

**INSTALLATION RESTORATION PROGRAM  
TWIN CITIES ARMY AMMUNITION PLANT**

**FISCAL YEAR 1990 ANNUAL MONITORING REPORT**

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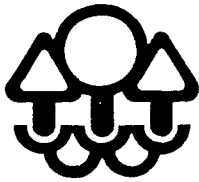
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**Prepared for:**

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Aberdeen Proving Ground, Maryland 21010-5401**

**JULY 1991  
FINAL REPORT**



# Minnesota Pollution Control Agency

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December 3, 1991

Mr. Martin McCleery  
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New Brighton, Minnesota 55112-5700

Dear Mr. McCleery:

Staff at the Minnesota Pollution Control Agency (MPCA) and the U.S. Environmental Protection Agency (EPA) have reviewed the latest draft of the 1990 Annual Monitoring Report for the Twin Cities Army Ammunition Plant (TCAAP). You are hereby advised that this report has passed the Consistency Test in accordance with Chapter XIV. of the Federal Facility Agreement.

The MPCA and the EPA acknowledge the Army's position and technical arguments regarding the effectiveness of the TCAAP Ground Water Recovery System (TGRS), and recognize them as reasonable. However, the MPCA and EPA believe a range of reasonable expectations of TGRS effectiveness exists, and that other interpretations are also acceptable, given the information presently available.

If you have any questions, please contact Mark Schmitt of the MPCA at (612) 296-7776 or Thomas Barounis of the EPA at (312) 353-5577.

Sincerely,

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Thomas Barounis  
Remedial Project Manager  
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Region V

MDS:jlm

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**FEDERAL CARTRIDGE COMPANY  
WENCK ASSOCIATES, INC.**

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## I. INTRODUCTION

This Fiscal Year 1990 Annual Monitoring Report summarizes and evaluates data from groundwater and surface water monitoring performed during Fiscal Year 1990 (FY 90) at the Twin Cities Army Ammunition Plant (TCAAP).

The purposes of this report are to:

1. Provide a comprehensive source for groundwater and surface water data from TCAAP monitoring activities.
2. Characterize groundwater conditions associated with known and potential source areas at TCAAP.
3. Assess the performance of an Interim Remedial Action (IRA) system for remediation of groundwater contamination at Site A.
4. Characterize surface water conditions at sampling locations both at and near TCAAP.
5. Present the Fiscal Year 1992 Annual Monitoring Plan 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).

As the result of negotiations during 1990, the FFA was modified such that monitoring and reporting for TCAAP will be performed on a federal fiscal year basis, rather than calendar year. The fiscal year is defined as October 1 through September 30. This

revision to the FFA was agreed to by all project managers as evidenced by correspondence dated November 19, 1990 (see Appendix A). Because the 1989 Annual Monitoring Report (calendar year) discussed data obtained in October through December 1989, this FY 90 Annual Monitoring Report only discusses January 1, 1990 through September 30, 1990. Future fiscal year reports will encompass the entire October 1 to September 30 period.

This report represents the summary of work delegated by the Army to Federal Cartridge Company (FCC). Operation and evaluation of the TCAAP Groundwater Recovery System (TGRS); source control recovery wells at Sites D, G, and I; and Site K (Building 103) IRA groundwater recovery system are delegated by the Army to Alliant Techsystems, Inc. (formerly Honeywell, Inc.). Annual reports for these activities are being submitted under separate cover.

As a result of the change from calendar year to fiscal year, the FY 91 monitoring was scheduled to begin in December 1990. To accommodate the transition, a separate document entitled Fiscal Year 1991 Annual Monitoring Plan was prepared and submitted to the USEPA and MPCA on October 31, 1990. Therefore, this FY 90 Annual Monitoring Report includes a monitoring plan for the next monitoring period which is FY 92.

With submittal of this FY 90 Annual Monitoring Report, including the FY 92 Annual Monitoring Plan, to the USEPA and MPCA by February 15, 1991, it is expected that this document can be reviewed, revised if necessary, and approved prior to the beginning of FY 92 (October 1, 1991).

The FY 90 Annual Monitoring Report consists of this volume, plus a set of 32 plan sheets submitted separately.

## II. BACKGROUND

### A. Site Description

The Twin Cities Army Ammunition Plant (TCAAP), a government-owned, contractor-operated facility, is located near New Brighton, Minnesota, in the northern portion of the Minneapolis-St. Paul metropolitan area (Figure 1). The facility occupies about 2,300 acres lying immediately east of U.S. Interstate Highway 35W and north of Minnesota Highway 96. Federal Cartridge Company (FCC) is the contracted operator, and several other private companies including Alliant Techsystems, Inc. conduct operations on the facility as tenants.

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 there have been periods of activity and shutdown.

During periods of activity, solvents were utilized as part of the manufacturing process. Disposal of solvents at the TCAAP site has resulted in groundwater contamination which has migrated beyond the site boundary. Groundwater contamination was first discovered in July of 1981 at four of the six TCAAP production wells. Numerous on- and off-site 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, 129-15. These sites are shown on Plan Sheet 2.

## **B. 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:** Consists of lacustrine deposits above the Twin Cities Formation (Unit 2 - see below). The lacustrine deposits are discontinuous at TCAAP, predominantly limited to the north, east, and southwest portions of the site. Groundwater in Unit 1 is also discontinuous.

**Unit 2:** The Twin Cities Formation consists of 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. No wells are screened within Unit 2 at TCAAP.

**Unit 3:** Consists primarily of the Hillside Sand which is continuous beneath TCAAP. Near the center of TCAAP, the Hillside Sand 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 subdivided into thirds designated upper, middle, and lower.

**Unit 4:** Consists collectively of the Prairie du Chien and Jordan bedrock formations.

In order to identify the hydrogeologic unit in which each well is completed, 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: Screened
- PJ - Unit 4: Open hole (total or partial thickness)

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 - Unit 3 or Unit 4 recovery well
- # - open hole (total or partial thickness)

Characters four through six represent the well number as follows:

- 001 thru 500 USATHAMA wells and possibly additional wells installed by others adjacent to an existing well with the 001-500 designation.
- 501 thru 600 TCAAP wells, FCC wells, and 502 well.
- 601 thru 800 On-post Alliant Techsystems, Inc. wells.
- 801 thru 900 Off-post Alliant Techsystems, Inc. and FCC wells.

901 thru 999      Off-post wells (to be determined).

Off-post wells installed by parties other than USATHAMA, TCAAP, Alliant Techsystems, Inc., or FCC are designated by their Minnesota unique number. A well designation cross reference guide is included as Appendix B which lists all wells of concern, the USATHAMA designation or Minnesota unique number, and any other name(s) which the wells may be known as. Well locations are illustrated on Plan Sheets 2 and 3. Well locations were plotted using coordinates retrieved from the USATHAMA database on September 14, 1990.

C. Data Management

A monitoring program was initiated in January of 1984 by USATHAMA to obtain water level and water quality data at TCAAP. Each year has been divided into quarters with each quarter assigned a number. Hence, FY 90 was comprised of Quarters 25 through 28.

Data collected at TCAAP is intended to be stored in the USATHAMA Installation Restoration Data Management System (IRDMS). The IRDMS is managed by Potomac Research, Inc. (PRI) on behalf of USATHAMA.

Data collected by FCC has been, and will continue to be entered into the IRDMS. Most, but not all, information collected by Alliant Techsystems, Inc. through Quarter 28 has been recorded in the IRDMS. However, beginning with Quarter 29, all Alliant Techsystems, Inc. data will be entered into the IRDMS.

D. FFA Requirements for Annual Reports

As delegated by the Army, FCC is responsible for operation and evaluation of the IRA groundwater recovery system at Site A. Hence, FCC is obligated to comply with the

requirements set forth in Attachment 2 of the FFA concerning annual monitoring reports for IRA systems.

Section 3.7.2 of Attachment 2 to the FFA requires that the following information be included in the annual report with respect to the Site A IRA system:

1. Results of all water level measurements and chemical analyses;
2. Water level contour maps for each aquifer showing high and low groundwater levels;
3. Isoconcentration maps posting the maximum trichloroethene, 1,1,1-trichloroethane, and 1,1-dichloroethene concentrations at each well location for each sampling event;
4. A proposed sampling plan for the next monitoring year with an assessment of the monitoring parameters and frequencies and the feasibility for the deletion of monitoring wells or parameters or a decrease in sampling;
5. A discussion and summary of the monitoring year's data in comparison to previous monitoring years data;
6. Discussion of IRA's effectiveness, and
7. A proposal of any monitoring modifications.

Discussions of Site A in this FY 90 Annual Monitoring Report address all of these items with the following exceptions:

1. As approved by MPCA staff, water level contour maps are presented for a single quarter, rather than for high and low level conditions. Water levels at the site do not fluctuate significantly, hence, multiple contour maps are not justified.
2. The parameters 1,1,1-trichloroethane and 1,1-dichloroethene have not been detected at Site A, so contour maps for these parameters are not presented. Although not required, contour maps for tetrachloroethene and 1,2-

dichloroethene are presented , along with the required map for trichloroethene.

In addition to the IRA at Site A, FCC is also responsible for evaluating groundwater conditions for the overall study area at, and near TCAAP. For this task, FCC must comply with the requirements for annual reporting set forth in Attachment 3 of the FFA. Section 3.8 of Attachment 3 indicates that the annual report shall include the following:

1. Results of all water level measurements and chemical analyses presented in tables identified by Minnesota unique number and common well identification number;
2. A water level contour map for each aquifer, for each measuring period with elevation (MSL) labeled at each well (maps at a scale of 1:12,000);
3. A water chemistry isoconcentration map for each aquifer, for each sampling event with concentrations of total VOCs, metals and radionuclides. Individual concentrations should be labeled by the location of each well (logarithmic contour intervals for VOCs at same scale as item 2);
4. A discussion of the groundwater quality and water level monitoring results with respect to those action criteria is listed on Tables 3.7 (A and B) of the FFA. A table listing those wells which exceeded the action criteria and their concentrations for each sampling event should be generated and supplied with the discussion. Annual hydrographs illustrating water levels vs. time shall also be prepared and presented for selected wells;
5. A table listing those surface water samples which exceeded the action criteria and their concentrations for each sampling event, and
6. A proposal of any monitoring modifications.

Discussions of overall groundwater conditions in this FY 90 Annual Monitoring Report address all of the above with the following exceptions:

1. As approved by MPCA staff, water level contour maps are presented for one quarter rather than all quarters.
2. As approved by MPCA staff, isoconcentration maps are not presented for radionuclides since analysis was not required in FY 1990. Furthermore, isoconcentration maps for metals are not presented since metals analysis was limited to wells near Site F and no concentrations exceeded action criteria.
3. Although not required, isoconcentration maps for trichloroethene and 1,1,1-trichloroethane are presented, as in past years, since these represent the two primary contaminants site wide.
4. Selected hydrographs were negotiated between WAI and MPCA staff.
5. Although not required, selected water quality trend figures are also presented per negotiations between WAI and MPCA staff.
6. Map scales and sizes were approved by MPCA staff.

### III. SUMMARY OF RELEVANT ACTIVITIES IN FISCAL YEAR 1990

#### A. Modifications to the FFA

As discussed in Section I of this report, the FFA was modified during 1990 such that monitoring and reporting will now be performed on a federal fiscal year basis, rather than calendar year basis. This modification was officially incorporated as evidenced by correspondence signed by all Project managers (see Appendix A).

Other minor modifications pertaining to annual reporting requirements were discussed in Section II.D. of this report. These modifications were negotiated and approved by the MPCA, but the FFA has not been formally revised to reflect the changes.

Although the FFA sets forth specific monitoring requirements, the monitoring program has evolved since signing of the FFA. Because the program can change from year to year, it is not feasible to modify the FFA to reflect specific monitoring locations, parameters, and frequencies. Hence, approval by MPCA and USEPA of the monitoring plan for each year is regarded by the Army as demonstration of compliance with the monitoring requirements of the FFA.

#### B. 1990 Annual Monitoring Plan

The FFA specifies that each year's annual report shall include a monitoring plan for the subsequent year. Hence, the 1989 Annual Monitoring Report should have presented the 1990 Monitoring Plan. However, due to delays in sample analysis and database management, it was recognized that the 1989 Annual Monitoring Report would not meet the February 15, 1990 deadline required by the FFA. Therefore, it was agreed between the Army, USEPA, and MPCA to have a separate 1990 Annual Monitoring Plan document prepared so as not to delay monitoring activities in 1990.

The 1990 Annual Monitoring Plan was submitted to USEPA and MPCA in April 1990 and was approved in May 1990.

C. Fiscal Year 1991 Annual Monitoring Plan

As a result of modifying the monitoring and reporting schedule from calendar year to fiscal year, FY 91 monitoring was scheduled to begin in December 1990. To accommodate the transition, a separate document entitled Fiscal Year 1991 Annual Monitoring Plan was prepared and submitted to the MPCA and USEPA on October 31, 1990. The plan outlines the monitoring to be performed between October 1, 1990 and September 30, 1991, the results of which will be discussed in next year's annual report.

D. Modifications to the Monitoring System

No new monitoring wells were installed during FY 90 but production well 03M505 was abandoned to allow for construction of the Army Reserve training center. Maps and tables have been revised to eliminate well 03M505 and all other wells which had been abandoned in past years. Specifically, the abandoned wells were the following 500 series wells which were either old production wells or farmstead wells: 01U537, 01U538, 03U530 through 03U536, and PJ #504. Note that PJ #509 was only a boring; a well was never constructed. Hence, the maps and tables show only those 500 series wells which still exist.

#### IV. DATA COLLECTION AND PRESENTATION

##### A. Groundwater Levels

###### 1. Data Collection and Management

Groundwater level measurements were performed at monitoring wells in all aquifer units during FY 90 in accordance with the 1990 Groundwater Level Monitoring Plan. A copy of this plan is included as Appendix C.

The 1990 Groundwater Level Plan established the monitoring responsibilities for both FCC and Alliant Techsystems, Inc. as indicated in the Plan. The intent was to delegate monitoring at each well to one party or the other in order to avoid duplication of effort.

Water level monitoring delegated to FCC was performed by STS Consultants, Ltd. (STS), while monitoring for Alliant Techsystems, Inc. was conducted by Conestoga-Rovers & Associates (CRA).

STS measured the depth-to-water from the top of casing at each assigned well. STS reported this depth along with the distance from top of casing to ground surface. This information was then submitted to PRI for entry into the IRDMS. The IRDMS contains ground surface elevations measured to tenths of a foot for all wells monitored at and near TCAAP. The ground surface elevations are designated TOS: Top of Surface. The IRDMS does not include top of casing elevations. Thus, PRI took each water level measurement from top of casing, subtracted the distance from top of casing to ground surface, and subtracted this depth below ground surface from the ground surface elevation to arrive at the groundwater elevation. Because the ground surface elevations are only recorded to tenths of a foot, the resulting groundwater elevations are also only reported to tenths of a foot. This is contrary to the present requirements of the FFA



which state that groundwater elevations must be determined and reported to hundredths of a foot.

CRA has top of casing elevations for wells which they monitor at and near TCAAP, thus allowing measurement and reporting of groundwater elevations to hundredths of a foot. Through FY 90, CRA has managed their own data. Beginning with FY 91, all data obtained by CRA will be entered into the IRDMS database. Since the IRDMS does not have top of casing elevations, future CRA data, although measured in hundredths, will only be reported to tenths of a foot in the IRDMS database.

For preparation of this FY 90 Annual Monitoring Report, WAI received groundwater elevation data from both FCC and CRA in computer files. The FCC data was retrieved from the IRDMS, while CRA supplied their data directly. All data was then converted into Lotus 1-2-3 format to permit preparation of the groundwater elevation data table (see Table 1). All data is reported to tenths of a foot, including CRA data which was rounded to the nearest tenth. The groundwater elevation data table presents not only the data for FY 90, but also data for every well monitored since November 1987 (Quarter 16).

To permit comparison between what monitoring was planned and what data was made available to WAI, the 1990 Groundwater Level Monitoring Plan (Appendix C) has been marked to indicate what 1990 data is contained in the groundwater elevation data table (Table 1).

From Appendix C, it is apparent that Alliant Techsystems, Inc. did not perform monitoring during Quarter 28. This was the result of contractual difficulties between Alliant Techsystems, Inc. and the Army which have since been resolved and are not anticipated in the future.

## 2. Groundwater Elevation Contour Maps

As indicated on the 1990 Groundwater Level Monitoring Plan (Appendix C), extensive water level monitoring was performed during April 1990 (Quarter 26). Thus, the groundwater elevation data from Quarter 26 was used to prepare contour maps to illustrate groundwater flow directions.

Groundwater elevation contour maps were prepared for both the TCAAP site (on-post) and the overall study area (off-post). Individual maps were developed for upper Unit 1, upper Unit 3, lower Unit 3, and upper Unit 4. For upper Unit 1, a map for the overall study area was not prepared since monitoring is limited to the immediate vicinity of TCAAP. A detailed upper Unit 1 contour map has also been prepared for the Site A area. These contour maps are presented as Plan Sheets 4 through 10 and Plan Sheet 29 (Site A). Note that the on-post upper Unit 3, lower Unit 3, and upper Unit 4 contour maps were prepared by CRA and their drawings are referenced in the set of plan sheets.

Groundwater elevation contour maps were not prepared for the middle Unit 3 aquifer since there are not enough wells monitored in this aquifer to justify contouring. However, the data from middle Unit 3 wells for Quarter 26 are shown on the lower Unit 3 contour maps with the data in parentheses. The middle Unit 3 elevations were not used to derive the contour lines.

Similarly, 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 maps in parentheses for comparison.

The on-post and off-post contour maps are discussed further in Section V of this report, while the Site A contour map is discussed in Section IX.B.

### 3. Hydrographs

As required per Attachment 3 of the FFA, select hydrographs have been prepared which are presented as Figures 2 through 10. The selected wells were chosen based on discussions between WAI and MPCA staff.

The hydrographs are most useful for observing long-term changes in groundwater elevations at the site, as well as any long-term changes in vertical gradients between the various aquifers. Hence, hydrographs for well nests were selected to satisfy both objectives. The selected well nests represent background conditions (007 and 010 well nests) and conditions near the southwest boundary where vertical gradient changes are most likely to occur in response to pumping. The hydrographs are discussed in Section V of this report.

In addition to the hydrographs for well nests, Figure 10 was prepared to illustrate hydrographs for six selected Unit 1 wells at Site A. These hydrographs are discussed further in Section IX.B of this report.

## B. Groundwater Quality

### 1. Data Collection and Management

Groundwater quality samples were collected at monitoring wells during FY 90 in accordance with the 1990 Groundwater Quality Monitoring Plan, a copy of which is included as Appendix D. The plan established the monitoring responsibilities for both

FCC and Alliant Techsystems, Inc. as indicated in the Plan. The intent was to delegate monitoring at each well to one of the two parties in order to avoid duplication of effort.

Appendix E summarizes the individual parameters included within each analytical category 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), and cyanide (Category 4).

Groundwater sampling delegated to FCC was performed by STS, while monitoring for Alliant Techsystems, Inc. was conducted by CRA. All samples were analyzed by PACE Laboratories, Inc.

All laboratory data for FCC monitoring was submitted to PRI for entry into the IRDMS. After entry into the IRDMS, FCC retrieved the data for FY 90 and provided it to WAI in computer files. The data included quality assurance/quality control (QA/QC) results.

Through FY 90, CRA has managed the water quality data for Alliant Techsystems, Inc., rather than submitting the data for entry into the IRDMS. Data for Alliant Techsystems, Inc. was provided to WAI in computer files by CRA, however no blanks or MS/MSD data was included.

All groundwater quality data received by WAI was converted into Lotus 1-2-3 format to permit preparation of tables. Organic groundwater quality data for FY 90 is presented in Table 2, along with past data back to November 1987 (Quarter 16). Table 3 presents inorganic groundwater quality data in a similar manner. The QA/QC data provided by FCC is presented as Tables 4 and 5 for organic and inorganic quality, respectively.

To permit comparison between what monitoring was planned and what data was made available to WAI, the 1990 Groundwater Quality Monitoring Plan (Appendix D) has

been marked to indicate the data which is not in the water quality data tables (Tables 2 and 3).

From Appendix D it is apparent that Alliant Techsystems, Inc. did not perform sampling during Quarter 28 primarily as the result of contractual difficulties between Alliant Techsystems, Inc. and the Army. These difficulties have since been resolved.

Other notable additions to the original plan include monthly rather than quarterly sampling at Site A wells 01U108, 01U350, and 01U902 for Category 1 parameters, and analysis for metal parameters (Category 2) at wells near Site F.

Delegation of monitoring activities successfully achieved the objective of avoiding duplication of sampling at any wells.

## 2. Exceedances of Groundwater Action Criteria

As required by Attachment 3 of the FFA, a table has been prepared which summarizes all groundwater monitoring results from FY 90 which exceeded the action criteria set forth in Table 3.7A of the FFA. The exceedance summary is included as Table 6. The groundwater action criteria are presented near the top of the table with the well locations, monitoring dates, and concentration values listed below. The parameters with action criteria exceedances are all volatile organic compounds (VOCs) -- metals monitoring during FY 90 was limited to wells near Site F, and no metals action criteria were exceeded. Further discussion of the groundwater action criteria exceedances is provided in Section VII of this report.

### 3. Groundwater Quality Contour Maps

As indicated on the 1990 Groundwater Quality Monitoring Plan (Appendix D), the most extensive sampling event performed during FY 90 was in April (Quarter 26). Thus, the groundwater quality data from Quarter 26 was used to prepare contour maps to illustrate the spatial distribution of groundwater contamination.

Per Attachment 3 to the FFA, groundwater quality contour maps are required for total VOCs, metals, and radionuclides in order to characterize site-wide contaminant conditions. Radionuclides were not monitored during FY 90 in accordance with the approved monitoring plan; hence, contour maps are not presented for radionuclides. Metals analysis was only performed in the vicinity of the Site F during FY 90 and no values exceeded the groundwater action criteria set forth in Table 3.7A of the FFA. Thus, contour maps for metals were not prepared. Contour maps are provided for total VOCs, and in addition for trichloroethene and 1,1,1-trichloroethane, as these are the principal individual contaminants on a concentration basis.

For each well, the total VOC value was calculated by summing all individual VOC parameter concentrations for the Quarter 26 sampling event. Values reported as "less than method detection limit" were summed using the method detection limit. This manner of handling less than values provides a worst case total VOC value for each well.

Contour maps were prepared for both the TCAAP site (on-post) and the overall study area (off-post), with individual maps for upper Unit 3, lower Unit 3, and upper Unit 4. These maps are presented as Plan Sheets 11 through 28.

Contaminant concentrations for middle Unit 3 wells for Quarter 26 are shown in parentheses on the lower Unit 3 contour maps, but the middle Unit 3 wells were not used for contouring purposes. Similarly, wells completed in the Jordan aquifer (04J) and wells completed as open holes intersecting both the Prairie du Chien and Jordan (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 various maps, but were not used to prepare the 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.

Further discussion of the groundwater quality contour maps for on- and off-post is provided in Section VI of this report.

Per Attachment 2 to the FFA regarding the evaluation of Site A, groundwater quality contour maps are required for trichloroethene; 1,1,1-trichloroethane; and 1,1-dichloroethene. The parameters 1,1,1-trichloroethane and 1,1-dichloroethene were not detected at Site A during FY 90. Thus, contour maps for these specific parameters were not prepared. Concentration contour maps were developed for trichloroethene as required, and for tetrachloroethene and 1,2-dichloroethene as these are the principal contaminants at Site A. Contour maps for Site A were prepared only for Unit 1 since this is the aquifer of primary concern. Site A groundwater quality contour maps are presented as Plan Sheets 30 through 32. Further discussion of the Site A groundwater quality is provided in Section IX.C of this report.

#### 4. Water Quality Trend Figures

Although not required by the FFA, water quality trend figures have been prepared for select wells and parameters to illustrate changes in concentrations versus time. The trend illustrations are presented in Figures 11 through 32.

The selected wells and parameters were chosen based on discussions between WAI and MPCA staff. Nearly all trends illustrate trichloroethene concentrations since this compound is the primary indicator of contamination for most of the study area. At site 129-15 and Site A, trends for additional VOC parameters were prepared at the request of MPCA staff. 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 for Site A is provided in Section IX.C of this report, while discussion for the other trend figures is included in Section VII.

### C. Surface Water Quality

Surface water monitoring during FY 90 at TCAAP consisted of performing the sampling required by the TCAAP National Pollutant Discharge Elimination System (NPDES) permit. Under the permit, the Army is required to monitor six locations, five of which are monitored by FCC (20100-20500) and one which is monitored by Alliant Techsystems, Inc. (20201). An additional eight locations are monitored, but are not required by the NPDES Permit. The sampling point locations are shown in Figure 33. Monitoring is performed for VOCs, metals, radionuclides, and various inorganic parameters.

The surface water monitoring and laboratory analysis for FCC was performed by PACE Laboratories, Inc. All FCC data for NPDES monitoring was submitted to PRI for entry into the IRDMS. FCC retrieved the data from the IRDMS and provided it to WAI in computer files. The data was converted into Lotus 1-2-3 format and is presented as Tables 7 (organic data) and 8 (inorganic data). Surface water QA/QC data for both organics and inorganics is provided as Table 9. Further discussion of surface water quality is presented in Section VIII of this report.



Alliant Techsystems, Inc. is responsible for monitoring a single location (20201) in conjunction with Site K (Building 103) under the TCAAP NPDES permit. The monitoring data from this location is not presented in this report.

## V. DISCUSSION OF GROUNDWATER FLOW

### A. Upper Unit 1

Unit 1 is discontinuous beneath TCAAP and is primarily a concern only at Sites A, 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.

Plan Sheet 4 presents the available Unit 1 groundwater elevation data for April 1990. Groundwater elevations at various wells near the southwest boundary appear to be variable suggesting that not all wells are screened in a continuous waterbearing zone. Thus, the elevations are presented, but contours are not shown.

Groundwater elevation data near Site A is consistent and groundwater elevation contours are shown on Plan Sheet 4. The contours indicate that groundwater is flowing to the west/northwest near Site A. For purposes of clarity, only the contours are shown on Plan Sheet 4 and not the wells or data near Site A. Plan Sheet 29 presents the Site A groundwater elevation data and contours at a scale which is legible. Further discussion of groundwater flow near Site A is presented in Section IX.B of this report.

### B. Upper Unit 3

Groundwater elevation contours for upper Unit 3 are shown on Plan Sheets 5 and 6 for on-post and off-post areas, respectively. Note that Plan Sheet 5 actually references CRA drawing No. 5 in the IRA-TGRS 1990 Annual Monitoring Report. Groundwater elevations determined during April 1990 permit assessment of flow directions on-post and in the area southwest of TCAAP, extending approximately one mile to near Interstate 694.

In general, groundwater in Unit 3 flows to the southwest. However, local variations in flow direction range from west to south. Groundwater flow in the vicinity of the southwest boundary appears to have more of a westerly component, but moving off-post the flow direction swings more to the south.

Plan Sheet 5 indicates that groundwater elevations and flow directions are being influenced in the vicinity of recovery wells near the southwest boundary and Sites D and G. The groundwater elevations at the recovery wells are generally lower than the elevations at nearby monitoring wells. Detailed discussion of the pumping effects on groundwater flow conditions is not within the scope of this report.

Horizontal hydraulic gradients calculated from the groundwater elevation contours at various locations indicate a range of 0.0008 to 0.002 feet per foot.

### C. Lower Unit 3

Similar to flow in upper Unit 3, groundwater flow in lower Unit 3 is to the southwest as shown on Plan Sheets 7 and 8. Note that Plan Sheet 7 actually references CRA drawing No. 6 in the IRA-TGRS 1990 Annual Monitoring Report. Local variations in flow direction range from west to south such as near the south-central portion of TCAAP between Sites F and 129-15 where groundwater flow is more to the south. Near the southwest boundary, groundwater flow appears to have a westerly component, but moving off-post the flow direction bends back south. Plan Sheet 8 suggests that near the south end of Long Lake, the groundwater flow direction once again veers west.

Plan Sheet 7 indicates that the recovery wells along the southwest boundary are influencing groundwater elevations and flow directions in this area. Groundwater elevations determined at the recovery wells are generally lower than the elevations at nearby monitoring wells. Detailed discussion of the pumping effects on groundwater flow conditions is not within the scope of this report.

Horizontal hydraulic gradients calculated from the groundwater elevation contours at various locations indicate a range of 0.002 to 0.003 feet per foot.

#### D. Upper Unit 4

Plan Sheets 9 and 10 present groundwater elevation contours for upper Unit 4. Note that Plan Sheet 9 actually references CRA drawing No. 7 in the IRA-TGRS 1990 Annual Monitoring Report. Plan Sheet 9 shows that on-post, groundwater in upper Unit 4 flows southwest with little variation. Less variability than for upper or lower Unit 3 may be a function of having fewer upper Unit 4 data points on-post to contour.

Near the southwest boundary, the flow direction gradually bends more westward. Plan Sheet 10 indicates that moving away from TCAAP the groundwater flow direction swings back south. In the vicinity of Long Lake the groundwater flow direction once again trends westward, possibly in response to pumping at New Brighton municipal wells #3 and #6 (206797 and 206793). Near the New Brighton municipal wells, the groundwater flow direction curves southward toward the St. Anthony municipal well field.

