200	62408600	12543100	42993100	19606400	28909900	52581200	52061400	24029000	42102900	87638000	74259400	56511100
7/1/96	65268000	53177400	27253700	31184700	62716800	12980900	43186700	19811400	29159300	52972000	52252800	24349300	42182500	87794300	74324000	56675200
7/2/96	65471500	53262600	27465500	31355200	62878200	13211800	43284600	19921600	29291700	53181700	52341700	24495500	42224700	87878000	74357300	56765000
7/3/96	65820500	53442800	27843700	31702600	63185600	13680600	43524400	20131400	29546400	53586100	52504300	24770900	42308400	88038600	74422000	56944500
7/4/96	66196964.52	53587780.65	28200293.55	31989154.84	63461832.26	14076109.68	43757638.71	20318187.1	29768645.16	53937687.1	52644738.71	25054874.19	42376167.74	88181051.61	74478774.19	57097377.42
7/5/96	66549900	53723700	28534600	32257800	63720800	14446900	43976300	20493300	29977000	54267300	52776400	25321100	42439700	88314600	74532000	57240700
7/6/96	66990800	53893300	28953200	32594100	64044000	14909400	44246300	20712700	30237100	54676900	52942100	25651400	42523900	88481400	74598600	57419700
7/7/96	67245300	53992500	29197500	32790400	64230900	15179100	44402600	20839800	30390400	54915300	53041000	25844600	42573800	88579100	74638100	57523800
7/8/96	67684200	54163500	29620600	33130200	64556100	15646300	44672600	21060300	30656800	55332000	53206600	26178900	42661400	88747300	74706900	57704500
7/9/96	68044900	54303600	29968200	33409400	64830300	16029200	44892500	21240900	30875300	55674600	53343900	26449900	42734000	88885700	74762800	57852000
7/10/96	68445900	54458800	30354800	33719600	65133100	16456200	45137100	21441800	31119000	56054200	53501700	26752400	42814800	89039400	74824300	58016300
7/11/96	68748700	54576500	30648600	33955200	65368100	16779000	45321400	21593900	31303500	56347700	53618900	26980900	42876300	89156100	74871000	58141000
7/12/96	69101000	54713100	30990300	34229800	65635000	17155100	45535600	21771100	31518800	56687200	53751900	27247100	42948200	89291600	74925300	58285800
7/13/96	69459400	54851500	31337200	34508400	65907900	17536600	45752400	21950900	31737200	57031600	53887000	27517500	43021900	89429900	74980600	58433600
7/14/96	69793300	54982200	31663200	34769700	66161300	17896900	45957000	22121200	31941800	57357600	54015000	27770900	43090500	89559200	75032100	58570800
7/15/96	70210200	55140700	32065900	35093400	66480200	18337900	46205400	22329000	32196700	57748200	54175700	28086500	43176300	89718500	75097200	58741600
7/16/96	70614400	55295900	32458100	35408300	66783400	18768300	46447100	22532000	32443200	58127800	54331300	28391600	43259600	89874500	75159700	58908200
7/17/96	70968300	55433100	32795100	35683100	67050100	19143000	46655300	22707600	32652300	58460900	54465400	28648400	43332000	90010300	75214700	59055300
7/18/96	70971200	55435700	32797300	35684100	67052200	19146000	46656900	22708900	32654000	58463500	54466300	28649400	43335100	90011500	75215100	59056300
7/19/96	71217300	55538100	33037400	35896500	67245100	19421200	46821200	22835900	32794500	58710400	54562100	28845600	43382300	90105000	75252400	59157300
7/20/96	71636200	55692000	33414100	36200000	67542800	19840400	47063900	23033500	33030500	59087500	54712100	29144700	43460400	90256400	75313000	59320300
7/21/96	71985700	55842000	33783800	36497000	67837200	20253700	47302400	23226700	33263300	59465000	54861800	29439200	43537300	90403800	75371900	59478900
7/22/96	72433200	56019100	34222700	36849500	68183800	20743400	47582400	23454700	33535600	59900400	55037800	29781200	43631400	90579100	75441700	59628700
7/23/96	72799100	56164500	34583900	37140400	68469300	21146400	47811200	23642200	33756400	60260500	55179900	30059800	43709600	90723300	75498600	59765600
7/24/96	73096600	56282600	34877000	37375900	68697600	21473200	47995600	23794200	33933300	60551500	55293300	30285800	43773300	90839900	75546000	59883800
7/25/96	73471900	56430000	35246000	37672300	68985500	21883700	48226000	23985300	34155500	60916300	55440500	30569600	43854400	90987200	75604200	60034800
7/26/96	73884900	56590500	35651700	37997400	69299700	22334200	48478000	24195600	34399400	61316400	55601000	30883600	43944100	91149400	75668000	60202000
7/27/96	74126600	56683900	35883500	38182900	69479200	22585700	48616200	24314600	34536600	61541300	55693700	31059800	43996800	91245200	75705700	60301600
7/28/96	74497000	56826400	36245000	38472300	69767700	22989100	48830200	24503100	34753700	61901900	55839500	31341200	44076600	91389500	75762900	60451800
7/29/96	75051900	57038000	36785700	38905000	70193600	23592000	49145600	24780800	35090300	62439100	55875800	31761900	44195700	91600100	75845700	60671200
7/30/96	75272600	57123000	36999800	39077500	70365900	23832300	49268800	24892800	35225300	62654500	55955500	31930300	44242300	91685700	75879900	60762300
7/31/96	75679500	57285200	37381700	39407500	70683100	24280800	49487100	25095200	35471200	63041400	56116900	32204500	44330800	91839900	75941800	60932100

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
AUGUST 1996

	METER READINGS (GALLONS)						VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)											
DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6	METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
7/31/96	866024000	342693000	858532000	486843000	2702018000	2763203000	-	-	-	-	-	-	-	-	-	-	-	-
8/1/96	867827000	344218000	859970000	488556000	2702018000	2764674000	1803000	1525000	3328000	2521	1438000	1713000	3151000	2387	0	1471000	1471000	1114
8/2/96	870128000	346152000	861812000	490736000	2702018000	2766549000	2301000	1934000	4235000	2567	1842000	2180000	4022000	2438	0	1875000	1875000	1136
8/3/96	871703000	347466000	863073000	492217000	2702018000	2767832000	1575000	1314000	2889000	2534	1261000	1481000	2742000	2405	0	1283000	1283000	1125
8/4/96	873610000	349066000	864586000	494027000	2702018000	2769384000	1907000	1600000	3507000	2541	1513000	1810000	3323000	2408	0	1552000	1552000	1125
8/5/96	875993000	351057000	866470000	496311000	2702018000	2771324000	2383000	1991000	4374000	2558	1884000	2284000	4168000	2437	0	1940000	1940000	1135
8/6/96	877641000	352428000	867737000	497906000	2702018000	2772662000	1648000	1371000	3019000	2516	1267000	1595000	2862000	2385	0	1338000	1338000	1115
8/7/96	879718000	354166000	869432000	499834000	2702018000	2774352000	2077000	1738000	3815000	2543	1695000	1928000	3623000	2415	0	1690000	1690000	1127
8/8/96	881838000	355930000	871080000	501877000	2702018000	2776074000	2120000	1764000	3884000	2539	1648000	2043000	3691000	2412	0	1722000	1722000	1125
8/9/96	883987000	357705000	872758000	503931000	2702018000	2777816000	2149000	1775000	3924000	2515	1678000	2054000	3732000	2392	0	1742000	1742000	1117
8/10/96	886128000	359484000	874486000	505931000	2702018000	2779553000	2141000	1779000	3920000	2513	1728000	2000000	3728000	2390	0	1737000	1737000	1113
8/11/96	887914000	360974000	875930000	507603000	2702018000	2781008000	1786000	1490000	3276000	2540	1444000	1672000	3116000	2416	0	1455000	1455000	1128
8/12/96	889948000	362648000	877562000	509496000	2702018000	2782652000	2034000	1674000	3708000	2522	1632000	1893000	3525000	2398	0	1644000	1644000	1118
8/13/96	891656000	364051000	878933000	511091000	2702018000	2784033000	1708000	1403000	3111000	2529	1371000	1595000	2966000	2411	0	1381000	1381000	1123
8/14/96	893637000	365678000	880511000	512936000	2702018000	2785633000	1981000	1627000	3608000	2506	1578000	1845000	3423000	2377	0	1600000	1600000	1111
8/15/96	895880000	367523000	882269000	515064000	2702018000	2787446000	2243000	1845000	4088000	2523	1758000	2128000	3886000	2399	0	1813000	1813000	1119
8/16/96	897852000	369130000	883831000	516905000	2702018000	2789033000	1972000	1607000	3579000	2485	1562000	1841000	3403000	2363	0	1587000	1587000	1102
8/17/96	899592000	370544000	885183000	518533000	2702018000	2790427000	1740000	1414000	3154000	2628	1352000	1628000	2980000	2483	0	1394000	1394000	1162
8/18/96	901478000	372088000	886717000	520268000	2702018000	2791952000	1886000	1544000	3430000	2486	1534000	1735000	3269000	2369	0	1525000	1525000	1105
8/19/96	903571000	373792000	888395000	522203000	2702018000	2793636000	2093000	1704000	3797000	2434	1678000	1935000	3613000	2316	0	1684000	1684000	1079
8/20/96	905407000	375236000	889812000	523906000	2702018000	2795090000	1836000	1444000	3280000	2485	1417000	1703000	3120000	2364	0	1454000	1454000	1102
8/21/96	907503000	376889000	891412000	525872000	2702018000	2796753000	2096000	1653000	3749000	2499	1600000	1966000	3566000	2377	0	1663000	1663000	1109
8/22/96	909557000	378507000	893025000	527738000	2702018000	2798380000	2054000	1618000	3672000	2498	1613000	1866000	3479000	2367	0	1627000	1627000	1107
8/23/96	911622000	380128000	894671000	529593000	2702018000	2800015000	2065000	1621000	3686000	2507	1646000	1855000	3501000	2382	0	1635000	1635000	1112
8/24/96	913490000	381599000	896168000	531270000	2702018000	2801496000	1868000	1471000	3339000	2473	1497000	1677000	3174000	2351	0	1481000	1481000	1097
8/25/96	915608000	383253000	897866000	533149000	2702018000	2803168000	2118000	1654000	3772000	2515	1698000	1879000	3577000	2385	0	1672000	1672000	1115
8/26/96	917799000	384963000	899604000	535122000	2702018000	2804898000	2191000	1710000	3901000	2501	1738000	1973000	3711000	2379	0	1730000	1730000	1109
8/27/96	919585000	386365000	901030000	536723000	2702018000	2806312000	1786000	1402000	3188000	2471	1426000	1601000	3027000	2347	0	1414000	1414000	1096
8/28/96	921937000	387663000	902473000	538741000	2702018000	2807935000	2352000	1298000	3650000	2212	1443000	2018000	3461000	2098	0	1623000	1623000	984
8/29/96	922266000	389430000	903159000	540071000	2702018000	2808875000	329000	1767000	2096000	1588	686000	1330000	2016000	1527	0	940000	940000	712
8/30/96	923229000	391169000	904231000	541585000	2702018000	2810089000	963000	1739000	2702000	1916	1072000	1514000	2586000	1834	0	1214000	1214000	861
8/31/96	925262000	392766000	905695000	543574000	2702019000	2811704000	2033000	1597000	3630000	2420	1464000	1989000	3453000	2302	1000	1615000	1616000	1077
TOTALS	59238000	50073000	47163000	56731000	1000	48501000	59238000	50073000	109311000	2455	47163000	56731000	103894000	2334	1000	48501000	48502000	1089

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
AUGUST 1996

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
8/1/96	323900	124100	315400	252000	245800	354800	175400	164000	198200	317000	121600	245100	62900	127200	50100	136000	3213500
8/2/96	416200	160100	409700	326800	325300	462300	228000	213200	257200	409000	157000	318700	83900	164100	65300	176600	4173400
8/3/96	284200	109600	279100	223700	217100	314700	155000	145300	169700	279000	110600	212300	58300	112000	44000	119500	2834100
8/4/96	345500	132600	339900	271600	268100	383000	188500	176600	208800	334000	130800	258900	71400	136300	54200	146000	3446200
8/5/96	434000	166400	428800	342800	334300	483600	238300	223100	262600	427100	164200	326900	90300	171300	67500	183700	4344900
8/6/96	298300	114200	295000	235900	230600	326400	163300	152600	179000	293100	111500	222300	62800	118500	45900	126400	2975800
8/7/96	374400	144200	372900	298000	298200	416600	206100	192800	229700	364100	146100	284900	78600	149100	59300	158600	3773600
8/8/96	378600	146000	377500	302100	295200	427400	208900	195000	235900	373400	141000	277200	81000	152600	59500	162000	3813300
8/9/96	392300	150800	392000	313500	306300	443500	216500	202300	245200	380500	156500	280900	83500	157600	61600	167400	3950400
8/10/96	377000	143800	377700	301500	294500	427000	208300	194800	236200	370300	147600	270900	80500	151500	59100	160100	3800800
8/11/96	320200	122500	318400	254900	250300	361100	176000	165000	199800	319600	120300	239400	67600	128700	50500	136500	3230800
8/12/96	367400	141100	365700	293700	285800	405600	201900	187900	224000	362400	141000	263300	78000	147400	58100	156900	3680200
8/13/96	305000	117100	305900	244900	238400	338700	168500	157100	185500	302700	119300	219700	65400	123200	48100	130500	3070000
8/14/96	352300	135400	355400	284500	276000	393600	195800	182800	212300	356700	139400	256400	75200	142600	55400	151100	3564900
8/15/96	400000	153800	403900	323400	320500	447800	222600	207700	242800	402400	156700	290300	85400	162400	64900	171800	4056400
8/16/96	351300	134900	355500	284600	276000	392500	194700	182300	213300	346600	133200	252700	75000	143000	56100	151200	3542900
8/17/96	295200	112800	295700	236000	224900	319500	156700	149900	174100	283000	112900	202000	64400	122500	48400	128800	2926800
8/18/96	336700	129100	341500	273500	266400	377600	187400	175000	205200	330900	128900	240800	71900	137600	53800	145000	3401300
8/19/96	378000	145100	388500	311500	300400	435000	217100	200700	235900	390300	142800	277800	77500	152100	59800	161300	3873800
8/20/96	320500	122200	325600	260700	254400	359400	178300	166900	199700	318000	122100	226000	66200	131000	52300	137800	3241100
8/21/96	369200	140500	375800	300800	293400	415700	206500	192800	236200	375400	147700	259300	75800	151400	59600	159100	3759200
8/22/96	354100	134400	360400	288200	279000	395400	196200	184200	222500	355700	143800	248800	73200	145800	58900	152400	3593000
8/23/96	359700	136800	368200	294600	290200	405000	201600	188400	222700	363600	144800	259500	73600	147900	58600	155700	3670900
8/24/96	322100	122300	330000	263900	263800	362400	180300	168800	198900	328600	128100	232100	65900	132800	53300	138900	3292200
8/25/96	366900	139000	375600	300500	290200	411600	204700	192100	226000	367600	143700	263900	75200	151200	60700	158600	3727500
8/26/96	379300	143700	389500	311400	304100	427100	212500	199000	234000	387200	143300	274000	79000	156500	64000	164100	3868700
8/27/96	308500	116700	317000	253600	248000	347700	173300	162200	190100	321000	121300	224100	64200	127500	51200	133600	3160000
8/28/96	397000	161100	321800	344600	302000	436600	180900	177700	222000	338500	130800	153800	87500	137700	58300	178400	3628700
8/29/96	224100	110100	191700	176500	166100	272100	122800	102400	128400	202700	75900	95700	63400	75500	34600	90200	2132200
8/30/96	276900	121300	249300	220700	205600	317800	149700	132400	162600	257400	98600	153700	63200	102600	44000	120500	2676300
8/31/96	363800	142100	352200	286900	276500	414300	205300	184500	224300	349900	136800	273900	65300	142600	57800	154500	3630700
TOTAL	10772600	4173800	10675600	8677300	8427400	12075800	5921100	5519500	6582800	10607700	4118300	7605300	2266100	4302200	1714900	4613200	108053600