Inspection of the groundwater elevations in recovery wells along the southwest boundary indicates that the elevations are generally lower than the elevations at nearby monitoring wells. Detailed discussion of the pumping effects on groundwater flow conditions is not within the scope of this report.

Horizontal hydraulic gradients calculated from the groundwater elevation contours at various locations indicate a range of 0.001 to 0.007 feet per foot.

#### E. Vertical Gradients Between Aquifer Units

Select hydrographs have been prepared which are presented as Figures 2 through 9. Each figure represents a well nest with groundwater elevations plotted versus time.

Figure 5 (007 well nest) and Figure 6 (010 well nest) depict background groundwater conditions as these well nests are located near the eastern (upgradient) TCAAP boundary. These figures indicate that groundwater elevations decrease from upper Unit 3 to middle Unit 3 to lower Unit 3 to Unit 4. Hence, there is a downward vertical gradient between each aquifer.

Hydrographs for well nests near the southwest boundary are presented as Figures 2, 3, 4, 7, 8, and 9. The greatest vertical head differences were observed at well nests 002, 003, and 077, which are located closer to the recovery wells than well nests 001, 802, and 806. Detailed analysis of vertical gradients in response to operation of the recovery wells is not within the scope of this report.

#### F. Summary

In general, groundwater elevations in Unit 3 and Unit 4 appear to have dropped in recent years as evidenced by Figures 2 through 9. No clear seasonal variation of groundwater levels is apparent but groundwater levels as recorded in April 1990 are, in most cases, at their lowest elevation since November 1987 or earlier.

Groundwater flow directions in upper and lower Unit 3 and upper Unit 4 all exhibit a general southwestward trend. Local variations are observed, particularly near the southwest boundary and further off-post where the groundwater flow direction varies from west to south. The Unit 4 groundwater elevation contour maps indicate that the New Brighton and St. Anthony municipal well fields influence groundwater flow further southwest from TCAAP.

Groundwater flow in Unit 1 at Site A is generally to the west/northwest. Groundwater elevations in Unit 1 wells near the southwest boundary are variable suggesting that not all of these wells are constructed in the same waterbearing zone.

## **VI. DISCUSSION OF GROUNDWATER QUALITY FOR THE OVERALL STUDY AREA**

The purpose of this section is to discuss the overall extent of contamination for the study area including both on-post and off-post. The discussion is based primarily upon the groundwater quality contour maps presented as Plan Sheets 11 through 28. Discussion of specific sites or areas is provided in Section VII of this report, including trends in contaminant concentrations. Because inorganic monitoring was principally limited to Site F during FY 90, 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, site-wide groundwater quality contour maps were not prepared for Unit 1. For the purposes of this report, detail maps for Site A have been prepared to illustrate groundwater quality contours (see Plan Sheets 30 through 32). Discussion of groundwater quality for Site A is provided in Section IX.C of this report. Discussion of groundwater quality with respect to Sites I and K is not within the scope of this report. Alliant Techsystems, Inc. is responsible for discussion of Sites I and K since they operate the IRA systems at both of these sites.

## B. Upper Unit 3

### 1. Background Conditions

Background conditions for organic groundwater quality at TCAAP are provided by monitoring wells near the upgradient property boundary. Upper Unit 3 wells monitored for this purpose during FY 90 consisted of 03U007, 03U008, and 03U009 along the eastern TCAAP property.

The groundwater quality data (Table 2) indicates that no VOC contaminants were detected at any of these three wells during FY 90, similar to previous monitoring events.

### 2. Contaminant Plume Characterization

#### a. Trichlorethene

In terms of concentration values, trichloroethene continues to be the most prevalent contaminant, both on- and off-post. Groundwater quality contour maps for trichloroethene in upper Unit 3 are presented as Plan Sheets 11 (on-post) and 12 (off-post).

On-post the highest concentrations are near Site D as defined by the 10,000 ug/l contour around wells 03U093 and 03U317. It should be noted that 03U317 is Source Recovery Well #5, and that the concentration may represent an average of all groundwater captured at the well. The downgradient extent of the 10,000 ug/l contour must be estimated since no existing wells accurately define the extent.

In previous years, there was also a 10,000 ug/l contour just downgradient of Site G; however, for Spring 1990, there were no concentrations above 10,000 ug/l in this area. Well 03U014 had the greatest concentration at 9,500 ug/l.

The 1,000 ug/l contour around Sites D and G is interpreted to connect suggesting that the plumes from the two source areas merge in the vicinity of Building 503 as shown on Plan Sheet 11. The 1,000 ug/l contour appears to extend just beyond the TCAAP boundary to the southwest of Sites D and G between wells 03U077 and 03U806.

A separate trichloroethene plume is indicated downgradient of Site I as shown by the 1,000 ug/l contour on Plan Sheet 11. This 1,000 ug/l contour extends off-post beyond 03U801, but the downgradient extent is not well defined since 03U673 was not sampled during FY 90. Note that 03U673 is included in the FY 91 scope of monitoring.

Plan Sheet 11 illustrates the trichloroethene concentrations for Unit 3 recovery wells along the southwest boundary (03F wells), however, these values were not used for contouring. When comparing concentrations at these wells with the contours, it appears that concentrations at 03F302 through 03F304 match well with the upper Unit 3 contours. As will be mentioned in later discussion of lower Unit 3, concentrations at 03F305 through 03F308 appear to match more closely with lower Unit 3 contours than upper Unit 3 contours. In general, this appears to be a function of well screen setting and varying thickness of Unit 3. It should be noted that the concentration at 03F312 does not match very well with either the upper or lower Unit 3 contours.

Other than the two main areas of impact on-post, trichloroethene concentrations above the method detection limit, but less than 5 ug/l, were reported at 03U099 and 03U005 near Site H, 03U031 southeast of Site K, and various wells near the gravel pit. These detections will be discussed further in Section VII of this report.

Plan Sheet 12 shows that the trichloroethene plume emanating from Site I does not appear to extend very far beyond the TCAAP boundary. Again, monitoring of 03U673 during FY 91 will aid in assessing the actual extent of contamination.



The plume associated with Sites D and G extends off-post gradually swinging from a west-southwest trend to more of a south bearing. As defined by the 1 ug/l contour, trichloroethene contamination of upper Unit 3 is estimated to extend south near Interstate 694. However, it is possible that well 03U832 may actually be along the eastern flank of the plume and not the downgradient edge.

In general, Plan Sheets 11 and 12 do not indicate any appreciable increases, nor decreases, in the areal extent of trichloroethene in upper Unit 3 for FY 90 versus 1989.

Plan Sheet 12 indicates that all detected contamination off-post in upper Unit 3 is attributable to TCAAP. However, it should be noted that Plan Sheet 17 and page 6-3 of the Phase IA Multi-Point Source Groundwater Remedial Investigation (CDM, Final Report, February 1991) suggest that there may be a separate source contributing to groundwater contamination in the vicinity of the Lee well (234425). The Army and its contractors are presently not permitted to sample the Lee well, so recent data is not available. Further review of this situation is recommended for the FY 1991 Annual Monitoring Report. This same discussion applies for other contaminants in upper Unit 3.

b. 1,1,1-Trichloroethane

Groundwater quality contour maps for 1,1,1-trichloroethane in upper Unit 3 are presented as Plan Sheets 17 and 18. Similar to the contour maps for trichloroethene, the 1,1,1-trichloroethane contour maps indicate that Sites D and G are the principal sources for this contaminant. However, the maximum concentrations for 1,1,1-trichloroethane are lower than those for trichloroethene as the 1,000 ug/l contour defines the plume source rather than 10,000 ug/l contour.

Unlike the trichloroethene contour maps where the 1,000 ug/l contour merges between Sites D and G, the 1,1,1-trichloroethane map shows two separate 1,000 ug/l areas. The 1,000 ug/l contour cannot be joined due to a concentration of 420 ug/l at 03U020. Past

data for this well had been greater than 1,000 ug/l suggesting that the 1,000 ug/l contours did merge at one time, but that concentrations have since decreased in this area.

The 1,000 ug/l contour from Site D (and previously Site G) extends west-southwest to near the TCAAP boundary between wells 03U077 and 03U806. As shown on Plan Sheet 18, this plume extends off-post bending more southward. The 100 ug/l contour appears to close off between 03U806 and 409550; however, a separate 100 ug/l contour appears further south which extends south of Rush Lake between 03U821 and 03U822.

Assuming that all contamination is from TCAAP, this division of the 100 ug/l contours suggests that 1,1,1-trichloroethene is not being permitted to migrate much beyond 03U806 due to pumping along the southwest boundary area, while the contamination which was already beyond the capture zone is continuing to move southward. However, as noted in the discussion on trichloroethene, the Phase IA Multi-Point Source Groundwater Remedial Investigation (CDM, Final Report, February 1991) suggests that there may be a separate source contributing to groundwater contamination near the Lee well (234425).

The southern extent of 1,1,1-trichloroethane as defined by the 10 ug/l and 1 ug/l contours must be estimated due to a lack of existing monitoring points in upper Unit 3 near the south end of Long Lake.

In addition to the primary plume emanating from Sites D and G, Plan Sheet 17 indicates a separate 1,1,1-trichloroethane plume near Site I as defined by the 100 ug/l contour. The 10 ug/l and 1 ug/l contours around the Site I plume are interpreted to connect with the respective contours around the Site G plume. Hence, the lower concentration areas of the two plumes appear to be merged on-post, but the centers of the two plumes are clearly separated. The Site I plume appears to diminish just off-post between 03U801 and 03U673. Monitoring of 03U673 in FY 91 will aid in assessing the limit of impacts.

c. Total VOCs

Concentration contour maps for total VOCs in upper Unit 3 are presented as Plan Sheets 23 and 24. Total VOCs were summed using the method detection limits for values reported as less than the method detection limit. Thus, although a well may have had no VOC detections, the total VOC value is generally greater than 15 ug/l as the result of summing the method detection limits. Because method detection limits can vary between samples, there is not a single value which can be interpreted as representing no detections.

Plan Sheets 23 and 24 show that the shape and extent of the total VOC plumes both on- and off-post, are similar to the plumes illustrated on the trichloroethene and 1,1,1-trichloroethane contour maps. This is not surprising since these two individual parameters are the greatest contributors to the total VOC value. The 10 ug/l and 1 ug/l contours were not prepared since all values outside of the 100 ug/l contour are greater than 10 ug/l.

In general, the total VOC contour maps indicate that VOCs other than trichloroethene and 1,1,1-trichloroethane were detected only at locations where these two parameters are present. The total VOC maps do not indicate any contaminant plumes outside of the primary plumes.

C. Lower Unit 3

1. Background Conditions

No lower Unit 3 wells along the upgradient TCAAP boundary were sampled during FY 90. No VOC contamination was previously detected in the lower Unit 3 background wells.

## 2. Contaminant Plume Characterization

### a. Trichloroethene

Contour maps for trichloroethene concentrations in lower Unit 3 are provided as Plan Sheets 13 (on-post) and 14 (off-post). Plan Sheet 13 indicates that the 1,000 ug/l contour defines the maximum concentrations in lower Unit 3 compared to the 10,000 ug/l contour for upper Unit 3. The 1,000 ug/l contour suggests that trichloroethene from Site D and Site G merges in the vicinity of Building 503. Unlike the upper Unit 3 contour maps, two distinct lobes from the two sites are not evident in lower Unit 3.

Similar to upper Unit 3, a separate trichloroethene plume appears downgradient of Site I. The maximum concentrations in lower Unit 3 are comparable to those in upper Unit 3 since the 1,000 ug/l contour defines both plumes, but the lower Unit 3 plume is further off-post near 03L673.

The Unit 3 recovery wells along the southwest boundary are shown on Plan Sheet 13, but the concentrations were not used to develop the contours. Concentrations at 03F305 through 03F308 match well with the lower Unit 3 contours, while values at 03F302 through 03F304 match better with the upper Unit 3 contours. The correlation appears to be a function of screened depth and thickness of the Unit 3 aquifer. Wells 03F305 through 03F308 are located where Unit 3 extends deeper; hence, these wells are generally screened deeper than 03F302 through 03F304. It should be noted that the concentration of 03F312 does not match well with either the upper or lower Unit 3 contour maps.

On-post, the extent of contamination, as defined by the 1 ug/l contour, bends southeast away from Site G to encircle well 03L081. The 1 ug/l contour also extends further north in the vicinity of 03L003 for lower Unit 3 versus upper Unit 3. Outside of the main plume, a detection less than 1 ug/l was reported at 03L523 near the gravel pit.

Off-post, the plume from Sites D and G gradually curves southward as shown on Plan Sheet 14. The 1,000 ug/l contour extends beyond Rush Lake to near 03L853. The limit of contamination in this plume, as defined by the 1 ug/l contour, extends approximately to Interstate 694 similar to in upper Unit 3. However, similar to the discussion for upper Unit 3, it should be noted that Plan Sheet 17 and page 6-3 of the Phase IA Multi-Point Source Groundwater Remedial Investigation (CDM, Final Report, February, 1991) suggest that there may be a separate source contributing to groundwater contamination just downgradient of 03L809. Further review of this possibility is recommended for the FY 1991 Annual Monitoring Report. This same discussion applies for other contaminants in lower Unit 3.

The 1,000 ug/l contour for the plume from Site I appears to be limited between 03L673 and 03L848. This plume also bends southward, but does not extend as far south. The two plumes are clearly separated off-post by non-detections at 03L841, 03L859, 409557, 03L854, and 03L861.

Outside of the two apparent plumes, detections were reported at 409556 and 03L858. 409556 is further west near the City of New Brighton municipal well field. Based on the available data for lower Unit 3, including a non-detection at 03L846, it would not seem that the detection at 409556 is related to TCAAP. However, as will be shown and discussed for upper Unit 4 later in this report, the contaminant plume appears to turn westward towards the municipal well field. Hence, the 1 ug/l contour on the west side of the plume may actually extend down around 409556 before looping back northeast around 03L846. Additional lower Unit 3 monitoring locations west of Long Lake would be required to verify the actual conditions.

The detection at 03L858 was 6.83 ug/l. This location is approximately 2.8 miles south of Interstate 694 where the 1 ug/l contour is shown to terminate. Again, based upon the available lower Unit 3 data, it does not appear that this detection is related to TCAAP.

However, the connection cannot be ruled out since contamination related to TCAAP does extend this far south in upper Unit 4.

b. 1,1,1-Trichloroethane

Contour maps for 1,1,1-trichloroethane in lower Unit 3 are presented as Plan Sheets 19 and 20. Similar to the contour maps for trichloroethene, the plumes from Sites D and G are merged on-post in lower Unit 3 with no clear distinction between the two sources. The 1,000 ug/l contour defines the greatest impacts near the southwest portion of TCAAP and extends off-post nearly to Rush Lake. The 1,1,1-trichloroethane plume is narrower on-post than the trichloroethene plume as defined by the 1 ug/l contour near 03L084 to the north and 03L078 to the south. Off-post, the 1 ug/l contour extends near the south end of Long Lake.

The plume emanating from Site I does not appear to have impacted lower Unit 3 on-post, and impacts off-post are limited as defined by the 1 ug/l contour near 03L673.

Other than the plumes described above, no detections of 1,1,1-trichloroethane were reported either on-post or off-post for April 1990.

c. Total VOCs

Concentration contour maps for total VOCs are presented as Plan Sheets 25 and 26. Total VOCs were summed using the method detection limits for values reported as less than the method detection limit. Thus, although a well may have had no VOC detections, the total VOC value is generally greater than 15 ug/l as the result of summing the method detection limits. Because method detection limits can vary between samples, there is not a single value which can be interpreted as representing no detections.

Plan Sheets 25 and 26 show that the shape and extent of the total VOC plumes both on- and off-post, are similar to the plumes illustrated on the trichloroethene and 1,1,1-trichloroethane contour maps. This is not surprising since these two individual parameters are the greatest contributors to the total VOC value. The 10 ug/l and 1 ug/l contours were not prepared since all values outside of the 100 ug/l contour are greater than 10 ug/l.

In general, the total VOC contour maps indicate that VOCs other than trichloroethene and 1,1,1-trichloroethane were detected only at locations where these two parameters are present. The total VOC maps do not indicate any contaminant plumes outside of the primary plumes.

#### D. Upper Unit 4

##### 1. Background Conditions

To assess background conditions in upper Unit 4, monitoring was performed during FY 90 at 04U007 and 04U510 near the eastern TCAAP boundary. No VOC detections were reported at these wells, similar to previous sampling events.

##### 2. Contaminant Plume Characterization

###### a. Trichloroethene

Contour maps for trichloroethene in upper Unit 4 are included as Plan Sheets 15 and 16. The trichloroethene concentration contour maps for upper Unit 4 in Spring 1990 are different from those presented in the 1989 Annual Monitoring Report. The differences are the result of having additional data points in 1990 which permitted greater resolution in contouring, particularly off-post.

Plan Sheet 15 shows that the maximum trichloroethene concentrations on-post are defined by the 1,000 ug/l contour around 04U077. The 100 ug/l contour extends on-post around 04U020 in the vicinity of where the plumes from Sites D and G merge. Similar to lower Unit 3 contour maps, the two distinct plumes from the sites are not apparent in upper Unit 4.

An unusual feature on Plan Sheet 15 is created by the 10 ug/l contour near wells 04U001, 04U713, and 04U714. The unusual twist in the contour line is the result of a value at 04U713 which is less than 10 ug/l. Previous concentrations at this well were greater than 10 ug/l suggesting that pumping at wells PJ#313 and PJ#311 may be decreasing trichloroethene concentrations near 04U713.

Plan Sheet 15 indicates that the plume emanating from Site I has not impacted upper Unit 4 on-post, but contamination is observed just off-post. Plan Sheet 16 shows that the maximum concentrations of the Site I plume are defined by the 1,000 ug/l contour around well 04U673. The 100 ug/l contour extends further southwest between 04U848 and 04U845. As shown on Plan Sheet 16, a second area greater than 100 ug/l exists further south around 234335 (Mengelkoch #1). The two 100 ug/l contours are separated by 04U845 and 04U854. This second area greater than 100 ug/l suggests two possibilities: either 234335 is actually completed deeper than upper Unit 4 and represents contamination at a different depth; and/or the variability in contaminant concentrations is due to fractured flow.

Plan Sheet 16 illustrates that the plume from Sites D and G swings southward away from TCAAP similar to the upper and lower Unit 3 contour maps. However, unlike in Unit 3, the upper Unit 4 plume apparently bends back westward in the vicinity of Long Lake. Furthermore, the plume appears to split into two lobes as defined by the 100 ug/l contour which extends west around 409549, back east around 04U849, and back west towards 206793.



The westward shift in the plume is most likely in response to pumping at New Brighton municipal wells #3 and #6 (206793 and 206797), but the cause for the plume split is not obvious. Previous concentrations at 04U849 have decreased from 460 ug/l on December 1, 1987 to 41.4 ug/l on August 24, 1988 to 18.10 ug/l on April 18, 1990. This suggests that the division was not always as well defined.

The 100 ug/l contour is interpreted to extend between 206797 and 206793. The 10 ug/l and 1 ug/l contours suggest that the plume bends once more southward in the vicinity of these wells, probably in response to pumping of St. Anthony municipal wells further south near Silver Lake Road.

Plan Sheet 16 indicates that the 1 ug/l contour encompasses both plumes migrating away from TCAAP. However, the 10 ug/l contour clearly shows separation between the main bodies of the two plumes from TCAAP. The separation is evidenced by values less than 10 ug/l at 04U711, 04U859, 04U861, and 409548.

Plan Sheet 16 also indicates evidence for a separate source of trichloroethene which is contributing to the plume south of County Road C. The available data results in a 100 ug/l contour line around 200812 (Gross Golf Course). While it is possible that the 1 ug/l contour from the TCAAP plume connects with the 1 ug/l contour south of County Road C, the 100 ug/l contours are separated by over 3 miles. It is possible that trichloroethene has migrated south of County Road C from TCAAP; however, the data indicates the possibility that a separate source is contributing to the higher concentrations reported at 200812 (Gross Golf Course), 234546 (Honeywell), and 233221 (Reuben Meats). Taking into account downward migration, it is possible that this separate source area is located in the vicinity of Gross Golf Course near County Road C.

b. 1,1,1-Trichloroethane

Contour maps for 1,1,1-trichloroethane are presented as Plan Sheets 21 and 22. In general, the shapes of the plumes are the same as for trichloroethene, but the 1,1,1-trichloroethane concentrations are lower.

The maximum concentrations in the plume from Sites D and G are defined by the 100 ug/l contour which extends from near Building 503 on-post to the south end of Long Lake. Near Long Lake the plume bends westward and splits into two lobes as defined by the 10 ug/l contour. The 10 ug/l contour extends further west around New Brighton municipal wells #3 and #6 (206793 and 206797) and 04U877.

Impacts to upper Unit 4 from the Site I plume are limited to a small area near 04U673 as defined by the 1 ug/l contour.

Similar to the trichloroethene contour map for upper Unit 4, Plan Sheet 22 indicates that a separate source of 1,1,1-trichloroethane may be contributing to the plume south of County Road C. It is unclear whether the 1 ug/l contours should connect, since concentrations <1.00 ug/l were reported at 04U882 and 04U883. The 10 ug/l contours appear to be separated by approximately 3 miles.

c. Total VOCs

Concentration contour maps for total VOCs are presented as Plan Sheets 27 and 28. Total VOCs were summed using the method detection limits for values reported as less than the method detection limit. Thus, although a well may have had no VOC detections, the total VOC value is generally greater than 15 ug/l as the result of summing

the method detection limits. Because method detection limits can vary between samples, there is not a single value which can be interpreted as representing no detections.

Plan Sheets 27 and 28 show that the shape and extent of the total VOC plumes both on- and off-post, are similar to the plumes illustrated on the trichloroethene and 1,1,1-trichloroethane contour maps. This is not surprising since these two individual parameters are the greatest contributors to the total VOC value. The 10 ug/l and 1 ug/l contours were not prepared since all values outside of the 100 ug/l contour are greater than 10 ug/l.

In general, the total VOC contour maps indicate that VOCs other than trichloroethene and 1,1,1-trichloroethane were detected only at locations where these two parameters are present. The total VOC maps do not indicate any contaminant plumes outside of the primary plumes.

#### E. Vinyl Chloride

Relative to the other VOC compounds, vinyl chloride has a low groundwater action criteria which justifies special discussion for this parameter. The groundwater action criteria for vinyl chloride is 0.015 ug/l as set forth in Table 3.7A of the FFA. During FY 90, vinyl chloride was not detected in any wells either on-post or off-post.

#### F. Summary

The groundwater quality contour maps indicate that Sites D and G are sources for VOC contamination. The plumes from these two sites appear to merge in the vicinity of Building 503 on-post, and continue to move off-post as a single plume.

The contour maps show that Site I is also a source for VOC contamination, however, the maximum concentrations in the Site I plume are less than those in the plume for Sites D

and G. The main body of the Site I plume is clearly separated from the plume associated with Sites D and G.

VOC concentrations are greatest in the upper Unit 3 aquifer on-post. As the contamination moves downgradient, it is also moving progressively deeper within the series of aquifer units. Thus, relative to lower Unit 3 and upper Unit 4, contamination in upper Unit 3 represents the highest concentrations on-post, but the lateral extent off-post is the least. Conversely, upper Unit 4 is less impacted on-post, but represents the greatest extent of contamination off-post.

VOC contamination in Unit 3 and in upper Unit 4 curves southward as it migrates away from TCAAP. However, contamination in upper Unit 4 appears to swing back westward near Long Lake, apparently in response to pumping at New Brighton municipal wells #3 and #6. In this area, the plume turns southward once more towards the St. Anthony municipal wellfield.

The data suggests trichloroethene from TCAAP may have migrated south beyond County Road C. However, it is not as clear whether 1,1,1-trichloroethane from TCAAP has migrated south of County Road C. Furthermore, the data indicates the possibility of a separate source, unrelated to TCAAP, which is contributing to the relatively high concentrations south of County Road C including wells 200812 (Gross Golf Course), 234546 (Honeywell), and 233221 (Reuben Meats).

## VII. DISCUSSION OF GROUNDWATER QUALITY FOR SPECIFIC AREAS

### A. Known or Potential Source Areas

#### 1. Site A

Discussion of groundwater quality data for Site A is presented in Section IX.C of this report.

#### 2. Site B

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

Limited sampling was performed at Site B during 1990 as a continued check on groundwater quality. Wells 01U037 and 03U082 at Site B were sampled during April 1990 for halogenated VOCs (Category 1) as detailed in Appendix E. Results of the analysis for 01U037 did not detect the presence of halogenated VOCs, which is consistent with earlier analysis performed during Quarter 18. While sampling of 03U082 was the first performed since prior to November 1987 (Quarter 16), the absence of detectable halogenated VOCs during April 1990 at this well is similar to the results at well 03U022 during Quarter 18. The complete listing of the TCAAP organic groundwater quality data is included as Table 2.

#### 3. 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 1990 was done as a continued check on groundwater quality. Well 01U085 was sampled during April 1990 for both halogenated and aromatic VOCs (Category 1 and 7, respectively) to evaluate Unit 1 water quality. Analytical results show no halogenated or aromatic VOCs detected which is consistent with previous analytical results shown in Table 2.

An upper Unit 3 monitoring well was also sampled during 1990 to monitor Unit 3 water quality at Site C. Well 03U083 was sampled for Category 1 and Category 7 parameters during April 1990. No halogenated VOCs were detected for this sampling event. Low levels of aromatic VOCs, specifically benzene at 1.25 ug/l and toluene at 5.26 ug/l were reported. Previous sampling of 03U083 in August, 1988 did not detect any aromatic or halogenated VOCs, although low levels of toluene (1.92 ug/l) were detected in 03U025, another Site C well in August, 1988.

#### 4. 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 an in-situ volatilization system (ISV) and a groundwater recovery system. The groundwater recovery system utilizes pumping wells 03U316 and 03U317 located downgradient as shown on Plan Sheet 2 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.

The sampling proposed for Site D in 1990 is shown in Appendix D. The analytical results of Site D sampling is included in Table 2. Plan sheets have been included which contour contaminant concentrations detected in upper and lower Unit 3 and upper Unit

4. Trichloroethene, 1,1,1-trichloroethane, and total VOC concentrations have been contoured and are discussed in Section VI.

In general, upper Unit 3 remains the most contaminated with well 03U093 having the highest concentrations. Trichloroethene remains the most abundant contaminant with 30,000 ug/l reported in well 03U093 during April 1990. Overall, the halogenated VOCs, namely 1,1,1-trichloroethane, trichloroethene, and 1,1-dichloroethene comprise the primary contaminants migrating southwest from Site D.

During 1990, contaminant concentrations in several Site D wells exceeded the groundwater action criteria specified in Table 3.7A of the FFA. Concentrations of trichloroethene exceeded the action criteria of 2.8 ug/l at wells 03U017, 03U018, 03U093, 03U096, 03U314, 03U315, 03M017, 03L017, and 03L018. Tetrachloroethene concentrations at wells 03U018, 03U093, 03U314 exceeded the groundwater action criteria of 0.7 ug/l, while 1,1,1-trichloroethane concentrations at wells 03U017, 03U018, 03U093, 03U096, 03U314, 03U315, and 03M017 exceeded the groundwater action criteria of 22 ug/l. Exceedances were also observed at Site D wells for 1,1-dichloroethene, chloroform, cis-1,2-dichloroethene, 1,1,2-trichloroethane, and 1,2-dichloroethane. A complete listing of groundwater action criteria exceedances are given in Table 6.

Water quality trend figures have been prepared showing variations in trichloroethene concentrations across the site. These figures plot the concentrations of well 03U032 upgradient of Site D, well 03U093 as a source strength well, and wells 03U017, 03M017 and 03L017 as downgradient wells. The trend figures are shown as Figures 11 and 12.

#### 5. 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). Focus on groundwater sampling has been on Unit 3 since Units 1 and 2 are absent at the site.

Historically, low levels of trichloroethene (TRCLE) and tetrachloroethene (TCLEE) have been detected within Site E at wells 03U088 and 03U089. TRCLE has also been detected consistently at 03U704, along with detections of 1,1,1-trichloroethane (111TCE) prior to April 1990. Well 03U015, located downgradient of Site E, had detections of TCLEE, TRCLE, and 1,2-Dichloroethene (12DCE) in August 1988, but these parameters were not detected prior to or after that event. Aromatic VOCs have historically not been detected and have been dropped from sampling in recent years. Metals concentrations as observed in groundwater have been within background levels and are not a significant concern; hence, metals have also been dropped from sampling in recent years.

During 1990, analysis for halogenated VOCs (Category 1) was performed during April 1990 at wells 03U015, 03U088, 03U089, and 03U704 to monitor the site for changes in low levels of TRCLE and TCLEE. Well 03U704 was also sampled during January and July of 1990 to evaluate conditions near the gravel pit area. Groundwater quality as observed using April 1990 analytical results has not changed significantly from what has been observed in the past. Low levels of TRCLE and TCLEE were detected in the wells located within Site E, (03U088, 03U089, and 03U704) while no detections have been reported at downgradient well 03U015. Table 2 contains the results of groundwater analysis performed for the organic parameters present at Site E. Well 03U704 is the only Site E well which has detected 1,1,1-trichloroethane (111TCE) in recent sampling with low levels of 111TCE reported during Quarters 23-25 (July 1989 - January 1990). Analysis in April and July of 1990 did not detect 111TCE at 03U704.

Wells 03U088 and 03U089 exceeded the groundwater action criteria of 0.7 ug/l for tetrachloroethene during April 1990 analysis with values of 2.94 ug/l and 1.83 ug/l, respectively. Well 03U704 exceeded the groundwater action criteria of 2.8 ug/l for trichloroethene during January and April of 1990 with values of 9.6 ug/l and 3.1 ug/l, respectively. The groundwater action criteria values are established in Table 3.7A of the FFA. Table 6 contains the complete list of groundwater quality exceedances during 1990.



## 6. Site F

Site F, located along Snelling Avenue in the south-central portion of TCAAP between Sites D and G, is reported to have been used for the burning of explosives and the burial of mercury crack cases, in addition to reports that waste oil was also burned at the site (Argonne National Laboratory, 1990).

Unit 3 represents the aquifer of primary concern. Historically, wells in upper Unit 3 have had significant levels of halogenated VOCs, specifically 1,1,1-trichloroethane (111TCE) and trichloroethene (TRCLE) and to a lesser extent 1,1-dichloroethene (11DCE). The contamination present in Site F wells seems likely to be the result of disposal practices at nearby Sites D and G. Chloroform has also historically been detected in certain Site F wells and aromatic VOCs, specifically benzene and toluene, have sporadically been detected. Cyanide has also been detected in upper Unit 3.

Sampling proposed for Site F in the 1990 Annual Monitoring Plan consisted of annual sampling for both halogenated and aromatic VOCs at five upper Unit 3 wells; quarterly sampling for halogenated and aromatic VOCs at two downgradient well locations; and an annual sample for cyanide (Category 4) at two wells. Because of the significant presence of metals in the Site F soils, groundwater sampling for metals was added during 1990 to gather additional information for closure.

The additional sampling for metals consisted of annual sampling during July 1990 of the seven upper Unit 3 wells and the one lower Unit 3 well for the Category 2 parameters.

Sporadic detections of metals were observed in the July 1990 sampling. Barium, chromium, and manganese continue to be observed in wells with no concentrations being significantly above background levels. Lead was detected for the first time since Quarter 16 in Site F wells at 03U112 and 03U121 at concentrations of 3.31 ug/l and 2.67 ug/l, respectively. These concentrations are below the groundwater action criteria of 20 ug/l

established in Table 3.7A of the FFA. Cadmium was also detected for the first time since Quarter 16 at wells 03U112 and 03U113 at concentrations of 0.65 ug/l and 0.86 ug/l, respectively. These concentrations are also well below the groundwater action criteria of 5 ug/l established in the FFA. A complete listing of the inorganic data base is included as Table 3.

Concentrations of 1,1,1-trichloroethane (111TCE) and trichloroethene (TRCLE) at Site F have remained fairly constant as observed in 1990 analytical results. Exceptions are the increased concentration in well 03U092 located downgradient which has risen from 24.9 ug/l in November, 1988 to 390 ug/l in May, 1990. Wells 03U113 and 03L113 continue to be non-detect for 111TCE and TRCLE, while well 03U019, which has historically had low levels of 111TCE and TRCLE had no reported detection for the first time in July 1990. Well 03U121 had detections of TRCLE (12.20 ug/l), 11DCE (1.63 ug/l), and 111TCE (61.60 ug/l) in November 1988, but no detections of any halogenated VOCs were reported for any of the three events in 1990. The Site F source strength well continues to be well 03U114, which detected 111TCE concentrations between 980-1400 ug/l and TRCLE concentrations between 210-350 ug/l during 1990. Isoconcentration maps showing 1,1,1-trichloroethane concentrations in upper and lower Unit 3 are included as Plan Sheets 17 and 19 respectively, while trichloroethene maps of the same units are included as Plan Sheets 11 and 13, respectively.

Sporadic detections of aromatic VOCs were detected in upper Unit 3 wells in 1990. Low levels of benzene were detected in wells 03U121 and 03L113 for the first time in 1990, while well 03U113 was non-detect in July 1990 after benzene was detected for the first time in April 1990. Toluene detections follow a somewhat similar pattern being found in wells 03U121 and 03L113 in low concentrations while well 03U026, which had detected toluene in 1988, did not detect the parameter in April, July, or September of 1990.

Chloroform has also been consistently detected in wells 03U092 and 03U112 with the concentrations remaining fairly constant. Chloroform values are included in Table 2.

Cyanide (Category 4) was detected in well 03U112 at 12 ug/l during July 1990 while well 03U121 did not detect cyanide.

Wells 03U026, 03U092, and 03U114 were above the groundwater action criteria established in Table 3.7A of the FFA for trichloroethene, 1,1,1-trichloroethane, and 1,1-dichloroethene. Wells 03U026, 03U092, and 03U112 were above the action criteria set for chloroform, while 03U113 and 03U121 were above the action criteria established for benzene. A complete listing of groundwater exceedances, as well as the action criteria are included in Table 6.

## 7. Site G

Site G, also located on Snelling Ave just south of Site F in the south-central portion of TCAAP, has contributed significant contamination to Unit 3 and 4. Site G was reportedly used as a dumping area for waste products, including solvents, until approximately 1978 (Argonne National Laboratory, 1990). Corrective measures, including an in-situ volatilization system (ISV) and a groundwater recovery system have been installed and are currently operating.

Halogenated VOCs, particularly 1,1,1-trichloroethane (111TCE), trichloroethene (TRCLE) and 1,1-dichloroethene (11DCE) are the primary contaminants of concern at Site G. Aromatic VOCs (Category 7) and metals (Category 2) have not been detected in significant concentrations and have been dropped from sampling in recent years.

The Site G sampling proposed in the 1990 Annual Monitoring Plan consisted of wells from the 020 well nest being sampled annually and wells 03U014, 03U316, and 03U317 being sampled quarterly. All wells were sampled for halogenated VOCs. No sampling was performed during September 1990 as proposed and 03U014 was only sampled in three of the four quarters proposed. Appendix D shows the differences in proposed versus performed sampling in 1990.

In general, concentrations of 111TCE, TRCLE, and 11DCE have not changed significantly from previous data. Sporadic detections of methyl ethyl ketone (MEK) have been observed in the 1990 water quality data while vinyl chloride, previously detected at 03M020 and 04U020 were reported non-detect in 1990 sampling.

The 1990 groundwater quality data shows contamination above the groundwater action criteria for TCLEE, TRCLE, 11DCE, C12DCE, T12DCE, 111TCE, 112TCE, 12DCLE and chloroform. A complete listing of the groundwater action criteria and the water quality data which exceeds the action criteria is included as Table 6.

#### 8. 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 including solvents (Argonne National Laboratory, 1990).

Historic groundwater sampling at Site H has not detected any significant contamination.

A groundwater quality check in 1990 consisted of sampling upper Unit 1 wells 01U060 and 01U098; upper Unit 3 wells 03U005 and 03U099; as well as lower Unit 3 well 03L005. As per comments from the regulatory agencies, the 005 wells are now being used to evaluate water quality in the bedrock valley. Therefore, 1990 results of the 005 well nest will be discussed in Section VII.B. Wells in the Site H area were sampled during April 1990 for both halogenated and aromatic VOCs.

The only contaminant detected in the Unit 1 wells was a low level detection of 0.57 ug/l trichloroethene (TRCLE) at well 01U098, which had historically reported no detections.

The upper Unit 3 well, 03U099, also had a low level detection of TRCLE (1.14 ug/l) for the first time. In addition, benzene and toluene at .63 ug/l and 2.67 ug/l, respectively were detected for the first time at well 03U099.

#### 9. Site I

Alliant Techsystems, Inc. has provided a discussion on groundwater quality at this site in the IRA-TGRS 1990 Annual Monitoring Report.

#### 10. 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 pumping station located northwest of Building 105. The sewer line transported solvents, grease, and other materials which entered into floor drains in Building 576 (Argonne National Laboratory, 1990).

Groundwater sampling in the Site J area has focused on Unit 1. Historic groundwater sampling at Site J has not detected any significant contamination. Of the ten Unit 1 wells used to monitor groundwater quality in the vicinity of Site J, only one well, 01U526, has ever detected contaminants.

During April 1990, a check of groundwater quality was performed by analyzing well 01U526, for halogenated VOCs (Category 1). Results show a low level of trichloroethene at 1.14 ug/l which is consistent with previous levels.

#### 11. Site K

Alliant Techsystems, Inc. has provided a discussion on groundwater quality at this site in the IRA-TGRS 1990 Annual Monitoring Report.

## 12. 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 into leaching pits located at the site (Argonne National Laboratory, 1990).

No Unit 1 or 2 is present at Site 129-3; thus, the primary unit of concern is Unit 3. Low levels of trichloroethene (TRCLE) and 1,1,1-trichloroethane (111TCE) have historically been detected in well 03U087, while 03U521 has detected low levels of trichloroethene (TRCLE).

Well 03U521 was sampled during April 1990 for halogenated VOCs (Category 1) and cyanide (Category 4) as a check on groundwater quality. The results show a detection of trichloroethene at 0.91 ug/l which is consistent with previous water quality results. No cyanide was detected during 1990 sampling, which is also consistent with previous water quality results.

## 13. 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, 1990).

Unit 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. In April 1988, no halogenated VOCs were detected at 01U072, the only Unit 1 well at the site. This well has not been sampled since that time. 111TCE and TRCLE had been detected in the Quarters 16 and

18 sampling of well 03U111, but later sampling in Quarters 19 and 20 did not detect any halogenated VOCs.

Monitoring in 1990 consisted of sampling well 03U097 for halogenated VOCs during April 1990. Results reveal a detection of TRCLE at 1.81 ug/l.

#### 14. 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, 1990). Halogenated VOCs, particularly 1,1,1-trichloroethane (111TCE) and trichloroethene (TRCLE) are present in the four upper Unit 3 wells and the one lower Unit 3 well located in and around Site 129-15. Sporadic detections of aromatic VOCs, specifically benzene and toluene, have been observed in the wells.

During 1990, wells 03U032 and 03U124 were sampled quarterly while wells 03U016, 03U090, and 03L091 were sampled during April 27 to May 1. All wells were sampled for halogenated and aromatic VOCs. Analytical results contained in Table 2 show continued detections of 111TCE, TRCLE and 11DCE in well 03U032, while 11DCLE was detected for the first time in September 1990. Analytical results for 03U090 showed continued detections of TRCLE, 12DCE, and 111TCE, while 11DCE was detected for the first time in July 1990. The consistent presence of 111TCE and TRCLE was reported in well 03U124, but 11DCE was not detected in 1990 compared to detections of 3.28 ug/l and 4.28 ug/l in 1988. Well 03U016, located upgradient of Site 129-15, did not detect any halogenated or aromatic VOCs in April 1990, the only time this well has been sampled since before November 1987. Well 03L091, which historically had reported no detections, had a detection of TRCLE of 0.62 ug/l during May 1990. Chloroform continues to be detected in steady concentrations at well 03U090.

Benzene was detected for the first time at wells 03U032 and 03L091 while toluene was detected in low levels at 03U090 and 03L091. A complete listing of analytical results for the organic parameters is included in Table 2.

The groundwater quality as observed at Site 129-15 wells during 1990 sampling exceeded the ground water action criteria for trichloroethene, 1,1-dichloroethene, 1,1,1-trichloroethane, chloroform, and benzene at locations specified in Table 6.

### 15. Gravel Pit

The gravel pit, located in the north-central portion of TCAAP is discussed here as a potential source area after contamination levels of some concern were detected in wells upgradient of Site E during 1989. A specific group of wells, namely upper Unit 3 wells 03U704, 03U705, 03U706, and 03U707, and lower Unit 3 well 03L523 were chosen to evaluate the gravel pit area.

Historically, wells 03U704, 03U705, and 03U707 have had very low levels of 1,1,1-trichloroethane (111TCE) and trichloroethene (TRCLE). Data results from Quarter 24 (October 1989) showed a significant increase in the levels of 111TCE and TRCLE present in wells 03U704 and 03U705, located downgradient of the gravel pit, and 03U707, located northwest of the gravel pit.

Groundwater sampling conducted in 1990 consisted of annual sampling during April 27 to May 2, 1990 of wells 03U706, 03U707 and 03L523, and quarterly sampling of wells 03U704 and 03U705. All samples were analyzed for halogenated VOCs listed as Category 1 in Appendix E.

Well 03U704, located within Site E but downgradient of the gravel pit contained low levels of TRCLE in 1990. Concentrations of TRCLE reported at 38 ug/l in October 1989 have decreased to 0.80 ug/l in July 1990.



Well 03U705, also downgradient of the gravel pit, did not detect 111TCE in the quarterly sampling performed in 1990 but did have levels of TRCLE at 2.53 ug/l during September 1990, down from 71 ug/l detected during October 1989.

Well 03U706, located southwest but not directly downgradient of the gravel pit, has historically not detected 111TCE, but does have consistent levels of TRCLE which were 4.2 ug/l in May 1990.

Well 03U707, located northwest of the gravel pit continues to have sporadic detections of 111TCE with 0.40 ug/l reported in January 1990, but no detections were reported in April 1990. TRCLE continued to be detected at 03U707, but the concentrations decreased from 13.00 ug/l in October 1989 to 2.60 ug/l in May 1990. No other parameters were detected at this well.

Well 03L523, a production well of the Arsenal Sand and Gravel Mining Company which operated the gravel pit until approximately 1986, was sampled for the first time during April 1990 and detected 0.85 ug/l TRCLE. The quality of this sample is questionable since the well is secured by a 55-gallon drum covering the exposed drop pipe. A recommendation on improving the integrity of this well is included in Section X.

The action criteria established in Table 3.7A of the FFA for trichloroethene of 2.8 ug/l was exceeded at wells 03U704, 03U706, and 03U707.

#### B. Bedrock Valley

A channel or valley exists in the bedrock beneath TCAAP which 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 through monitoring well 03L137 located within Site F.

The bedrock valley is eroded through the Prairie du Chien Dolomite and the Jordan Sandstone, thereby encountering the St. Lawrence Dolomite. The bedrock valley has been filled with Unit 3 unconsolidated deposits.

Wells which are 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 03L138 located east of Site G, and well 03L137 located on the western edge of Site F.

Historically, the wells located in the bedrock valley have not detected aromatic VOCs and only low levels of various halogenated VOCs. Well 03U005 has detected low consistent levels of trichloroethene (TRCLE) and 1,2-dichloroethene (12DCE). Low levels of TRCLE have been detected in well 03M005 in the past, but no TRCLE has been detected in this well since Quarter 20 (November 1988) when 0.87 ug/l TRCLE was detected. Wells 03L005 and 03L137 have historically had no detections while 03L138 had a detection of TRCLE at 1.72 ug/l for the first time during September 1990. Well 03L081, sampled for the first time in May 1990 had a TRCLE detection of 7.7 ug/l. This detection is apparent in the On-Post, Trichloroethene, Lower Unit 3 Isoconcentration Map included as Plan Sheet 13 which shows the 10 ug/l contour encircling 03L081.

In general, the uncontaminated water quality history of well 03L005 provides some 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.

### C. Miscellaneous On-Post Wells

Miscellaneous wells sampled during Fiscal Year 1990 included 03U007, 03U008, 03U009, 04U007, and 04U510 to assess background conditions; 03U706 and 03U707 in conjunction with the gravel pit; 03L081, 03L137, and 03L138 for the bedrock valley; and 03U031 southeast of Site K. Groundwater quality data for the background wells was discussed in Section VI of this report, while the gravel pit and bedrock valley were discussed in Sections VII.A.15 and VIII.B, respectively. Hence, this section will only encompass the data for 03U031.

Well 03U031 is located in the west-central portion of TCAAP, southeast of Site K; however, this well is not considered a Site K monitoring well since it is located hydraulically side - to upgradient.

Well 03U031 was sampled in April 1990 which resulted in a detection of trichloroethene at 2.60 ug/l. No other Category 1 compounds were detected. Furthermore, the concentration was below the action criteria for trichloroethene of 2.8 ug/l as set forth in Table 3.7A of the FFA.

Previously, no VOC detections were reported for 03U031 during October 1989 or October 1988. However, trichloroethene was detected on four occasions from January 1988 to August 1988 with concentrations ranging from 0.53 to 6.00 ug/l.

Plan Sheet 11 shows a 1 ug/l contour for trichloroethene encircling only well 03U031, since no detections were reported at 03U015 to the east or 03U083 to the north.

### D. Southwest Boundary Area

Groundwater quality in the southwest boundary area is most easily defined by analyzing groundwater quality trends from the area. In general, concentrations are fluctuating and

no clear trends are observed. Groundwater trends have been created detailing changes in TRCLE concentrations over time at various locations and aquifers in the southwest boundary area.

Figure 20 shows TRCLE trends at well nests 001 and 714 which are located along the north edge of the plume. The highest concentrations of TRCLE have fluctuated significantly, but the upper Unit 4 and Jordan aquifers have the highest concentrations at present.

Figures 21 and 22 show concentrations over time at well nest 003 and 03U672 which are located in the southeastern end of the southwest boundary area. Concentrations in upper Unit 3 at this location are much greater than any other unit and appear to be rising. It is not surprising that the highest contaminants would be in the upper Unit 3 when consideration is given to how close the well nest is from Site I.

Figures 23 and 24 show concentrations over time at well nest 802 and wells 03L809 and 409550. The 802 well nest is located in the southern portion of the southwest boundary area, while wells 03L809 and 409550 are located in the northern portion of the southwest boundary. The highest concentration in the northern area is in the lower Unit 3 aquifer, while the concentration in the upper Unit 3 aquifer, as illustrated by well 409550, appears to be rising slightly. Concentrations at the southern portion of the southwest boundary area in the lower Unit 3 at the 802 well nest appear to have decreased and are now less than 100 ug/l.

Figure 25 shows concentrations at the 806 well nest, located slightly off-post in the triangle area. This trend figure was prepared to evaluate water quality trends in the north plume migrating from TCAAP. Contamination in the lower Unit 3 aquifer has

historically been the highest, but TRCLE in the Upper Unit 4 is currently the highest at that location. Contamination in PJ#806 also appears to be increasing.

E. Off-Post

Groundwater quality in the areas off-post has been discussed in Section VI "Discussion of Groundwater Quality for Overall Study Area". The purpose of this section is to describe significant changes observed in water quality in the off-post area.

Groundwater trend figures were prepared using wells at various locations off-post to evaluate changes in water quality in Unit 3 and Unit 4.

Figure 26 shows trichloroethene (TRCLE) concentrations at wells starting just downgradient of TCAAP (04U847), travelling southwest to the 821 well nest, and continuing to the 846 well nest and 04U844 just north of Interstate 694. Concentrations of TRCLE in well 04U844 have been increasing since Quarter 22 (May 1989). The other wells shown on Figure 26 do not show any obvious trends, but instead fluctuate.

Figure 27 shows trichloroethene (TRCLE) concentrations at middle and lower Unit 3 wells of the 848 well nest located between Interstate 35W and Round Lake to the southwest of TCAAP. Also shown on this Figure are the lower Unit 3 well and upper Unit 4 well from the 832 well nest located slightly north of Interstate 694. During 1990, TRCLE concentrations in wells 03L848 and 04U848 appear to be declining, although the complete water quality trend for these wells does not show a general decline. The other wells shown on Figure 27 do not show any obvious trends, but instead fluctuate.

Figure 28 shows trichloroethene (TRCLE) concentrations at 409549 northwest of Pike Lake, continuing to well 04U877 directly south of Pike Lake, continuing further south to 200812 (Gross Golf Course), and ending farther downgradient at well 233221. In general concentrations in wells 200812 and 233221 appear to be declining, however these trends

are based on limited sampling data. The other wells shown on Figure 28 do not show any obvious trends, but instead are fluctuating.

In general, very few obvious increasing or decreasing trends are apparent in the off-post water quality data. Water quality for TRCLE fluctuates for the majority of off-post wells.

#### F. Summary

In summary, the contaminant concentrations observed in 1990 groundwater quality data have not showed steady increases or decreases, but instead have fluctuated. The same interpretation is true for data prior to 1990. Concentrations generally do not vary by orders of magnitude which would affect the isoconcentration maps for the VOCs.

The concentrations of contaminants in the gravel pit area is an example where concentrations have increased and declined in a relatively short period of time. Long-term trends should be developed which help temper the short-term fluctuations and allow for a more accurate assessment of the site.

## VIII. DISCUSSION OF SURFACE WATER QUALITY

Surface water monitoring during FY 90 consisted of sampling required per the TCAAP National Pollutant Elimination Discharge System (NPDES) permit. The data provided by FCC is included in Tables 7 and 8.

Table 7 indicates that trichloroethene was detected in nine surface water samples. Two values exceeded the surface water action criteria of 15 ug/l as set forth in Table 3.7B of the FFA. The exceedances were at 20200 on May 2, 1990 (15.70 ug/l) and 20800 on February 7, 1990 (20.80 ug/l). At both locations, the trichloroethene concentrations decreased below the action criteria during sampling events after the reported exceedance. Point 20200 is the outfall into Rice Creek from Buildings 103 and 114. Point 20800 is at Rice Creek near Interstate 35W, further downstream of Points 20200, 20300, and 20400.

Table 7 shows that sporadic detections of 1,1,1-trichloroethane were reported, but no values exceeded the surface water action criteria of 18000 ug/l. The detections were reported at 20100, 20200, 20700, and 20800. Points 20200 and 20800 were described above -- Point 20100 is the outlet from Marsden Lake near the northeast corner of TCAAP, and Point 20700 is where Rice Creek enters TCAAP near the northwest corner.

No other detections of VOCs were reported for FY 90.

Table 8 indicates that cyanide was detected February 7, 1990 at 20200 (11 ug/l), 20300 (11.8 ug/l), and 20400 (14.5 ug/l). These three points are outfalls into Rice Creek near the west side of TCAAP. All three detections are greater than the surface water action criteria of 5.2 ug/l.

Zinc concentrations above the action criteria of 47 ug/l were reported at 20200 (52.7 ug/l) and 20500 (173 ug/l, 64 ug/l, and 104 ug/l). Point 20200 is the outfall from Buildings 103 and 114 while Point 20500 is at Round Lake.

Table 8 shows that cadmium, lead, nickel, and mercury were not detected at any locations during FY 90.



## IX. EVALUATION OF SITE A INTERIM REMEDIAL ACTION

### A. Introduction

#### 1. Location

Site A is located near the northern boundary of TCAAP as shown on Plan Sheet 2. Areas within Site A may have been used for the disposal of waste products including sewer sludge, solvents, explosive-containing wastes, and mercury contaminated cartridges (Argonne National Laboratory, 1990) The disposal processes may have begun as early as 1940 and continued until 1966, consisting of burning and/or burial of the waste products described above (Argonne National Laboratory, 1990).

#### 2. Geology

The geology of the site consists of Quaternary-aged deposits which include the following units:

Fridley Formation (Unit 1)

Twin Cities Formation (Unit 2)

Hillside Sand Formation (Unit 3)

The Fridley Formation or Unit 1 is comprised of lacustrine silts to medium grained sands which act as a shallow unconfined aquifer. This unit varies in thickness from approximately 15-30 feet in the vicinity of Site A to 60 feet in the residential area of Shoreview north of Site A (Connell, June 1988). Unit 1 is the primary aquifer of concern in the Site A area.

The Twin Cities Formation or Unit 2 consists of glacial till which acts as an aquitard (Whitman, 1986). The surface of Unit 2 and its contact with overlying Unit 1 are

important features which have an effect on the Unit 1 groundwater flow direction and contaminant migration as will be discussed in later paragraphs.

The Hillside Sand Formation or Unit 3 consists of poorly sorted gravels and sands of outwash origin which act as an unconfined aquifer beneath Site A.

The bedrock below the Quaternary deposits is the Jordan Sandstone in the west and the Prairie du Chien Dolomite in the east. Site A is located over the east bank of a buried bedrock valley (Whitman, 1986). The bedrock surface in this area dips to the west. The unconsolidated sediments present above the bedrock at Site A are approximately 100 feet thick.

Due to the Unit 2 aquitard present at Site A, contamination from past disposal practices is limited to the Unit 1 aquifer. Presently, sixteen Unit 1 wells are located within the Site A boundary and another fourteen monitoring wells are located nearby which can be used to evaluate water quality in the vicinity of Site A. The locations of the monitoring wells located in and around Site A are shown on Plan Sheet 2.

## B. Groundwater Flow Evaluation

### 1. Summary of 1990 Monitoring Activities

The most extensive groundwater level monitoring conducted at TCAAP by FCC is performed at Site A. During FY 90 monthly water level readings were measured at 29 wells. The groundwater elevation data obtained is presented in Table 1.

## 2. Flow Direction

The Unit 1 groundwater flow direction at Site A is generally west/northwest as shown on Plan Sheet 29, which depicts the specific conditions during Quarter 26 (April 1990). The contours shown in the western portion of Site A are more westerly, but are based on fewer data points than the northwesterly contours shown in the eastern portions of Site A. Per a request from MPCA staff, the Unit 1 groundwater elevation map has been contoured without using the water level reading from the pumping well 01U350. The groundwater flow direction for 1990 data which is shown on Plan Sheet 29 is consistent with the flow direction observed in the 1989 Annual Monitoring Report. Groundwater flow is to the northwest for the area of Site A near the pumping well on the north side of Building 308. The groundwater elevation contours gradually curve indicating that there is more of a westerly component in flow in the area near well 01U102 and the areas south of Building 308. The groundwater flow interpretation in the southwest portion of Plan Sheet 29 is based on a small number of data points and interpolation is performed over a large area. An additional data point in this area would aid in interpreting the groundwater flow direction west of well 01U102.

Rice Creek, a generally north-south trending water body is partially shown on Plan Sheet 29. The USGS topographic map (New Brighton Quadrangle, revised 1980) indicates that the elevation of Rice Creek is approximately 875 feet just west of Site A. This elevation matches well with the groundwater elevations and gradient observed at Site A, thereby suggesting that groundwater in Unit 1 discharges to Rice Creek.

Implementation of the Site A IRA has affected the groundwater flow pattern in a relatively small area of Site A downgradient of pumping well 01U350. Water level contour 886 feet has been affected by the initiation of pumping at well 01U350. It is possible that the 886 foot contour closes around the pumping well, but without a monitoring well located between monitoring wells 01U108 and 01U117 this cannot be confirmed. If the water level data from Quarter 20 (1988) and Quarter 23 (1989) were

contoured without the water level data from the pumping well, the influence due to pumping appears to have been greater in 1988 and 1989 than the 1990 influence shown on Plan Sheet 29.

The horizontal hydraulic gradient based on 1990 water level readings varied from 0.0026 to 0.007 feet per foot. Using the results of a pumping test performed on well 01U108, a hydraulic conductivity value of  $1 \times 10^{-4}$  cm/sec was calculated for Unit 1 (Overtoom, 1988). Using this hydraulic conductivity, the maximum horizontal hydraulic gradient shown above, and a porosity value of 0.35, the horizontal groundwater velocity is calculated to be approximately 0.006 feet/day or two feet/year.

### 3. Groundwater Level Trends

Groundwater levels in all Site A Unit 1 wells except for the Site A pumping well (01U350) reacted very similarly during FY 1990 increasing an average of 3.2 feet. Water levels generally dropped in wells from November 1989 (Quarter 24) to April 1990 (Quarter 26) when little or no precipitation was infiltrating into the unconfined aquifer. Groundwater level increases were reported in all wells from April 1990 (Quarter 26) through July 1990 (Quarter 27) to September 1990 (Quarter 28) when infiltration into Unit 1 recharged the aquifer.

Groundwater hydrographs detailing the water levels in the following selected wells: 01U038, 01U039, 01U067, 01U108, 01U115 and 01U350 have been prepared to show water level fluctuations which have occurred over the Site A area. The hydrographs are included as Figure 10.

The Unit 1 wells in general had exhibited declining groundwater levels since 1987 which was the result of at least two years of below average precipitation in the Minneapolis-St. Paul metropolitan area. Groundwater levels recorded in October 1990 (Quarter 28) are at or near the levels recorded in the wells in November 1987 (Quarter 16).

The horizontal hydraulic gradient observed during 1990 is similar to the gradients observed using 1987-1989 data and does not appear to display seasonal variation.

#### 4. Additional Factors Affecting Flow

The discharge of treated water from the IRA into a drainage ditch along the north side of Building 308 was evaluated to determine its effect, if any, on groundwater flow. The groundwater discharge location and extent of surface flow is shown on Plan Sheet 29. This was investigated because there appeared to be the potential that water discharged into the drainage ditch could infiltrate and cause mounding which might result in a northerly direction of flow which could go undetected between wells 01U039 and 01U125. Plan Sheet 29 indicates that water levels recorded in 01U117 and 01U125 do not show an increase in water level elevations which could be attributable to groundwater mounding from the Site A IRA discharge.

### C. Groundwater Quality Evaluation

#### 1. Summary of 1990 Monitoring Activities

Groundwater sampling at Site A during 1990 consisted of a comprehensive sampling event conducted during Quarter 26 (April 1990) which included eighteen Unit 1 wells and one Unit 3 well. The intensive annual sampling performed during the comprehensive quarter allows for the preparation of groundwater quality contour maps to delineate the extent of contamination.