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
AUGUST 1996

METER READINGS (GALLONS)

DATE	*B1*	*B2*	*B3*	*B4*	*B5*	*B6*	*B7*	*B8*	*B9*	*B10*	*B11*	*B12*	*SC2*	*SC3*	*SC4*	*SC5*
7/31/96	75679500	57285200	37381700	39407500	70683100	24280800	49487100	25095200	35471200	63041400	56116900	32204500	44330800	91839900	75941800	60932100
8/1/96	76003400	57409300	37697100	39659500	70928900	24635600	49662500	25259200	35669400	63358400	56238500	32449600	44393700	91967100	75991900	61068100
8/2/96	76419600	57569400	38106800	39986300	71254200	25097900	49890500	25472400	35926600	63767400	56395500	32768300	44477600	92131200	76057200	61244700
8/3/96	76703800	57679000	38385900	40210000	71471300	25412600	50045500	25617700	36096300	64046400	56506100	32980600	44535900	92243200	76101200	61364200
8/4/96	77049300	57811600	38725800	40481600	71739400	25795600	50234000	25794300	36305100	64380400	56636900	33239500	44607300	92379500	76155400	61510200
8/5/96	77483300	57978000	39154600	40824400	72073700	26279200	50472300	26017400	36567700	64807500	56801100	33566400	44697600	92550800	76222900	61693900
8/6/96	77781600	58092200	39449600	41060300	72304300	26605600	50635600	26170000	36746700	65100600	56912600	33788700	44760400	92669300	76268800	61820300
8/7/96	78156000	58236400	39822500	41358300	72602500	27022200	50841700	26362800	36976400	65464700	57058700	34073600	44839000	92818400	76328100	61978900
8/8/96	78534600	58382400	40200000	41660400	72897700	27449600	51050600	26557800	37212300	65838100	57199700	34350800	44920000	92971000	76387600	62140900
8/9/96	78926900	58533200	40592000	41973900	73204000	27893100	51267100	26760100	37457500	66218600	57356200	34631700	45003500	93128600	76449200	62308300
8/10/96	79303900	58677000	40969700	42275400	73498500	28320100	51475400	26954900	37693700	66588900	57503800	34902600	45084000	93280100	76508300	62468400
8/11/96	79624100	58799500	41288100	42530300	73748800	28681200	51651400	27119900	37893500	66908500	57624100	35142000	45151600	93408800	76558800	62604900
8/12/96	79991500	58940600	41653800	42824000	74034600	29086800	51853300	27307800	38117500	67270900	57765100	35405300	45229600	93556200	76616900	62761800
8/13/96	80296500	59057700	41959700	43068900	74273000	29425500	52021800	27464900	38303000	67573600	57884400	35625000	45295000	93679400	76665000	62892300
8/14/96	80648800	59193100	42315100	43353400	74549000	29819100	52217600	27647700	38515300	67930300	58023800	35881400	45370200	93822000	76720400	63043400
8/15/96	81048800	59346900	42719000	43676800	74869500	30266900	52440200	27855400	38758100	68332700	58180500	36171700	45455600	93984400	76785300	63215200
8/16/96	81400100	59481800	43074500	43961400	75145500	30659400	52634900	28037700	38971400	68679300	58313700	36424400	45530600	94127400	76841400	63366400
8/17/96	81695300	59594600	43370200	44197400	75370400	30978900	52791600	28187600	39145500	68962300	58426600	36626400	45595000	94249900	76889800	63495200
8/18/96	82032000	59723700	43711700	44470900	75636800	31356500	52979000	28362600	39350700	69293200	58555500	36867200	45666900	94387500	76943600	63640200
8/19/96	82410000	59868800	44100200	44782400	75937200	31791500	53196100	28563300	39586600	69683500	58698300	37145000	45744400	94539600	77003400	63801500
8/20/96	82730500	59991000	44425800	45043100	76191600	32150900	53374400	28730200	39786300	70001500	58820400	37371000	45810600	94670600	77055700	63939300
8/21/96	83099700	60131500	44801600	45343900	76485000	32566600	53580900	28923000	40022500	70376900	58968100	37630300	45886400	94822000	77115300	64098400
8/22/96	83453800	60265900	45162000	45632100	76764000	32962000	53777100	29107200	40245000	70732600	59111900	37879100	45959600	94967800	77174200	64250800
8/23/96	83813500	60402700	45530200	45926700	77054200	33367000	53978700	29295600	40467700	71096200	59256700	38138600	46033200	95115700	77232800	64406500
8/24/96	84135600	60525000	45860200	46190600	77318000	33729400	54159000	29464400	40666600	71424800	59384800	38370700	46099100	95248500	77286100	64545400
8/25/96	84502500	60664000	46235800	46491100	77608200	34141000	54363700	29656500	40892600	71792400	59528500	38634600	46174300	95399700	77346800	64704000
8/26/96	84881800	60807700	46625300	46802500	77912300	34568100	54576200	29855500	41126600	72179600	59671800	38908600	46253300	95556200	77410800	64868100
8/27/96	85190300	60924400	46942300	47056100	78160300	34915800	54749500	30017700	41316700	72500600	59793100	39132700	46317500	95683700	77462000	65001700
8/28/96	85587300	61085500	47264100	47400700	78462300	35352400	54930400	30195400	41538700	72839100	59923900	39286500	46405000	95821400	77520300	65180100
8/29/96	85811400	61195600	47455800	47577200	78628400	35624500	55053200	30297800	41667100	73041800	59999800	39382200	46468400	95896900	77554900	65270300
8/30/96	86088300	61316900	47705100	47797900	78834000	35942300	55202900	30430200	41829700	73299200	60098400	39535900	46531600	95999500	77598900	65390800
8/31/96	86452100	61459000	48057300	48084800	79110500	36356600	55408200	30614700	42054000	73649100	60235200	39809800	46596900	96142100	77656700	65545300

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS TREATMENT CENTER WATER METER READING LOG
SEPTEMBER 1996

	METER READINGS (GALLONS)						VOLUME OF TREATED WATER (GALLONS) AND FLOWRATE (GALLONS PER MINUTE, GPM)											
DATE	METER #1	METER #2	METER #3	METER #4	METER #5	METER #6	METER #1	METER #2	TOTAL	GPM	METER #3	METER #4	TOTAL	GPM	METER #5	METER #6	TOTAL	GPM
8/31/96	925262000	392766000	905695000	543574000	2702019000	2811704000	-	-	-	-	-	-	-	-	-	-	-	-
9/1/96	927019000	393059000	906019000	545055000	2702019000	2812612000	1757000	293000	2050000	1589	324000	1481000	1805000	1399	0	908000	908000	704
9/2/96	929308500	394933000	906019500	547369500	2702019000	2814472500	2289500	1874000	4163500	2570	500	2314500	2315000	1429	0	1860500	1860500	1148
9/3/96	931598000	396807000	906020000	549684000	2702019000	2816333000	2289500	1874000	4163500	2570	500	2314500	2315000	1429	0	1860500	1860500	1148
9/4/96	933063000	398005000	906020000	551168000	2702019000	2817524000	1465000	1198000	2663000	2536	0	1484000	1484000	1413	0	1191000	1191000	1134
9/5/96	935800000	400227000	906020000	553848000	2702019000	2819744000	2737000	2222000	4959000	2467	0	2680000	2680000	1333	0	2220000	2220000	1104
9/6/96	937575000	401646000	906020000	555666000	2702019000	2821172000	1775000	1419000	3194000	2535	0	1818000	1818000	1443	0	1428000	1428000	1133
9/7/96	939252000	402984000	906019000	557383000	2702019000	2822520000	1677000	1338000	3015000	2645	-1000	1717000	1716000	1505	0	1348000	1348000	1182
9/8/96	941222000	404565000	906019000	559373000	2702019000	2824106000	1970000	1581000	3551000	2518	0	1990000	1990000	1411	0	1586000	1586000	1125
9/9/96	943616000	406474000	906019000	561842000	2702019000	2826028000	2394000	1909000	4303000	2473	0	2469000	2469000	1419	0	1922000	1922000	1105
9/10/96	945649000	408087000	906019000	563931000	2702019000	2827657000	2033000	1613000	3646000	2532	0	2089000	2089000	1451	0	1629000	1629000	1131
9/11/96	947727000	409741000	906019000	566026000	2702019000	2829324000	2078000	1654000	3732000	2488	0	2095000	2095000	1397	0	1667000	1667000	1111
9/12/96	949811000	411389000	906019000	568095000	2702019000	2830992000	2084000	1648000	3732000	2539	0	2069000	2069000	1407	0	1668000	1668000	1135
9/13/96	951837000	412976000	906019000	569997000	2702019000	2832609000	2026000	1587000	3613000	2509	0	1902000	1902000	1321	0	1617000	1617000	1123
9/14/96	953775000	414377000	906019000	571837000	2702019000	2834096000	1938000	1401000	3339000	2420	0	1840000	1840000	1333	0	1487000	1487000	1078
9/15/96	955714000	415777000	906020000	573676000	2702019000	2835583000	1939000	1400000	3339000	2420	1000	1839000	1840000	1333	0	1487000	1487000	1078
9/16/96	957867000	417331000	906019000	575722000	2702019000	2837252000	2153000	1554000	3707000	2423	-1000	2046000	2045000	1337	0	1669000	1669000	1091
9/17/96	959856000	418761000	906019000	577613000	2702019000	2838782000	1989000	1430000	3419000	2533	0	1891000	1891000	1401	0	1530000	1530000	1133
9/18/96	961661000	420053000	906019000	579306000	2702019000	2840168000	1805000	1292000	3097000	2294	0	1693000	1693000	1254	0	1386000	1386000	1027
9/19/96	963809000	421575000	906020000	581240000	2702019000	2841809000	2148000	1522000	3670000	2399	1000	1934000	1935000	1265	0	1641000	1641000	1073
9/20/96	965807000	423006000	906020000	583244000	2702019000	2843343000	1998000	1431000	3429000	2381	0	2004000	2004000	1392	0	1534000	1534000	1065
9/21/96	967529000	424241000	906019000	584899000	2702019000	2844665000	1722000	1235000	2957000	2404	-1000	1655000	1654000	1345	0	1322000	1322000	1075
9/22/96	969295000	425506000	906019000	586605000	2702019000	2846020000	1766000	1265000	3031000	2406	0	1706000	1706000	1354	0	1355000	1355000	1075
9/23/96	971672000	427220000	906021000	588914000	2702019000	2847857000	2377000	1714000	4091000	2392	2000	2309000	2311000	1351	0	1837000	1837000	1074
9/24/96	973898000	428783000	907315000	591074000	2702019000	2849543000	2226000	1563000	3789000	2339	1294000	2160000	3454000	2132	0	1686000	1686000	1041
9/25/96	976046000	430217000	908563000	593097000	2702019000	2851145000	2148000	1434000	3582000	2341	1248000	2023000	3271000	2138	0	1602000	1602000	1047
9/26/96	977894000	431446000	909627000	594837000	2702019000	2852520000	1848000	1229000	3077000	2331	1064000	1740000	2804000	2124	0	1375000	1375000	1042
9/27/96	979617000	432559000	910603000	596443000	2702019000	2853787000	1723000	1113000	2836000	2306	976000	1606000	2582000	2099	0	1267000	1267000	1030
9/28/96	981547000	434100000	911923000	598280000	2702019000	2855341000	1930000	1541000	3471000	2515	1320000	1837000	3157000	2288	0	1554000	1554000	1126
9/29/96	983687000	435840000	913394000	600338000	2702019000	2857078000	2140000	1740000	3880000	2639	1471000	2058000	3529000	2401	0	1737000	1737000	1182
9/30/96	986151000	437825000	915009000	602796000	2702019000	2859072000	2464000	1985000	4449000	2472	1615000	2458000	4073000	2263	0	1994000	1994000	1108
TOTALS	60889000	45059000	9314000	59222000	0	47368000	60889000	45059000	105948000	2436	9314000	59222000	68536000	1576	0	47368000	47368000	1089

Note: Meters Nos. 1 & 2 are used for tracking system flow volumes. Other meters for process measurement only.

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
SEPTEMBER 1996

VOLUME OF WATER PUMPED (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5	TOTAL
9/1/96	212500	108200	184200	165500	160600	263500	115900	97900	122300	196300	72300	91200	62900	73800	33600	91800	2052500
9/2/96	412750	160050	402750	320550	323100	464550	227200	207800	251950	400200	157400	306350	75800	163800	68150	177600	4120000
9/3/96	412750	160050	402750	320550	323100	464550	227200	207800	251950	400200	157400	306350	75800	163800	68150	177600	4120000
9/4/96	263600	102200	258200	205300	217600	297900	145900	133100	161800	257800	102000	194400	56000	104700	43700	113000	2657200
9/5/96	492800	192600	483300	384700	403800	556100	272600	248400	300000	485100	188900	355800	105900	197200	82300	211800	4961300
9/6/96	313100	121000	306700	244900	243500	351900	172800	157100	186000	300900	116400	225500	67400	124900	52500	135200	3119800
9/7/96	291300	112400	282900	224400	223700	316500	152800	142600	167200	268300	107300	198000	64600	118000	49500	126400	2845900
9/8/96	351700	135900	345600	275000	283000	396400	194400	176700	208800	341300	134700	251300	76900	140300	59300	151200	3522500
9/9/96	438600	169300	434600	346700	356900	506000	249600	224200	266600	430900	163700	321500	95400	173400	73700	187300	4438400
9/10/96	362600	139000	357200	284300	280400	408700	199900	182300	215900	348700	137400	256200	80400	144900	61700	156000	3615600
9/11/96	372100	141700	365800	291400	287200	427600	204200	186600	222100	363000	142100	262800	82600	148500	63800	159400	3720900
9/12/96	372600	141000	366300	291400	298700	408900	203000	186500	223500	347700	137200	265100	83200	148600	64200	159200	3697100
9/13/96	363000	137100	357200	284800	282900	407700	168000	181300	219300	347400	136000	260800	81800	145300	63000	155600	3591200
9/14/96	353800	132950	349500	278800	283900	397300	0	174300	216000	335700	130300	254500	83000	141300	61200	136200	3328750
9/15/96	353800	132950	349500	278800	283900	397300	0	174300	215900	335600	130300	254600	83000	141200	61300	136100	3328550
9/16/96	393000	147900	387300	310300	316000	439300	0	193100	239000	372700	149600	276600	92600	157300	69000	199400	3743100
9/17/96	362500	135700	358100	286000	289100	406100	0	178000	220700	350700	135600	252200	85600	144800	63900	155400	3424400
9/18/96	326600	122100	323100	257900	255000	365100	0	160900	197900	314500	122500	226500	78200	131200	57800	139900	3079200
9/19/96	393900	146900	391800	312500	311600	444100	0	195100	241100	361700	143600	278500	94200	157600	70100	169700	3712400
9/20/96	361200	135000	359000	286800	285500	405700	0	179000	220200	345400	139100	247900	87400	145400	64500	155200	3417300
9/21/96	311600	116800	310000	248000	254300	351900	0	154800	191300	299900	116100	219000	75500	125600	56000	134600	2965400
9/22/96	319700	119500	319400	255100	255200	360800	0	158900	196300	304300	124600	224200	78000	129200	57600	138400	3041200
9/23/96	431600	161000	431200	345000	349300	487700	0	214500	265400	403300	166300	295300	105800	174800	78400	187500	4097100
9/24/96	432200	1400	418700	333500	322100	469700	0	206300	265300	397200	149200	295100	96300	167500	71600	180800	3806900
9/25/96	407500	0	394900	314000	300600	438900	0	193800	249200	372200	143800	271600	93800	159000	67500	170100	3576900
9/26/96	351100	0	340900	271200	262700	379200	0	167300	215300	316600	124500	236900	68400	136900	57800	146400	3075200
9/27/96	326400	0	317700	252600	241300	353400	0	155200	193000	296900	117700	225100	0	128200	54800	136000	2798300
9/28/96	352500	0	336400	268100	280700	381900	358000	172600	209700	335600	129800	258500	0	138400	61500	165400	3449100
9/29/96	379800	0	367800	276400	284200	408500	399500	184400	224800	337900	139600	274300	0	150800	67400	143800	3639200
9/30/96	461200	0	454000	343600	368000	511800	513600	231100	279500	430100	165200	366500	0	178600	79700	190200	4573100
TOTAL	10977800	3172700	10756800	8558100	8627900	12269000	3804600	5425900	6638000	10398100	4080600	7752600	2130500	4355000	1883700	4687200	105518500

APPENDIX H.1

ALLIANT TECHSYSTEMS TGRS EXTRACTION WELL WATER PUMPED
SEPTEMBER 1996

METER READINGS (GALLONS)

DATE	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	SC2	SC3	SC4	SC5
8/31/96	86452100	61459000	48057300	48084800	79110500	36356600	55408200	30614700	42054000	73649100	60235200	39809800	46596900	96142100	77656700	65545300
9/1/96	86664600	61567200	48241500	48250300	79271100	36620100	55524100	30712600	42176300	73845400	60307500	39901000	46659800	96215900	77690300	65637100
9/2/96	87077350	61727250	48644250	48570850	79594200	37084650	55751300	30920400	42428250	74245600	60464900	40207350	46735600	96379700	77758450	65814700
9/3/96	87490100	61887300	49047000	48891400	79917300	37549200	55978500	31128200	42680200	74645800	60622300	40513700	46811400	96543500	77826600	65992300
9/4/96	87753700	61989500	49305200	49096700	80134900	37847100	56124400	31261300	42842000	74903600	60724300	40708100	46867400	96648200	77870300	66105300
9/5/96	88246500	62182100	49788500	49481400	80538700	38403200	56397000	31509700	43142000	75388700	60913200	41063900	46973300	96845400	77952600	66317100
9/6/96	88559600	62303100	50095200	49726300	80782200	38755100	56569800	31666800	43328000	75689600	61029600	41289400	47040700	96970300	78005100	66452300
9/7/96	88850900	62415500	50378100	49950700	81005900	39071600	56722600	31809400	43495200	75957900	61136900	41487400	47105300	97088300	78054600	66578700
9/8/96	89202600	62551400	50723700	50225700	81288900	39468000	56917000	31986100	43704000	76299200	61271600	41738700	47182200	97228600	78113900	66729900
9/9/96	89641200	62720700	51158300	50572400	81645800	39974000	57166600	32210300	43970600	76730100	61435300	42060200	47277600	97402000	78187600	66917200
9/10/96	90003800	62859700	51515500	50856700	81926200	40382700	57366500	32392600	44186500	77078800	61572700	42316400	47358000	97546900	78249300	67073200
9/11/96	90375900	63001400	51881300	51148100	82213400	40810300	57570700	32579200	44408600	77441800	61714800	42579200	47440600	97695400	78313100	67232600
9/12/96	90748500	63142400	52247600	51439500	82512100	41219200	57773700	32765700	44632100	77789500	61852000	42844300	47523800	97844000	78377300	67391800
9/13/96	91111500	63279500	52604800	51724300	82795000	41626900	57941700	32947000	44851400	78136900	61988000	43105100	47605600	97989300	78440300	67547400
9/14/96	91465300	63412450	52954300	52003100	83078900	42024200	57941700	33121300	45067400	78472600	62118300	43359600	47688600	98130600	78501500	67683600
9/15/96	91819100	63545400	53303800	52281900	83362800	42421500	57941700	33295600	45283300	78808200	62248600	43614200	47771600	98271800	78562800	67819700
9/16/96	92212100	63693300	53691100	52592200	83678800	42860800	57941700	33488700	45522300	79180900	62398200	43890800	47864200	98429100	78631800	68019100
9/17/96	92574600	63829000	54049200	52878200	83967900	43266900	57941700	33666700	45743000	79531600	62533800	44143000	47949800	98573900	78695700	68174500
9/18/96	92901200	63951100	54372300	53136100	84222900	43632000	57941700	33827600	45940900	79846100	62656300	44369500	48028000	98705100	78753500	68314400
9/19/96	93295100	64098000	54764100	53448600	84534500	44076100	57941700	34022700	46182000	80207800	62799900	44648000	48122200	98862700	78823600	68484100
9/20/96	93656300	64233000	55123100	53735400	84820000	44481800	57941700	34201700	46402200	80553200	62939000	44895900	48209600	99008100	78888100	68639300
9/21/96	93967900	64349800	55433100	53983400	85074300	44833700	57941700	34356500	46593500	80853100	63055100	45114900	48285100	99133700	78944100	68773900
9/22/96	94287600	64469300	55752500	54238500	85329500	45194500	57941700	34515400	46789800	81157400	63179700	45339100	48363100	99262900	79001700	68912300
9/23/96	94719200	64630300	56183700	54583500	85678800	45682200	57941700	34729900	47055200	81560700	63346000	45634400	48468900	99437700	79080100	69099800
9/24/96	95151400	64631700	56602400	54917000	86000900	46151900	57941700	34936200	47320500	81957900	63495200	45929500	48565200	99605200	79151700	69280600
9/25/96	95558900	64631700	56997300	55231000	86301500	46590800	57941700	35130000	47569700	82330100	63639000	46201100	48659000	99764200	79219200	69450700
9/26/96	95910000	64631700	57338200	55502200	86564200	46970000	57941700	35297300	47785000	82646700	63763500	46438000	48727400	99901100	79277000	69597100
9/27/96	96236400	64631700	57655900	55754800	86805500	47323400	57941700	35452500	47978000	82943600	63881200	46663100	48727400	100029300	79331800	69733100
9/28/96	96588900	64631700	57992300	56022900	87086200	47705300	58299700	35625100	48187700	83279200	64011000	46921600	69750700	48853200	97000	79486000
9/29/96	64991800	64020500	56380400	58279000	87370400	48113800	47316300	35809500	48412500	83617100	96738600	58581800	69750700	49004000	164400	79629800
9/30/96	65453000	64020500	56834400	58622600	48707600	84057900	47829900	36040600	87722800	48614900	96903800	58948300	69750700	49182600	244100	79820000

H.2 Fiscal Year 1996 Inspection and Maintenance Activities TGRS, TCAAP

APPENDIX H.2

FISCAL YEAR 1996 INSPECTION AND MAINTENANCE ACTIVITIES
TGRS, TCAAP

October 1995	
	No notes.
November 1995	**Notes:**
11/13/95	Pumphouse SC2, 3, 4, and 5: Power outage occurred at approximately 7:50 p.m. which affected the Source Control area. Well field cycled once during the outage. Down time: 8.5 hours.
11/15/95	Pumphouse SC-2: Water flow meter inoperable. Removed flow meter from piping to thoroughly clean the heavy iron and manganese build up. Down time: 1.0 hour
11/17/95	Pumphouse B-7: Pump and motor was removed and replaced. Water level has drawn down to pump inlet. Well may require redevelopment. Down time: 8.5 hours
December 1995	**Notes:**
	No notes
January 1996	**Notes:**
1/23/96	TGRS: The daily inspection was not performed. The meter readings have been adjusted to take that into account. Down time: none
1/29/96	Pumphouse SC-2: Pump, motor, and piping were pulled for inspection. Cleaning of iron sludge. The #7 pipe joint, pitless adapter, and the 3-inch diameter check valve were replaced due to corrosion. Down time: 7.0 hours
February 1996	**Notes:**
2/6/96	Snelling Avenue CLA-VAL control valve was holding too high a back pressure causing well field to cycle. Pumphouses B7 and B12 were shut down to reduce flow and pressure in the system. Down time: 22 hours
2/8/96	Pumphouse B11: Replace broken pitless adapter O-ring. Flow meter was changed. New meter reading was 6,796,800 gallons. Down time: 23 hours
2/13/96	Pumphouse B11: Pump was pulled. Piping was worn and five lengths were replaced. Check valve had failed and was replaced. Pitless adapter O-ring was replaced. Flow meter was changed. New meter reading was 31,870,200 gallons.
March 1996	**Notes:**
3/24/96	Pumphouse B1 through B12: Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none
3/25/96	TGRS: Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

APPENDIX H.2

FISCAL YEAR 1996 INSPECTION AND MAINTENANCE ACTIVITIES
TGRS, TCAAP

3/26/96	Pumphouse B1 through B12: Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none
April 1996	**Notes:**
4/4/96	Pumphouse SC4: Flow meter inoperable. Replaced measuring chamber assembly. Down time: 1 hour
4/8/96	Treatment Center: Blower belt for air stripper tower #1 broke. Replaced broken belt. Down time: none
May 1996	**Notes:**
5/15/96	Pumphouse B3: 1/2" CRL valve failed. Replaced CRL valve. Down time: none
5/15/96	Treatment Center: Blower belt for air stripper tower #2 broke. Replaced broken belt. Down time: none
5/22/96	Pumphouse B-5: Pump motor tripping on and off. "Overload" light triggered. Trouble shoot well control panel. The LC-10 conductivity board (water level control) within control panel was faulty. Replaced board. Down time: none
5/27/96	TGRS system: Memorial Day (holiday) - Daily inspection not performed. Meter readings and flow rates have been estimated. Down time: none
5/31/96	Pumphouse SC-2: Flow meter clogged. Scheduled for repair in June. Down time: none
June 1996	**Notes:**
6/1/96	Pumphouse SC-2: Flow meter was clogging due to iron sludge buildup. Flow meter was replaced. Down time: 0.5 hours
6/2/96	Pumphouse SC-2: Flow meter was clogging due to iron sludge buildup. Flow meter was replaced. Down time: 0.5 hours
6/5/96	Pumphouse SC-2: Flow meter was clogging due to iron sludge buildup. Flow meter was replaced. Down time: 0.5 hours
6/6/96	Pumphouse SC-2: Flow meter was clogging due to iron sludge buildup. Flow meter was replaced. Down time: 0.5 hours
6/5/96	Treatment Center: Wet Well #3 was not functioning. It was restarted and functioned thereafter. Down time: 3.5 hours
6/7/96	TGRS: Meter readings for the day were not done. All meter readings are estimated. Down time: none
6/27/96	Pumphouse SC-2: Submersible pump and motor removed and replaced. Down time: 8.0 hours

APPENDIX H.2

FISCAL YEAR 1996 INSPECTION AND MAINTENANCE ACTIVITIES
TGRS, TCAAP

July 1996	Notes:
7/17/96	TGRS: Float switches located in wet wells were inspected and 3 were replaced. Down time: 23.0 hours
7/29/96	Pumphouse B11: Fuse (480 VAC system) failed and was replaced. Pumphouse restarted. Down time: 29.0 hours
August 1996	**Notes:**
8/28/96	Treatment Center: Replaced control piping needle valve. Down time: 2 hours
8/29/96	Treatment Center: E.C.V. #4 malfunctioned. Cleaned control piping and replaced strainer screen. Down time: 2 hours
8/29/96	Treatment Center: E.C.V. #2 malfunction. Replaced solenoid and coil. Down time: 13.6 hours.
8/30/96	Treatment Center: E.C.V. #1 malfunctioned. Adjusted pressure switch. Added and replaced section of electrical conduit. Added electrical box. Down time 10.3 hours
September 1996	**Notes:**
9/13/96	Pumphouse B7: Redeveloped well and repaired motor and pump as needed. Down time: 322 hours
9/23/96	Pumphouse B2: Redeveloped well and repaired motor and pump as needed. Down time: 316 hours
9/27/96	Pumphouse SC-2: Redeveloped well and repaired motor and pump as needed. Down time: 71 hours
9/27/96	Pumphouses SC-2, SC-3, SC-4, SC-5: Annual Preventative Maintenance Meter Switches: SC-2; old 48727400, new 69750700: SC-3; old 00041900, new 48727400: SC-4; old 79338200, new 00041900: SC-5; old 69750700, new 79338200. Down time: none
9/28/96	Pumphouses B-12, B-7, B-2, B-1, B-11, B-4, B-3: Annual Preventative Maintenance Meter Switches: B-12; old 4692250, new 5830840: B-7; old 58308400, new 46922500: B-2; old 64631700, new 64020500: B-1; old 96608500, new 6463160. Down time: none
9/29/96	Treatment Center: Wet Well #4 GA valve sticking. Reset valve. Down time: none
9/30/96	Pumphouses B-10, B-6, B-9, B-5, B-8: Annual preventative Maintenance Meter switches: B-10; old 83959400, new 48527100: B-6; old 48527100, new 83959400: B-9; old 48642600, new 87673400: B-5; old 87673400, new 48642600: B-8; no change. Down time: none

H.3 1996 Events TGRS, TCAAP

APPENDIX H.3

1996 EVENTS
TGRS, TCAAP

B1

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

9/28/96 Annual Preventative Maintenance Meter Switches: B-1; old 96608500, new 64631600. Down time: none

B2

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

9/23/96 Redeveloped well and repaired motor and pump as needed. Down time: 316 hours

9/28/96 Annual Preventative Maintenance Meter Switches: B-2; old 64631700, new 64020500. Down time: none

B3

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

5/15/96 1/2" CRL valve failed. Replaced CRL valve. Down time: none

9/28/96 Annual Preventative Maintenance Meter Switches: B-3; old 58024000, new 56044300. Down time: none

B4

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

9/28/96 Annual Preventative Maintenance Meter Switches: B-4; old 56044300, new 58024000. Down time: none

APPENDIX H.3

1996 EVENTS
TGRS, TCAAP

B5

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

5/22/96 Pump motor tripping on and off. "Overload" light triggered. Trouble shoot well control panel. The LC-10 conductivity board (water level control) within control panel was faulty. Replaced board. Down time: none

9/30/96 Annual Preventative Maintenance Meter Switches: B-5; old 87673400, new 48642600. Down time: none

B6

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

9/30/96 Annual Preventative Maintenance Meter Switches: B-6; old 48527100, new 83959400. Down time: none

B7

11/17/95 Pump and motor was removed and replaced. Water level has drawn down to pump inlet. Well may require redevelopment. Down time: 8.5 hours

2/6/96 Snelling Avenue CLA-VAL control valve was holding too high a back pressure causing well field to cycle. Pumphouses B7 and B12 were shut down to reduce flow and pressure in the system. Down time: 22 hours

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

9/13/96 Redeveloped well and repaired motor and pump as needed. Down time: 322 hours

9/28/96 Annual Preventative Maintenance Meter Switches: B-7; old 58308400, new 46922500. Down time: none

APPENDIX H.3

1996 EVENTS
TGRS, TCAAP

B8

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

9/30/96 Annual Preventative Maintenance Meter Switches: B-8; no change. Down time: none

B9

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

9/30/96 Annual Preventative Maintenance Meter Switches: B-9; old 48642600, new 87673400. Down time: none

B10

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

9/30/96 Annual Preventative Maintenance Meter Switches: B-10; old 83959400, new 48527100. Down time: none

B11

2/8/96 Replace broken pitless adapter O-ring. Flow meter was changed. New meter reading was 6,796,800 gallons. Down time: 23 hours

2/13/96 Pump was pulled. Piping was worn and five lengths were replaced. Check valve had failed and was replaced. Pitless adapter O-ring was replaced. Flow meter was changed. New meter reading was 31,870,200 gallons. Down time: 95 hours

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

APPENDIX H.3

1996 EVENTS
TGRS, TCAAP

7/29/96 Fuse (480 VAC system) failed and was replaced. Pumphouse restarted. Down time: 29.0 hours

9/28/96 Annual Preventative Maintenance Meter Switches: B-11; old 64020500, new 96608500. Down time: none

B12

2/6/96 Snelling Avenue CLA-VAL control valve was holding too high a back pressure causing well field to cycle. Pumphouses B7 and B12 were shut down to reduce flow and pressure in the system. Down time: 22 hours

3/24/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

3/26/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

9/28/96 Annual Preventative Maintenance Meter Switches: B-12; old 4692250, new 5830840. Down time: none

SC2

11/13/95 Power outage occurred at approximately 7:50 p.m. which affected the Source Control area. Well field cycled once during the outage. Down time: 8.5 hours.