Sampling during Quarter 27 (July 1990) and Quarter 28 (September 1990) consisted of four Unit 1 wells to evaluate groundwater quality at critical locations of Site A.

In addition, on a monthly basis monitoring wells 01U108 and 01U902, as well as pumping well 01U350, were sampled during FY 90 to evaluate water quality at critical locations and to observe operating conditions related to the Site A IRA.

All wells sampled at Site A in 1990 were analyzed for Categories 1 and 7 which are the halogenated and aromatic VOCs, respectively.

## 2. Contaminant Plume Definition

Contaminant plume definition maps have been prepared for Site A using the April 1990 comprehensive sampling results. Groundwater quality data collected since Quarter 16 (Fall 1987) for organic and inorganic parameters is included as Tables 2 and 3, respectively.

Attachment 2 of the Federal Facility Agreement (FFA) details that isoconcentration maps be prepared for trichloroethene (TRCLE), 1,1,1-trichloroethane (111TCE) and 1,1-dichloroethene (11DCE) at Site A. In reviewing the 1990 organic water quality data for Site A, it was observed that 111TCE and 11DCE were largely undetected at Site A. In their place, contour maps were developed for tetrachloroethene (TCLEE) and 1,2-dichloroethene (12DCE), which are present in the groundwater at Site A.

### a. Tetrachloroethene

Tetrachloroethene (TCLEE) concentrations obtained during the April 1990 comprehensive sampling event have been used to create an isoconcentration map which is included as Plan Sheet 30. Water quality trends for TCLEE at selected Site A wells are presented as Figures 29 and 32.

Tetrachloroethene contamination in Unit 1 was detected at five locations during April 1990. Initiation of pumping at Site A appears to be responsible for a declining

concentration of tetrachloroethene in wells 01U108 and 01U350. Monitoring well 01U108 appears to be the source strength well from disposal pits 2 and 5 as shown on Plan Sheet 30. The tetrachloroethene concentration downgradient of 01U108 at 01U117 in April 1990 (10.27 ug/l) was approximately the same as the two values in October 1989 (11.70 ug/l and 9.21 ug/l). The tetrachloroethene concentration at 01U117 has generally decreased since April 1989.

The highest tetrachloroethene concentrations detected during April 1990 were found at 01U102 which appears to be the source strength well from disposal sites 6 through 8 as shown on Plan Sheet 30. Observing the groundwater flow conditions present in the vicinity of well 01U102, migration appears to be largely westward. No wells are located immediately downgradient of well 01U102 to confirm contaminant migration westward. However, concentrations of trichloroethene and 1,2 dichloroethene, both degradation products of tetrachloroethene have been detected in well 01U135, which is further downgradient of 01U102.

Tetrachloroethene concentrations in Site A Unit 1 wells have been above the 0.7 ug/l groundwater action criteria level detailed in Table 3.7A of the FFA. The typical method detection limit is 1.0 ug/l for tetrachloroethene; hence, any detection of tetrachloroethene exceeds the action criteria. A listing of the groundwater action criteria exceedances is presented as Table 6.

b. Trichloroethene

Trichloroethene (TRCLE) concentrations as obtained during the April 1990 comprehensive sampling event have been used to create an isoconcentration map which is included as Plan Sheet 31. Water quality trends for TRCLE at select Site A wells are included as Figures 30 and 32.

In general, the initiation of pumping appears responsible for the decreased concentrations of TRCLE in monitoring well 01U108, which appears to be the source strength well near disposal pits 2 and 5 as shown on Plan Sheet 31. Prior to July 1989, monitoring well 01U108 had the highest concentrations of TRCLE at Site A. Since that time concentrations have been fluctuating, but increasing at monitoring well 01U102, and decreasing in 01U108 such that monitoring well 01U102 now has the highest concentrations of TRCLE at Site A. Monitoring well 01U102 appears to be a source strength well downgradient of disposal pits 6 through 8 as shown on Plan Sheet 31.

In comparing the Site A Unit 1 groundwater elevation map (Plan Sheet 29) and the TRCLE isoconcentration map, TRCLE contamination appears to be migrating as two plumes or lobes which may be from two different source areas. Contamination from disposal pits 1 through 5 appears to be following the groundwater flow direction in the vicinity of monitoring well 01U108 and travelling northwest as part of the northern lobe shown on Plan Sheet 31. Contamination from disposal pits 6 through 8 appears to be following the groundwater flow direction in the vicinity of well 01U102 and travelling west as part of the southern plume. The 100 ug/l contour line shown in Plan Sheet 31 encloses the contamination present in wells 01U102 and 01U108, but suggests two separate source areas.

Further justification for a north and south lobe is found in examining water quality at monitoring well 01U125 located northwest of 01U102. If contamination present near well 01U102 followed a northwest flow path, it would be expected to impact well 01U125. However, TRCLE has never been detected in 01U125.

The south lobe with its westerly flow direction may also be responsible for the low levels of TRCLE detected downgradient in well 01U135. Because of the long span between 01U102 and 01U135, the 1 ug/l contour has not been drawn to enclose both wells, as may be the case.



Trichloroethene levels recorded during 1990 at monitoring well 01U902 located north of County Road I have fluctuated near the groundwater action criteria of 2.8 ug/l for trichloroethene as documented in Table 3.7A of the FFA. Additional wells at Site A have exceeded the 2.8 ug/l criteria during 1990 and a listing of this data is included in Table 6.

c. 1,2-Dichloroethene

1,2-Dichloroethene (12DCE) concentrations obtained during the April 1990 comprehensive sampling event have been used to create an isoconcentration map of 12DCE values which is included as Plan Sheet 32. Water quality trend figures for 12DCE at select Site A wells are presented as Figures 31 and 32.

12DCE was detected in seven of the 16 wells sampled during April 1990 with the highest concentration present at monitoring well 01U902 as shown in Plan Sheet 32.

In comparing the 12 DCE isoconcentration map with the groundwater flow direction in the Unit 1 aquifer, it appears contaminant migration may be occurring in two lobes or plumes.

Monitoring well 01U102 appears to be the source strength well for contamination which may have originated from disposal pits 6 through 8. In evaluating the groundwater flow direction in the area of well 01U102 shown in Plan Sheet 29, it appears migration would be predominantly towards the west. Low concentrations of 12DCE have consistently been detected downgradient of well 01U102 at 01U135, but because of the long span between the two wells, the 1 ug/l contour has not been drawn to enclose both wells, as may be the case.

Monitoring well 01U108 appears to be the source strength well for disposal pits 2 and 5 as shown on Plan Sheet 32. Contamination which may have originated from disposal pits

1 through 5 appears to be following the groundwater flow direction in that area, apparently resulting in the north plume.

12DCE levels in wells 01U115, 01U116, and 01U117 appear to show that pumping has slowed or stopped the flow of contaminants from the source area. The concentrations in wells 01U115, 01U116, and 01U117 allow the 10 ug/l contour to show separation between the source strength well (01U108) and concentrations downgradient (01U902). This point will be discussed further in the next section: Recovery System Operation/Evaluation.

Concentrations at source strength wells 01U102 and 01U108, and downgradient well 01U902 were equal to or above the groundwater action criteria of 70 ug/l documented in Table 3.7A of the FFA. A complete listing of the groundwater exceedances at Site A is included in Table 6.

#### D. Recovery System Operation/Evaluation

Since September 13, 1988, FCC has operated and maintained an IRA groundwater recovery and treatment system at Site A. The Site A IRA is being evaluated in accordance with Attachment 2 of the FFA.

A Record of Decision prepared by the Department of the Army dated June 29, 1988 details the justification of a groundwater removal and treatment system at Site A (Walker, 1988).

##### 1. System Description

The groundwater recovery and treatment system consists of a pumping well, sediment filters, carbon filters, a heated building, and a discharge to an outfall drainage ditch.

The pumping well (01U350) is six-inches in diameter and is located just north of Building 308 as shown on Plan Sheet 29. The well is approximately 29 feet deep and encounters the following sediments:

silty sand	0- 9 feet below ground surface (BGS)
medium to coarse sand	9-18 feet BGS
clayey silt	18-22 feet BGS
silty sand	22-24 feet BGS
silty clay	24-31 feet BGS

The sediments shown above from 0-24 feet BGS comprises Unit 1 and the silty clay encountered from 24-31 feet BGS is Unit 2. The pumping well has a fifteen foot long, ten slot (0.010 inch) stainless steel screen which is installed from approximately 15-30 feet below ground surface. A 1/2 horsepower submersible pump rated at 10 gallons per minute (gpm) is installed in the well at approximately 25-28 feet BGS, although current conditions allow for a pumping rate of approximately 3 gpm.

Recovered groundwater is transferred to inside a 10 foot by 10 foot heated treatment building constructed adjacent to well 01U350 as shown on Plan Sheet 29. The treatment building contains four sediment filters operating in two parallel paths. The first stage sediment filters use 25 micron filters to remove fine grained particulates. The second stage filters are downstream of the first stage filters and are 5 micron filters which further remove fine grained particulate prior to the water travelling into the carbon vessels. The water is pumped through two 350-gallon Calgon Carbon Corporation Disposorb granular activated carbon vessels operated in series with each containing 1,000 pounds of granular activated carbon (Connell, April 1988). The carbon used in each vessel is Filtrasorb 300, with an effective size of 0.8-1.0 mm. (Connell, April 1988). The water after being treated is discharged to a west-to-east trending drainage ditch which is present on the north side of Building 308 as shown on Plan Sheet 29. The ditch is graded to allow water to travel west towards Mounds View Road, and then south eventually crossing under Mounds

View Road via a culvert and west to Rice Creek. The discharge drainage path is also shown on Plan Sheet 29. Since start-up of the system, water has infiltrated into Unit 1 within a short distance from the discharge point. Presently the water flows approximately 100 feet west from the discharge point before being completely infiltrated.

## 2. System Maintenance

A high amount of maintenance has been routinely performed on the system to ensure continuous operation. Due to high levels of iron bacteria and fine particulates, the initial 25 micron sediment filters quickly foul and are inspected daily and replaced approximately every 2 days. The five micron sediment filters also foul from iron bacteria and particulates and are being replaced approximately twice a week.

Due to the well pump becoming fouled and malfunctioning in 1989, the pump is now pulled from the well for cleaning and inspection every six months. The last inspection and cleaning took place February 6, 1991.

## 3. Treatment Volumes and Efficiency

During FY 90, the groundwater treatment system operating at Site A treated over 1,615,000 gallons of water as shown in Table 10 (Fuller, 1991). Since implementation of the groundwater treatment system on September 13, 1988, more than 3,800,000 gallons of water have been treated.

The required treatment level of the Site A IRA was established in the Site A Record of Decision (ROD) at five micrograms per liter (ug/l) for trichloroethene (Walker, 1988). This treatment level has been documented in the ROD to meet all state and federal applicable, relevant and appropriate rules and regulations (ARARs).

Verifying that the Site A IRA meets the required treatment level is achieved by performing monthly sampling of the influent and effluent of the treatment system. Influent of the system during 1990 averaged approximately 17 ug/l for trichloroethene, 17 ug/l for tetrachloroethene, 24 ug/l for 1,2-dichloroethene. The effluent has never been observed to be above the detection limit for any of the volatile organic compounds analyzed for.

The detection limits for the influent and effluent sampling during fiscal year 1990 were 0.5 ug/l for 1,2-dichloroethene and trichloroethene, and 1.0 ug/l for tetrachloroethene. During the March monthly sampling event, the detection limit for trichloroethene was 2.5 ug/l.

#### 4. Contaminant Quantities Recovered

Concentrations of VOCs have decreased sharply in well 01U350 since initiating pumping in 1988. Tetrachloroethene (TCLEE) concentrations have dropped from 620 ug/l to 19 ug/l; trichloroethene (TRCLE) has dropped from 380 ug/l to 10 ug/l; and 1,2-dichloroethene (12DCE) has dropped from 540 ug/l to 15 ug/l from September 13, 1988 through the end of FY 90 (September 18, 1990). Data showing the monthly concentrations of the contaminants discussed above is shown for well 01U350 in Table 10. (Note: Table 10 represents raw data from the laboratory prior to any adjustments which are made while entering the data into the IRDMS. Hence, minor discrepancies may exist between Table 2 and Table 10, since Table 2 data was retrieved from the IRDMS.)

Based on the measurements of the three VOCs shown in Table 10, the mass of contaminants removed from start-up through the end of FY 90 is 2.66 pounds. This mass removal rate is not surprising considering the low contaminant concentrations observed in the pumpout well and the relatively low pumping rate.

## 5. Capture Zone Evaluation

A system evaluation of Site A was last performed in detail in the Site A 90-Day Performance Report which evaluated the system based on data obtained from September through December 1988 (Jacques and Schwarz, 1989). The conclusion of that report was stated, "... the pump is located in the plume but is not effective in attaining the goal of removing contaminants." (Jacques and Schwarz, 1989).

The effectiveness of the Site A IRA system is being evaluated in this Fiscal Year 1990 Annual Monitoring Report based on the following information:

1. Site A groundwater elevation map (Plan Sheet 29);
2. Groundwater hydrographs for selected wells (Figure 10);
3. Site A TCLEE, TRCLE, and 12DCE plume definition maps (Plan Sheets 30 through 32); and
4. Groundwater quality trends for TCLEE, TRCLE, and 12DCE at selected wells (Figures 29 through 32).

The groundwater elevation map shows a deflection in the 886 and 887 contour lines as shown in Plan Sheet 29 indicating capture zone influences near the pumping well (01U350). The downgradient extent of the capture zone could be better defined if a monitoring point located between wells 01U108 and 01U117 allowed the 886 contour to be closed around the pumping location. The capture zone in April 1990, as defined by the contour lines, appears to be less extensive as compared to water level conditions observed in 1988 and 1989.

Figure 10 presents hydrographs for selected Site A wells. Figure 10 shows that in general, the water level trends at the monitoring wells have exhibited patterns similar to the recovery well (01U350). During late 1989 and early 1990, water levels decreased at the site. Beginning in approximately March 1990, the water levels increased at all of the

wells, but most notably at the recovery well (01U350). The increase observed at 01U350 represents, at least in part, a loss of drawdown due to fouling of the pump.

Based on the groundwater elevation map and the groundwater hydrographs, it appears the amount of drawdown in the pumping well has diminished during 1990 which has reduced the capture zone.

The isoconcentration map of 1,2-dichloroethene (Plan Sheet 32) does show apparent capture effects on 12DCE which appears to be migrating from disposal pits 2 and 5. The concentration of 12DCE in monitoring wells 01U115, 01U116, and 01U117 downgradient of the pumping well suggests that contaminant migration from the source has diminished which would indicate capture in the vicinity of these wells.

The isoconcentration maps for tetrachloroethene (Plan Sheet 30) and trichloroethene (Plan Sheet 31) do not show noticeable effects from pumping.

The groundwater quality trends (Figures 29 through 32) do show decreasing concentrations both in the pumping well and 01U108, but concentrations in monitoring well 01U108 continue to remain higher. Figure 32 shows that since August 1988 (approximately the inception of pumping at 01U350), the contaminant concentrations at 01U108 have decreased from the 700-1,000 ug/l range to the 10-150 ug/l range. If contamination near 01U108 was escaping capture, it would have been expected to see contaminant concentrations at downgradient wells 01U117 or 01U126 increase to near the 700-1,000 ug/l range; however, contaminant concentrations at these two wells have remained less than 100 ug/l with no obvious upward trend. Furthermore, the monitoring wells at Site A are screened near the base of Unit 1 at the contact with the Unit 2 till. Hence, no contamination would be expected to migrate at depth beneath the monitoring wells.

In summary, the water level contours suggest, and declining VOC concentrations support the statement that the recovery well at Site A is effectively capturing contamination near the source area of disposal pits 2 and 5. However, the present capture zone does not extend to the north TCAAP boundary or beyond. Hence, contamination which is already beyond the capture zone will continue to migrate away from TCAAP. Furthermore, it does not appear that pumping at 01U350 is causing contaminant concentrations at 01U102 to decrease. Contamination in the vicinity of 01U102 may represent a separate source area related to disposal pits 6 through 8.

E. Plans for Additional Investigative Work

The On-TCAAP RI report recommends additional investigation work at Site A (Argonne National Laboratory, 1990). Additional soil borings were recommended to better characterize contamination detected during the remedial investigation (Argonne National Laboratory, 1990). Soil sampling in previous disposal areas was recommended to define metals contamination (Argonne National Laboratory, 1990). Surface water runoff sampling was also recommended to determine the extent of off-site migration by surface runoff (Argonne National Laboratory, 1990). No additional groundwater investigation besides quarterly sampling of selected Site A wells was recommended (Argonne National Laboratory, 1990).

In response to VOC detections at off-post wells 01U901 and 01U902, FCC and the Army have conducted groundwater sampling of private wells in the residential area of Shoreview north of Site A. On January 22 and 25, 1991, 10 private wells in the Edgetown Acres subdivision of Shoreview were sampled for halogenated VOCs (Category 1). The locations of the private wells which were sampled are shown on Plan Sheet 29.

A consultant has been contracted to perform a Feasibility Study (FS) which will be used to design an Interim Remedial Measure (IRM) to prevent off-post migration of volatile



organic compounds. The FS will include an assessment of groundwater extraction/containment and treatment options for contaminated groundwater at Site A. Five additional monitoring wells will be installed to provide additional data.

#### F. Recommendations

Based upon the evaluation of Site A and the Interim Remedial Action system, the following recommendations are presented for consideration.

##### 1. Well Installation

In order to better define the contamination which may be migrating west from well 01U102, it is recommended to install a well between 01U102 and 01U135. Based on the direction of groundwater flow, contamination present in well 01U135 may have migrated from a potential source area near well 01U102. This proposed well would also provide a valuable water level data point which would aid in refining the groundwater flow direction in that area.

##### 2. Well Abandonment/Upgrade

It is recommended that well 03L529 be abandoned using procedures in accordance with Minnesota Rules Ch. 4725, the Minnesota Water Well Construction Code. Well 03L529 is located south of Site A as shown on Plan Sheet 29. The well, sometimes referred to as the "nursery well", was a production well of a nursery which leased property from TCAAP. It currently consists of a one-foot riser pipe with a locking cap.

The well is located in an area which does not presently have contamination in the lower Unit 3 aquifer. Because of its unknown construction, and the fact that water quality data would be of limited use, no sampling of this well has been done since at least Quarter 16. Hence, it is recommended that this well be properly abandoned.

### 3. Groundwater Pumping Modifications

The current pumping rate at 01U350 varies from 2-4 gallons per minute although the pump is rated to produce 10 gpm. The low pumping rate has been attributed to fouling of the pump and filters by iron bacteria. It is recommended to attempt to reduce the amount of fouling by "shocking" the well with sulfamic acid during the biannual pump cleaning and screen jetting maintenance.

The last water level reading in FY 90 shows approximately 12 feet of water in the recovery well and at least 8 feet of water above the pump. This information indicates that additional drawdown could be achieved by pumping at a greater rate. Assuming that the fouling problem can be minimized, it is recommended to increase the pumping rate at 01U350 to achieve maximum drawdown.

It appears the pump capacity, the well diameter, and the amount of saturated thickness at pumping well 01U350 can sustain greater than 2-4 gpm if the frequent fouling of the pump and filters can be minimized.

### 4. Additional Remedial Action

Based on the extent of contamination shown in Plan Sheets 30 through 32 and the low value of conductivity for Unit 1, greater pumping rates from well 01U350 alone may not create the capture zone required to eliminate the migration of contaminants off-TCAAP. The Site A Interim Response Action Technical Plan does not discuss the expected capture zone but it is doubtful that a single well operating at 3 gpm would achieve capture to the TCAAP boundary, approximately 500 feet away (Connell, April 1989).

Consideration should be given to additional recovery well locations and/or alternative remedial actions if complete capture of all contamination is required or desired. A possible location of an additional pumping well would be near 01U102 which represents

a potential source area from which contamination appears to be migrating west. A pumping well or wells located along County Road I to act as a boundary control system should also be considered.

## **X. CONCLUSIONS AND RECOMMENDATIONS**

### **A. Conclusions**

Based upon the results of monitoring performed at TCAAP, the following conclusions are offered:

1. Groundwater in upper Unit 3, lower Unit 3, and upper Unit 4 generally flows to the southwest both beneath TCAAP and off-post. Local variations are evident, particularly in areas affected by pumping wells. Off-post, both the New Brighton and St. Anthony municipal well fields appear to influence groundwater flow directions, especially in upper Unit 4.
2. As expected, VOCs remain undetected at background monitoring locations near the eastern property boundary of TCAAP.
3. Sites D, G, and I appear to represent the most significant sources of VOC contamination at TCAAP. The plumes from Sites D and G merge on-post and continue off-post as a single plume. On-post there is a clear separation between this plume and the plume emanating from Site I. VOC concentrations are generally lower in the Site I plume than in the plume from Sites D and G.
4. Off-post, VOC contamination in upper and lower Unit 3 extends south near Interstate 694. VOC contamination in upper Unit 4 extends even further south, with contamination possibly extending beyond County Road C. Pumping at the New Brighton and St. Anthony municipal well fields has clearly influenced the migration of contaminants.
5. Trichloroethene and 1,1,1-trichloroethane remain the principal VOC contaminants on a concentration basis.

6. No vinyl chloride was detected at any monitoring locations during FY 90.
7. Monitoring of wells near the gravel pit indicated that VOC concentrations were generally lower than the concentrations reported in October 1989, suggesting that the gravel pit is not a significant source of contamination. The only increase observed was at well 03U706 where trichloroethene increased from 2.40 ug/l in October 1989 to 4.20 ug/l in May 1990.
8. Overall, VOC concentrations remained relatively consistent from 1989 to 1990 both on- and off-post. The isoconcentration contour maps do not indicate any appreciable increases, nor decreases in the areas impacted.
9. While it is possible that VOC contamination has migrated from TCAAP beyond County C to the south, the data indicates the possibility that a separate source is contributing to the higher VOC concentrations reported at 200812 (Gross Golf Course), 234546 (Honeywell), and 233221 (Reuben Meats). The off-post isoconcentration maps indicate that the 100 ug/l contours for trichloroethene and 10 ug/l contours for 1,1,1-trichloroethane are separated by approximately 3 miles.
10. Surface water monitoring in FY 90 indicated sporadic exceedances of various surface water criteria, but no consistent detections were apparent.
11. Groundwater flow in Unit 1 at Site A is generally to the northwest, particularly north of Building 308. Further south and west the groundwater flow direction appears to be more westward.
12. VOC concentrations appear to be decreasing in the vicinity of the recovery well at Site A and further downgradient near 01U115 and 01U116. However, VOC contamination continues to be detected off-post at wells 01U901 and 01U902.

13. The recovery well at Site A appears to be effectively capturing VOC contamination in the immediate vicinity of the well, but the capture zone does not extend to the TCAAP boundary or beyond. Hence, contamination which was already beyond the capture zone when the IRA was implemented, will continue to move downgradient.
14. VOC concentrations at 01U102 suggest the presence of a separate source area south of Building 308 at Site A. The existing recovery well does not appear to be decreasing VOC concentrations in this area.

B. Recommendations

1. The FFA should be revised to require reporting of water level measurements to tenths of a foot (0.1) rather than hundredths of a foot (0.01). The present IRDMS is only capable of reporting groundwater elevations to tenths of a foot -- to change would be difficult. Furthermore, groundwater conditions are such at TCAAP that accuracy to hundredths of a foot is not required to assess groundwater flow directions.
2. FCC and Alliant Techsystems, Inc. should attempt to coordinate future monitoring events such that the work performed for both parties is completed during the same time period. Past monitoring has often been separated by as much as several weeks between the two parties.
3. FCC and Alliant Techsystems, Inc. should attempt to utilize the same reference elevations for determination of groundwater elevations to ensure consistency between data.
4. Well 03L523 near the gravel pit should be modified to improve the integrity of the well. Presently, the well consists of a riser extending approximately 2 feet above grade covered by a 55-gallon drum. Furthermore, the groundwater elevation data

for this well was inconsistent with surrounding data suggesting that the reference elevation is incorrect. It is recommended that the reference elevation be re-surveyed at this well.

5. It is recommended to install a new monitoring well at Site A to investigate groundwater conditions west of 01U102. Available information suggests that contamination from a source area near 01U102 may be migrating westward.
6. It is recommended to abandon well 03L529 at Site A. This well is not utilized for monitoring and represents a potential pathway for contamination of lower aquifers.
7. It is recommended to investigate new means of minimizing fouling of the pump and filters at Site A in order to permit an increased pumping rate. The pumping rate should be increased to maximize drawdown in order to enhance the capture zone.
8. It is recommended that additional recovery well locations or alternative remedial actions at Site A be considered to capture contamination near the TCAAP boundary and/or contamination near 01U102.

## XI. FISCAL YEAR 1992 ANNUAL MONITORING PLAN

### A. Fiscal Year 1992 Groundwater Quality Monitoring Plan

The Fiscal Year 1992 Groundwater Quality Monitoring Plan is included as Table 11. This plan is the same as the groundwater quality plan approved for 1990 with the following exceptions:

- (1) sampling at PJ#003 designated as a one-time sample for FY 91 has been deleted;
- (2) Site A wells 01U105, 01U106, and 01U119 will be sampled in place of 01U107 and 01U118 for Quarter 34 to provide a check on water quality. The three wells inserted were last sampled in 1987. It is intended that the FY 1993 Monitoring Plan will revert back to wells 01U107 and 01U118 unless the analytical results dictate otherwise;
- (3) Off-post upper Unit 3 well 409598 has been added for Quarter 34 to assist in plume delineation; and
- (4) Wells 03U673, 03U806, and 04U673 will be sampled three times rather than one during FY 92 to provide additional data near the southwest boundary. It is intended that the FY 93 Monitoring Plan will revert back to one sampling event per year for these wells unless the analytical results dictate otherwise.

Plan Sheets 2 and 3 illustrate the locations of all wells considered for groundwater quality monitoring. Table 12 presents the monitoring plan for IRA systems at TCAAP.

### B. Fiscal Year 1992 Groundwater Level Monitoring Plan

The groundwater level plan for Fiscal Year 1992 has not changed from the FY 91 plan. Plan Sheets 2 and 3 show the locations of all wells considered for groundwater level



measurements. The Fiscal Year 1992 Groundwater Level Monitoring Plan is included as Table 13.

C. Fiscal Year 1992 Surface Water Monitoring Plan

The surface water monitoring plan actually consists of the National Pollutant Discharge Elimination System (NPDES) sampling. The surface water sampling locations are shown in Figure 33 while the NPDES Monitoring Plan is included as Table 14. The TCAAP NPDES permit expires in July of 1991. When the permit is renewed, if any changes to the monitoring program are incorporated, a revised NPDES Monitoring Plan for FY 92 will be submitted to USEPA and MPCA.

## XII. REFERENCES

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**TABLES**

## **TABLE 1**

### **TCAAP 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 USATHAMA IRDMS.
2. Qtr = Quarter. Under this heading, F = FCC and A = Alliant Techsystems, Inc.