11/15/96 Water flow meter inoperable. Removed flow meter from piping to thoroughly clean the heavy iron and manganese build up. Down time: 1.0 hour

1/29/96 Pump, motor, and piping were pulled for inspection. Cleaning of iron sludge. The #7 pipe joint, pitless adapter, and the 3-inch diameter check valve were replaced due to corrosion. Down time: 7.0 hours

5/31/96 Flow meter clogged. Scheduled for repair in June. Down time: none

6/1/96 Flow meter was clogging due to iron sludge buildup. Flow meter was replaced. Down time: 0.5 hours

6/2/96 Flow meter was clogging due to iron sludge buildup. Flow meter was replaced. Down time: 0.5 hours

6/5/96 Flow meter was clogging due to iron sludge buildup. Flow meter was replaced. Down time: 0.5 hours

6/6/96 Flow meter was clogging due to iron sludge buildup. Flow meter was replaced. Down time: 0.5 hours

APPENDIX H.3

1996 EVENTS
TGRS, TCAAP

6/27/96 Submersible pump and motor removed and replaced. Down time: 8.0 hours

9/27/96 Redeveloped well and repaired motor and pump as needed. Down time: 71 hours

9/27/96 Annual Preventative Maintenance Meter Switches: SC-2; old 48727400, new 69750700. Down time: none

SC3

11/13/96 Power outage occurred at approximately 7:50 p.m. which affected the Source Control area. Well field cycled once during the outage. Down time: 8.5 hours.

9/27/96 Annual Preventative Maintenance Meter Switches: SC-3; old 00041900, new 48727400. Down time: none

SC4

11/13/95 Power outage occurred at approximately 7:50 p.m. which affected the Source Control area. Well field cycled once during the outage. Down time: 8.5 hours.

4/4/96 Flow meter inoperable. Replaced measuring chamber assembly. Down time: 1 hour

9/27/96 Annual Preventative Maintenance Meter Switches: SC-4; old 79338200, new 00041900. Down time: none

SC5

11/13/95 Power Outage occurred at approximately 7:50 p.m. which affected the Source Control area. Well field cycled once during the outage. Down time: 8.5 hours.

9/27/96 Annual Preventative Maintenance Meter Switches: SC-5; old 69750700, new 79338200. Down time: none

TGRS

1/23/96 The daily inspection was not performed. The meter readings have been adjusted to take that into account. Down time: none

3/25/96 Due to a snowstorm the roads to pumphouses were impassable. The meter readings are estimated. Down time: none

4/8/95 Blower belt for air stripper tower #1 broke. Replaced broken belt. Down time: none

5/15/96 Blower belt for air stripper tower #2 broke. Replaced broken belt. Down time: none

5/27/96 Memorial Day (holiday) - Daily inspection not performed. Meter readings and flow rates have been estimated. Down time: none

APPENDIX H.3

1996 EVENTS
TGRS, TCAAP

6/5/96	Wet Well #3 was not functioning. It was restarted and functioned thereafter. Down time: 3.5
6/7/96	Meter readings for the day were not done. All meter readings are estimated. Down time: none
7/17/96	Float switches located in wet wells were inspected and 3 were replaced. Down time: 23.0 hours
8/28/96	Replaced control piping needle valve. Down time: 2 hours
8/29/96	E.C.V. #4 malfunctioned. Cleaned control piping and replaced strainer screen. Down time: 2 hours
8/29/96	E.C.V. #2 malfunction. Replaced solenoid and coil. Down time: 13.6 hours
8/30/96	E.C.V. #1 malfunctioned. Adjusted pressure switch. Added and replaced section of electrical conduit. Added electrical box. Down time 10.3 hours
9/28/96	Wet Well #4 GA valve sticking. Reset valve. Down time: none

H.4 Site K Operational Data

BLDG 103 GROUNDWATER TREATMENT SYSTEM
(SITE K) WATER METER READING LOG
FOR THE MONTH OF: OCTOBER 1995

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
10/2/95			CHANGED PACKING
10/3/95	4733548	1767	
10/4/95	4734895	1347	
10/5/95	4736478	1583	
10/6/95	4737877	1399	
10/9/95	4742065	4188	
10/10/95	4743135	1070	CLEANED FLOWMETER
10/11/95	4744436	1301	
10/12/95	4745933	1497	
10/13/95	4747149	1216	CLEANED FLOWMETER
10/16/95	4751082	3933	
10/18/95	4753349	2267	CLEANED FLOWMETER
10/19/95	4754553	1204	
10/20/95	4755910	1357	
10/23/95	4759155	3245	CLEANED FLOWMETER
10/24/95	4760272	1117	
10/26/95	4762599	2327	CLEANED FLOWMETER
10/27/95	4763764	1165	
10/30/95	4766107	2343	CLEANED FLOWMETER
10/31/95	4767416	1309	

BLDG 103 GROUNDWATER TREATMENT SYSTEM
(SITE K) WATER METER READING LOG
FOR THE MONTH OF: NOVEMBER, 1995

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
11/1/95	4768725	1309	
11/2/95	4770136	1411	
11/3/95	4771486	1350	
11/6/95	4774641	3155	CHANGED PACKING
11/7/95	4775935	1294	
11/9/95	4778680	2745	
11/10/95	4780047	1367	
11/13/95	4784004	3957	CLEANED FLOWMETER
11/14/95	4785535	1531	
11/16/95	4787610	2075	
11/17/95	4788632	1022	
11/20/95	4792327	3695	
11/21/95	4792741	414	CLEANED FLOWMETER
11/22/95	4794237	1496	
11/27/95	4796577	2340	CLEANED FLOWMETER
11/30/95	4800021	3444	

BLDG 103 GROUNDWATER TREATMENT SYSTEM
(SITE K) WATER METER READING LOG
FOR THE MONTH OF: DECEMBER 1995

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
12/4/95	4802098	2077	CLEANED FLOWMETER
12/5/95	4803185	1087	
12/7/95	4805397	2212	
12/11/95	4807734	2337	METER FROZEN COULD NOT
12/12/95			OPEN TO CLEAN
12/13/95			CLEANED FLOWMETER
12/14/95	4809009	1275	
12/18/95	4813345	4336	
12/20/95	4813347	2	CLEANED FLOWMETER
12/21/95	4814378	1031	
12/26/95	4816976	2598	CLEANED FLOWMETER
12/27/95	4817848	872	
12/28/95	4818387	539	
12/29/95	4819561	1174	
		19540	

ESTIMATED F FLOW 29 256 DU E TO METER PROBLEMS

BLDG 103 GROUNDWATER TREATMENT SYSTEM
(SITE K) WATER METER READING LOG
FOR THE MONTH OF: JANUARY 1996

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
1/2/96	4823117	3556	
1/3/96	4823118	1	CLEANED FLOWMETER
1/4/96	4823935	817	
1/5/96	4824932	997	
1/8/96	4826094	1162	CLEANED FLOWMETER
1/9/96	4827072	978	CHANGED PACKING
1/11/96	4829241	2169	
1/12/96	4830110	869	
1/15/96	4833645	3535	
1/16/96	4834419	774	
1/17/96	4835475	1056	
1/18/96	4836612	1137	
1/19/96	4837345	733	
1/22/96	4838781	1436	CLEANED FLOWMETER
1/23/96	4839716	935	
1/24/96	4840694	978	
1/26/96	4841670	976	METER STUCK
1/29/96	4841815	145	FROZEN COULD NOT CLEAN
		22254	

THE ACTUAL VOLUME OF WATER TREATED IS ESTIMATED
TO BE 286,600 GALLONS

BLDG 103 GROUNDWATER TREATMENT SYSTEM
(SITE K) WATER METER READING LOG
FOR THE MONTH OF: FEBRUARY 1996

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
2/1/96		4841815	
2/2/96			METER STUCK AND FROZEN
2/5/96			
2/6/96			
2/7/96			
2/8/96			
2/9/96			
2/12/96			
2/13/96	4842616	801	
2/14/96			
2/15/96	4844291	1675	
2/16/96	4845086	795	
2/19/96			
2/20/96	4845223	137	
2/21/96			
2/22/96	4845231	8	
2/23/96	4846154	923	
2/26/96			
2/27/96	4849150	2996	
2/28/96	4849879	729	
2/29/96	4850465	586	
		8650	

MAINTENANCE FOR THE MONTH OF FEBRUARY: NONE

ESTIMATED FLOW 232,000

BLDG 103 GROUNDWATER TREATMENT SYSTEM
(SITE K) WATER METER READING LOG
FOR THE MONTH OF: MARCH 1996

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
3/1/96	4851001	536	
3/4/96	4852789	1788	
3/5/96	4852853	64	
3/6/96			METER STUCK AND FROZEN
3/11/96	4852855		CLEANED FLOWMETER
3/12/96	4853535	682	
3/13/96	4854181	646	
3/15/96	4855254	1073	
3/18/96	4857363	2109	
3/19/96	4858086	723	
3/21/96	4859522	1436	
3/22/96	4859963	441	
3/25/96	#########	1925	
3/27/96	4862388	500	
3/28/96			FLOWMETER NOT WORKING
3/29/96			
		11923	

MAINTENANCE FOR THE MONTH OF MARCH: NONE

ESTIMATED FLOW 161230

BLDG 103 GROUNDWATER TREATMENT SYSTEM
(SITE K) WATER METER READING LOG
FOR THE MONTH OF: APRIL 1996

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
4/4/96	4862390	2	CLEANED FLOWMETER
4/8/96	4864338	1948	
4/11/96	4865222	884	
4/12/96	4865625	403	
4/15/96	4867453	1828	
4/17/96	4867624	171	CLEANED FLOWMETER
4/18/96	4868464	840	
4/19/96	4869006	542	
4/22/96	4870777	1771	CLEANED FLOWMETER
4/23/96	4871363	586	
4/24/96	4871860	497	
4/25/96	4872385	525	
4/26/96	4872860	475	CLEANED FLOWMETER
4/29/96	4874824	1964	
4/30/96	4875342	518	
		12952	

ESTIMATED FLOW 3/27/96 TO 4/30/96 178,500

BLDG 103 GROUNDWATER TREATMENT SYSTEM
(SITE K) WATER METER READING LOG
FOR THE MONTH OF: MAY 1996

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
5/1/96	4876002	660	
5/3/96	4876412	410	CLEANED FLOWMETER
5/6/96	4877992	350	CLEANED FLOWMETER
5/7/96	4878536	544	
5/10/96	4878953	417	CLEANED FLOWMETER
5/15/96	4879467	514	
5/16/96	4879980	513	
5/17/96	4880373	393	
5/20/96	4880812	439	CLEANED FLOWMETER
5/22/96	4881851	1039	
5/23/96	4883796	1945	PACKING CHANGED PUMP CHANGED SYSTEM FLUSHED
5/29/96	4884229	433	
5/30/96	4885997	1768	
5/31/96	4887340	1343	
		11998	

ESTIMATED FLOW 4/30/96 TO 5/31/96 168,850 GALLONS

BLDG 103 GROUNDWATER TREATMENT SYSTEM
(SITE K) WATER METER READING LOG
FOR THE MONTH OF: JUNE 1996

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
6/3/96	4891983	4643	
6/5/96	4894925	2942	
6/6/96	4896598	1673	
6/7/96	4897616	1018	CLEANED FLOWMETER
6/10/96	4899260	1644	CLEANED FLOWMETER
6/12/96	4901919	2659	
6/13/96	4903599	1680	
6/14/96	4904866	1267	
6/17/96	4908708	3842	
6/18/96	4909968	1260	
6/20/96	4911753	1785	
6/21/96	4912484	731	CLEANED FLOWMETER
6/24/96	4912488	4	CLEANED FLOWMETER
6/25/96	4913668	1180	
6/26/96	4915404	1736	
6/27/96	4916695	1291	
6/28/96	4917784	1089	
		30444	

THE ACTUAL VOLUME OF WATER TREATED IS ESTIMATED
TO BE 357,440 GALLONS

BLDG 103 (SITE K) GROUNDWATER TREATMENT SYSTEM
WATER METER READING LOG
FOR THE MONTH OF: JULY 1996

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
6/28/96	4917784	0	
7/8/96	4925297	1845	
7/9/96	4927142	1097	
7/10/96	4928239	2950	
7/12/96	4931189	2733	
7/15/96	4933922	1700	
7/16/96	4935622	1472	
7/17/96	4937094	1333	
7/18/96	4938427	4246	
7/22/96	4942673	1298	
7/23/96	4943971	1404	
7/24/96	4945375	2553	
7/26/96	4947928	3569	
7/29/96	4951497	672	
7/30/96	4952169	860	
7/31/96	4953029		
TOTAL		35245	

The actual volume of water treated is estimated to be 495,000 gallons.

BLDG 103 (SITE K) GROUNDWATER TREATMENT SYSTEM
WATER METER READING LOG
FOR THE MONTH OF: August 1996

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
7/31/96	4953029	0	
8/1/96	4953957	928	
8/2/96	4955275	1318	
8/5/96	4958735	3460	Cleaned Flowmeter
8/6/96	4959283	548	
8/8/96	4961446	2163	
8/9/96	4962992	1546	
8/12/96	4965818	2826	Cleaned Flowmeter
8/13/96	4967000	1182	
8/14/96	4968190	1190	
8/15/96	4968190	0	Not Running - Sump empty
8/16/96	4969438	1248	
8/19/96	4969934	496	
8/20/96	4970978	1044	Packing Changed
8/21/96	4971678	700	
8/22/96	4972598	920	
8/23/96	4973778	1180	
8/26/96	4976474	2696	Adjusted Flow to 10
8/27/96	4977429	955	
8/28/96	4978383	954	
8/29/96	4979242	859	
8/30/96	4980213	971	
	TOTAL	27184	

A large decrease in the volume of water treated this month was noted (271,840 gal. vs. 495,000 gal.). The cause has been traced to a reduced groundwater flow.

BLDG 103 (SITE K) GROUNDWATER TREATMENT SYSTEM
WATER METER READING LOG
FOR THE MONTH OF: September 1996

DATE	METER READING GAL X 10	VOLUME OF WATER TREATED GAL X 10	COMMENTS
8/30/96	4980213	0	
9/3/96	4983820	3607	
9/4/96	4984674	854	
9/5/96	4985398	724	
9/6/96	4986203	805	
9/7/96	4986975	772	
9/9/96	4988538	1563	Cleaned Flowmeter
9/10/96	4989895	1357	
9/11/96	4990913	1018	
9/12/96	4992263	1350	
9/13/96	4993182	919	
9/16/96	4996029	2847	
9/17/96	4997084	1055	Cleaned Flowmeter
9/18/96	4998404	1320	
9/19/96	4999789	1385	
9/20/96	5000238	449	
9/23/96	5002759	2521	Cleaned Flowmeter
9/24/96	5003698	939	
9/25/96	5004595	897	
9/26/96	5005568	973	
9/27/96	5006471	903	
9/30/96	5009440	2969	Packing Changed
TOTAL		29227	

APPENDIX I

Appendix I

Site A Removal Action
Fiscal Year 1996 Inspection & Maintenance Activities

Appendix I
Site A Removal Action
Fiscal Year 1996 Inspection and Maintenance Activities

November 1995	**Notes:**
11/95	CRA takes over operation of Site A.
December 1995-January 1996	
12/29/95-1/5/96	All wells, piping, and the effluent discharge flow meter cleaned with acid and catalyst. The catalyst was used to decrease production of iron. Total system downtime: 147 hours.
1/8/96	Replaced pumps in recovery wells 01U352 and 01U357.
1/23/96	Replaced flow meters in recovery wells 01U351-01U358.
February 1996	
2/14/96	Flow meter replaced in recovery well 01U352.
March 1996	
3/14/96	System shut down due to effluent flow meter being inoperable. Meter disassembled and cleaned. Downtime: 0.5 hour.
May 1996	
5/10/96	All wells and piping cleaned by recirculating acid. Pump parts replaced in recovery wells 01U351 and 01U356. Estimated total system downtime: 96 hours.