7/26/91

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01L811	908.0	14-Dec-87	16 F	894.8	01U004	951.0	14-Dec-87	16 F	940.7
01L811	908.0	27-Jan-88	17 F	894.2	01U004	951.0	27-Jan-88	17 F	939.2
01L811	908.0	30-Aug-88	19 F	893.5	01U004	951.0	14-Apr-88	18 F	941.8
01L811	908.0	22-Nov-88	20 F	893.1	01U004	951.0	30-Aug-88	19 F	940.1
01L811	908.0	06-Aug-89	23 F	893.7	01U004	951.0	22-Nov-88	20 F	940.7
01L811	908.0	03-Nov-89	24 F	893.2	01U004	951.0	27-Apr-89	22 F	937.9
01L811	908.0	05-May-90	26 F	893.7	01U004	951.0	05-Aug-89	23 F	942.2
					01U004	951.0	03-Nov-89	24 F	938.7
01L813	817.7	14-Dec-87	16 F	815.4	01U011	899.9	14-Dec-87	16 F	892.0
01L813	817.7	27-Jan-88	17 F	815.1	01U011	899.9	26-Jan-88	17 F	891.1
01L813	817.7	13-Apr-88	18 F	815.7	01U011	899.9	13-Apr-88	18 F	892.0
01L813	817.7	30-Aug-88	19 F	813.6	01U011	899.9	30-Aug-88	19 F	890.2
01L813	817.7	22-Nov-88	20 F	814.5	01U011	899.9	22-Nov-88	20 F	890.1
01L813	817.7	06-Aug-89	23 F	811.9	01U011	899.9	05-Aug-89	23 F	890.5
01L813	817.7	03-Nov-89	24 F	814.3	01U011	899.9	04-Nov-89	24 F	889.7
01L813	817.7	03-May-90	26 F	814.4	01U011	899.9	27-Apr-90	26 F	889.4
01L816	900.9	14-Dec-87	16 F	869.8	01U012	880.3	14-Dec-87	16 F	875.2
01L816	900.9	27-Jan-88	17 F	869.8	01U012	880.3	27-Jan-88	17 F	875.0
01L816	900.9	13-Apr-88	18 F	870.0	01U012	880.3	13-Apr-88	18 F	875.4
01L816	900.9	30-Aug-88	19 F	869.0	01U012	880.3	30-Aug-88	19 F	874.5
01L816	900.9	03-Nov-89	24 F	867.2	01U012	880.3	22-Nov-88	20 F	874.8
01L816	900.9	03-May-90	26 F	869.2	01U012	880.3	05-Aug-89	23 F	875.0
					01U012	880.3	02-Nov-89	24 F	874.6
					01U012	880.3	27-Apr-90	26 F	875.6
01L821	877.4	14-Dec-87	16 F	871.7	01U022	897.7	14-Dec-87	16 F	894.3
01L821	877.4	26-Jan-88	17 F	871.4	01U022	897.7	27-Jan-88	17 F	893.2
01L821	877.4	13-Apr-88	18 F	872.0	01U022	897.7	13-Apr-88	18 F	895.2
01L821	877.4	30-Aug-88	19 F	870.3	01U022	897.7	30-Aug-88	19 F	891.4
01L821	877.4	22-Nov-88	20 F	868.4	01U022	897.7	22-Nov-88	20 F	892.2
01L821	877.4	03-Nov-89	24 F	870.7	01U022	897.7	24-Apr-89	22 F	892.8
01L821	877.4	03-May-90	26 F	870.4	01U022	897.7	05-Aug-89	23 F	890.8
					01U022	897.7	02-Nov-89	24 F	891.0
01L822	875.9	14-Dec-87	16 F	867.9	01U022	897.7	23-Jan-90	25 F	891.1
01L822	875.9	26-Jan-88	17 F	867.5	01U022	897.7	20-Feb-90	25 F	891.0
01L822	875.9	13-Apr-88	18 F	868.2	01U022	897.7	20-Mar-90	25 F	893.6
01L822	875.9	30-Aug-88	19 F	866.5	01U022	897.7	16-Apr-90	26 F	893.9
01L822	875.9	22-Nov-88	20 F	867.7	01U022	897.7	22-May-90	26 F	895.3
01L822	875.9	03-Nov-89	24 F	867.0	01U022	897.7	19-Jun-90	26 F	896.1
01L822	875.9	03-May-90	26 F	865.7	01U022	897.7	17-Jul-90	27 F	893.5
					01U022	897.7	21-Aug-90	27 F	893.6
01L823	880.4	14-Dec-87	16 F	872.4	01U022	897.7	18-Sep-90	28 F	895.1
01L823	880.4	26-Jan-88	17 F	871.9	01U033	887.5	14-Dec-87	16 F	885.3
01L823	880.4	13-Apr-88	18 F	872.3	01U033	887.5	26-Jan-88	17 F	885.7
01L823	880.4	30-Aug-88	19 F	871.4	01U033	887.5	13-Apr-88	18 F	885.4
01L823	880.4	22-Nov-88	20 F	871.4	01U033	887.5	30-Aug-88	19 F	883.4
01L823	880.4	03-Nov-89	24 F	871.1	01U033	887.5	22-Nov-88	20 F	884.8
01L823	880.4	03-May-90	26 F	869.9	01U033	887.5	05-Aug-89	23 F	884.2
					01U033	887.5	02-Nov-89	24 F	884.1
01U003	943.0	14-Dec-87	16 F	933.8	01U033	887.5	27-Apr-90	26 F	885.9
01U003	943.0	26-Jan-88	17 F	933.7					
01U003	943.0	14-Apr-88	18 F	935.9					
01U003	943.0	27-Apr-89	22 F	930.2					
01U003	943.0	05-Aug-89	23 F	930.8					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U034	900.5	14-Dec-87	16 F	896.2	01U037	898.7	19-Jun-90	26 F	895.0
01U034	900.5	26-Jan-88	17 F	894.7	01U037	898.7	17-Jul-90	27 F	892.1
01U034	900.5	30-Aug-88	19 F	894.3	01U037	898.7	21-Aug-90	27 F	892.1
01U034	900.5	22-Nov-88	20 F	894.2	01U037	898.7	18-Sep-90	28 F	892.9
01U034	900.5	05-Aug-89	23 F	894.2					
01U034	900.5	02-Nov-89	24 F	893.0	01U038	900.3	14-Dec-87	16 F	891.7
01U034	900.5	27-Apr-90	26 F	893.4	01U038	900.3	26-Jan-88	17 F	891.3
					01U038	900.3	13-Apr-88	18 F	891.6
01U035	899.5	14-Dec-87	16 F	895.3	01U038	900.3	30-Aug-88	19 F	890.0
01U035	899.5	26-Jan-88	17 F	894.1	01U038	900.3	22-Nov-88	20 F	889.3
01U035	899.5	13-Apr-88	18 F	894.5	01U038	900.3	24-Apr-89	22 F	888.2
01U035	899.5	30-Aug-88	19 F	893.3	01U038	900.3	05-Aug-89	23 F	889.7
01U035	899.5	22-Nov-88	20 F	892.8	01U038	900.3	02-Nov-89	24 F	888.8
01U035	899.5	05-Aug-89	23 F	893.1	01U038	900.3	23-Jan-90	25 F	888.2
01U035	899.5	02-Nov-89	24 F	892.1	01U038	900.3	20-Feb-90	25 F	887.9
01U035	899.5	27-Apr-90	26 F	892.5	01U038	900.3	20-Mar-90	25 F	888.5
					01U038	900.3	16-Apr-90	26 F	888.4
01U036	901.0	14-Dec-87	16 F	895.0	01U038	900.3	22-May-90	26 F	889.0
01U036	901.0	26-Jan-88	17 F	893.9	01U038	900.3	19-Jun-90	26 F	890.3
01U036	901.0	13-Apr-88	18 F	894.0	01U038	900.3	17-Jul-90	27 F	891.0
01U036	901.0	30-Aug-88	19 F	892.8	01U038	900.3	21-Aug-90	27 F	891.1
01U036	901.0	22-Nov-88	20 F	892.3	01U038	900.3	18-Sep-90	28 F	891.9
01U036	901.0	24-Apr-89	22 F	891.3					
01U036	901.0	05-Aug-89	23 F	892.7	01U039	897.5	14-Dec-87	16 F	884.0
01U036	901.0	02-Nov-89	24 F	891.6	01U039	897.5	30-Aug-88	19 F	882.4
01U036	901.0	23-Jan-90	25 F	890.8	01U039	897.5	22-Nov-88	20 F	881.9
01U036	901.0	20-Feb-90	25 F	890.5	01U039	897.5	24-Apr-89	22 F	879.6
01U036	901.0	20-Mar-90	25 F	891.0	01U039	897.5	05-Aug-89	23 F	882.8
01U036	901.0	16-Apr-90	26 F	891.2	01U039	897.5	02-Nov-89	24 F	882.0
01U036	901.0	22-May-90	26 F	892.9	01U039	897.5	23-Jan-90	25 F	881.4
01U036	901.0	19-Jun-90	26 F	895.2	01U039	897.5	20-Feb-90	25 F	881.2
01U036	901.0	17-Jul-90	27 F	894.8	01U039	897.5	20-Mar-90	25 F	881.1
01U036	901.0	21-Aug-90	27 F	894.8	01U039	897.5	16-Apr-90	26 F	881.1
01U036	901.0	18-Sep-90	28 F	895.5	01U039	897.5	22-May-90	26 F	881.4
					01U039	897.5	19-Jun-90	26 F	882.2
01U037	898.7	14-Dec-87	16 F	892.3	01U039	897.5	17-Jul-90	27 F	883.2
01U037	898.7	26-Jan-88	17 F	891.8	01U039	897.5	21-Aug-90	27 F	883.2
01U037	898.7	30-Aug-88	19 F	890.6	01U039	897.5	18-Sep-90	28 F	884.4
01U037	898.7	22-Nov-88	20 F	890.0					
01U037	898.7	24-Apr-89	22 F	888.7	01U040	892.9	14-Dec-87	16 F	882.9
01U037	898.7	05-Aug-89	23 F	890.4	01U040	892.9	27-Jan-88	17 F	882.1
01U037	898.7	02-Nov-89	24 F	889.5	01U040	892.9	30-Aug-88	19 F	881.2
01U037	898.7	23-Jan-90	25 F	888.7	01U040	892.9	22-Nov-88	20 F	880.5
01U037	898.7	20-Feb-90	25 F	888.5	01U040	892.9	24-Apr-89	22 F	879.1
01U037	898.7	20-Mar-90	25 F	889.0	01U040	892.9	05-Aug-89	23 F	881.7
01U037	898.7	16-Apr-90	26 F	889.1	01U040	892.9	02-Nov-89	24 F	880.7
01U037	898.7	22-May-90	26 F	889.9	01U040	892.9	23-Jan-90	25 F	879.9
					01U040	892.9	20-Feb-90	25 F	879.7

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U040	892.9	20-Mar-90	25 F	880.0	01U045	886.5	05-Aug-89	23 F	879.5
01U040	892.9	16-Apr-90	26 F	880.0	01U045	886.5	02-Nov-89	24 F	879.4
01U040	892.9	22-May-90	26 F	881.3	01U045	886.5	27-Apr-90	26 F	881.8
01U040	892.9	19-Jun-90	26 F	882.9					
01U040	892.9	17-Jul-90	27 F	883.5	01U046	881.9	14-Dec-87	16 F	879.6
01U040	892.9	21-Aug-90	27 F	883.6	01U046	881.9	26-Jan-88	17 F	879.6
01U040	892.9	18-Sep-90	28 F	884.1	01U046	881.9	13-Apr-88	18 F	879.7
					01U046	881.9	30-Aug-88	19 F	878.9
01U041	898.4	14-Dec-87	16 F	891.1	01U046	881.9	22-Nov-88	20 F	879.5
01U041	898.4	27-Jan-88	17 F	890.6	01U046	881.9	05-Aug-89	23 F	878.9
01U041	898.4	13-Apr-88	18 F	891.9	01U046	881.9	02-Nov-89	24 F	879.2
01U041	898.4	30-Aug-88	19 F	888.9	01U046	881.9	27-Apr-90	26 F	879.8
01U041	898.4	22-Nov-88	20 F	888.8					
01U041	898.4	24-Apr-89	22 F	889.6	01U047	880.0	14-Dec-87	16 F	875.3
01U041	898.4	05-Aug-89	23 F	889.8	01U047	880.0	27-Jan-88	17 F	875.0
01U041	898.4	02-Nov-89	24 F	889.1	01U047	880.0	13-Apr-88	18 F	875.9
01U041	898.4	23-Jan-90	25 F	Dry	01U047	880.0	30-Aug-88	19 F	874.3
01U041	898.4	20-Feb-90	25 F	Dry	01U047	880.0	22-Nov-88	20 F	874.8
01U041	898.4	20-Mar-90	25 F	892.0	01U047	880.0	27-Apr-89	22 F	870.0
01U041	898.4	16-Apr-90	26 F	890.7	01U047	880.0	05-Aug-89	23 F	874.7
01U041	898.4	22-May-90	26 F	892.3	01U047	880.0	02-Nov-89	24 F	874.4
01U041	898.4	19-Jun-90	26 F	892.5					
01U041	898.4	17-Jul-90	27 F	891.7	01U048	885.0	14-Dec-87	16 F	875.2
01U041	898.4	21-Aug-90	27 F	891.7	01U048	885.0	27-Jan-88	17 F	874.9
01U041	898.4	18-Sep-90	28 F	892.2	01U048	885.0	13-Apr-88	18 F	877.5
					01U048	885.0	30-Aug-88	19 F	874.7
01U043	890.8	14-Dec-87	16 F	882.8	01U048	885.0	22-Nov-88	20 F	874.9
01U043	890.8	27-Jan-88	17 F	882.2	01U048	885.0	27-Apr-89	22 F	873.3
01U043	890.8	14-Apr-88	18 F	884.1	01U048	885.0	05-Aug-89	23 F	875.3
01U043	890.8	30-Aug-88	19 F	881.0	01U048	885.0	02-Nov-89	24 F	874.8
01U043	890.8	22-Nov-88	20 F	881.6					
01U043	890.8	05-Aug-89	23 F	882.3	01U050	893.0	14-Dec-87	16 F	885.6
01U043	890.8	02-Nov-89	24 F	881.3	01U050	893.0	27-Jan-88	17 F	885.3
01U043	890.8	27-Apr-90	26 F	883.0	01U050	893.0	13-Apr-88	18 F	887.1
					01U050	893.0	30-Aug-88	19 F	885.8
01U044	892.4	14-Dec-87	16 F	878.4	01U050	893.0	22-Nov-88	20 F	887.0
01U044	892.4	27-Jan-88	17 F	878.0	01U050	893.0	05-Aug-89	23 F	888.9
01U044	892.4	13-Apr-88	18 F	878.2	01U050	893.0	02-Nov-89	24 F	886.5
01U044	892.4	30-Aug-88	19 F	880.7	01U050	893.0	27-Apr-90	26 F	886.2
01U044	892.4	22-Nov-88	20 F	877.3					
01U044	892.4	05-Aug-89	23 F	877.5	01U051	901.4	14-Dec-87	16 F	889.2
01U044	892.4	02-Nov-89	24 F	877.6	01U051	901.4	27-Jan-88	17 F	888.8
01U044	892.4	27-Apr-90	26 F	877.1	01U051	901.4	13-Apr-88	18 F	889.0
					01U051	901.4	30-Aug-88	19 F	888.9
01U045	886.5	14-Dec-87	16 F	880.3	01U051	901.4	22-Nov-88	20 F	889.2
01U045	886.5	26-Jan-88	17 F	880.3	01U051	901.4	05-Aug-89	23 F	889.6
01U045	886.5	13-Apr-88	18 F	881.3	01U051	901.4	02-Nov-89	24 F	888.7
01U045	886.5	30-Aug-88	19 F	879.4	01U051	901.4	27-Apr-90	26 F	888.0
01U045	886.5	22-Nov-88	20 F	880.0					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U052	887.0	14-Dec-87	16 F	876.2	01U063	892.8	27-Jan-88	17 F	880.7
01U052	887.0	27-Jan-88	17 F	876.0	01U063	892.8	13-Apr-88	18 F	882.5
01U052	887.0	13-Apr-88	18 F	877.1	01U063	892.8	30-Aug-88	19 F	879.9
01U052	887.0	30-Aug-88	19 F	875.7	01U063	892.8	22-Nov-88	20 F	879.3
01U052	887.0	22-Nov-88	20 F	876.0	01U063	892.8	06-Aug-89	23 F	880.7
01U052	887.0	27-Apr-89	22 F	874.6	01U063	892.8	02-Nov-89	24 F	879.6
01U052	887.0	03-Aug-89	23 F	876.8	01U063	892.8	27-Apr-90	26 F	880.0
01U052	887.0	02-Nov-89	24 F	875.8					
					01U064	961.0	14-Dec-87	16 F	946.8
01U053	915.0	14-Dec-87	16 F	906.9	01U064	961.0	27-Jan-88	17 F	946.6
01U053	915.0	27-Jan-88	17 F	905.8	01U064	961.0	14-Apr-88	18 F	946.6
01U053	915.0	13-Apr-88	18 F	907.0	01U064	961.0	30-Aug-88	19 F	946.4
01U053	915.0	30-Aug-88	19 F	906.6	01U064	961.0	22-Nov-88	20 F	946.1
01U053	915.0	22-Nov-88	20 F	906.9	01U064	961.0	12-May-89	22 F	943.9
01U053	915.0	04-Aug-89	23 F	906.9	01U064	961.0	06-Aug-89	23 F	945.9
01U053	915.0	02-Nov-89	24 F	906.4	01U064	961.0	02-Nov-89	24 F	945.2
01U053	915.0	27-Apr-90	26 F	907.5					
					01U065	884.0	14-Dec-87	16 F	874.9
01U054	943.0	14-Dec-87	16 F	934.2	01U065	884.0	27-Jan-88	17 F	874.6
01U054	943.0	27-Jan-88	17 F	932.1	01U065	884.0	14-Apr-88	18 F	875.2
01U054	943.0	13-Apr-88	18 F	935.2	01U065	884.0	30-Aug-88	19 F	874.4
01U054	943.0	30-Aug-88	19 F	932.6	01U065	884.0	22-Nov-88	20 F	874.4
01U054	943.0	22-Nov-88	20 F	934.6	01U065	884.0	28-Apr-89	22 F	873.4
01U054	943.0	27-Apr-89	22 F	932.1	01U065	884.0	06-Aug-89	23 F	875.2
01U054	943.0	06-Aug-89	23 F	934.4	01U065	884.0	02-Nov-89	24 F	874.4
01U054	943.0	02-Nov-89	24 F	931.3					
01U054	943.0	27-Apr-90	26 F	935.6	01U067	897.3	14-Dec-87	16 F	892.8
					01U067	897.3	28-Jan-88	17 F	891.9
01U060	949.2	14-Dec-87	16 F	935.5	01U067	897.3	13-Apr-88	18 F	893.6
01U060	949.2	27-Jan-88	17 F	935.4	01U067	897.3	30-Aug-88	19 F	890.2
01U060	949.2	13-Apr-88	18 F	935.8	01U067	897.3	22-Nov-88	20 F	889.5
01U060	949.2	30-Aug-88	19 F	934.7	01U067	897.3	24-Apr-89	22 F	889.4
01U060	949.2	22-Nov-88	20 F	934.7	01U067	897.3	05-Aug-89	23 F	890.5
01U060	949.2	06-Aug-89	23 F	935.6	01U067	897.3	02-Nov-89	24 F	889.5
01U060	949.2	02-Nov-89	24 F	934.8	01U067	897.3	23-Jan-90	25 F	888.9
01U060	949.2	26-Apr-90	26 F	935.6	01U067	897.3	20-Feb-90	25 F	888.7
					01U067	897.3	20-Mar-90	25 F	891.1
01U062	912.0	14-Dec-87	16 F	906.3	01U067	897.3	16-Apr-90	26 F	890.8
01U062	912.0	27-Jan-88	17 F	905.3	01U067	897.3	22-May-90	26 F	891.8
01U062	912.0	13-Apr-88	18 F	906.5	01U067	897.3	19-Jun-90	26 F	892.4
01U062	912.0	30-Aug-88	19 F	904.9	01U067	897.3	17-Jul-90	27 F	891.6
01U062	912.0	22-Nov-88	20 F	906.0	01U067	897.3	21-Aug-90	27 F	891.7
01U062	912.0	09-May-89	22 F	904.7	01U067	897.3	18-Sep-90	28 F	892.1
01U062	912.0	06-Aug-89	23 F	906.8					
01U062	912.0	02-Nov-89	24 F	905.1	01U072	908.7	14-Dec-87	16 F	902.3
01U062	912.0	27-Apr-90	26 F	906.5	01U072	908.7	27-Jan-88	17 F	900.7
					01U072	908.7	13-Apr-88	18 F	904.2
01U063	892.8	14-Dec-87	16 F	881.9	01U072	908.7	30-Aug-88	19 F	897.5



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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U072	908.7	22-Nov-88	20 F	897.8	01U102	905.5	13-Apr-88	18 F	888.9
01U072	908.7	05-Aug-89	23 F	899.1	01U102	905.5	30-Aug-88	19 F	888.5
01U072	908.7	02-Nov-89	24 F	896.0	01U102	905.5	22-Nov-88	20 F	887.7
01U072	908.7	03-May-90	26 F	896.5	01U102	905.5	24-Apr-89	22 F	885.2
01U085	888.7	14-Dec-87	16 F	882.4	01U102	905.5	05-Aug-89	23 F	888.2
01U085	888.7	26-Jan-88	17 F	882.9	01U102	905.5	02-Nov-89	24 F	887.4
01U085	888.7	13-Apr-88	18 F	883.4	01U102	905.5	23-Jan-90	25 F	886.7
01U085	888.7	30-Aug-88	19 F	880.2	01U102	905.5	20-Feb-90	25 F	886.5
01U085	888.7	22-Nov-88	20 F	880.6	01U102	905.5	20-Mar-90	25 F	886.6
01U085	888.7	05-Aug-89	23 F	880.7	01U102	905.5	16-Apr-90	26 F	886.5
01U085	888.7	02-Nov-89	24 F	879.7	01U102	905.5	22-May-90	26 F	886.6
01U085	888.7	18-Apr-90	26 F	881.6	01U102	905.5	19-Jun-90	26 F	887.7
01U098	955.0	14-Dec-87	16 F	937.1	01U102	905.5	17-Jul-90	27 F	888.9
01U098	955.0	26-Jan-88	17 F	936.2	01U102	905.5	21-Aug-90	27 F	889.0
01U098	955.0	13-Apr-88	18 F	941.7	01U102	905.5	18-Sep-90	28 F	890.6
01U098	955.0	30-Aug-88	19 F	935.5	01U103	904.5	14-Dec-87	16 F	890.8
01U098	955.0	22-Nov-88	20 F	933.5	01U103	904.5	26-Jan-88	17 F	890.2
01U098	955.0	05-Aug-89	23 F	938.9	01U103	904.5	13-Apr-88	18 F	890.1
01U098	955.0	02-Nov-89	24 F	934.5	01U103	904.5	30-Aug-88	19 F	889.1
01U098	955.0	26-Apr-90	26 F	941.7	01U103	904.5	22-Nov-88	20 F	887.6
01U100	905.7	14-Dec-87	16 F	899.1	01U103	904.5	24-Apr-89	22 F	885.6
01U100	905.7	27-Jan-88	17 F	898.1	01U103	904.5	05-Aug-89	23 F	888.2
01U100	905.7	13-Apr-88	18 F	901.1	01U103	904.5	02-Nov-89	24 F	887.4
01U100	905.7	27-Apr-90	26 F	899.4	01U103	904.5	23-Jan-90	25 F	886.9
01U101	907.2	14-Dec-87	16 F	898.0	01U103	904.5	20-Feb-90	25 F	886.7
01U101	907.2	27-Jan-88	17 F	897.4	01U103	904.5	20-Mar-90	25 F	887.1
01U101	907.2	13-Apr-88	18 F	899.1	01U103	904.5	16-Apr-90	26 F	886.9
01U101	907.2	30-Aug-88	19 F	893.7	01U103	904.5	22-May-90	26 F	887.2
01U101	907.2	22-Nov-88	20 F	893.5	01U103	904.5	19-Jun-90	26 F	888.5
01U101	907.2	24-Apr-89	22 F	895.0	01U103	904.5	17-Jul-90	27 F	889.7
01U101	907.2	05-Aug-89	23 F	894.2	01U103	904.5	21-Aug-90	27 F	889.7
01U101	907.2	02-Nov-89	24 F	892.5	01U103	904.5	18-Sep-90	28 F	890.8
01U101	907.2	23-Jan-90	25 F	891.8	01U104	899.6	14-Dec-87	16 F	892.8
01U101	907.2	20-Feb-90	25 F	891.4	01U104	899.6	26-Jan-88	17 F	892.2
01U101	907.2	20-Mar-90	25 F	891.6	01U104	899.6	13-Apr-88	18 F	892.9
01U101	907.2	16-Apr-90	26 F	892.5	01U104	899.6	30-Aug-88	19 F	890.5
01U101	907.2	26-Apr-90	26 F	893.7	01U104	899.6	22-Nov-88	20 F	890.0
01U101	907.2	22-May-90	26 F	896.5	01U104	899.6	24-Apr-89	22 F	888.5
01U101	907.2	19-Jun-90	26 F	900.4	01U104	899.6	05-Aug-89	23 F	890.2
01U101	907.2	17-Jul-90	27 F	898.1	01U104	899.6	02-Nov-89	24 F	889.5
01U101	907.2	21-Aug-90	26 F	898.2	01U104	899.6	23-Jan-90	25 F	889.0
01U101	907.2	18-Sep-90	28 F	900.0	01U104	899.6	20-Feb-90	25 F	887.4
01U102	905.5	14-Dec-87	16 F	890.3	01U104	899.6	20-Mar-90	25 F	889.4
01U102	905.5	26-Jan-88	17 F	889.8	01U104	899.6	16-Apr-90	26 F	891.4
					01U104	899.6	22-May-90	26 F	890.0
					01U104	899.6	19-Jun-90	26 F	891.3

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

7/26/91

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U104	899.6	17-Jul-90	27 F	891.7	01U107	899.8	23-Jan-90	25 F	887.6
01U104	899.6	21-Aug-90	27 F	891.8	01U107	899.8	20-Feb-90	25 F	887.7
01U104	899.6	18-Sep-90	28 F	892.6	01U107	899.8	20-Mar-90	25 F	887.9
01U105	901.9	14-Dec-87	16 F	894.3	01U107	899.8	16-Apr-90	26 F	887.7
01U105	901.9	26-Jan-88	17 F	893.7	01U107	899.8	26-Apr-90	26 F	887.6
01U105	901.9	13-Apr-88	18 F	893.7	01U107	899.8	22-May-90	26 F	887.9
01U105	901.9	30-Aug-88	19 F	892.1	01U107	899.8	19-Jun-90	26 F	889.1
01U105	901.9	22-Nov-88	20 F	891.6	01U107	899.8	17-Jul-90	27 F	890.3
01U105	901.9	24-Apr-89	22 F	889.7	01U107	899.8	21-Aug-90	27 F	890.4
01U105	901.9	05-Aug-89	23 F	892.0	01U107	899.8	18-Sep-90	28 F	892.1
01U105	901.9	02-Nov-89	24 F	891.1	01U108	904.3	14-Dec-87	16 F	890.4
01U105	901.9	23-Jan-90	25 F	890.5	01U108	904.3	26-Jan-88	17 F	890.0
01U105	901.9	20-Feb-90	25 F	891.6	01U108	904.3	13-Apr-88	18 F	889.7
01U105	901.9	20-Mar-90	25 F	890.8	01U108	904.3	30-Aug-88	19 F	888.8
01U105	901.9	16-Apr-90	26 F	890.9	01U108	904.3	22-Nov-88	20 F	885.9
01U105	901.9	22-May-90	26 F	891.7	01U108	904.3	24-Apr-89	22 F	885.4
01U105	901.9	19-Jun-90	26 F	893.7	01U108	904.3	05-Aug-89	23 F	886.7
01U105	901.9	17-Jul-90	27 F	893.8	01U108	904.3	02-Nov-89	24 F	886.0
01U105	901.9	21-Aug-90	27 F	893.8	01U108	904.3	23-Jan-90	25 F	885.9
01U105	901.9	18-Sep-90	28 F	894.6	01U108	904.3	20-Feb-90	25 F	885.7
01U106	897.1	14-Dec-87	16 F	890.7	01U108	904.3	20-Mar-90	25 F	885.8
01U106	897.1	26-Jan-88	17 F	889.9	01U108	904.3	16-Apr-90	26 F	885.8
01U106	897.1	13-Apr-88	18 F	889.4	01U108	904.3	22-May-90	26 F	886.3
01U106	897.1	30-Aug-88	19 F	888.9	01U108	904.3	19-Jun-90	26 F	887.5
01U106	897.1	22-Nov-88	20 F	887.9	01U108	904.3	17-Jul-90	27 F	888.9
01U106	897.1	24-Apr-89	22 F	885.9	01U108	904.3	21-Aug-90	27 F	889.0
01U106	897.1	05-Aug-89	23 F	888.4	01U108	904.3	18-Sep-90	28 F	889.8
01U106	897.1	02-Nov-89	24 F	887.6	01U109	903.4	14-Dec-87	16 F	894.2
01U106	897.1	23-Jan-90	25 F	886.9	01U109	903.4	26-Jan-88	17 F	893.2
01U106	897.1	20-Feb-90	25 F	886.6	01U109	903.4	13-Apr-88	18 F	895.4
01U106	897.1	20-Mar-90	25 F	888.2	01U109	903.4	30-Aug-88	19 F	891.1
01U106	897.1	16-Apr-90	26 F	887.1	01U109	903.4	22-Nov-88	20 F	891.2
01U106	897.1	22-May-90	26 F	887.2	01U109	903.4	05-Aug-89	23 F	891.4
01U106	897.1	19-Jun-90	26 F	888.4	01U109	903.4	23-Jan-90	25 F	Dry
01U106	897.1	17-Jul-90	27 F	889.5	01U109	903.4	20-Feb-90	25 F	Dry
01U106	897.1	21-Aug-90	27 F	889.5	01U109	903.4	20-Mar-90	25 F	891.3
01U106	897.1	18-Sep-90	28 F	890.5	01U109	903.4	16-Apr-90	26 F	891.1
01U107	899.8	14-Dec-87	16 F	891.3	01U109	903.4	22-May-90	26 F	892.3
01U107	899.8	26-Jan-88	17 F	890.7	01U109	903.4	19-Jun-90	26 F	900.5
01U107	899.8	13-Apr-88	18 F	890.9	01U109	903.4	17-Jul-90	27 F	893.0
01U107	899.8	30-Aug-88	19 F	889.6	01U109	903.4	21-Aug-90	27 F	893.0
01U107	899.8	22-Nov-88	20 F	888.7	01U109	903.4	18-Sep-90	28 F	895.5
01U107	899.8	24-Apr-89	22 F	887.5	01U110	897.6	14-Dec-87	16 F	894.2
01U107	899.8	05-Aug-89	23 F	889.5	01U110	897.6	26-Jan-88	17 F	893.2
01U107	899.8	02-Nov-89	24 F	888.3	01U110	897.6	13-Apr-88	18 F	892.4