Appendix I
Site A Removal Action
Fiscal Year 1996 Inspection and Maintenance Activities
(continued)

July 1996	**Notes:**
7/1/96	All piping cleaned using compressed air. Recovery wells cleaned using acid. New check valves installed on wells 01U351 through 01U357. Estimated total system downtime: 24 hours.
7/2/96	Pump replaced in recovery well 01U352. Flow rates for all wells set at 5 gpm, except well 01U357 which was set at 2.5 gpm. New discharge manifold installed to allow acidic water to be recirculated through piping and meters in Building 302.
7/11/96	Recovery well 01U356 flow meter replaced due to malfunction. Estimated total downtime: 192 hours.
August 1996	
8/21/96	System cleaning to remove iron bacteria. Estimated total system downtime: 24 hours.
September 1996	
9/17/96	Repair of leaking flow meter at recovery well 01U354.
9/24/96	Pump replaced in recovery well 01U354. Flow meter replaced in recovery well 01U352.

APPENDIX J

Appendix J

PGRS Hydraulic, Operational and Chemical Data

J.1 Historical Groundwater Elevations (FT. AMSL) PGRS, TCAAP

HISTORCAL GROUNDWATER ELEVATIONS (FT. AMSL)
PGRS, TCAAP

Location	*TOC Elevation*	*3/30/94*	*3/31/94*	*4/10/94*	*4/17/94*	*4/18/94 (AM)*	*4/18/94 (noon)*
03U673	897.84	843.91	844.33	844.11	843.94	844.70	844.74
03L673	898.44	843.01	843.37	843.15	842.99	843.94	843.95
04U673	898.34	843.16	843.54	843.32	843.16	844.13	844.13
03U832	886.82	834.71	835.06	834.98	835.03	835.52	835.54
03L832	886.85	834.58	834.90	834.89	834.95	835.40	835.42
04U832	885.31	834.45	834.74	834.79	835.29	835.29	835.29
03L841	911.91	842.37	842.76	842.53	842.26	843.29	843.31
04U841	912.47	842.56	842.91	842.70	842.45	843.50	843.52
04U844	886.74	834.39	834.72	834.69	834.76	835.23	835.24
04U845	894.91	-	836.46	836.43	836.43	836.99	836.98
03L846	888.54	-	-	-	832.63	832.95	832.89
04U846	889.46	831.87	831.96	832.13	832.31	832.56	832.06
03M848	904.12	840.95	841.39	841.15	841.02	841.77	841.80
03L848	903.91	841.44	841.84	841.61	841.47	842.28	842.30
04U848	903.92	842.18	842.57	842.37	842.18	843.11	843.15
04U851	914.51	831.29	831.38	831.63	831.81	832.05	831.69
04U852	905.66	829.18	829.28	829.61	829.76	830.03	829.71
03L854	892.41	838.39	838.88	838.58	838.55	839.16	839.19
04U854	891.95	834.73	835.14	835.20	835.27	835.66	835.71
03L859	903.55	838.96	839.48	839.16	839.08	839.77	839.79
04U859	903.73	841.83	842.22	841.98	841.81	842.75	842.78
03L860	896.79	838.65	839.10	838.83	838.81	839.43	839.45
04U860	896.61	834.70	835.04	835.11	835.18	835.61	835.61
03L861	891.35	836.95	837.47	837.18	837.15	837.77	837.80
04U861	890.91	834.90	835.25	835.28	835.31	835.77	835.76
04U863	895.33	834.31	834.59	834.67	834.79	835.13	835.13
04U864	908.67	832.60	832.70	832.91	833.07	833.25	832.07
04J864	908.79	827.76	828.03	828.45	829.15	829.53	829.42
04U865	915.60	833.15	833.30	833.45	833.63	833.83	832.46
04U866	910.60	831.97	832.05	832.27	832.44	832.60	831.25
04J866	910.69	828.46	828.73	829.14	829.87	830.19	830.07
04U877	923.08	831.31	831.30	831.57	831.77	831.95	831.53
MPCA1L3	898.25	-	838.03	837.71	837.65	838.30	838.35
MPCA1U4	898.60	-	836.33	836.18	836.13	836.74	836.75
MPCA2L3	872.05	-	833.60	833.59	833.68	834.10	833.95
MPCA2U4	872.19	-	832.71	832.78	832.93	833.29	832.99
414U4	893.95	834.05	834.33	834.45	834.61	834.94	834.85
MW15H	911.52	-	834.81	834.67	834.77	835.28	835.27
NB WELL 13	914.66	-	-	-	-	-	820.66

HISTORCAL GROUNDWATER ELEVATIONS (FT. AMSL)
PGRS, TCAAP

Location	*TOC Elevation*	*4/18/94 (PM)*	*4/19/94*	*4/20/94*	*4/21/94*	*4/22/94*	*4/25/94*
03U673	897.84	844.74	844.10	844.00	844.04	844.13	844.67
03L673	898.44	843.86	843.12	843.09	843.09	843.17	843.58
04U673	898.34	844.04	843.29	843.27	843.26	843.34	843.73
03U832	886.82	835.43	834.87	834.98	835.08	835.17	835.37
03L832	886.85	835.27	834.71	834.85	834.99	835.07	835.24
04U832	885.31	835.11	834.59	834.74	834.89	834.98	835.12
03L841	911.91	843.21	842.42	842.39	842.39	842.50	842.90
04U841	912.47	843.42	842.59	842.59	842.56	842.67	843.03
04U844	886.74	835.08	834.47	834.64	834.76	834.83	835.01
04U845	894.91	836.84	836.26	836.38	836.47	836.53	836.80
03L846	888.54	832.81	832.48	832.63	832.71	832.72	832.83
04U846	889.46	831.91	831.51	832.16	832.27	832.22	832.31
03M848	904.12	841.79	841.15	841.11	841.15	841.25	841.69
03L848	903.91	842.27	841.58	841.55	841.59	841.70	842.11
04U848	903.92	843.07	842.32	842.29	842.28	842.42	842.80
04U851	914.51	831.44	830.98	831.45	831.70	831.65	831.76
04U852	905.66	829.40	828.94	829.32	829.49	829.41	829.59
03L854	892.41	839.21	838.66	838.62	838.70	838.93	839.27
04U854	891.95	835.50	834.97	835.11	835.22	835.40	835.49
03L859	903.55	839.79	839.21	839.16	838.72	839.47	839.77
04U859	903.73	842.68	841.93	841.92	841.92	842.12	842.39
03L860	896.79	839.45	838.92	838.89	838.94	839.06	839.52
04U860	896.61	835.46	834.89	835.08	835.21	835.23	835.46
03L861	891.35	837.80	837.24	837.21	837.29	837.54	837.83
04U861	890.91	835.61	835.06	835.22	835.36	835.49	835.60
04U863	895.33	834.93	834.44	834.63	834.70	834.88	835.06
04U864	908.67	831.80	831.30	832.26	833.04	833.04	833.16
04J864	908.79	829.15	828.31	828.54	828.52	828.28	828.45
04U865	915.60	832.16	831.66	832.80	833.64	833.69	833.79
04U866	910.60	830.96	830.51	831.60	832.40	832.39	832.46
04J866	910.69	829.79	828.94	829.23	829.21	829.22	829.13
04U877	923.08	831.34	830.95	831.54	831.71	831.64	831.76
MPCA1L3	898.25	838.34	837.76	837.73	837.81	838.02	838.33
MPCA1U4	898.60	836.68	836.08	836.14	836.20	836.36	836.57
MPCA2L3	872.05	833.83	833.33	833.60	833.74	833.74	833.88
MPCA2U4	872.19	832.85	832.39	832.83	832.93	832.93	832.98
414U4	893.95	834.61	834.10	834.37	834.59	834.65	834.82
MW15H	911.52	835.23	834.61	834.72	834.83	834.92	835.14
NB WELL 13	914.66	-	824.16	829.86	-	832.78	-

HISTORCAL GROUNDWATER ELEVATIONS (FT. AMSL)
PGRS, TCAAP

Location	*TOC Elevation*	*4/26/94*	*4/28/94*	*4/29/94*	*5/2/94* *0.49*	*5/9/94* *0.43*	*5/16/94* *0.48*
03U673	897.84	844.90	843.92	843.92	844.20	844.37	843.97
03L673	898.44	843.76	842.98	842.94	843.21	843.27	842.91
04U673	898.34	843.91	843.15	843.11	843.38	843.43	843.08
03U832	886.82	835.44	834.81	834.82	835.25	835.04	834.44
03L832	886.85	835.28	834.64	834.70	835.13	834.91	834.31
04U832	885.31	835.15	834.50	834.61	835.02	834.81	834.19
03L841	911.91	843.10	842.28	842.26	842.52	842.56	842.26
04U841	912.47	843.22	842.45	842.44	842.69	842.72	842.39
04U844	886.74	835.00	834.39	834.45	834.86	834.65	834.05
04U845	894.91	836.84	836.20	836.30	836.69	836.51	835.93
03L846	888.54	832.87	832.39	832.44	832.69	832.45	832.07
04U846	889.46	832.01	831.32	831.91	832.15	831.68	831.18
03M848	904.12	841.90	841.04	841.02	841.30	841.41	841.01
03L848	903.91	842.31	841.46	841.45	841.72	841.81	841.40
04U848	903.92	842.96	842.20	842.17	842.42	842.46	842.10
04U851	914.51	831.66	830.84	830.88	831.60	831.26	830.60
04U852	905.66	829.48	828.93	828.86	829.51	829.29	828.53
03L854	892.41	839.51	838.57	838.58	838.88	839.03	838.55
04U854	891.95	835.52	834.87	835.10	835.49	835.23	834.58
03L859	903.55	840.02	839.09	839.08	839.40	839.50	839.04
04U859	903.73	842.59	841.78	841.79	842.05	842.08	841.71
03L860	896.79	839.72	838.84	838.81	839.12	839.28	838.78
04U860	896.61	835.39	834.84	835.00	835.35	835.11	834.47
03L861	891.35	838.04	837.14	837.15	837.47	837.54	836.99
04U861	890.91	835.62	835.00	835.13	835.53	835.30	834.71
04U863	895.33	834.94	834.38	834.40	834.95	834.73	834.02
04U864	908.67	832.61	831.25	831.28	832.89	832.27	830.77
04J864	908.79	828.25	828.26	827.87	828.51	828.76	827.29
04U865	915.60	832.15	831.59	831.62	833.75	832.68	831.35
04U866	910.60	830.94	830.35	830.44	832.08	831.65	830.15
04J866	910.69	828.84	828.98	828.54	829.17	829.48	827.90
04U877	923.08	831.58	830.62	830.83	831.45	831.11	830.61
MPCA1L3	898.25	838.54	837.63	837.64	837.97	838.01	837.51
MPCA1U4	898.60	836.67	835.95	836.02	836.38	836.19	835.69
MPCA2L3	872.05	833.91	833.25	833.32	833.77	833.45	832.93
MPCA2U4	872.19	832.94	832.24	832.41	832.89	832.52	831.96
414U4	893.95	834.60	834.02	834.04	834.72	834.45	833.68
MW15H	911.52	835.24	834.60	834.62	835.04	834.76	834.14
NB WELL 13	914.66	822.66	822.16	822.21	822.66	830.87	821.81

HISTORCAL GROUNDWATER ELEVATIONS (FT. AMSL)
PGRS, TCAAP

Location	*TOC Elevation*	*5/23/94*	*6/20/94 0.49*	*7/19/94 0.60*	*10/10/94*	*1/27/95*	*3/6/95*
03U673	897.84	844.35	844.01	845.00	843.06	843.42	843.31
03L673	898.44	843.20	842.81	844.33	842.23	842.24	842.12
04U673	898.34	843.34	842.95	843.93	842.43	842.39	842.24
03U832	886.82	834.31	833.55	833.48	832.65	833.36	833.24
03L832	886.85	834.14	833.33	833.25	832.49	833.20	833.48
04U832	885.31	833.99	833.19	833.09	832.39	833.07	833.14
03L841	911.91	842.50	842.10	843.37	841.48	841.55	841.42
04U841	912.47	842.60	842.20	843.55	841.71	841.65	841.53
04U844	886.74	833.90	833.18	833.20	832.29	833.09	833.16
04U845	894.91	835.83	835.16	835.29	834.23	834.94	834.94
03L846	888.54	831.96	831.16	830.78	830.16	830.74	830.92
04U846	889.46	830.91	830.06	829.74	829.44	830.11	830.23
03M848	904.12	841.31	840.84	841.46	839.75	840.21	840.14
03L848	903.91	841.69	841.18	841.95	840.28	840.62	frozen
04U848	903.92	842.36	841.94	843.02	841.27	841.40	841.27
04U851	914.51	830.23	829.20	829.01	828.85	829.72	829.87
04U852	905.66	827.90	plugged	826.62	826.83	827.91	828.13
03L854	892.41	838.81	838.26	838.30	836.93	837.56	837.59
04U854	891.95	834.44	833.63	833.60	832.83	833.52	833.54
03L859	903.55	839.30	838.79	839.07	837.48	838.14	838.15
04U859	903.73	841.92	841.51	842.57	840.83	840.96	840.88
03L860	896.79	839.09	838.51	838.54	837.22	837.86	837.84
04U860	896.61	834.31	833.57	833.41	832.75	833.38	833.43
03L861	891.35	837.17	836.55	836.54	835.25	835.99	836.03
04U861	890.91	834.53	833.78	833.76	832.97	833.63	833.66
04U863	895.33	833.82	832.92	832.79	832.18	832.85	832.95
04U864	908.67	830.76	829.72	829.55	829.07	829.71	829.88
04J864	908.79	826.49	825.46	825.93	825.04	826.81	826.92
04U865	915.60	831.14	830.22	830.04	829.54	830.14	830.24
04U866	910.60	829.96	828.90	828.72	828.28	828.97	829.22
04J866	910.69	827.25	826.26	826.71	825.71	827.46	827.57
04U877	923.08	830.30	829.34	828.98	828.84	829.50	829.76
MPCA1L3	898.25	837.70	837.13	837.27	835.82	836.58	836.59
MPCA1U4	898.60	835.64	835.03	835.22	834.05	834.74	834.80
MPCA2L3	872.05	832.75	831.94	831.81	831.12	831.89	831.93
MPCA2U4	872.19	831.78	830.93	830.71	830.14	830.91	830.99
414U4	893.95	833.44	832.55	832.43	831.91	832.59	832.67
MW15H	911.52	834.12	833.30	833.12	832.36	833.11	833.19
NB WELL 13	914.66	-	820.58	820.26	819.41	819.66	819.66