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

7/26/91

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U110	897.6	30-Aug-88	19 F	891.2	01U116	903.0	21-Aug-90	27 F	887.1
01U110	897.6	22-Nov-88	20 F	891.4	01U116	903.0	18-Sep-90	28 F	888.5
01U110	897.6	24-Apr-89	22 F	890.2					
01U110	897.6	06-Aug-89	23 F	891.5	01U117	903.2	14-Dec-87	16 F	888.9
01U110	897.6	02-Nov-89	24 F	890.4	01U117	903.2	26-Jan-88	17 F	888.8
01U110	897.6	23-Jan-90	25 F	890.0	01U117	903.2	13-Apr-88	18 F	887.7
01U110	897.6	20-Feb-90	25 F	889.8	01U117	903.2	30-Aug-88	19 F	887.3
01U110	897.6	20-Mar-90	25 F	891.0	01U117	903.2	22-Nov-88	20 F	886.7
01U110	897.6	16-Apr-90	26 F	890.8	01U117	903.2	24-Apr-89	22 F	884.7
01U110	897.6	22-May-90	26 F	892.3	01U117	903.2	05-Aug-89	23 F	887.3
01U110	897.6	19-Jun-90	26 F	887.8	01U117	903.2	02-Nov-89	24 F	886.5
01U110	897.6	17-Jul-90	27 F	893.4	01U117	903.2	23-Jan-90	25 F	885.6
01U110	897.6	21-Aug-90	27 F	893.4	01U117	903.2	20-Feb-90	25 F	885.4
01U110	897.6	18-Sep-90	28 F	893.8	01U117	903.2	20-Mar-90	25 F	885.3
					01U117	903.2	16-Apr-90	26 F	885.3
01U115	900.6	14-Dec-87	16 F	888.1	01U117	903.2	27-Apr-90	26 F	885.3
01U115	900.6	26-Jan-88	17 F	887.6	01U117	903.2	22-May-90	26 F	885.6
01U115	900.6	13-Apr-88	18 F	886.9	01U117	903.2	19-Jun-90	26 F	886.6
01U115	900.6	30-Aug-88	19 F	886.4	01U117	903.2	17-Jul-90	27 F	887.6
01U115	900.6	22-Nov-88	20 F	885.7	01U117	903.2	21-Aug-90	27 F	887.7
01U115	900.6	24-Apr-89	22 F	883.6	01U117	903.2	18-Sep-90	28 F	889.1
01U115	900.6	05-Aug-89	23 F	886.6					
01U115	900.6	02-Nov-89	24 F	885.7	01U118	902.2	14-Dec-87	16 F	889.6
01U115	900.6	23-Jan-90	25 F	884.9	01U118	902.2	27-Jan-88	17 F	889.0
01U115	900.6	20-Feb-90	25 F	884.6	01U118	902.2	13-Apr-88	18 F	887.3
01U115	900.6	20-Mar-90	25 F	884.5	01U118	902.2	30-Aug-88	19 F	887.3
01U115	900.6	16-Apr-90	26 F	884.5	01U118	902.2	22-Nov-88	20 F	887.1
01U115	900.6	22-May-90	26 F	884.7	01U118	902.2	24-Apr-89	22 F	884.6
01U115	900.6	19-Jun-90	26 F	885.7	01U118	902.2	05-Aug-89	23 F	887.8
01U115	900.6	17-Jul-90	27 F	886.7	01U118	902.2	02-Nov-89	24 F	886.9
01U115	900.6	21-Aug-90	27 F	886.8	01U118	902.2	23-Jan-90	25 F	886.1
01U115	900.6	18-Sep-90	28 F	888.2	01U118	902.2	20-Feb-90	25 F	885.9
					01U118	902.2	20-Mar-90	25 F	885.7
01U116	903.0	14-Dec-87	16 F	888.4	01U118	902.2	16-Apr-90	26 F	885.6
01U116	903.0	26-Jan-88	17 F	887.8	01U118	902.2	27-Apr-90	26 F	885.6
01U116	903.0	14-Apr-88	18 F	887.2	01U118	902.2	22-May-90	26 F	885.6
01U116	903.0	30-Aug-88	19 F	886.7	01U118	902.2	19-Jun-90	26 F	886.6
01U116	903.0	22-Nov-88	20 F	886.1	01U118	902.2	17-Jul-90	27 F	888.0
01U116	903.0	24-Apr-89	22 F	886.0	01U118	902.2	21-Aug-90	27 F	888.0
01U116	903.0	05-Aug-89	23 F	886.8	01U118	902.2	18-Sep-90	28 F	889.1
01U116	903.0	02-Nov-89	24 F	885.8					
01U116	903.0	23-Jan-90	25 F	885.2	01U119	898.5	14-Dec-87	16 F	892.3
01U116	903.0	20-Feb-90	25 F	884.9	01U119	898.5	27-Jan-88	17 F	891.7
01U116	903.0	20-Mar-90	25 F	884.8	01U119	898.5	13-Apr-88	18 F	892.3
01U116	903.0	16-Apr-90	26 F	884.8	01U119	898.5	30-Aug-88	19 F	890.1
01U116	903.0	22-May-90	26 F	885.0	01U119	898.5	22-Nov-88	20 F	889.4
01U116	903.0	19-Jun-90	26 F	886.0	01U119	898.5	24-Apr-89	22 F	888.3
01U116	903.0	17-Jul-90	27 F	887.0	01U119	898.5	05-Aug-89	23 F	889.8

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

7/26/91

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U119	898.5	02-Nov-89	24 F	888.9	01U125	901.0	23-Jan-90	25 F	885.2
01U119	898.5	23-Jan-90	25 F	888.4	01U125	901.0	20-Feb-90	25 F	884.9
01U119	898.5	20-Feb-90	25 F	888.2	01U125	901.0	20-Mar-90	25 F	884.7
01U119	898.5	20-Mar-90	25 F	888.8	01U125	901.0	16-Apr-90	26 F	884.6
01U119	898.5	16-Apr-90	26 F	888.7	01U125	901.0	01-May-90	26 F	884.5
01U119	898.5	27-Apr-90	26 F	888.7	01U125	901.0	22-May-90	26 F	884.7
01U119	898.5	22-May-90	26 F	889.3	01U125	901.0	19-Jun-90	26 F	885.8
01U119	898.5	19-Jun-90	26 F	890.8	01U125	901.0	17-Jul-90	27 F	884.9
01U119	898.5	17-Jul-90	27 F	891.2	01U125	901.0	21-Aug-90	27 F	884.9
01U119	898.5	21-Aug-90	27 F	891.3	01U125	901.0	18-Sep-90	28 F	888.5
01U119	898.5	18-Sep-90	28 F	892.2					
01U120	902.3	14-Dec-87	16 F	890.1	01U126	903.4	14-Dec-87	16 F	889.3
01U120	902.3	26-Jan-88	17 F	889.4	01U126	903.4	26-Jan-88	17 F	888.7
01U120	902.3	13-Apr-88	18 F	888.6	01U126	903.4	13-Apr-88	18 F	887.7
01U120	902.3	30-Aug-88	19 F	888.4	01U126	903.4	30-Aug-88	19 F	887.6
01U120	902.3	22-Nov-88	20 F	887.6	01U126	903.4	22-Nov-88	20 F	887.1
01U120	902.3	24-Apr-89	22 F	885.7	01U126	903.4	24-Apr-89	22 F	884.6
01U120	902.3	05-Aug-89	23 F	888.1	01U126	903.4	05-Aug-89	23 F	887.6
01U120	902.3	02-Nov-89	24 F	887.3	01U126	903.4	02-Nov-89	24 F	886.7
01U120	902.3	23-Jan-90	25 F	886.6	01U126	903.4	23-Jan-90	25 F	886.1
01U120	902.3	20-Feb-90	25 F	886.3	01U126	903.4	20-Feb-90	25 F	886.0
01U120	902.3	20-Mar-90	25 F	886.4	01U126	903.4	20-Mar-90	25 F	885.9
01U120	902.3	16-Apr-90	26 F	886.5	01U126	903.4	16-Apr-90	26 F	885.9
01U120	902.3	27-Apr-90	26 F	886.5	01U126	903.4	01-May-90	26 F	885.2
01U120	902.3	22-May-90	26 F	886.9	01U126	903.4	22-May-90	26 F	886.2
01U120	902.3	19-Jun-90	26 F	888.1	01U126	903.4	19-Jun-90	26 F	887.2
01U120	902.3	17-Jul-90	27 F	889.1	01U126	903.4	17-Jul-90	27 F	888.4
01U120	902.3	21-Aug-90	27 F	889.1	01U126	903.4	21-Aug-90	27 F	888.4
01U120	902.3	18-Sep-90	28 F	890.3	01U126	903.4	18-Sep-90	28 F	889.8
01U122	901.0	14-Dec-87	16 F	897.5	01U127	903.1	14-Dec-87	16 F	890.2
01U122	901.0	26-Jan-88	17 F	895.9	01U127	903.1	26-Jan-88	17 F	889.7
01U122	901.0	13-Apr-88	18 F	898.3	01U127	903.1	13-Apr-88	18 F	889.0
01U122	901.0	30-Aug-88	19 F	893.8	01U127	903.1	30-Aug-88	19 F	888.7
01U122	901.0	22-Nov-88	20 F	894.9	01U127	903.1	22-Nov-88	20 F	887.6
01U122	901.0	05-Aug-89	23 F	894.6	01U127	903.1	24-Apr-89	22 F	885.4
01U122	901.0	02-Nov-89	24 F	893.7	01U127	903.1	05-Aug-89	23 F	888.1
01U122	901.0	27-Apr-90	26 F	898.0	01U127	903.1	02-Nov-89	24 F	887.4
01U125	901.0	14-Dec-87	16 F	888.4	01U127	903.1	23-Jan-90	25 F	886.8
01U125	901.0	26-Jan-88	17 F	887.8	01U127	903.1	20-Feb-90	25 F	886.5
01U125	901.0	13-Apr-88	18 F	887.1	01U127	903.1	20-Mar-90	25 F	886.6
01U125	901.0	30-Aug-88	19 F	886.7	01U127	903.1	16-Apr-90	26 F	886.6
01U125	901.0	22-Nov-88	20 F	886.1	01U127	903.1	01-May-90	26 F	886.6
01U125	901.0	24-Apr-89	22 F	884.0	01U127	903.1	22-May-90	26 F	887.0
01U125	901.0	05-Aug-89	23 F	887.2	01U127	903.1	19-Jun-90	26 F	888.1
01U125	901.0	02-Nov-89	24 F	886.2	01U127	903.1	17-Jul-90	27 F	889.4
					01U127	903.1	21-Aug-90	27 F	889.5
					01U127	903.1	18-Sep-90	28 F	890.5

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TABLE I  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U128	880.9	14-Dec-87	16 F	873.2	01U350	903.7	23-Jan-90	25 F	877.7
01U128	880.9	27-Jan-88	17 F	872.7	01U350	903.7	20-Feb-90	25 F	879.1
01U128	880.9	13-Apr-88	18 F	874.0	01U350	903.7	20-Mar-90	25 F	876.8
01U128	880.9	30-Aug-88	19 F	872.3	01U350	903.7	16-Apr-90	26 F	877.6
01U128	880.9	22-Nov-88	20 F	873.0	01U350	903.7	03-May-90	26 F	877.6
01U128	880.9	03-Aug-89	23 F	873.1	01U350	903.7	22-May-90	26 F	880.5
01U128	880.9	02-Nov-89	24 F	872.5	01U350	903.7	19-Jun-90	26 F	882.6
01U130	889.1	14-Dec-87	16 F	880.7	01U350	903.7	17-Jul-90	27 F	886.0
01U130	889.1	27-Jan-88	17 F	880.4	01U350	903.7	21-Aug-90	27 F	886.1
01U130	889.1	13-Apr-88	18 F	880.9	01U350	903.7	18-Sep-90	28 F	886.1
01U130	889.1	30-Aug-88	19 F	880.8	01U524	909.8	14-Dec-87	16 F	906.8
01U130	889.1	22-Nov-88	20 F	880.9	01U524	909.8	27-Jan-88	17 F	904.9
01U130	889.1	06-Aug-89	23 F	881.5	01U524	909.8	13-Apr-88	18 F	906.8
01U130	889.1	02-Nov-89	24 F	880.6	01U524	909.8	30-Aug-88	19 F	904.8
01U133	900.8	14-Dec-87	16 F	891.2	01U524	909.8	22-Nov-88	20 F	906.0
01U133	900.8	26-Jan-88	17 F	890.8	01U524	909.8	05-Aug-89	23 F	904.7
01U133	900.8	13-Apr-88	18 F	891.0	01U524	909.8	02-Nov-89	24 F	905.1
01U133	900.8	30-Aug-88	19 F	889.5	01U524	909.8	30-Apr-90	26 F	907.7
01U133	900.8	22-Nov-88	20 F	887.7	01U525	941.0	14-Dec-87	16 F	932.4
01U133	900.8	24-Apr-89	22 F	886.7	01U525	941.0	13-Apr-88	18 F	935.4
01U133	900.8	02-Nov-89	24 F	888.4	01U525	941.0	30-Aug-88	19 F	932.7
01U133	900.8	23-Jan-90	25 F	887.7	01U525	941.0	23-Nov-88	20 F	933.0
01U133	900.8	20-Feb-90	25 F	887.5	01U525	941.0	27-Apr-89	22 F	931.2
01U133	900.8	20-Mar-90	25 F	887.8	01U525	941.0	30-Apr-90	26 F	936.4
01U133	900.8	16-Apr-90	26 F	887.8	01U526	939.0	15-Dec-87	16 F	929.8
01U133	900.8	26-Apr-90	26 F	887.9	01U526	939.0	27-Jan-88	17 F	928.9
01U133	900.8	22-May-90	26 F	888.3	01U526	939.0	13-Apr-88	18 F	930.2
01U133	900.8	19-Jun-90	26 F	889.6	01U526	939.0	30-Aug-88	19 F	929.1
01U133	900.8	17-Jul-90	27 F	890.5	01U526	939.0	23-Nov-88	20 F	929.4
01U133	900.8	21-Aug-90	27 F	890.5	01U526	939.0	09-May-89	22 F	928.7
01U133	900.8	18-Sep-90	28 F	891.4	01U526	939.0	05-Aug-89	23 F	929.8
01U135	900.0	22-Nov-88	20 F	881.2	01U526	939.0	02-Nov-89	24 F	929.0
01U135	900.0	25-Apr-89	22 F	877.4	01U526	939.0	20-Apr-90	26 F	930.0
01U135	900.0	05-Aug-89	23 F	882.1	01U527	912.1	14-Dec-87	16 F	908.9
01U135	900.0	02-Nov-89	24 F	881.3	01U527	912.1	27-Jan-88	17 F	905.8
01U135	900.0	20-Apr-90	26 F	880.5	01U527	912.1	13-Apr-88	18 F	908.2
01U136	899.0	22-Nov-88	20 F	877.9	01U527	912.1	30-Aug-88	19 F	907.9
01U136	899.0	25-Apr-89	22 F	875.9	01U527	912.1	23-Nov-88	20 F	908.9
01U136	899.0	05-Aug-89	23 F	878.5	01U527	912.1	05-Aug-89	23 F	908.3
01U136	899.0	02-Nov-89	24 F	878.0	01U527	912.1	02-Nov-89	24 F	908.2
01U136	899.0	20-Apr-90	26 F	877.9	01U527	912.1	03-May-90	26 F	909.5
01U350	903.7	22-Nov-88	20 F	879.3	01U601	889.2	15-Dec-87	16 F	883.8
01U350	903.7	24-Apr-89	22 F	878.5	01U601	889.2	27-Jan-88	17 F	883.4
01U350	903.7	05-Aug-89	23 F	880.8	01U601	889.2	14-Apr-88	18 F	884.0
01U350	903.7	02-Nov-89	24 F	878.2					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

7/26/91

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U601	889.2	30-Aug-88	19 F	883.7	01U607	888.6	15-Dec-87	16 F	884.3
01U601	889.2	06-Dec-88	20 A	883.8	01U607	888.6	14-Apr-88	18 F	885.2
01U601	889.2	29-Mar-89	21 A	884.1	01U607	888.6	30-Aug-88	19 F	884.6
01U601	889.2	07-Jun-89	22 A	883.9	01U607	888.6	22-Nov-88	20 F	885.5
01U601	889.2	04-Aug-89	23 F	883.9	01U607	888.6	06-Dec-88	20 A	885.2
01U601	889.2	08-Sep-89	23 A	883.9	01U607	888.6	29-Mar-89	21 A	887.0
01U601	889.2	03-Nov-89	24 F	883.5	01U607	888.6	07-Jun-89	22 A	884.7
01U601	889.2	03-Jan-90	25 A	882.9	01U607	888.6	04-Aug-89	23 F	885.8
01U601	889.2	07-May-90	26 A	883.7	01U607	888.6	08-Sep-89	23 A	885.9
01U601	889.2	03-Jul-90	27 A	884.2	01U607	888.6	03-Nov-89	24 F	883.5
					01U607	888.6	03-Jan-90	25 A	882.3
01U602	890.0	04-Aug-89	23 F	879.8	01U607	888.6	07-May-90	26 A	885.3
					01U607	888.6	03-Jul-90	27 A	885.3
01U603	885.0	15-Dec-87	16 F	876.8	01U609	889.9	15-Dec-87	16 F	882.9
01U603	885.0	27-Jan-88	17 F	875.9	01U609	889.9	27-Jan-88	17 F	882.7
01U603	885.0	14-Apr-88	18 F	875.1	01U609	889.9	14-Apr-88	18 F	883.1
01U603	885.0	30-Aug-88	19 F	875.3	01U609	889.9	30-Aug-88	19 F	883.0
01U603	885.0	06-Dec-88	20 A	876.1	01U609	889.9	22-Nov-88	20 F	883.0
01U603	885.0	29-Mar-89	21 A	875.9	01U609	889.9	06-Dec-88	20 A	883.0
01U603	885.0	07-Jun-89	22 A	877.4	01U609	889.9	29-Mar-89	21 A	882.7
01U603	885.0	04-Aug-89	23 F	876.9	01U609	889.9	07-Jun-89	22 A	883.2
01U603	885.0	08-Sep-89	23 A	878.2	01U609	889.9	04-Aug-89	23 F	879.6
01U603	885.0	03-Nov-89	24 F	875.9	01U609	889.9	08-Sep-89	23 A	883.2
01U603	885.0	03-Jan-90	25 A	876.4	01U609	889.9	03-Nov-89	24 F	878.6
01U603	885.0	07-May-90	26 A	877.6	01U609	889.9	03-Jan-90	25 A	882.4
01U603	885.0	03-Jul-90	27 A	878.6	01U609	889.9	03-Jul-90	27 A	883.4
					01U611	889.7	14-Apr-88	18 F	883.4
01U604	885.6	15-Dec-87	16 F	877.6	01U611	889.7	30-Aug-88	19 F	883.3
01U604	885.6	27-Jan-88	17 F	875.8	01U611	889.7	22-Nov-88	20 F	883.4
01U604	885.6	14-Apr-88	18 F	875.1	01U611	889.7	06-Dec-88	20 A	883.4
01U604	885.6	30-Aug-88	19 F	875.4	01U611	889.7	29-Mar-89	21 A	882.5
01U604	885.6	06-Dec-88	20 A	875.2	01U611	889.7	04-Aug-89	23 F	879.3
01U604	885.6	29-Mar-89	21 A	874.5	01U611	889.7	03-Nov-89	24 F	878.8
01U604	885.6	07-Jun-89	22 A	876.1	01U611	889.7	03-Jan-90	25 A	889.4
01U604	885.6	04-Aug-89	23 F	876.8	01U611	889.7	07-May-90	26 A	883.3
01U604	885.6	08-Sep-89	23 A	877.1	01U611	889.7	03-Jul-90	27 A	883.9
01U604	885.6	03-Nov-89	24 F	877.3					
01U604	885.6	03-Jan-90	25 A	876.2	01U612	885.9	15-Dec-87	16 F	878.0
01U604	885.6	07-May-90	26 A	876.4	01U612	885.9	27-Jan-88	17 F	877.0
01U604	885.6	03-Jul-90	27 A	877.3	01U612	885.9	14-Apr-88	18 F	876.8
					01U612	885.9	30-Aug-88	19 F	876.5
01U605	885.0	15-Dec-87	16 F	876.2	01U612	885.9	22-Nov-88	20 F	876.5
01U605	885.0	14-Apr-88	18 F	876.7	01U612	885.9	06-Dec-88	20 A	877.0
01U605	885.0	30-Aug-88	19 F	876.3	01U612	885.9	29-Mar-89	21 A	Dry
01U605	885.0	06-Dec-88	20 A	876.0	01U612	885.9	04-Aug-89	23 F	877.1
01U605	885.0	29-Mar-89	21 A	Dry	01U612	885.9	08-Sep-89	23 A	877.3
01U605	885.0	07-Jun-89	22 A	877.5	01U612	885.9	03-Jan-90	25 A	Dry
01U605	885.0	04-Aug-89	23 F	877.3	01U612	885.9	07-May-90	26 A	877.3
01U605	885.0	08-Sep-89	23 A	877.0	01U612	885.9	03-Jul-90	27 A	877.7
01U605	885.0	03-Nov-89	24 F	876.0					
01U605	885.0	03-Jan-90	25 A	Dry					
01U605	885.0	07-May-90	26 A	876.5					
01U605	885.0	03-Jul-90	27 A	878.6					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

7/26/91

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U613	888.8	15-Dec-87	16 F	883.5	01U617	885.2	29-Mar-89	21 A	874.7
01U613	888.8	27-Jan-88	17 F	883.7	01U617	885.2	07-Jun-89	22 A	876.0
01U613	888.8	14-Apr-88	18 F	883.8	01U617	885.2	04-Aug-89	23 F	876.5
01U613	888.8	30-Aug-88	19 F	884.0	01U617	885.2	08-Sep-89	23 A	877.1
01U613	888.8	22-Nov-88	20 F	884.3	01U617	885.2	03-Nov-89	24 F	875.9
01U613	888.8	29-Mar-89	21 A	885.3	01U617	885.2	03-Jan-90	25 A	875.2
01U613	888.8	04-Aug-89	23 F	884.6	01U617	885.2	07-May-90	26 A	875.6
01U613	888.8	08-Sep-89	23 A	884.5	01U617	885.2	03-Jul-90	27 A	877.2
01U613	888.8	03-Nov-89	24 F	882.8					
01U613	888.8	03-Jan-90	25 A	881.8	01U618	888.8	15-Dec-87	16 F	878.8
01U613	888.8	07-May-90	26 A	883.7	01U618	888.8	27-Jan-88	17 F	877.6
01U613	888.8	03-Jul-90	27 A	884.2	01U618	888.8	14-Apr-88	18 F	877.2
					01U618	888.8	30-Aug-88	19 F	877.9
01U615	889.5	15-Dec-87	16 F	881.4	01U618	888.8	22-Nov-88	20 F	877.3
01U615	889.5	27-Jan-88	17 F	878.3	01U618	888.8	06-Dec-88	20 A	877.3
01U615	889.5	14-Apr-88	18 F	878.0	01U618	888.8	29-Mar-89	21 A	877.1
01U615	889.5	30-Aug-88	19 F	878.3	01U618	888.8	07-Jun-89	22 A	878.6
01U615	889.5	22-Nov-88	20 F	878.2	01U618	888.8	04-Aug-89	23 F	879.2
01U615	889.5	06-Dec-88	20 A	874.5	01U618	888.8	08-Sep-89	23 A	879.7
01U615	889.5	29-Mar-89	21 A	874.3	01U618	888.8	03-Nov-89	24 F	877.9
01U615	889.5	07-Jun-89	22 A	875.0	01U618	888.8	03-Jan-90	25 A	877.1
01U615	889.5	04-Aug-89	23 F	879.5	01U618	888.8	07-May-90	26 A	877.4
01U615	889.5	08-Sep-89	23 A	876.6	01U618	888.8	03-Jul-90	27 A	879.4
01U615	889.5	03-Nov-89	24 F	879.1					
01U615	889.5	03-Jan-90	25 A	874.6	01U619	888.2	15-Dec-87	16 F	881.1
01U615	889.5	07-May-90	26 A	874.8	01U619	888.2	27-Jan-88	17 F	880.8
01U615	889.5	03-Jul-90	27 A	876.2	01U619	888.2	14-Apr-88	18 F	881.4
					01U619	888.2	30-Aug-88	19 F	881.7
01U616	888.5	15-Dec-87	16 F	880.2	01U619	888.2	23-Nov-88	20 F	881.5
01U616	888.5	27-Jan-88	17 F	879.3	01U619	888.2	06-Dec-88	20 A	881.5
01U616	888.5	14-Apr-88	18 F	878.5	01U619	888.2	29-Mar-89	21 A	881.5
01U616	888.5	30-Aug-88	19 F	879.2	01U619	888.2	07-Jun-89	22 A	882.2
01U616	888.5	22-Nov-88	20 F	878.6	01U619	888.2	04-Aug-89	23 F	881.8
01U616	888.5	06-Dec-88	20 A	878.7	01U619	888.2	08-Sep-89	23 A	882.1
01U616	888.5	29-Mar-89	21 A	876.7	01U619	888.2	03-Nov-89	24 F	881.1
01U616	888.5	07-Jun-89	22 A	878.2	01U619	888.2	03-Jan-90	25 A	880.4
01U616	888.5	04-Aug-89	23 F	880.4	01U619	888.2	07-May-90	26 A	881.1
01U616	888.5	08-Sep-89	23 A	879.2	01U619	888.2	03-Jul-90	27 A	882.3
01U616	888.5	03-Nov-89	24 F	879.3					
01U616	888.5	03-Jan-90	25 A	878.6	01U620	887.3	15-Dec-87	16 F	878.3
01U616	888.5	07-May-90	26 A	878.8	01U620	887.3	27-Jan-88	17 F	876.4
01U616	888.5	03-Jul-90	27 A	880.5	01U620	887.3	14-Apr-88	18 F	876.0
					01U620	887.3	30-Aug-88	19 F	876.6
01U617	885.2	15-Dec-87	16 F	877.5	01U620	887.3	06-Dec-88	20 A	876.2
01U617	885.2	27-Jan-88	17 F	875.2	01U620	887.3	29-Mar-89	21 A	875.8
01U617	885.2	14-Apr-88	18 F	875.0	01U620	887.3	07-Jun-89	22 A	877.3
01U617	885.2	30-Aug-88	19 F	875.3	01U620	887.3	04-Aug-89	23 F	878.0
01U617	885.2	22-Nov-88	20 F	875.2	01U620	887.3	08-Sep-89	23 A	878.6
01U617	885.2	06-Dec-88	20 A	875.2	01U620	887.3	03-Nov-89	24 F	877.0

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U620	887.3	03-Jan-90	25 A	876.1	01U624B	878.3	04-Aug-89	23 F	869.2
01U620	887.3	07-May-90	26 A	876.3	01U624B	878.3	08-Sep-89	23 A	878.2
01U620	887.3	03-Jul-90	27 A	878.2	01U624B	878.3	03-Nov-89	24 F	868.3
01U621	884.6	15-Dec-87	16 F	877.9	01U624B	878.3	21-Nov-89	24 A	876.5
01U621	884.6	27-Jan-88	17 F	876.1	01U624B	878.3	03-Jan-90	25 A	875.8
01U621	884.6	14-Apr-88	18 F	875.9	01U624B	878.3	07-May-90	26 A	876.0
01U621	884.6	30-Aug-88	19 F	876.2	01U624B	878.3	03-Jul-90	27 A	877.8
01U621	884.6	23-Nov-88	20 F	876.0	01U624C	878.3	28-Jan-88	17 F	867.7
01U621	884.6	06-Dec-88	20 A	876.0	01U624C	878.3	14-Apr-88	18 F	867.3
01U621	884.6	29-Mar-89	21 A	875.4	01U624C	878.3	30-Aug-88	19 F	867.9
01U621	884.6	07-Jun-89	22 A	877.0	01U624C	878.3	23-Nov-88	20 F	868.9
01U621	884.6	04-Aug-89	23 F	877.5	01U624C	878.3	06-Dec-88	20 A	875.9
01U621	884.6	08-Sep-89	23 A	877.0	01U624C	878.3	29-Mar-89	21 A	875.5
01U621	884.6	03-Nov-89	24 F	876.7	01U624C	878.3	07-Jun-89	22 A	876.8
01U621	884.6	03-Jan-90	25 A	875.8	01U624C	878.3	04-Aug-89	23 F	869.2
01U621	884.6	07-May-90	26 A	846.4	01U624C	878.3	08-Sep-89	23 A	878.2
01U621	884.6	03-Jul-90	27 A	878.2	01U624C	878.3	03-Nov-89	24 F	868.3
01U623	889.8	15-Dec-87	16 F	877.7	01U624C	878.3	21-Nov-89	24 A	876.5
01U623	889.8	27-Jan-88	17 F	877.6	01U624C	878.3	03-Jan-90	25 A	875.8
01U623	889.8	14-Apr-88	18 F	876.1	01U624C	878.3	07-May-90	26 A	876.0
01U623	889.8	30-Aug-88	19 F	876.3	01U624C	878.3	03-Jul-90	27 A	877.8
01U623	889.8	23-Nov-88	20 F	876.3	01U624D	878.3	28-Jan-88	17 F	867.8
01U623	889.8	06-Dec-88	20 A	875.8	01U624D	878.3	14-Apr-88	18 F	867.3
01U623	889.8	29-Mar-89	21 A	875.6	01U624D	878.3	30-Aug-88	19 F	867.9
01U623	889.8	07-Jun-89	22 A	876.3	01U624D	878.3	23-Nov-88	20 F	869.3
01U623	889.8	08-Sep-89	23 A	877.0	01U624D	878.3	06-Dec-88	20 A	875.9
01U623	889.8	03-Nov-89	24 F	879.7	01U624D	878.3	29-Mar-89	21 A	875.5
01U623	889.8	03-Jan-90	25 A	876.0	01U624D	878.3	07-Jun-89	22 A	876.9
01U623	889.8	07-May-90	26 A	875.9	01U624D	878.3	04-Aug-89	23 F	869.2
01U623	889.8	03-Jul-90	27 A	876.7	01U624D	878.3	08-Sep-89	23 A	878.2
01U624A	878.3	06-Dec-88	20 A	Dry	01U624D	878.3	03-Nov-89	24 F	868.3
01U624A	878.3	29-Mar-89	21 A	Dry	01U624D	878.3	21-Nov-89	24 A	876.5
01U624A	878.3	07-Jun-89	22 A	Dry	01U624D	878.3	03-Jan-90	25 A	875.8
01U624A	878.3	08-Sep-89	23 A	878.3	01U624D	878.3	07-May-90	26 A	876.1
01U624A	878.3	21-Nov-89	24 A	Dry	01U624D	878.3	03-Jul-90	27 A	877.8
01U624A	878.3	03-Jan-90	25 A	Dry	01U625A	878.0	28-Jan-88	17 F	867.5
01U624A	878.3	07-May-90	26 A	Dry	01U625A	878.0	14-Apr-88	18 F	867.3
01U624A	878.3	03-Jul-90	27 A	877.8	01U625A	878.0	30-Aug-88	19 F	867.6
01U624B	878.3	28-Jan-88	17 F	867.8	01U625A	878.0	23-Nov-88	20 F	869.0
01U624B	878.3	14-Apr-88	18 F	867.3	01U625A	878.0	06-Dec-88	20 A	876.6
01U624B	878.3	30-Aug-88	19 F	867.9	01U625A	878.0	29-Mar-89	21 A	875.5
01U624B	878.3	23-Nov-88	20 F	869.4	01U625A	878.0	07-Jun-89	22 A	876.5
01U624B	878.3	06-Dec-88	20 A	875.9	01U625A	878.0	04-Aug-89	23 F	868.9
01U624B	878.3	29-Mar-89	21 A	875.5	01U625A	878.0	08-Sep-89	23 A	878.0
01U624B	878.3	07-Jun-89	22 A	876.8	01U625A	878.0	03-Nov-89	24 F	868.4
					01U625A	878.0	21-Nov-89	24 A	877.3

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.



TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U625A	878.0	03-Jan-90	25 A	876.7	01U626A	877.1	27-Jan-88	17 F	866.4
01U625A	878.0	07-May-90	26 A	876.9	01U626A	877.1	14-Apr-88	18 F	865.9
01U625A	878.0	03-Jul-90	27 A	878.4	01U626A	877.1	30-Aug-88	19 F	866.2
					01U626A	877.1	23-Nov-88	20 F	867.5
01U625B	878.0	28-Jan-88	17 F	867.4	01U626A	877.1	06-Dec-88	20 A	875.6
01U625B	878.0	14-Apr-88	18 F	867.2	01U626A	877.1	29-Mar-89	21 A	874.2
01U625B	878.0	30-Aug-88	19 F	867.6	01U626A	877.1	07-Jun-89	22 A	875.6
01U625B	878.0	23-Nov-88	20 F	868.6	01U626A	877.1	04-Aug-89	23 F	868.1
01U625B	878.0	06-Dec-88	20 A	876.6	01U626A	877.1	08-Sep-89	23 A	877.0
01U625B	878.0	29-Mar-89	21 A	874.8	01U626A	877.1	03-Nov-89	24 F	867.7
01U625B	878.0	07-Jun-89	22 A	875.7	01U626A	877.1	21-Nov-89	24 A	877.0
01U625B	878.0	04-Aug-89	23 F	868.9	01U626A	877.1	03-Jan-90	25 A	876.8
01U625B	878.0	08-Sep-89	23 A	877.3	01U626A	877.1	07-May-90	26 A	877.2
01U625B	878.0	03-Nov-89	24 F	868.4	01U626A	877.1	03-Jul-90	27 A	878.0
01U625B	878.0	21-Nov-89	24 A	877.3					
01U625B	878.0	03-Jan-90	25 A	876.6	01U626B	877.1	27-Jan-88	17 F	866.0
01U625B	878.0	07-May-90	26 A	876.8	01U626B	877.1	14-Apr-88	18 F	865.9
01U625B	878.0	03-Jul-90	27 A	878.4	01U626B	877.1	30-Aug-88	19 F	866.2
					01U626B	877.1	23-Nov-88	20 F	866.8
01U625C	878.0	28-Jan-88	17 F	867.4	01U626B	877.1	06-Dec-88	20 A	875.7
01U625C	878.0	14-Apr-88	18 F	867.3	01U626B	877.1	29-Mar-89	21 A	874.4
01U625C	878.0	30-Aug-88	19 F	867.6	01U626B	877.1	07-Jun-89	22 A	875.3
01U625C	878.0	23-Nov-88	20 F	868.6	01U626B	877.1	04-Aug-89	23 F	867.6
01U625C	878.0	06-Dec-88	20 A	876.6	01U626B	877.1	08-Sep-89	23 A	876.9
01U625C	878.0	29-Mar-89	21 A	874.7	01U626B	877.1	03-Nov-89	24 F	867.2
01U625C	878.0	07-Jun-89	22 A	875.7	01U626B	877.1	21-Nov-89	24 A	876.6
01U625C	878.0	04-Aug-89	23 F	868.9	01U626B	877.1	03-Jan-90	25 A	875.9
01U625C	878.0	08-Sep-89	23 A	878.0	01U626B	877.1	07-May-90	26 A	876.1
01U625C	878.0	03-Nov-89	24 F	868.4	01U626B	877.1	03-Jul-90	27 A	877.7
01U625C	878.0	21-Nov-89	24 A	877.3					
01U625C	878.0	03-Jan-90	25 A	876.6	01U626C	877.1	27-Jan-88	17 F	866.1
01U625C	878.0	07-May-90	26 A	876.8	01U626C	877.1	14-Apr-88	18 F	866.0
01U625C	878.0	03-Jul-90	27 A	878.4	01U626C	877.1	30-Aug-88	19 F	866.3
					01U626C	877.1	23-Nov-88	20 F	866.8
01U625D	878.0	28-Jan-88	17 F	867.4	01U626C	877.1	06-Dec-88	20 A	875.8
01U625D	878.0	14-Apr-88	18 F	867.2	01U626C	877.1	29-Mar-89	21 A	874.5
01U625D	878.0	30-Aug-88	19 F	867.6	01U626C	877.1	07-Jun-89	22 A	875.4
01U625D	878.0	23-Nov-88	20 F	868.6	01U626C	877.1	04-Aug-89	23 F	867.7
01U625D	878.0	06-Dec-88	20 A	876.6	01U626C	877.1	08-Sep-89	23 A	877.0
01U625D	878.0	29-Mar-89	21 A	874.8	01U626C	877.1	03-Nov-89	24 F	867.2
01U625D	878.0	07-Jun-89	22 A	875.7	01U626C	877.1	21-Nov-89	24 A	876.7
01U625D	878.0	04-Aug-89	23 F	868.9	01U626C	877.1	03-Jan-90	25 A	875.9
01U625D	878.0	08-Sep-89	23 A	877.3	01U626C	877.1	07-May-90	26 A	876.1
01U625D	878.0	03-Nov-89	24 F	868.4	01U626C	877.1	03-Jul-90	27 A	877.7
01U625D	878.0	21-Nov-89	24 A	877.3					
01U625D	878.0	03-Jan-90	25 A	876.6	01U626D	877.1	27-Jan-88	17 F	866.2
01U625D	878.0	07-May-90	26 A	876.8	01U626D	877.1	14-Apr-88	18 F	866.1
01U625D	878.0	03-Jul-90	27 A	878.4	01U626D	877.1	30-Aug-88	19 F	866.3

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U626D	877.1	23-Nov-88	20 F	867.4	01U627C	877.1	04-Aug-89	23 F	868.4
01U626D	877.1	06-Dec-88	20 A	875.9	01U627C	877.1	08-Sep-89	23 A	877.1
01U626D	877.1	29-Mar-89	21 A	874.5	01U627C	877.1	03-Nov-89	24 F	867.9
01U626D	877.1	07-Jun-89	22 A	875.4	01U627C	877.1	21-Nov-89	24 A	876.9
01U626D	877.1	04-Aug-89	23 F	867.7	01U627C	877.1	03-Jan-90	25 A	876.1
01U626D	877.1	08-Sep-89	23 A	877.0	01U627C	877.1	07-May-90	26 A	876.4
01U626D	877.1	03-Nov-89	24 F	867.3	01U627C	877.1	03-Jul-90	27 A	878.0
01U626D	877.1	21-Nov-89	24 A	876.7					
01U626D	877.1	03-Jan-90	25 A	876.0	01U627D	877.1	27-Jan-88	17 F	867.0
01U626D	877.1	07-May-90	26 A	876.2	01U627D	877.1	14-Apr-88	18 F	866.8
01U626D	877.1	03-Jul-90	27 A	877.8	01U627D	877.1	30-Aug-88	19 F	867.1
					01U627D	877.1	23-Nov-88	20 F	867.4
01U627A	877.1	27-Jan-88	17 F	868.0	01U627D	877.1	06-Dec-88	20 A	876.1
01U627A	877.1	14-Apr-88	18 F	867.6	01U627D	877.1	29-Mar-89	21 A	874.6
01U627A	877.1	30-Aug-88	19 F	867.8	01U627D	877.1	07-Jun-89	22 A	875.7
01U627A	877.1	23-Nov-88	20 F	868.7	01U627D	877.1	04-Aug-89	23 F	868.4
01U627A	877.1	06-Dec-88	20 A	876.6	01U627D	877.1	08-Sep-89	23 A	877.1
01U627A	877.1	29-Mar-89	21 A	874.7	01U627D	877.1	03-Nov-89	24 F	867.9
01U627A	877.1	07-Jun-89	22 A	876.8	01U627D	877.1	21-Nov-89	24 A	876.8
01U627A	877.1	04-Aug-89	23 F	869.8	01U627D	877.1	03-Jan-90	25 A	876.2
01U627A	877.1	08-Sep-89	23 A	877.8	01U627D	877.1	07-May-90	26 A	876.4
01U627A	877.1	03-Nov-89	24 F	869.2	01U627D	877.1	03-Jul-90	27 A	878.0
01U627A	877.1	21-Nov-89	24 A	878.1					
01U627A	877.1	03-Jan-90	25 A	878.4	01U628A	877.8	27-Jan-88	17 F	868.1
01U627A	877.1	07-May-90	26 A	878.7	01U628A	877.8	14-Apr-88	18 F	868.0
01U627A	877.1	03-Jul-90	27 A	879.0	01U628A	877.8	30-Aug-88	19 F	868.2
					01U628A	877.8	23-Nov-88	20 F	869.2
01U627B	877.1	27-Jan-88	17 F	867.0	01U628A	877.8	06-Dec-88	20 A	875.9
01U627B	877.1	14-Apr-88	18 F	866.9	01U628A	877.8	29-Mar-89	21 A	875.1
01U627B	877.1	30-Aug-88	19 F	867.1	01U628A	877.8	07-Jun-89	22 A	877.0
01U627B	877.1	23-Nov-88	20 F	868.7	01U628A	877.8	04-Aug-89	23 F	868.5
01U627B	877.1	06-Dec-88	20 A	876.1	01U628A	877.8	08-Sep-89	23 A	877.7
01U627B	877.1	29-Mar-89	21 A	874.7	01U628A	877.8	03-Nov-89	24 F	868.6
01U627B	877.1	07-Jun-89	22 A	875.7	01U628A	877.8	21-Nov-89	24 A	876.1
01U627B	877.1	04-Aug-89	23 F	868.5	01U628A	877.8	03-Jan-90	25 A	875.7
01U627B	877.1	08-Sep-89	23 A	877.2	01U628A	877.8	07-May-90	26 A	876.5
01U627B	877.1	03-Nov-89	24 F	867.9	01U628A	877.8	03-Jul-90	27 A	878.2
01U627B	877.1	21-Nov-89	24 A	877.0					
01U627B	877.1	03-Jan-90	25 A	876.2	01U628B	877.8	27-Jan-88	17 F	867.9
01U627B	877.1	07-May-90	26 A	876.5	01U628B	877.8	14-Apr-88	18 F	867.7
01U627B	877.1	03-Jul-90	27 A	878.1	01U628B	877.8	30-Aug-88	19 F	867.9
					01U628B	877.8	23-Nov-88	20 F	868.3
01U627C	877.1	27-Jan-88	17 F	867.0	01U628B	877.8	06-Dec-88	20 A	876.0
01U627C	877.1	14-Apr-88	18 F	866.8	01U628B	877.8	29-Mar-89	21 A	875.3
01U627C	877.1	30-Aug-88	19 F	867.1	01U628B	877.8	07-Jun-89	22 A	877.0
01U627C	877.1	23-Nov-88	20 F	868.5	01U628B	877.8	04-Aug-89	23 F	869.2
01U627C	877.1	06-Dec-88	20 A	876.0	01U628B	877.8	08-Sep-89	23 A	877.9
01U627C	877.1	29-Mar-89	21 A	874.7	01U628B	877.8	03-Nov-89	24 F	868.4
01U627C	877.1	07-Jun-89	22 A	875.6	01U628B	877.8	21-Nov-89	24 A	876.4

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U628B	877.8	03-Jan-90	25 A	875.9	01U639	958.0	14-Dec-87	16 F	948.5
01U628B	877.8	07-May-90	26 A	876.6	01U639	958.0	14-Apr-88	18 F	950.8
01U628B	877.8	03-Jul-90	27 A	878.2	01U639	958.0	23-Nov-88	20 F	952.9
01U628C	877.8	27-Jan-88	17 F	867.6	01U639	958.0	12-May-89	22 F	950.1
01U628C	877.8	14-Apr-88	18 F	867.4	01U640	958.0	30-Aug-88	19 F	950.3
01U628C	877.8	30-Aug-88	19 F	867.6	01U640	958.0	23-Nov-88	20 F	950.3
01U628C	877.8	23-Nov-88	20 F	868.5	01U640	958.0	12-May-89	22 F	947.0
01U628C	877.8	06-Dec-88	20 A	875.7	01U640	958.0	04-Aug-89	23 F	950.8
01U628C	877.8	29-Mar-89	21 A	875.2	01U642	958.6	15-Dec-87	16 F	954.4
01U628C	877.8	07-Jun-89	22 A	876.6	01U642	958.6	27-Jan-88	17 F	952.0
01U628C	877.8	04-Aug-89	23 F	868.9	01U642	958.6	14-Apr-88	18 F	954.0
01U628C	877.8	08-Sep-89	23 A	877.7	01U642	958.6	30-Aug-88	19 F	953.8
01U628C	877.8	03-Nov-89	24 F	868.2	01U642	958.6	23-Nov-88	20 F	955.0
01U628C	877.8	21-Nov-89	24 A	876.3	01U642	958.6	04-Aug-89	23 F	951.2
01U628C	877.8	03-Jan-90	25 A	875.7	01U652	957.0	15-Dec-87	16 F	947.9
01U628C	877.8	07-May-90	26 A	876.1	01U652	957.0	27-Jan-88	17 F	947.3
01U628C	877.8	03-Jul-90	27 A	877.8	01U652	957.0	14-Apr-88	18 F	946.2
01U628D	877.8	27-Jan-88	17 F	867.6	01U652	957.0	30-Aug-88	19 F	947.4
01U628D	877.8	14-Apr-88	18 F	867.4	01U652	957.0	23-Nov-88	20 F	947.6
01U628D	877.8	30-Aug-88	19 F	867.6	01U652	957.0	12-May-89	22 F	943.1
01U628D	877.8	23-Nov-88	20 F	868.8	01U652	957.0	04-Aug-89	23 F	947.2
01U628D	877.8	06-Dec-88	20 A	875.7	01U652	957.0	03-Nov-89	24 F	947.6
01U628D	877.8	29-Mar-89	21 A	875.2					
01U628D	877.8	07-Jun-89	22 A	876.6					
01U628D	877.8	04-Aug-89	23 F	868.9					
01U628D	877.8	08-Sep-89	23 A	877.7					
01U628D	877.8	03-Nov-89	24 F	868.2					
01U628D	877.8	21-Nov-89	24 A	876.2					
01U628D	877.8	03-Jan-90	25 A	875.7					
01U628D	877.8	07-May-90	26 A	876.1					
01U628D	877.8	03-Jul-90	27 A	877.8					
01U634	958.0	15-Dec-87	16 F	951.2					
01U634	958.0	14-Apr-88	18 F	951.3					
01U634	958.0	23-Nov-88	20 F	953.3					
01U634	958.0	12-May-89	22 F	950.2					
01U634	958.0	04-Aug-89	23 F	951.9					
01U636	953.0	14-Dec-87	16 F	939.6					
01U636	953.0	14-Apr-88	18 F	940.0					
01U636	953.0	30-Aug-88	19 F	939.6					
01U636	953.0	23-Nov-88	20 F	939.6					
01U636	953.0	12-May-89	22 F	941.1					
01U636	953.0	04-Aug-89	23 F	940.4					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
01U666	959.0	12-May-89	22 F	948.9	01U813	870.3	23-Nov-88	20 F	867.1
01U667	959.4	15-Dec-87	16 F	946.3	01U813	870.3	06-Aug-89	23 F	868.1
01U667	959.4	27-Jan-88	17 F	945.9	01U813	870.3	03-Nov-89	24 F	867.5
01U667	959.4	14-Apr-88	18 F	949.0	01U901	902.0	06-Aug-89	23 F	882.2
01U667	959.4	30-Aug-88	19 F	946.5	01U901	902.0	02-Nov-89	24 F	881.5
01U667	959.4	23-Nov-88	20 F	946.1	01U901	902.0	20-Feb-90	25 F	880.9
01U668	959.4	04-Aug-89	23 F	949.2	01U901	902.0	20-Mar-90	25 F	880.8
01U668	959.4	03-Nov-89	24 F	949.9	01U901	902.0	16-Apr-90	26 F	880.5
01U803	898.2	14-Dec-87	16 F	893.0	01U901	902.0	30-Apr-90	26 F	880.9
01U803	898.2	26-Jan-88	17 F	891.8	01U901	902.0	22-May-90	26 F	881.2
01U803	898.2	30-Aug-88	19 F	892.1	01U901	902.0	19-Jun-90	26 F	881.7
01U803	898.2	23-Nov-88	20 F	893.0	01U901	902.0	17-Jul-90	27 F	882.5
01U803	898.2	03-Aug-89	23 F	893.0	01U901	902.0	21-Aug-90	27 F	884.3
01U803	898.2	03-Nov-89	24 F	891.4	01U901	902.0	18-Sep-90	28 F	883.6
01U805	905.3	14-Dec-87	16 F	901.0	01U902	901.0	06-Aug-89	23 F	884.4
01U805	905.3	26-Jan-88	17 F	899.5	01U902	901.0	02-Nov-89	24 F	883.6
01U805	905.3	13-Apr-88	18 F	901.3	01U902	901.0	20-Feb-90	25 F	882.7
01U805	905.3	30-Aug-88	19 F	899.3	01U902	901.0	20-Mar-90	25 F	882.5
01U805	905.3	23-Nov-88	20 F	899.4	01U902	901.0	16-Apr-90	26 F	882.5
01U805	905.3	03-Aug-89	23 F	900.4	01U902	901.0	22-May-90	26 F	882.7
01U805	905.3	03-Nov-89	24 F	897.1	01U902	901.0	19-Jun-90	26 F	883.5
01U806	909.8	14-Dec-87	16 F	902.9	01U902	901.0	17-Jul-90	27 F	884.5
01U806	909.8	27-Jan-88	17 F	901.6	01U902	901.0	21-Aug-90	27 F	885.4
01U806	909.8	13-Apr-88	18 F	901.6	01U902	901.0	18-Sep-90	28 F	885.9
01U806	909.8	30-Aug-88	19 F	901.6	03F302	927.2	24-Nov-87	16 A	850.6
01U806	909.8	03-Aug-89	23 F	902.2	03F302	927.2	30-Nov-87	16 A	844.8
01U806	909.8	03-Nov-89	24 F	901.0	03F302	927.2	14-Dec-87	16 A	844.4
01U808	908.4	14-Dec-87	16 F	891.5	03F302	927.2	15-Dec-87	16 F	844.4
01U808	908.4	26-Jan-88	17 F	891.9	03F302	927.2	11-Jan-88	17 A	844.6
01U808	908.4	13-Apr-88	18 F	891.2	03F302	927.2	28-Jan-88	17 F	837.3
01U808	908.4	30-Aug-88	19 F	890.9	03F302	927.2	14-Apr-88	18 F	865.6
01U808	908.4	23-Nov-88	20 F	891.0	03F302	927.2	02-May-88	18 A	844.8
01U808	908.4	03-Aug-89	23 F	891.3	03F302	927.2	20-May-88	18 A	844.3
01U808	908.4	03-Nov-89	24 F	891.0	03F302	927.2	23-Jun-88	18 A	843.7
01U813	870.3	14-Dec-87	16 F	868.6	03F302	927.2	27-Jul-88	19 A	842.5
01U813	870.3	13-Apr-88	18 F	868.7	03F302	927.2	30-Aug-88	19 F	860.5
01U813	870.3	30-Aug-88	19 F	866.0	03F302	927.2	01-Sep-88	19 A	840.1
					03F302	927.2	21-Sep-88	19 A	847.8
					03F302	927.2	14-Oct-88	20 A	840.7
					03F302	927.2	25-Nov-88	20 F	863.4
					03F302	927.2	02-Dec-88	20 A	849.2

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03F302	927.2	13-Jan-89	21 A	839.9	03F304	917.1	01-Sep-88	19 A	847.6
03F302	927.2	31-Mar-89	21 A	848.7	03F304	917.1	21-Sep-88	19 A	847.5
03F302	927.2	07-Jul-89	23 A	837.9	03F304	917.1	14-Oct-88	20 A	846.7
03F302	927.2	04-Aug-89	23 F	837.2	03F304	917.1	25-Nov-88	20 F	851.6
03F302	927.2	05-Oct-89	24 A	837.1	03F304	917.1	02-Dec-88	20 A	848.5
03F302	927.2	02-Nov-89	24 F	836.3	03F304	917.1	13-Jan-89	21 A	847.7
03F302	927.2	11-Jan-90	25 A	855.3	03F304	917.1	31-Mar-89	21 A	842.6
03F302	927.2	16-May-90	26 A	836.7	03F304	917.1	07-Jul-89	23 A	841.0
03F302	927.2	16-Jul-90	27 A	835.9	03F304	917.1	04-Aug-89	23 F	841.1
03F303	922.1	24-Nov-87	16 A	829.8	03F304	917.1	05-Oct-89	24 A	840.5
03F303	922.1	30-Nov-87	16 A	829.8	03F304	917.1	02-Nov-89	24 F	840.6
03F303	922.1	14-Dec-87	16 A	830.8	03F304	917.1	21-Dec-89	24 A	840.1
03F303	922.1	15-Dec-87	16 F	830.8	03F304	917.1	11-Jan-90	25 A	840.0
03F303	922.1	28-Jan-88	17 F	847.4	03F304	917.1	16-May-90	26 A	840.2
03F303	922.1	14-Apr-88	18 F	857.8	03F304	917.1	16-Jul-90	27 A	839.7
03F303	922.1	02-May-88	18 A	831.3	03F305	912.7	24-Nov-87	16 A	844.5
03F303	922.1	20-May-88	18 A	829.7	03F305	912.7	30-Nov-87	16 A	844.8
03F303	922.1	23-Jun-88	18 A	836.4	03F305	912.7	14-Dec-87	16 A	844.7
03F303	922.1	27-Jul-88	19 A	825.6	03F305	912.7	15-Dec-87	16 F	844.7
03F303	922.1	30-Aug-88	19 F	852.9	03F305	912.7	11-Jan-88	17 A	844.9
03F303	922.1	01-Sep-88	19 A	847.7	03F305	912.7	28-Jan-88	17 F	844.2
03F303	922.1	21-Sep-88	19 A	847.2	03F305	912.7	14-Apr-88	18 F	848.3
03F303	922.1	14-Oct-88	20 A	828.0	03F305	912.7	02-May-88	18 A	844.7
03F303	922.1	02-Dec-88	20 A	849.0	03F305	912.7	23-Jun-88	18 A	848.8
03F303	922.1	13-Jan-89	21 A	828.3	03F305	912.7	27-Jul-88	19 A	847.8
03F303	922.1	31-Mar-89	21 A	827.6	03F305	912.7	30-Aug-88	19 F	843.4
03F303	922.1	07-Jul-89	23 A	829.6	03F305	912.7	01-Sep-88	19 A	847.3
03F303	922.1	04-Aug-89	23 F	828.6	03F305	912.7	21-Sep-88	19 A	847.1
03F303	922.1	05-Oct-89	24 A	828.4	03F305	912.7	14-Oct-88	20 A	841.0
03F303	922.1	02-Nov-89	24 F	828.9	03F305	912.7	02-Dec-88	20 A	848.2
03F303	922.1	21-Dec-89	24 A	830.5	03F305	912.7	13-Jan-89	21 A	841.7
03F303	922.1	11-Jan-90	25 A	828.7	03F305	912.7	31-Mar-89	21 A	837.5
03F303	922.1	16-May-90	26 A	821.3	03F305	912.7	07-Jul-89	23 A	836.3
03F303	922.1	16-Jul-90	27 A	821.0	03F305	912.7	04-Aug-89	23 F	836.5
03F304	917.1	24-Nov-87	16 A	848.5	03F305	912.7	05-Oct-89	24 A	836.2
03F304	917.1	30-Nov-87	16 A	849.8	03F305	912.7	02-Nov-89	24 F	836.9
03F304	917.1	14-Dec-87	16 A	848.6	03F305	912.7	21-Dec-89	24 A	834.5
03F304	917.1	15-Dec-87	16 F	848.6	03F305	912.7	11-Jan-90	25 A	834.3
03F304	917.1	11-Jan-88	17 A	848.8	03F305	912.7	16-May-90	26 A	835.4
03F304	917.1	28-Jan-88	17 F	849.2	03F305	912.7	16-Jul-90	27 A	835.1
03F304	917.1	14-Apr-88	18 F	856.8	03F306	916.2	15-Dec-87	16 F	841.7
03F304	917.1	02-May-88	18 A	849.1	03F306	916.2	28-Jan-88	17 F	824.9
03F304	917.1	20-May-88	18 A	848.5	03F306	916.2	14-Apr-88	18 F	847.7
03F304	917.1	23-Jun-88	18 A	847.7	03F306	916.2	02-May-88	18 A	841.9
03F304	917.1	27-Jul-88	19 A	846.5	03F306	916.2	20-May-88	18 A	841.2
03F304	917.1	30-Aug-88	19 F	851.9	03F306	916.2	23-Jun-88	18 A	839.3