HISTORCAL GROUNDWATER ELEVATIONS (FT. AMSL)
PGRS, TCAAP

Location	*TOC Elevation*	*6/21/95 8:00 A.M.*	*9/5/95*	*12/14/95*	*3/5/96*	*5/28/96*	*9/16/96*
03U673	897.84	843.59	842.55	843.33	843.28	843.84	842.44
03L673	898.44	842.76	841.34	842.14	842.23	842.84	840.97
04U673	898.34	842.96	841.49	842.29	842.38	843.00	841.08
03U832	886.82	833.02	832.57	833.26	833.55	834.26	831.27
03L832	886.85	832.82	832.40	833.11	833.40	834.55	831.09
04U832	885.31	832.63	832.27	832.97	833.27	833.89	830.93
03L841	911.91	842.03	840.53	841.48	841.47	842.13	840.18
04U841	912.47	842.23	840.69	841.59	841.63	842.30	840.27
04U844	886.74	832.59	832.22	833.00	833.26	833.75	830.99
04U845	894.91	834.64	834.06	834.87	835.07	835.70	832.94
03L846	888.54	830.62	830.20	830.51	830.94	831.51	828.83
04U846	889.46	829.35	829.25	829.69	830.08	830.17	827.71
03M848	904.12	840.39	839.38	840.18	frozen	840.85	838.97
03L848	903.91	840.91	840.48	840.61	frozen	841.28	839.39
04U848	903.92	841.82	840.49	841.33	frozen	841.99	840.08
04U851	914.51	828.58	828.55	829.49	829.91	829.86	827.25
04U852	905.66	826.08	826.04	827.66	828.16	827.76	obstructed
03L854	892.41	837.56	836.87	837.63	837.65	838.41	836.06
04U854	891.95	833.00	832.68	833.46	833.71	834.36	831.41
03L859	903.55	838.12	837.33	838.14	838.13	838.95	836.53
04U859	903.73	841.42	840.09	840.95	841.00	841.63	839.47
03L860	896.79	837.83	837.11	837.90	837.92	838.66	836.58
04U860	896.61	832.98	832.57	833.40	833.59	834.30	831.38
03L861	891.35	835.86	835.23	836.03	836.09	836.89	834.22
04U861	890.91	833.20	832.80	833.59	833.75	834.45	831.56
04U863	895.33	832.42	832.09	832.76	833.14	833.75	830.86
04U864	908.67	829.10	829.01	829.50	829.97	830.23	827.63
04J864	908.79	824.22	824.77	827.23	827.49	826.50	823.55
04U865	915.60	829.50	829.33	829.67	830.41	830.63	827.84
04U866	910.60	828.24	828.14	828.40	829.06	829.14	826.74
04J866	910.69	825.13	825.55	827.80	828.07	827.17	824.83
04U877	923.08	828.63	828.71	829.14	829.53	829.48	827.06
MPCA1L3	898.25	836.45	835.79	836.58	836.63	837.35	834.80
MPCA1U4	898.60	834.49	833.89	834.68	834.85	835.45	832.73
MPCA2L3	872.05	831.43	831.08	831.63	832.03	832.55	829.74
MPCA2U4	872.19	830.31	830.07	830.62	830.99	831.36	828.69
414U4	893.95	832.03	830.77	832.48	832.90	833.36	830.57
MW15H	911.52	832.85	832.41	833.02	833.34	834.10	831.10
NB WELL 13	914.66	819.66	819.66	816.10	820.01	819.66	819.66

J.2 Daily Pumping Summary for Fiscal Year 1996 (in 1,000 gallons) PGRS, TCAAP

APPENDIX J.2

DAILY PUMPING SUMMARY FOR FISCAL YEAR 1996
(IN 1,000 GALLONS)
PGRS, TCAAP

Day	*October*	*November*	*December*	*January*	*February*	*March*	*April*	*May*	*June*	*July*	*August*	*September*
1	1,408	1435	1,392	1,378	1,400	1,360	1,510	1,444	1,278	1,448	1,397	1,341
2	1,299	1055	1,502	1,534	1,446	1,456	586	1,399	1,480	1,589	1,449	1,528
3	1,382	1618	1,410	1,476	1,488	1,332	1,427	1,446	1,573	1,246	1,379	1,241
4	1,367	1029	1,390	1,360	1,529	1,582	1,406	1,434	1,291	1,367	1,447	1,395
5	1,266	1033	1,403	1,466	1,073	1,257	1,466	1,472	1,454	1,471	1,388	1,450
6	1,357	950	1,491	1,569	1,420	1,486	1,440	1,427	1,395	1,378	1,438	1,498
7	1,374	1006	1,364	1,304	1,394	1,359	1,472	1,451	1,443	1,466	1,393	1,444
8	1,505	1007	1,392	1,362	1,439	1,456	1,323	1,442	1,407	1,417	1,452	1,322
9	1,365	1001	1,594	1,331	1,394	1,441	1,398	1,390	1,425	1,452	1,407	1,507
10	1,342	1035	1,310	1,400	1,451	1,493	1,454	1,402	1,185	1,398	1,496	1,408
11	1,406	948	1,405	1,616	1,444	1,306	1,265	1,295	1,014	1,444	1,477	1,448
12	1,444	1286	1,430	1,206	1,444	1,450	1,461	1,429	1,324	1,452	1,371	409
13	1,401	944	1,405	1,481	1,397	1,400	1,379	1,496	1,436	1,489	1,353	1,236
14	1,464	1022	1,554	1,398	1,545	1,466	1,371	0	1,396	1,382	1,446	1,498
15	1,385	988	1,838	1,513	1,310	1,383	1,465	0	1,566	1,492	1,437	1,493
16	1,384	1030	1,743	1,308	1,334	1,429	1,397	0	1,317	1,389	1,313	1,227
17	1,400	1365	1,640	59	1,450	1,424	1,460	0	1,422	1,454	1,341	1,480
18	1,450	1389	1,615	0	1,511	1,338	1,376	0	1,404	1,372	1,414	1,445
19	1,395	1442	1,731	0	1,266	1,400	1,491	0	1,455	1,419	1,496	1,395
20	1,349	1431	1,670	0	1,354	1,364	1,343	0	1,366	1,427	1,443	1,455
21	1,368	1398	1,732	0	1,399	1,543	1,536	0	1,565	1,496	1,403	855
22	1,254	1447	1,673	0	1,455	1,095	1,382	0	1,153	1,317	1,551	1
23	1,640	1536	1,487	0	1,411	1,388	1,339	0	1,164	1,406	1,391	0
24	1,431	1379	1,430	0	1,450	1,507	1,451	0	5	1,453	1,519	1,238
25	1,404	1399	1,526	0	1,412	1,439	1,387	0	1,220	1,445	1,368	1,456
26	1,444	1410	1,244	1,066	1,269	1,405	1,463	0	1,440	1,404	1,413	1,392
27	1,408	1346	1,453	1,639	1,454	1,444	1,442	0	1,448	1,399	1,453	1,454
28	1,473	1450	1,398	1,279	1,393	1,410	1,433	0	1,398	1,266	1,397	1,096
29	1,583	1428	1,448	1,471	1,480	1,435	1,408	0	1,416	1,420	1,395	1,788
30	1,328	1547	1,514	1,407	-	1,328	1,401	0	1,446	1,211	1,456	1,367
31	1,388	-	1,274	1,458	-	1,302	-	212	-	1,455	1,588	-
Total	43,464	37,354	46,458	31,081	40,812	43,478	41,732	18,739	39,886	43,824	44,271	37,867

J.3 Fiscal Year 1996 Influent/Effluent Database PGRS, TCAAP

APPENDIX J.3

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
PGRS, TCAAP

Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13E	111TCE	CR	PC	10/3/95	HWG 006	< 1	
NB13E	111TCE	CR	PC	11/7/95	HWH 009	< 1	
NB13E	111TCE	CR	PC	12/5/95	HWI 017	< 1	
NB13E	111TCE	CR	PC	1/5/96	HWL 009	< 1	
NB13E	111TCE	CR	PC	2/6/96	HWN 008	< 1	?
NB13E	111TCE	CR	PC	3/7/96	HWP 005	0.806	1?
NB13E	111TCE	CR	PC	4/2/96	HWS 007	< 1	?
NB13E	111TCE	CR	PC	5/7/96	HWT 008	< 1	?
NB13E	111TCE	CR	UB	6/4/96	AXNK 018	< 0.76	
NB13E	111TCE	CR	UB	7/2/96	AXWU 006	< 0.76	
NB13E	111TCE	CR	UB	8/9/96	AYIK 005	< 0.76	
NB13E	111TCE	CR	UB	9/5/96	AYZB 016	< 0.76	
NB13E	111TCE	CR	UB	9/5/96	AYZB 017	< 0.76	D
NB13E	112TCE	CR	PC	10/3/95	HWG 006	< 1	
NB13E	112TCE	CR	PC	11/7/95	HWH 009	< 1	
NB13E	112TCE	CR	PC	12/5/95	HWI 017	< 1	
NB13E	112TCE	CR	PC	1/5/96	HWL 009	< 1	
NB13E	112TCE	CR	PC	2/6/96	HWN 008	< 1	?
NB13E	112TCE	CR	PC	3/7/96	HWP 005	< 1	?
NB13E	112TCE	CR	PC	4/2/96	HWS 007	< 1	?
NB13E	112TCE	CR	PC	5/7/96	HWT 008	< 1	?
NB13E	112TCE	CR	UB	6/4/96	AXNK 018	< 0.78	
NB13E	112TCE	CR	UB	7/2/96	AXWU 006	< 0.78	
NB13E	112TCE	CR	UB	8/9/96	AYIK 005	< 0.78	
NB13E	112TCE	CR	UB	9/5/96	AYZB 016	< 0.78	
NB13E	112TCE	CR	UB	9/5/96	AYZB 017	< 0.78	D
NB13E	11DCE	CR	PC	10/3/95	HWG 006	< 1	
NB13E	11DCE	CR	PC	11/7/95	HWH 009	< 1	
NB13E	11DCE	CR	PC	12/5/95	HWI 017	< 1	
NB13E	11DCE	CR	PC	1/5/96	HWL 009	< 1	
NB13E	11DCE	CR	PC	2/6/96	HWN 008	< 1	?
NB13E	11DCE	CR	PC	3/7/96	HWP 005	< 1	?
NB13E	11DCE	CR	PC	4/2/96	HWS 007	< 1	?
NB13E	11DCE	CR	PC	5/7/96	HWT 008	< 1	?
NB13E	11DCE	CR	UB	6/4/96	AXNK 018	< 1.7	
NB13E	11DCE	CR	UB	7/2/96	AXWU 006	< 1.7	
NB13E	11DCE	CR	UB	8/9/96	AYIK 005	< 1.7	
NB13E	11DCE	CR	UB	9/5/96	AYZB 016	< 1.7	
NB13E	11DCE	CR	UB	9/5/96	AYZB 017	< 1.7	D
NB13E	11DCLE	CR	PC	10/3/95	HWG 006	< 0.78	

APPENDIX J.3

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
PGRS, TCAAP

Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13E	11DCLE	CR	PC	11/7/95	HWH 009	< 0.78	
NB13E	11DCLE	CR	PC	12/5/95	HWI 017	< 0.78	
NB13E	11DCLE	CR	PC	1/5/96	HWL 009	< 0.78	
NB13E	11DCLE	CR	PC	2/6/96	HWN 008	< 0.78	?
NB13E	11DCLE	CR	PC	3/7/96	HWP 005	< 0.78	?
NB13E	11DCLE	CR	PC	4/2/96	HWS 007	< 0.78	?
NB13E	11DCLE	CR	PC	5/7/96	HWT 008	< 0.78	?
NB13E	11DCLE	CR	UB	6/4/96	AXNK 018	< 0.73	
NB13E	11DCLE	CR	UB	7/2/96	AXWU 006	< 0.73	
NB13E	11DCLE	CR	UB	8/9/96	AYIK 005	< 0.73	
NB13E	11DCLE	CR	UB	9/5/96	AYZB 016	< 0.73	
NB13E	11DCLE	CR	UB	9/5/96	AYZB 017	< 0.73	D
NB13E	12DCE	CR	PC	10/3/95	HWG 006	< 0.5	
NB13E	12DCE	CR	PC	11/7/95	HWH 009	< 0.5	
NB13E	12DCE	CR	PC	12/5/95	HWI 017	< 0.5	
NB13E	12DCE	CR	PC	1/5/96	HWL 009	< 0.5	I
NB13E	12DCE	CR	PC	2/6/96	HWN 008	< 0.5	?
NB13E	12DCE	CR	PC	3/7/96	HWP 005	< 0.5	?
NB13E	12DCE	CR	PC	4/2/96	HWS 007	< 0.5	?
NB13E	12DCE	CR	PC	5/7/96	HWT 008	< 0.5	?
NB13E	12DCE	CR	UB	6/4/96	AXNK 018	< 0.76	
NB13E	12DCE	CR	UB	7/2/96	AXWU 006	< 0.76	
NB13E	12DCE	CR	UB	8/9/96	AYIK 005	< 0.76	
NB13E	12DCE	CR	UB	9/5/96	AYZB 016	< 0.76	
NB13E	12DCE	CR	UB	9/5/96	AYZB 017	< 0.76	D
NB13E	12DCLE	CR	PC	10/3/95	HWG 006	< 0.5	
NB13E	12DCLE	CR	PC	11/7/95	HWH 009	< 0.5	
NB13E	12DCLE	CR	PC	12/5/95	HWI 017	< 0.5	
NB13E	12DCLE	CR	PC	1/5/96	HWL 009	< 0.5	
NB13E	12DCLE	CR	PC	2/6/96	HWN 008	< 0.5	?
NB13E	12DCLE	CR	PC	3/7/96	HWP 005	< 0.5	?
NB13E	12DCLE	CR	PC	4/2/96	HWS 007	< 0.5	?
NB13E	12DCLE	CR	PC	5/7/96	HWT 008	< 0.5	?
NB13E	12DCLE	CR	UB	6/4/96	AXNK 018	< 1.1	
NB13E	12DCLE	CR	UB	7/2/96	AXWU 006	< 1.1	
NB13E	12DCLE	CR	UB	8/9/96	AYIK 005	< 1.1	
NB13E	12DCLE	CR	UB	9/5/96	AYZB 016	< 1.1	
NB13E	12DCLE	CR	UB	9/5/96	AYZB 017	< 1.1	D
NB13E	12DCLP	CR	PC	10/3/95	HWG 006	< 1	
NB13E	12DCLP	CR	PC	11/7/95	HWH 009	< 1	

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Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13E	12DCLP	CR	PC	12/5/95	HWI 017	< 1	
NB13E	12DCLP	CR	PC	1/5/96	HWL 009	< 1	
NB13E	12DCLP	CR	PC	2/6/96	HWN 008	< 1	?
NB13E	12DCLP	CR	PC	3/7/96	HWP 005	< 1	?
NB13E	12DCLP	CR	PC	4/2/96	HWS 007	< 1	?
NB13E	12DCLP	CR	PC	5/7/96	HWT 008	< 1	?
NB13E	12DCLP	CR	UB	6/4/96	AXNK 018	< 1	
NB13E	12DCLP	CR	UB	7/2/96	AXWU 006	< 1	T
NB13E	12DCLP	CR	UB	8/9/96	AYIK 005	< 1	T
NB13E	12DCLP	CR	UB	9/5/96	AYZB 016	< 1	T
NB13E	12DCLP	CR	UB	9/5/96	AYZB 017	< 1	TD
NB13E	C2H3CL	CR	PC	10/3/95	HWG 006	< 1.9	
NB13E	C2H3CL	CR	PC	11/7/95	HWH 009	< 1.9	
NB13E	C2H3CL	CR	PC	12/5/95	HWI 017	< 1.9	
NB13E	C2H3CL	CR	PC	1/5/96	HWL 009	< 1.9	
NB13E	C2H3CL	CR	PC	2/6/96	HWN 008	< 1.9	?
NB13E	C2H3CL	CR	PC	3/7/96	HWP 005	< 1.9	?
NB13E	C2H3CL	CR	PC	4/2/96	HWS 007	< 1.9	?
NB13E	C2H3CL	CR	PC	5/7/96	HWT 008	< 1.9	?
NB13E	C2H3CL	CR	UB	6/4/96	AXNK 018	< 1.01	
NB13E	C2H3CL	CR	UB	7/2/96	AXWU 006	< 1.01	M
NB13E	C2H3CL	CR	UB	8/9/96	AYIK 005	< 1.01	
NB13E	C2H3CL	CR	UB	9/5/96	AYZB 016	< 1.01	
NB13E	C2H3CL	CR	UB	9/5/96	AYZB 017	< 1.01	D
NB13E	CCL4	CR	PC	10/3/95	HWG 006	< 1.3	
NB13E	CCL4	CR	PC	11/7/95	HWH 009	< 1.3	
NB13E	CCL4	CR	PC	12/5/95	HWI 017	< 1.3	
NB13E	CCL4	CR	PC	1/5/96	HWL 009	< 1.3	
NB13E	CCL4	CR	PC	2/6/96	HWN 008	< 1.3	?
NB13E	CCL4	CR	PC	3/7/96	HWP 005	< 1.3	?
NB13E	CCL4	CR	PC	4/2/96	HWS 007	< 1.3	?
NB13E	CCL4	CR	PC	5/7/96	HWT 008	< 1.3	?
NB13E	CCL4	CR	UB	6/4/96	AXNK 018	< 0.99	
NB13E	CCL4	CR	UB	7/2/96	AXWU 006	< 0.99	
NB13E	CCL4	CR	UB	8/9/96	AYIK 005	< 0.99	
NB13E	CCL4	CR	UB	9/5/96	AYZB 016	< 0.99	
NB13E	CCL4	CR	UB	9/5/96	AYZB 017	< 0.99	D
NB13E	CH2CL2	CR	PC	10/3/95	HWG 006	< 3.2	
NB13E	CH2CL2	CR	PC	11/7/95	HWH 009	< 3.2	
NB13E	CH2CL2	CR	PC	12/5/95	HWI 017	1.67	1

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Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13E	CH2CL2	CR	PC	1/5/96	HWL 009	< 3.2	
NB13E	CH2CL2	CR	PC	2/6/96	HWN 008	< 3.2	?
NB13E	CH2CL2	CR	PC	3/7/96	HWP 005	< 3.2	?
NB13E	CH2CL2	CR	PC	4/2/96	HWS 007	< 3.2	?
NB13E	CH2CL2	CR	PC	5/7/96	HWT 008	< 3.2	?
NB13E	CH2CL2	CR	UB	6/4/96	AXNK 018	< 7.4	
NB13E	CH2CL2	CR	UB	7/2/96	AXWU 006	< 7.4	
NB13E	CH2CL2	CR	UB	8/9/96	AYIK 005	< 7.4	
NB13E	CH2CL2	CR	UB	9/5/96	AYZB 016	< 7.4	
NB13E	CH2CL2	CR	UB	9/5/96	AYZB 017	< 7.4	D
NB13E	CHCL3	CR	PC	10/3/95	HWG 006	< 0.72	
NB13E	CHCL3	CR	PC	11/7/95	HWH 009	< 0.72	
NB13E	CHCL3	CR	PC	12/5/95	HWI 017	< 0.72	
NB13E	CHCL3	CR	PC	1/5/96	HWL 009	< 0.72	
NB13E	CHCL3	CR	PC	2/6/96	HWN 008	< 0.72	?
NB13E	CHCL3	CR	PC	3/7/96	HWP 005	< 0.72	?
NB13E	CHCL3	CR	PC	4/2/96	HWS 007	< 0.72	?
NB13E	CHCL3	CR	PC	5/7/96	HWT 008	< 0.72	?
NB13E	CHCL3	CR	UB	6/4/96	AXNK 018	< 0.5	
NB13E	CHCL3	CR	UB	7/2/96	AXWU 006	< 0.5	
NB13E	CHCL3	CR	UB	8/9/96	AYIK 005	< 0.5	
NB13E	CHCL3	CR	UB	9/5/96	AYZB 016	< 0.5	
NB13E	CHCL3	CR	UB	9/5/96	AYZB 017	< 0.5	D
NB13E	T12DCE	CR	PC	10/3/95	HWG 006	< 0.3	T
NB13E	T12DCE	CR	PC	11/7/95	HWH 009	< 0.3	T
NB13E	T12DCE	CR	PC	12/5/95	HWI 017	< 0.3	T
NB13E	T12DCE	CR	PC	1/5/96	HWL 009	< 0.3	T
NB13E	T12DCE	CR	PC	2/6/96	HWN 008	< 0.3	T?
NB13E	T12DCE	CR	PC	3/7/96	HWP 005	< 0.3	T?
NB13E	T12DCE	CR	PC	4/2/96	HWS 007	< 0.3	T?
NB13E	T12DCE	CR	PC	5/7/96	HWT 008	< 0.3	T?
NB13E	TCLEE	CR	PC	10/3/95	HWG 006	< 1	
NB13E	TCLEE	CR	PC	11/7/95	HWH 009	< 1	
NB13E	TCLEE	CR	PC	12/5/95	HWI 017	< 1	
NB13E	TCLEE	CR	PC	1/5/96	HWL 009	< 1	
NB13E	TCLEE	CR	PC	2/6/96	HWN 008	< 1	?
NB13E	TCLEE	CR	PC	3/7/96	HWP 005	< 1	?
NB13E	TCLEE	CR	PC	4/2/96	HWS 007	< 1	?
NB13E	TCLEE	CR	PC	5/7/96	HWT 008	< 1	?
NB13E	TCLEE	CR	UB	6/4/96	AXNK 018	< 0.75	

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Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13E	TCLEE	CR	UB	7/2/96	AXWU 006	< 0.75	
NB13E	TCLEE	CR	UB	8/9/96	AYIK 005	< 0.75	
NB13E	TCLEE	CR	UB	9/5/96	AYZB 016	< 0.75	
NB13E	TCLEE	CR	UB	9/5/96	AYZB 017	< 0.75	D
NB13E	TCLTFE	CR	PC	10/3/95	HWG 006	< 1	
NB13E	TCLTFE	CR	PC	11/7/95	HWH 009	< 1	
NB13E	TCLTFE	CR	PC	12/5/95	HWI 017	< 1	
NB13E	TCLTFE	CR	PC	1/5/96	HWL 009	< 1	
NB13E	TCLTFE	CR	PC	2/6/96	HWN 008	< 1	?
NB13E	TCLTFE	CR	PC	3/7/96	HWP 005	< 1	?
NB13E	TCLTFE	CR	PC	4/2/96	HWS 007	< 1	?
NB13E	TCLTFE	CR	PC	5/7/96	HWT 008	< 1	?
NB13E	TCLTFE	CR	UB	6/4/96	AXNK 018	< 1	
NB13E	TCLTFE	CR	UB	7/2/96	AXWU 006	< 1	T
NB13E	TCLTFE	CR	UB	8/9/96	AYIK 005	< 1	T
NB13E	TCLTFE	CR	UB	9/5/96	AYZB 016	< 1	T
NB13E	TCLTFE	CR	UB	9/5/96	AYZB 017	< 1	TD
NB13E	TRCLE	CR	PC	10/3/95	HWG 006	< 0.5	
NB13E	TRCLE	CR	PC	11/7/95	HWH 009	< 0.5	
NB13E	TRCLE	CR	PC	12/5/95	HWI 017	< 0.5	
NB13E	TRCLE	CR	PC	1/5/96	HWL 009	< 0.5	
NB13E	TRCLE	CR	PC	2/6/96	HWN 008	< 0.5	?
NB13E	TRCLE	CR	PC	3/7/96	HWP 005	< 0.5	?
NB13E	TRCLE	CR	PC	4/2/96	HWS 007	< 0.5	?
NB13E	TRCLE	CR	PC	5/7/96	HWT 008	< 0.5	?
NB13E	TRCLE	CR	UB	6/4/96	AXNK 018	< 0.56	
NB13E	TRCLE	CR	UB	7/2/96	AXWU 006	< 0.56	
NB13E	TRCLE	CR	UB	8/9/96	AYIK 005	< 0.56	
NB13E	TRCLE	CR	UB	9/5/96	AYZB 016	< 0.56	
NB13E	TRCLE	CR	UB	9/5/96	AYZB 017	< 0.56	D
NB13I	111TCE	CR	PC	10/3/95	HWG 007	0.821	1
NB13I	111TCE	CR	PC	11/7/95	HWH 007	< 1	
NB13I	111TCE	CR	PC	11/7/95	HWH 008	< 1	D
NB13I	111TCE	CR	PC	12/5/95	HWI 015	< 1	
NB13I	111TCE	CR	PC	12/5/95	HWI 016	0.54	1D
NB13I	111TCE	CR	PC	1/5/96	HWL 008	0.844	1
NB13I	111TCE	CR	PC	2/6/96	HWN 009	< 1	?
NB13I	111TCE	CR	PC	2/6/96	HWN 010	< 1	D?
NB13I	111TCE	CR	PC	3/7/96	HWP 006	0.509	1?
NB13I	111TCE	CR	PC	4/2/96	HWS 005	< 1	?

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FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
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Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13I	111TCE	CR	PC	4/2/96	HWS 006	< 1	D?
NB13I	111TCE	CR	PC	5/7/96	HWT 009	< 1	?
NB13I	111TCE	CR	UB	6/4/96	AXNK 020	< 0.76	D
NB13I	111TCE	CR	UB	6/4/96	AXNK 019	< 0.76	
NB13I	111TCE	CR	UB	7/2/96	AXWU 005	< 0.76	
NB13I	111TCE	CR	UB	8/9/96	AYIK 006	< 0.76	
NB13I	111TCE	CR	UB	8/9/96	AYIK 007	< 0.76	D
NB13I	111TCE	CR	UB	9/5/96	AYZB 015	< 0.76	
NB13I	112TCE	CR	PC	10/3/95	HWG 007	< 1	
NB13I	112TCE	CR	PC	11/7/95	HWH 007	< 1	
NB13I	112TCE	CR	PC	11/7/95	HWH 008	< 1	D
NB13I	112TCE	CR	PC	12/5/95	HWI 015	< 1	
NB13I	112TCE	CR	PC	12/5/95	HWI 016	< 1	D
NB13I	112TCE	CR	PC	1/5/96	HWL 008	< 1	
NB13I	112TCE	CR	PC	2/6/96	HWN 009	< 1	?
NB13I	112TCE	CR	PC	2/6/96	HWN 010	< 1	D?
NB13I	112TCE	CR	PC	3/7/96	HWP 006	< 1	?
NB13I	112TCE	CR	PC	4/2/96	HWS 005	< 1	?
NB13I	112TCE	CR	PC	4/2/96	HWS 006	< 1	D?
NB13I	112TCE	CR	PC	5/7/96	HWT 009	< 1	?
NB13I	112TCE	CR	UB	6/4/96	AXNK 020	< 0.78	D
NB13I	112TCE	CR	UB	6/4/96	AXNK 019	< 0.78	
NB13I	112TCE	CR	UB	7/2/96	AXWU 005	< 0.78	
NB13I	112TCE	CR	UB	8/9/96	AYIK 006	< 0.78	
NB13I	112TCE	CR	UB	8/9/96	AYIK 007	< 0.78	D
NB13I	112TCE	CR	UB	9/5/96	AYZB 015	< 0.78	
NB13I	11DCE	CR	PC	10/3/95	HWG 007	0.774	1
NB13I	11DCE	CR	PC	11/7/95	HWH 007	0.595	1
NB13I	11DCE	CR	PC	11/7/95	HWH 008	0.667	1D
NB13I	11DCE	CR	PC	12/5/95	HWI 015	< 1	
NB13I	11DCE	CR	PC	12/5/95	HWI 016	< 1	D
NB13I	11DCE	CR	PC	1/5/96	HWL 008	0.573	1
NB13I	11DCE	CR	PC	2/6/96	HWN 009	< 1	?
NB13I	11DCE	CR	PC	2/6/96	HWN 010	< 1	D?
NB13I	11DCE	CR	PC	3/7/96	HWP 006	< 1	?
NB13I	11DCE	CR	PC	4/2/96	HWS 005	< 1	?
NB13I	11DCE	CR	PC	4/2/96	HWS 006	< 1	D?
NB13I	11DCE	CR	PC	5/7/96	HWT 009	< 1	?
NB13I	11DCE	CR	UB	6/4/96	AXNK 020	< 1.7	D
NB13I	11DCE	CR	UB	6/4/96	AXNK 019	< 1.7	

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Location	Sample Date	Chemical	Prime Contractor	Laboratory	Lot ID	Concentration	Flag Codes/ Qualifiers
NB13I	11DCE	CR	UB	7/2/96	AXWU 005	< 1.7	
NB13I	11DCE	CR	UB	8/9/96	AYIK 006	< 1.7	
NB13I	11DCE	CR	UB	8/9/96	AYIK 007	< 1.7	D
NB13I	11DCE	CR	UB	9/5/96	AYZB 015	< 1.7	
NB13I	11DCLE	CR	PC	10/3/95	HWG 007	0.752	1
NB13I	11DCLE	CR	PC	11/7/95	HWH 007	0.609	1
NB13I	11DCLE	CR	PC	11/7/95	HWH 008	0.611	1D
NB13I	11DCLE	CR	PC	12/5/95	HWI 015	0.495	1
NB13I	11DCLE	CR	PC	12/5/95	HWI 016	0.499	1D
NB13I	11DCLE	CR	PC	1/5/96	HWL 008	0.622	1
NB13I	11DCLE	CR	PC	2/6/96	HWN 009	< 0.78	?
NB13I	11DCLE	CR	PC	2/6/96	HWN 010	< 0.78	D?
NB13I	11DCLE	CR	PC	3/7/96	HWP 006	< 0.78	?
NB13I	11DCLE	CR	PC	4/2/96	HWS 005	< 0.78	?
NB13I	11DCLE	CR	PC	4/2/96	HWS 006	< 0.78	D?
NB13I	11DCLE	CR	PC	5/7/96	HWT 009	< 0.78	?
NB13I	11DCLE	CR	UB	6/4/96	AXNK 020	< 0.73	D
NB13I	11DCLE	CR	UB	6/4/96	AXNK 019	< 0.73	
NB13I	11DCLE	CR	UB	7/2/96	AXWU 005	< 0.73	
NB13I	11DCLE	CR	UB	8/9/96	AYIK 006	< 0.73	
NB13I	11DCLE	CR	UB	8/9/96	AYIK 007	< 0.73	D
NB13I	11DCLE	CR	UB	9/5/96	AYZB 015	< 0.73	
NB13I	12DCE	CR	PC	10/3/95	HWG 007	0.655	
NB13I	12DCE	CR	PC	11/7/95	HWH 007	0.535	1
NB13I	12DCE	CR	PC	11/7/95	HWH 008	0.547	D
NB13I	12DCE	CR	PC	12/5/95	HWI 015	0.784	
NB13I	12DCE	CR	PC	12/5/95	HWI 016	0.751	D
NB13I	12DCE	CR	PC	1/5/96	HWL 008	0.784	I
NB13I	12DCE	CR	PC	2/6/96	HWN 009	0.324	1?
NB13I	12DCE	CR	PC	2/6/96	HWN 010	0.309	1D?
NB13I	12DCE	CR	PC	3/7/96	HWP 006	0.356	1?
NB13I	12DCE	CR	PC	4/2/96	HWS 005	0.279	1?
NB13I	12DCE	CR	PC	4/2/96	HWS 006	0.276	1?
NB13I	12DCE	CR	PC	5/7/96	HWT 009	< 0.5	?
NB13I	12DCE	CR	UB	6/4/96	AXNK 020	< 0.76	D
NB13I	12DCE	CR	UB	6/4/96	AXNK 019	< 0.76	
NB13I	12DCE	CR	UB	7/2/96	AXWU 005	< 0.76	
NB13I	12DCE	CR	UB	8/9/96	AYIK 006	< 0.76	
NB13I	12DCE	CR	UB	8/9/96	AYIK 007	< 0.76	D
NB13I	12DCE	CR	UB	9/5/96	AYZB 015	< 0.76	

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FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
PGRS, TCAAP

Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13I	12DCLE	CR	PC	10/3/95	HWG 007	< 0.5	
NB13I	12DCLE	CR	PC	11/7/95	HWH 007	< 0.5	
NB13I	12DCLE	CR	PC	11/7/95	HWH 008	< 0.5	D
NB13I	12DCLE	CR	PC	12/5/95	HWI 015	< 0.5	
NB13I	12DCLE	CR	PC	12/5/95	HWI 016	< 0.5	D
NB13I	12DCLE	CR	PC	1/5/96	HWL 008	< 0.5	
NB13I	12DCLE	CR	PC	2/6/96	HWN 009	< 0.5	?
NB13I	12DCLE	CR	PC	2/6/96	HWN 010	< 0.5	D?
NB13I	12DCLE	CR	PC	3/7/96	HWP 006	< 0.5	?
NB13I	12DCLE	CR	PC	4/2/96	HWS 005	< 0.5	?
NB13I	12DCLE	CR	PC	4/2/96	HWS 006	< 0.5	D?
NB13I	12DCLE	CR	PC	5/7/96	HWT 009	< 0.5	?
NB13I	12DCLE	CR	UB	6/4/96	AXNK 020	< 1.1	D
NB13I	12DCLE	CR	UB	6/4/96	AXNK 019	< 1.1	
NB13I	12DCLE	CR	UB	7/2/96	AXWU 005	< 1.1	
NB13I	12DCLE	CR	UB	8/9/96	AYIK 006	< 1.1	
NB13I	12DCLE	CR	UB	8/9/96	AYIK 007	< 1.1	D
NB13I	12DCLE	CR	UB	9/5/96	AYZB 015	< 1.1	
NB13I	12DCLP	CR	PC	10/3/95	HWG 007	< 1	
NB13I	12DCLP	CR	PC	11/7/95	HWH 007	< 1	
NB13I	12DCLP	CR	PC	11/7/95	HWH 008	< 1	D
NB13I	12DCLP	CR	PC	12/5/95	HWI 015	< 1	
NB13I	12DCLP	CR	PC	12/5/95	HWI 016	< 1	D
NB13I	12DCLP	CR	PC	1/5/96	HWL 008	< 1	
NB13I	12DCLP	CR	PC	2/6/96	HWN 009	< 1	?
NB13I	12DCLP	CR	PC	2/6/96	HWN 010	< 1	D?
NB13I	12DCLP	CR	PC	3/7/96	HWP 006	< 1	?
NB13I	12DCLP	CR	PC	4/2/96	HWS 005	< 1	?
NB13I	12DCLP	CR	PC	4/2/96	HWS 006	< 1	D?
NB13I	12DCLP	CR	PC	5/7/96	HWT 009	< 1	?
NB13I	12DCLP	CR	UB	6/4/96	AXNK 020	< 1	D
NB13I	12DCLP	CR	UB	6/4/96	AXNK 019	< 1	
NB13I	12DCLP	CR	UB	7/2/96	AXWU 005	< 1	T
NB13I	12DCLP	CR	UB	8/9/96	AYIK 006	< 1	T
NB13I	12DCLP	CR	UB	8/9/96	AYIK 007	< 1	DT
NB13I	12DCLP	CR	UB	9/5/96	AYZB 015	< 1	T
NB13I	AS	CR	PC	12/5/95	EZP 005	< 4	
NB13I	AS	CR	PC	3/5/96	EZS 002	< 5	
NB13I	AS	CR	UB	6/4/96	AXLY 007	< 2.35	
NB13I	AS	CR	UB	9/5/96	AYZO 005	< 2.35	

APPENDIX J.3

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
PGRS, TCAAP

Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13I	C2H3CL	CR	PC	10/3/95	HWG 007	< 1.9	
NB13I	C2H3CL	CR	PC	11/7/95	HWH 007	< 1.9	
NB13I	C2H3CL	CR	PC	11/7/95	HWH 008	< 1.9	D
NB13I	C2H3CL	CR	PC	12/5/95	HWI 015	< 1.9	
NB13I	C2H3CL	CR	PC	12/5/95	HWI 016	< 1.9	D
NB13I	C2H3CL	CR	PC	1/5/96	HWL 008	< 1.9	
NB13I	C2H3CL	CR	PC	2/6/96	HWN 009	< 1.9	?
NB13I	C2H3CL	CR	PC	2/6/96	HWN 010	< 1.9	D?
NB13I	C2H3CL	CR	PC	3/7/96	HWP 006	< 1.9	?
NB13I	C2H3CL	CR	PC	4/2/96	HWS 005	< 1.9	?
NB13I	C2H3CL	CR	PC	4/2/96	HWS 006	< 1.9	D?
NB13I	C2H3CL	CR	PC	5/7/96	HWT 009	< 1.9	?
NB13I	C2H3CL	CR	UB	6/4/96	AXNK 020	< 1.01	D
NB13I	C2H3CL	CR	UB	6/4/96	AXNK 019	< 1.01	
NB13I	C2H3CL	CR	UB	7/2/96	AXWU 005	< 1.01	M
NB13I	C2H3CL	CR	UB	8/9/96	AYIK 006	< 1.01	
NB13I	C2H3CL	CR	UB	8/9/96	AYIK 007	< 1.01	D
NB13I	C2H3CL	CR	UB	9/5/96	AYZB 015	< 1.01	
NB13I	CCL4	CR	PC	10/3/95	HWG 007	< 1.3	
NB13I	CCL4	CR	PC	11/7/95	HWH 007	< 1.3	
NB13I	CCL4	CR	PC	11/7/95	HWH 008	< 1.3	D
NB13I	CCL4	CR	PC	12/5/95	HWI 015	< 1.3	
NB13I	CCL4	CR	PC	12/5/95	HWI 016	< 1.3	D
NB13I	CCL4	CR	PC	1/5/96	HWL 008	< 1.3	
NB13I	CCL4	CR	PC	2/6/96	HWN 009	< 1.3	?
NB13I	CCL4	CR	PC	2/6/96	HWN 010	< 1.3	D?
NB13I	CCL4	CR	PC	3/7/96	HWP 006	< 1.3	?
NB13I	CCL4	CR	PC	4/2/96	HWS 005	< 1.3	?
NB13I	CCL4	CR	PC	4/2/96	HWS 006	< 1.3	D?
NB13I	CCL4	CR	PC	5/7/96	HWT 009	< 1.3	?
NB13I	CCL4	CR	UB	6/4/96	AXNK 020	< 0.99	D
NB13I	CCL4	CR	UB	6/4/96	AXNK 019	< 0.99	
NB13I	CCL4	CR	UB	7/2/96	AXWU 005	< 0.99	
NB13I	CCL4	CR	UB	8/9/96	AYIK 006	< 0.99	
NB13I	CCL4	CR	UB	8/9/96	AYIK 007	< 0.99	D
NB13I	CCL4	CR	UB	9/5/96	AYZB 015	< 0.99	
NB13I	CH2CL2	CR	PC	10/3/95	HWG 007	< 3.2	
NB13I	CH2CL2	CR	PC	11/7/95	HWH 007	< 3.2	
NB13I	CH2CL2	CR	PC	11/7/95	HWH 008	< 3.2	D
NB13I	CH2CL2	CR	PC	12/5/95	HWI 015	< 3.2	

APPENDIX J.3

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
PGRS, TCAAP

Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13I	CH2CL2	CR	PC	12/5/95	HWI 016	< 3.2	D
NB13I	CH2CL2	CR	PC	1/5/96	HWL 008	< 3.2	
NB13I	CH2CL2	CR	PC	2/6/96	HWN 009	< 3.2	?
NB13I	CH2CL2	CR	PC	2/6/96	HWN 010	< 3.2	D?
NB13I	CH2CL2	CR	PC	3/7/96	HWP 006	< 3.2	?
NB13I	CH2CL2	CR	PC	4/2/96	HWS 005	< 3.2	?
NB13I	CH2CL2	CR	PC	4/2/96	HWS 006	< 3.2	D?
NB13I	CH2CL2	CR	PC	5/7/96	HWT 009	< 3.2	?
NB13I	CH2CL2	CR	UB	6/4/96	AXNK 020	< 7.4	D
NB13I	CH2CL2	CR	UB	6/4/96	AXNK 019	< 7.4	
NB13I	CH2CL2	CR	UB	7/2/96	AXWU 005	< 7.4	
NB13I	CH2CL2	CR	UB	8/9/96	AYIK 006	< 7.4	
NB13I	CH2CL2	CR	UB	8/9/96	AYIK 007	< 7.4	D
NB13I	CH2CL2	CR	UB	9/5/96	AYZB 015	< 7.4	
NB13I	CHCL3	CR	PC	10/3/95	HWG 007	< 0.72	
NB13I	CHCL3	CR	PC	11/7/95	HWH 007	< 0.72	
NB13I	CHCL3	CR	PC	11/7/95	HWH 008	< 0.72	D
NB13I	CHCL3	CR	PC	12/5/95	HWI 015	< 0.72	
NB13I	CHCL3	CR	PC	12/5/95	HWI 016	< 0.72	D
NB13I	CHCL3	CR	PC	1/5/96	HWL 008	< 0.72	
NB13I	CHCL3	CR	PC	2/6/96	HWN 009	< 0.72	?
NB13I	CHCL3	CR	PC	2/6/96	HWN 010	< 0.72	D?
NB13I	CHCL3	CR	PC	3/7/96	HWP 006	< 0.72	?
NB13I	CHCL3	CR	PC	4/2/96	HWS 005	< 0.72	?
NB13I	CHCL3	CR	PC	4/2/96	HWS 006	< 0.72	D?
NB13I	CHCL3	CR	PC	5/7/96	HWT 009	< 0.72	?
NB13I	CHCL3	CR	UB	6/4/96	AXNK 020	2.05	D
NB13I	CHCL3	CR	UB	6/4/96	AXNK 019	2.03	
NB13I	CHCL3	CR	UB	7/2/96	AXWU 005	< 0.5	
NB13I	CHCL3	CR	UB	8/9/96	AYIK 006	< 0.5	
NB13I	CHCL3	CR	UB	8/9/96	AYIK 007	< 0.5	D
NB13I	CHCL3	CR	UB	9/5/96	AYZB 015	< 0.5	
NB13I	T12DCE	CR	PC	10/3/95	HWG 007	< 0.3	T
NB13I	T12DCE	CR	PC	11/7/95	HWH 007	< 0.3	T
NB13I	T12DCE	CR	PC	11/7/95	HWH 008	< 0.3	TD
NB13I	T12DCE	CR	PC	12/5/95	HWI 015	< 0.3	T
NB13I	T12DCE	CR	PC	12/5/95	HWI 016	< 0.3	TD
NB13I	T12DCE	CR	PC	1/5/96	HWL 008	< 0.3	T
NB13I	T12DCE	CR	PC	2/6/96	HWN 009	< 0.3	T?
NB13I	T12DCE	CR	PC	2/6/96	HWN 010	< 0.3	TD?

APPENDIX J.3

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
PGRS, TCAAP

Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13I	T12DCE	CR	PC	3/7/96	HWP 006	< 0.3	T?
NB13I	T12DCE	CR	PC	4/2/96	HWS 005	< 0.3	T?
NB13I	T12DCE	CR	PC	4/2/96	HWS 006	< 0.3	TD?
NB13I	T12DCE	CR	PC	5/7/96	HWT 009	< 0.3	T?
NB13I	TCLEE	CR	PC	10/3/95	HWG 007	0.663	1
NB13I	TCLEE	CR	PC	11/7/95	HWH 007	< 1	
NB13I	TCLEE	CR	PC	11/7/95	HWH 008	< 1	D
NB13I	TCLEE	CR	PC	12/5/95	HWI 015	< 1	
NB13I	TCLEE	CR	PC	12/5/95	HWI 016	< 1	D
NB13I	TCLEE	CR	PC	1/5/96	HWL 008	< 1	
NB13I	TCLEE	CR	PC	2/6/96	HWN 009	< 1	?
NB13I	TCLEE	CR	PC	2/6/96	HWN 010	< 1	D?
NB13I	TCLEE	CR	PC	3/7/96	HWP 006	< 1	?
NB13I	TCLEE	CR	PC	4/2/96	HWS 005	< 1	?
NB13I	TCLEE	CR	PC	4/2/96	HWS 006	< 1	D?
NB13I	TCLEE	CR	PC	5/7/96	HWT 009	< 1	?
NB13I	TCLEE	CR	UB	6/4/96	AXNK 020	< 0.75	D
NB13I	TCLEE	CR	UB	6/4/96	AXNK 019	< 0.75	
NB13I	TCLEE	CR	UB	7/2/96	AXWU 005	< 0.75	
NB13I	TCLEE	CR	UB	8/9/96	AYIK 006	< 0.75	
NB13I	TCLEE	CR	UB	8/9/96	AYIK 007	< 0.75	D
NB13I	TCLEE	CR	UB	9/5/96	AYZB 015	< 0.75	
NB13I	TCLTFE	CR	PC	10/3/95	HWG 007	< 1	
NB13I	TCLTFE	CR	PC	11/7/95	HWH 007	< 1	
NB13I	TCLTFE	CR	PC	11/7/95	HWH 008	< 1	D
NB13I	TCLTFE	CR	PC	12/5/95	HWI 015	< 1	
NB13I	TCLTFE	CR	PC	12/5/95	HWI 016	< 1	D
NB13I	TCLTFE	CR	PC	1/5/96	HWL 008	< 1	
NB13I	TCLTFE	CR	PC	2/6/96	HWN 009	< 1	?
NB13I	TCLTFE	CR	PC	2/6/96	HWN 010	< 1	D?
NB13I	TCLTFE	CR	PC	3/7/96	HWP 006	< 1	?
NB13I	TCLTFE	CR	PC	4/2/96	HWS 005	< 1	?
NB13I	TCLTFE	CR	PC	4/2/96	HWS 006	< 1	D?
NB13I	TCLTFE	CR	PC	5/7/96	HWT 009	< 1	?
NB13I	TCLTFE	CR	UB	6/4/96	AXNK 020	< 1	D
NB13I	TCLTFE	CR	UB	6/4/96	AXNK 019	< 1	
NB13I	TCLTFE	CR	UB	7/2/96	AXWU 005	< 1	T
NB13I	TCLTFE	CR	UB	8/9/96	AYIK 006	< 1	T
NB13I	TCLTFE	CR	UB	8/9/96	AYIK 007	< 1	DT
NB13I	TCLTFE	CR	UB	9/5/96	AYZB 015	< 1	T

APPENDIX J.3

FISCAL YEAR 1996 INFLUENT/EFFLUENT DATABASE
PGRS, TCAAP

Location	*Sample Date*	*Chemical*	*Prime Contractor*	*Laboratory*	*Lot ID*	*Concentration*	*Flag Codes/ Qualifiers*
NB13I	TRCLE	CR	PC	10/3/95	HWG 007	11.5	
NB13I	TRCLE	CR	PC	11/7/95	HWH 007	9.04	
NB13I	TRCLE	CR	PC	11/7/95	HWH 008	9.25	D
NB13I	TRCLE	CR	PC	12/5/95	HWI 015	8.97	
NB13I	TRCLE	CR	PC	12/5/95	HWI 016	9.64	D
NB13I	TRCLE	CR	PC	1/5/96	HWL 008	10.3	
NB13I	TRCLE	CR	PC	2/6/96	HWN 009	8	?
NB13I	TRCLE	CR	PC	2/6/96	HWN 010	7.9	D?
NB13I	TRCLE	CR	PC	3/7/96	HWP 006	9.15	?
NB13I	TRCLE	CR	PC	4/2/96	HWS 005	5.6	?
NB13I	TRCLE	CR	PC	4/2/96	HWS 006	5.67	D?
NB13I	TRCLE	CR	PC	5/7/96	HWT 009	6.81	?
NB13I	TRCLE	CR	UB	6/4/96	AXNK 020	4	D
NB13I	TRCLE	CR	UB	6/4/96	AXNK 019	4.16	
NB13I	TRCLE	CR	UB	7/2/96	AXWU 005	6.64	
NB13I	TRCLE	CR	UB	8/9/96	AYIK 006	5.93	
NB13I	TRCLE	CR	UB	8/9/96	AYIK 007	4.51	D
NB13I	TRCLE	CR	UB	9/5/96	AYZB 015	9.01	

Notes:

Concentrations in µg/L.
See Appendix J.3a for chemical abbreviation cross references.

CR Conestoga-Rovers & Associates
PC Pace Laboratóries
UB DataChem Laboratories
? Control chart not yet approved by USAEC.
D Duplicate analysis.
1 Results less than Certified Reporting Limit but greater than Criteria of Detection
M The high spike recovery is high.
T Non-target compound analyzed for but not detected (non-GC/MS methods).

APPENDIX J-3a

CHEMICAL ABBREVIATION CROSS REFERENCE
PGRS, TCAAP

Abreviation	*Chemical Name*
111TCE	1,1,1-Trichloroethane
112TCE	1,1,2-Trichloroethane
11DCE	1,1-Dichloroethene
11DCLE	1,1-Dichloroethane
12DCE	1,2-Dichloroethene (total)
12DCLE	1,2-Dichloroethane
12DCLP	1,2-Dichloropropane
AS	Arsenic
C2H3CL	Vinyl Chloride
CCL4	Carbon tetrachloride
CH2CL2	Methylene chloride
CHCL3	Chloroform
T12DCE	trans-1,2-Dichloroethene
TCLEE	Tetrachloroethene
TCLTFE	1,1,2-Trichloro-1,2,2-trifluoroethane
TRCLE	Trichloroethene