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03F306	916.2	27-Jul-88	19 A	847.6	03F312	942.1	02-Dec-88	20 A	851.6
03F306	916.2	30-Aug-88	19 F	842.1	03F312	942.1	13-Jan-89	21 A	850.9
03F306	916.2	01-Sep-88	19 A	848.5	03F312	942.1	31-Mar-89	21 A	838.0
03F306	916.2	21-Sep-88	19 A	838.2	03F312	942.1	07-Jul-89	23 A	835.3
03F306	916.2	25-Nov-88	20 F	858.7	03F312	942.1	05-Oct-89	24 A	835.1
03F306	916.2	07-Jul-89	23 A	834.5	03F312	942.1	21-Dec-89	24 A	828.7
03F306	916.2	04-Aug-89	23 F	834.4	03F312	942.1	11-Jan-90	25 A	838.6
03F306	916.2	05-Oct-89	24 A	833.1	03F312	942.1	16-May-90	26 A	839.4
03F306	916.2	02-Nov-89	24 F	833.5	03F312	942.1	16-Jul-90	27 A	838.8
03F306	916.2	21-Dec-89	24 A	832.5					
03F306	916.2	11-Jan-90	25 A	832.8	03L001	888.4	17-Nov-87	16 A	849.8
03F306	916.2	16-May-90	26 A	832.8	03L001	888.4	24-Nov-87	16 A	849.4
03F306	916.2	16-Jul-90	27 A	832.3	03L001	888.4	30-Nov-87	16 A	849.8
					03L001	888.4	14-Dec-87	16 F	849.6
03F307	912.6	24-Nov-87	16 A	823.7	03L001	888.4	14-Dec-87	16 A	849.5
03F307	912.6	30-Nov-87	16 A	824.1	03L001	888.4	11-Jan-88	17 A	849.8
03F307	912.6	14-Dec-87	16 A	823.3	03L001	888.4	27-Jan-88	17 F	849.5
03F307	912.6	15-Dec-87	16 F	823.3	03L001	888.4	13-Apr-88	18 F	850.5
03F307	912.6	11-Jan-88	17 A	823.5	03L001	888.4	02-May-88	18 A	849.6
03F307	912.6	28-Jan-88	17 F	830.2	03L001	888.4	20-May-88	18 A	849.0
03F307	912.6	14-Apr-88	18 F	839.4	03L001	888.4	23-Jun-88	18 A	846.5
03F307	912.6	02-May-88	18 A	824.4	03L001	888.4	27-Jul-88	19 A	845.3
03F307	912.6	20-May-88	18 A	823.2	03L001	888.4	30-Aug-88	19 F	845.4
03F307	912.6	23-Jun-88	18 A	824.6	03L001	888.4	01-Sep-88	19 A	845.0
03F307	912.6	27-Jul-88	19 A	847.0	03L001	888.4	21-Sep-88	19 A	845.1
03F307	912.6	30-Aug-88	19 F	833.9	03L001	888.4	14-Oct-88	20 A	845.6
03F307	912.6	21-Sep-88	19 A	822.2	03L001	888.4	23-Nov-88	20 F	846.6
03F307	912.6	25-Nov-88	20 F	860.6	03L001	888.4	02-Dec-88	20 A	846.6
03F307	912.6	31-Mar-89	21 A	830.8	03L001	888.4	13-Jan-89	21 A	846.7
03F307	912.6	07-Jul-89	23 A	829.3	03L001	888.4	31-Mar-89	21 A	843.8
03F307	912.6	04-Aug-89	23 F	829.5	03L001	888.4	07-Jul-89	23 A	841.5
03F307	912.6	05-Oct-89	24 A	828.9	03L001	888.4	05-Aug-89	23 F	841.4
03F307	912.6	02-Nov-89	24 F	829.3	03L001	888.4	05-Oct-89	24 A	841.3
03F307	912.6	21-Dec-89	24 A	828.5	03L001	888.4	02-Nov-89	24 F	841.4
03F307	912.6	11-Jan-90	25 A	828.5	03L001	888.4	21-Dec-89	24 A	841.2
03F307	912.6	16-May-90	26 A	827.9	03L001	888.4	11-Jan-90	25 A	841.2
03F307	912.6	16-Jul-90	27 A	828.4	03L001	888.4	16-May-90	26 A	841.4
					03L001	888.4	16-Jul-90	27 A	841.1
03F308	900.6	02-Dec-88	20 A	846.1	03L002	919.5	17-Nov-87	16 A	850.7
03F308	900.6	13-Jan-89	21 A	847.1	03L002	919.5	24-Nov-87	16 A	850.3
03F308	900.6	31-Mar-89	21 A	836.1	03L002	919.5	30-Nov-87	16 A	850.7
03F308	900.6	07-Jul-89	23 A	834.4	03L002	919.5	14-Dec-87	16 A	850.4
03F308	900.6	05-Oct-89	24 A	834.0	03L002	919.5	11-Jan-88	17 A	850.7
03F308	900.6	21-Dec-89	24 A	833.7	03L002	919.5	13-Apr-88	18 F	853.1
03F308	900.6	11-Jan-90	25 A	833.5	03L002	919.5	02-May-88	18 A	851.0
03F308	900.6	16-May-90	26 A	832.9	03L002	919.5	20-May-88	18 A	850.4
03F308	900.6	16-Jul-90	27 A	831.5	03L002	919.5	23-Jun-88	18 A	849.4

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03L002	919.5	27-Jul-88	19 A	848.4	03L004	950.7	30-Nov-87	16 A	855.6
03L002	919.5	30-Aug-88	19 F	847.9	03L004	950.7	14-Dec-87	16 F	855.4
03L002	919.5	01-Sep-88	19 A	847.9	03L004	950.7	14-Dec-87	16 A	855.3
03L002	919.5	21-Sep-88	19 A	847.6	03L004	950.7	11-Jan-88	17 A	855.7
03L002	919.5	14-Oct-88	20 A	847.0	03L004	950.7	26-Jan-88	17 F	855.6
03L002	919.5	23-Nov-88	20 F	848.5	03L004	950.7	14-Apr-88	18 F	856.3
03L002	919.5	02-Dec-88	20 A	848.7	03L004	950.7	02-May-88	18 A	855.9
03L002	919.5	13-Jan-89	21 A	848.1	03L004	950.7	20-May-88	18 A	855.5
03L002	919.5	31-Mar-89	21 A	844.5	03L004	950.7	23-Jun-88	18 A	854.5
03L002	919.5	07-Jul-89	23 A	843.0	03L004	950.7	27-Jul-88	19 A	853.1
03L002	919.5	05-Aug-89	23 F	842.9	03L004	950.7	30-Aug-88	19 F	852.2
03L002	919.5	05-Oct-89	24 A	842.5	03L004	950.7	01-Sep-88	19 A	851.9
03L002	919.5	02-Nov-89	24 F	842.9	03L004	950.7	21-Sep-88	19 A	851.6
03L002	919.5	21-Dec-89	24 A	841.9	03L004	950.7	14-Oct-88	20 A	851.5
03L002	919.5	11-Jan-90	25 A	841.8	03L004	950.7	23-Nov-88	20 F	851.7
03L002	919.5	16-May-90	26 A	841.9	03L004	950.7	02-Dec-88	20 A	851.8
03L002	919.5	16-Jul-90	27 A	841.7	03L004	950.7	13-Jan-89	21 A	852.1
					03L004	950.7	31-Mar-89	21 A	850.7
03L003	943.2	17-Nov-87	16 A	852.3	03L004	950.7	05-Aug-89	23 F	849.6
03L003	943.2	24-Nov-87	16 A	852.2	03L004	950.7	05-Oct-89	24 A	848.4
03L003	943.2	30-Nov-87	16 A	852.2	03L004	950.7	04-Nov-89	24 F	848.4
03L003	943.2	14-Dec-87	16 A	852.0	03L004	950.7	21-Dec-89	24 A	848.1
03L003	943.2	14-Dec-87	16 F	852.1	03L004	950.7	11-Jan-90	25 A	847.9
03L003	943.2	11-Jan-88	17 A	852.2	03L004	950.7	16-May-90	26 A	847.8
03L003	943.2	26-Jan-88	17 F	852.2					
03L003	943.2	14-Apr-88	18 F	853.9	03L005	971.5	30-Nov-87	16 A	854.6
03L003	943.2	02-May-88	18 A	852.8	03L005	971.5	14-Dec-87	16 A	854.4
03L003	943.2	20-May-88	18 A	852.2	03L005	971.5	14-Dec-87	16 F	857.2
03L003	943.2	23-Jun-88	18 A	851.5	03L005	971.5	26-Jan-88	17 F	857.3
03L003	943.2	27-Jul-88	19 A	850.1	03L005	971.5	14-Apr-88	18 F	857.6
03L003	943.2	30-Aug-88	19 F	849.1	03L005	971.5	02-May-88	18 A	854.8
03L003	943.2	01-Sep-88	19 A	848.8	03L005	971.5	20-May-88	18 A	854.4
03L003	943.2	21-Sep-88	19 A	848.6	03L005	971.5	23-Jun-88	18 A	852.7
03L003	943.2	14-Oct-88	20 A	848.3	03L005	971.5	27-Jul-88	19 A	851.7
03L003	943.2	02-Dec-88	20 A	849.5	03L005	971.5	30-Aug-88	19 F	853.6
03L003	943.2	13-Jan-89	21 A	849.0	03L005	971.5	01-Sep-88	19 A	850.7
03L003	943.2	31-Mar-89	21 A	845.2	03L005	971.5	21-Sep-88	19 A	850.4
03L003	943.2	07-Jul-89	23 A	843.7	03L005	971.5	14-Oct-88	20 A	850.0
03L003	943.2	05-Aug-89	23 F	843.9	03L005	971.5	23-Nov-88	20 F	853.1
03L003	943.2	05-Oct-89	24 A	843.0	03L005	971.5	02-Dec-88	20 A	850.1
03L003	943.2	02-Nov-89	24 F	843.9	03L005	971.5	13-Jan-89	21 A	850.6
03L003	943.2	21-Dec-89	24 A	843.7	03L005	971.5	31-Mar-89	21 A	849.4
03L003	943.2	11-Jan-90	25 A	843.1	03L005	971.5	05-Aug-89	23 F	851.0
03L003	943.2	16-May-90	26 A	843.2	03L005	971.5	05-Oct-89	24 A	847.5
03L003	943.2	16-Jul-90	27 A	842.9	03L005	971.5	03-Nov-89	24 F	850.4
					03L005	971.5	21-Dec-89	24 A	846.9
03L004	950.7	17-Nov-87	16 A	855.7	03L005	971.5	11-Jan-90	25 A	846.9
03L004	950.7	24-Nov-87	16 A	855.4	03L005	971.5	24-Apr-90	26 F	849.9

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03L005	971.5	16-May-90	26 A	846.7	03L010	888.9	05-Oct-89	24 A	859.1
03L007	901.7	24-Nov-87	16 A	859.1	03L010	888.9	02-Nov-89	24 F	859.5
03L007	901.7	14-Dec-87	16 F	859.3	03L010	888.9	21-Dec-89	24 A	860.1
03L007	901.7	14-Dec-87	16 A	859.4	03L010	888.9	11-Jan-90	25 A	860.2
03L007	901.7	11-Jan-88	17 A	859.8	03L010	888.9	27-Apr-90	26 F	859.8
03L007	901.7	26-Jan-88	17 F	859.5	03L012	879.9	17-Nov-87	16 A	859.7
03L007	901.7	13-Apr-88	18 F	859.9	03L012	879.9	24-Nov-87	16 A	859.6
03L007	901.7	02-May-88	18 A	859.3	03L012	879.9	14-Dec-87	16 A	859.9
03L007	901.7	20-May-88	18 A	859.0	03L012	879.9	14-Dec-87	16 F	859.8
03L007	901.7	23-Jun-88	18 A	856.6	03L012	879.9	11-Jan-88	17 A	860.1
03L007	901.7	27-Jul-88	19 A	855.2	03L012	879.9	27-Jan-88	17 F	860.2
03L007	901.7	30-Aug-88	19 F	854.9	03L012	879.9	13-Apr-88	18 F	859.8
03L007	901.7	01-Sep-88	19 A	855.0	03L012	879.9	02-May-88	18 A	859.3
03L007	901.7	21-Sep-88	19 A	854.5	03L012	879.9	20-May-88	18 A	858.8
03L007	901.7	14-Oct-88	20 A	854.9	03L012	879.9	23-Jun-88	18 A	854.7
03L007	901.7	23-Nov-88	20 F	855.4	03L012	879.9	27-Jul-88	19 A	853.5
03L007	901.7	02-Dec-88	20 A	855.5	03L012	879.9	30-Aug-88	19 F	854.4
03L007	901.7	13-Jan-89	21 A	855.7	03L012	879.9	01-Sep-88	19 A	854.4
03L007	901.7	31-Mar-89	21 A	855.1	03L012	879.9	21-Sep-88	19 A	854.6
03L007	901.7	05-Aug-89	23 F	852.5	03L012	879.9	14-Oct-88	20 A	855.3
03L007	901.7	05-Oct-89	24 A	852.5	03L012	879.9	23-Nov-88	20 F	855.8
03L007	901.7	02-Nov-89	24 F	852.6	03L012	879.9	02-Dec-88	20 A	855.7
03L007	901.7	21-Dec-89	24 A	852.6	03L012	879.9	13-Jan-89	21 A	856.3
03L007	901.7	11-Jan-90	25 A	852.5	03L012	879.9	31-Mar-89	21 A	856.5
03L007	901.7	23-Apr-90	26 F	852.0	03L012	879.9	05-Aug-89	23 F	852.7
03L007	901.7	16-May-90	26 A	852.1	03L012	879.9	05-Oct-89	24 A	853.2
03L007	901.7	16-Jul-90	27 A	851.9	03L012	879.9	02-Nov-89	24 F	853.5
03L007	901.7	19-Jul-90	27 F	852.0	03L012	879.9	21-Dec-89	24 A	853.9
03L010	888.9	24-Nov-87	16 A	865.4	03L012	879.9	11-Jan-90	25 A	854.1
03L010	888.9	14-Dec-87	16 A	865.6	03L012	879.9	16-May-90	26 A	853.7
03L010	888.9	11-Jan-88	17 A	866.0	03L012	879.9	16-Jul-90	27 A	853.7
03L010	888.9	26-Jan-88	17 F	865.8	03L013	889.7	17-Nov-87	16 A	852.6
03L010	888.9	13-Apr-88	18 F	865.6	03L013	889.7	24-Nov-87	16 A	852.3
03L010	888.9	02-May-88	18 A	864.7	03L013	889.7	14-Dec-87	16 F	852.4
03L010	888.9	20-May-88	18 A	864.2	03L013	889.7	14-Dec-87	16 A	852.5
03L010	888.9	23-Jun-88	18 A	858.9	03L013	889.7	11-Jan-88	17 A	852.0
03L010	888.9	27-Jul-88	19 A	857.4	03L013	889.7	27-Jan-88	17 F	852.4
03L010	888.9	30-Aug-88	19 F	859.2	03L013	889.7	13-Apr-88	18 F	853.0
03L010	888.9	01-Sep-88	19 A	859.3	03L013	889.7	02-May-88	18 A	852.3
03L010	888.9	21-Sep-88	19 A	859.7	03L013	889.7	20-May-88	18 A	851.8
03L010	888.9	14-Oct-88	20 A	860.7	03L013	889.7	23-Jun-88	18 A	848.9
03L010	888.9	23-Nov-88	20 F	861.4	03L013	889.7	27-Jul-88	19 A	847.7
03L010	888.9	02-Dec-88	20 A	861.5	03L013	889.7	30-Aug-88	19 F	848.0
03L010	888.9	13-Jan-89	21 A	861.6	03L013	889.7	01-Sep-88	19 A	847.8
03L010	888.9	31-Mar-89	21 A	862.7	03L013	889.7	21-Sep-88	19 A	847.7
03L010	888.9	05-Aug-89	23 F	857.9	03L013	889.7	14-Oct-88	20 A	848.2

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.



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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03L013	889.7	23-Nov-88	20 F	848.9	03L017	939.2	01-Sep-88	19 A	850.2
03L013	889.7	02-Dec-88	20 A	848.9	03L017	939.2	21-Sep-88	19 A	850.2
03L013	889.7	13-Jan-89	21 A	849.5	03L017	939.2	14-Oct-88	20 A	850.0
03L013	889.7	31-Mar-89	21 A	847.9	03L017	939.2	23-Nov-88	20 F	850.6
03L013	889.7	05-Aug-89	23 F	845.0	03L017	939.2	02-Dec-88	20 A	850.7
03L013	889.7	05-Oct-89	24 A	845.1	03L017	939.2	13-Jan-89	21 A	851.0
03L013	889.7	02-Nov-89	24 F	845.2	03L017	939.2	31-Mar-89	21 A	849.2
03L013	889.7	21-Dec-89	24 A	845.3	03L017	939.2	05-Oct-89	24 A	847.1
03L013	889.7	11-Jan-90	25 A	845.6	03L017	939.2	04-Nov-89	24 F	846.8
03L013	889.7	27-Apr-90	26 F	766.4	03L017	939.2	21-Dec-89	24 A	846.3
03L013	889.7	16-May-90	26 A	845.4	03L017	939.2	11-Jan-90	25 A	846.3
					03L017	939.2	16-May-90	26 A	846.4
03L014	989.5	17-Nov-87	16 A	856.9	03L018	989.1	24-Nov-87	16 A	856.4
03L014	989.5	24-Nov-87	16 A	856.7	03L018	989.1	30-Nov-87	16 A	856.4
03L014	989.5	14-Dec-87	16 A	857.0	03L018	989.1	14-Dec-87	16 A	856.5
03L014	989.5	15-Dec-87	16 F	857.0	03L018	989.1	11-Jan-88	17 A	856.7
03L014	989.5	11-Jan-88	17 A	857.1	03L018	989.1	27-Jan-88	17 F	856.7
03L014	989.5	26-Jan-88	17 F	857.1	03L018	989.1	14-Apr-88	18 F	856.9
03L014	989.5	14-Apr-88	18 F	857.3	03L018	989.1	02-May-88	18 A	856.8
03L014	989.5	02-May-88	18 A	857.2	03L018	989.1	20-May-88	18 A	856.4
03L014	989.5	20-May-88	18 A	858.0	03L018	989.1	23-Jun-88	18 A	855.1
03L014	989.5	23-Jun-88	18 A	855.5	03L018	989.1	27-Jul-88	19 A	853.6
03L014	989.5	27-Jul-88	19 A	854.0	03L018	989.1	30-Aug-88	19 F	852.6
03L014	989.5	30-Aug-88	19 F	853.0	03L018	989.1	01-Sep-88	19 A	852.6
03L014	989.5	01-Sep-88	19 A	853.0	03L018	989.1	21-Sep-88	19 A	852.4
03L014	989.5	21-Sep-88	19 A	852.8	03L018	989.1	14-Oct-88	20 A	852.2
03L014	989.5	14-Oct-88	20 A	852.6	03L018	989.1	23-Nov-88	20 F	852.4
03L014	989.5	23-Nov-88	20 F	853.8	03L018	989.1	02-Dec-88	20 A	852.5
03L014	989.5	02-Dec-88	20 A	852.9	03L018	989.1	13-Jan-89	21 A	852.7
03L014	989.5	13-Jan-89	21 A	853.0	03L018	989.1	31-Mar-89	21 A	851.8
03L014	989.5	31-Mar-89	21 A	852.3	03L018	989.1	05-Aug-89	23 F	850.1
03L014	989.5	05-Aug-89	23 F	850.7	03L018	989.1	05-Oct-89	24 A	849.6
03L014	989.5	05-Oct-89	24 A	850.0	03L018	989.1	04-Nov-89	24 F	849.4
03L014	989.5	02-Nov-89	24 F	849.8	03L018	989.1	21-Dec-89	24 A	849.1
03L014	989.5	21-Dec-89	24 A	849.8	03L018	989.1	11-Jan-90	25 A	849.1
03L014	989.5	11-Jan-90	25 A	849.6	03L018	989.1	16-May-90	26 A	849.0
03L014	989.5	16-May-90	26 A	849.5					
03L017	939.2	17-Nov-87	16 A	854.3	03L020	954.3	17-Nov-87	16 A	854.5
03L017	939.2	24-Nov-87	16 A	854.0	03L020	954.3	24-Nov-87	16 A	854.4
03L017	939.2	14-Dec-87	16 A	854.4	03L020	954.3	30-Nov-87	16 A	854.4
03L017	939.2	27-Jan-88	17 F	854.3	03L020	954.3	14-Dec-87	16 A	854.3
03L017	939.2	13-Apr-88	18 F	855.1	03L020	954.3	11-Jan-88	17 A	854.5
03L017	939.2	02-May-88	18 A	854.5	03L020	954.3	27-Jan-88	17 F	854.6
03L017	939.2	20-May-88	18 A	854.0	03L020	954.3	14-Apr-88	18 F	855.4
03L017	939.2	23-Jun-88	18 A	852.8	03L020	954.3	02-May-88	18 A	854.9
03L017	939.2	27-Jul-88	19 A	851.2	03L020	954.3	20-May-88	18 A	854.4
03L017	939.2	30-Aug-88	19 F	850.5	03L020	954.3	23-Jun-88	18 A	853.4

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03L020	954.3	27-Jul-88	19 A	851.9	03L027	966.5	27-Jan-88	17 F	854.7
03L020	954.3	30-Aug-88	19 F	850.8	03L027	966.5	14-Apr-88	18 F	855.6
03L020	954.3	01-Sep-88	19 A	850.7	03L027	966.5	02-May-88	18 A	855.1
03L020	954.3	21-Sep-88	19 A	850.6	03L027	966.5	20-May-88	18 A	854.6
03L020	954.3	14-Oct-88	20 A	850.3	03L027	966.5	23-Jun-88	18 A	853.7
03L020	954.3	23-Nov-88	20 F	850.8	03L027	966.5	27-Jul-88	19 A	852.2
03L020	954.3	02-Dec-88	20 A	851.0	03L027	966.5	30-Aug-88	19 F	851.1
03L020	954.3	13-Jan-89	21 A	851.1	03L027	966.5	01-Sep-88	19 A	851.1
03L020	954.3	31-Mar-89	21 A	849.3	03L027	966.5	21-Sep-88	19 A	850.8
03L020	954.3	07-Jul-89	23 A	848.1	03L027	966.5	14-Oct-88	20 A	850.5
03L020	954.3	05-Aug-89	23 F	847.8	03L027	966.5	23-Nov-88	20 F	850.9
03L020	954.3	05-Oct-89	24 A	847.1	03L027	966.5	02-Dec-88	20 A	851.2
03L020	954.3	04-Nov-89	24 F	848.2	03L027	966.5	13-Jan-89	21 A	851.5
03L020	954.3	21-Dec-89	24 A	846.6	03L027	966.5	31-Mar-89	21 A	849.6
03L020	954.3	11-Jan-90	25 A	846.6	03L027	966.5	05-Aug-89	23 F	842.1
03L020	954.3	16-May-90	26 A	846.6	03L027	966.5	05-Oct-89	24 A	847.4
03L020	954.3	16-Jul-90	27 A	846.4	03L027	966.5	04-Nov-89	24 F	847.3
03L021	943.9	24-Nov-87	16 A	852.5	03L027	966.5	21-Dec-89	24 A	847.1
03L021	943.9	14-Dec-87	16 A	852.4	03L027	966.5	11-Jan-90	25 A	846.9
03L021	943.9	15-Dec-87	16 F	852.3	03L027	966.5	16-May-90	26 A	846.9
03L021	943.9	11-Jan-88	17 A	852.6	03L028	956.3	17-Nov-87	16 A	854.2
03L021	943.9	28-Jan-88	17 F	852.5	03L028	956.3	30-Nov-87	16 A	854.1
03L021	943.9	14-Apr-88	18 F	854.2	03L028	956.3	14-Dec-87	16 F	854.3
03L021	943.9	02-May-88	18 A	852.9	03L028	956.3	14-Dec-87	16 A	854.1
03L021	943.9	20-May-88	18 A	852.3	03L028	956.3	11-Jan-88	17 A	854.3
03L021	943.9	23-Jun-88	18 A	851.4	03L028	956.3	27-Jan-88	17 F	854.4
03L021	943.9	27-Jul-88	19 A	850.0	03L028	956.3	14-Apr-88	18 F	855.5
03L021	943.9	30-Aug-88	19 F	849.1	03L028	956.3	02-May-88	18 A	854.6
03L021	943.9	01-Sep-88	19 A	849.1	03L028	956.3	20-May-88	18 A	854.1
03L021	943.9	21-Sep-88	19 A	848.9	03L028	956.3	23-Jun-88	18 A	853.2
03L021	943.9	14-Oct-88	20 A	848.5	03L028	956.3	27-Jul-88	19 A	851.2
03L021	943.9	23-Nov-88	20 F	849.5	03L028	956.3	30-Aug-88	19 F	851.0
03L021	943.9	02-Dec-88	20 A	849.7	03L028	956.3	01-Sep-88	19 A	850.6
03L021	943.9	13-Jan-89	21 A	849.5	03L028	956.3	21-Sep-88	19 A	850.3
03L021	943.9	31-Mar-89	21 A	846.9	03L028	956.3	14-Oct-88	20 A	850.1
03L021	943.9	05-Aug-89	23 F	845.2	03L028	956.3	23-Nov-88	20 F	851.0
03L021	943.9	05-Oct-89	24 A	844.9	03L028	956.3	02-Dec-88	20 A	850.6
03L021	943.9	04-Nov-89	24 F	844.7	03L028	956.3	13-Jan-89	21 A	850.8
03L021	943.9	21-Dec-89	24 A	844.3	03L028	956.3	31-Mar-89	21 A	848.9
03L021	943.9	11-Jan-90	25 A	844.2	03L028	956.3	05-Aug-89	23 F	847.8
03L021	943.9	16-May-90	26 A	844.2	03L028	956.3	05-Oct-89	24 A	846.8
03L027	966.5	17-Nov-87	16 A	854.8	03L028	956.3	02-Nov-89	24 F	846.9
03L027	966.5	24-Nov-87	16 A	854.6	03L028	956.3	21-Dec-89	24 A	846.5
03L027	966.5	30-Nov-87	16 A	854.7	03L028	956.3	11-Jan-90	25 A	846.3
03L027	966.5	14-Dec-87	16 A	854.6	03L028	956.3	16-May-90	26 A	846.2
03L027	966.5	11-Jan-88	17 A	854.8	03L029	954.3	30-Nov-87	16 A	853.4

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03L029	954.3	14-Dec-87	16 A	853.4	03L078	927.4	17-Nov-87	16 A	850.5
03L029	954.3	15-Dec-87	16 F	853.4	03L078	927.4	24-Nov-87	16 A	850.3
03L029	954.3	11-Jan-88	17 A	853.7	03L078	927.4	30-Nov-87	16 A	850.4
03L029	954.3	27-Jan-88	17 F	853.4	03L078	927.4	14-Dec-87	16 F	850.3
03L029	954.3	14-Apr-88	18 F	854.9	03L078	927.4	14-Dec-87	16 A	850.2
03L029	954.3	02-May-88	18 A	853.9	03L078	927.4	11-Jan-88	17 A	850.7
03L029	954.3	20-May-88	18 A	853.4	03L078	927.4	27-Jan-88	17 F	850.6
03L029	954.3	23-Jun-88	18 A	852.7	03L078	927.4	13-Apr-88	18 F	853.5
03L029	954.3	27-Jul-88	19 A	851.1	03L078	927.4	02-May-88	18 A	850.9
03L029	954.3	30-Aug-88	19 F	850.2	03L078	927.4	20-May-88	18 A	850.3
03L029	954.3	01-Sep-88	19 A	849.9	03L078	927.4	23-Jun-88	18 A	849.6
03L029	954.3	21-Sep-88	19 A	849.8	03L078	927.4	27-Jul-88	19 A	848.2
03L029	954.3	14-Oct-88	20 A	849.5	03L078	927.4	30-Aug-88	19 F	847.4
03L029	954.3	23-Nov-88	20 F	850.2	03L078	927.4	01-Sep-88	19 A	848.1
03L029	954.3	02-Dec-88	20 A	850.1	03L078	927.4	21-Sep-88	19 A	847.9
03L029	954.3	13-Jan-89	21 A	850.2	03L078	927.4	14-Oct-88	20 A	847.0
03L029	954.3	31-Mar-89	21 A	847.7	03L078	927.4	23-Nov-88	20 F	848.9
03L029	954.3	05-Oct-89	24 A	845.7	03L078	927.4	02-Dec-88	20 A	848.9
03L029	954.3	21-Dec-89	24 A	845.5	03L078	927.4	13-Jan-89	21 A	848.0
03L029	954.3	11-Jan-90	25 A	957.0	03L078	927.4	31-Mar-89	21 A	844.6
03L029	954.3	16-May-90	26 A	845.2	03L078	927.4	05-Aug-89	23 F	843.1
03L077	911.9	17-Nov-87	16 A	848.9	03L078	927.4	05-Oct-89	24 A	842.8
03L077	911.9	24-Nov-87	16 A	848.7	03L078	927.4	02-Nov-89	24 F	842.5
03L077	911.9	30-Nov-87	16 A	849.9	03L078	927.4	21-Dec-89	24 A	842.2
03L077	911.9	14-Dec-87	16 F	848.5	03L078	927.4	11-Jan-90	25 A	841.9
03L077	911.9	14-Dec-87	16 A	848.7	03L078	927.4	16-May-90	26 A	841.8
03L077	911.9	11-Jan-88	17 A	848.9	03L079	923.3	17-Nov-87	16 A	850.6
03L077	911.9	27-Jan-88	17 F	848.7	03L079	923.3	24-Nov-87	16 A	851.3
03L077	911.9	13-Apr-88	18 F	852.7	03L079	923.3	30-Nov-87	16 A	850.6
03L077	911.9	02-May-88	18 A	849.1	03L079	923.3	14-Dec-87	16 A	850.4
03L077	911.9	20-May-88	18 A	848.5	03L079	923.3	14-Dec-87	16 F	850.0
03L077	911.9	23-Jun-88	18 A	847.1	03L079	923.3	11-Jan-88	17 A	850.7
03L077	911.9	27-Jul-88	19 A	847.4	03L079	923.3	27-Jan-88	17 F	850.1
03L077	911.9	30-Aug-88	19 F	845.2	03L079	923.3	14-Apr-88	18 F	853.2
03L077	911.9	01-Sep-88	19 A	846.5	03L079	923.3	02-May-88	18 A	851.0
03L077	911.9	21-Sep-88	19 A	846.2	03L079	923.3	20-May-88	18 A	850.5
03L077	911.9	14-Oct-88	20 A	845.6	03L079	923.3	23-Jun-88	18 A	849.8
03L077	911.9	23-Nov-88	20 F	847.4	03L079	923.3	27-Jul-88	19 A	848.3
03L077	911.9	02-Dec-88	20 A	847.6	03L079	923.3	30-Aug-88	19 F	846.9
03L077	911.9	13-Jan-89	21 A	847.4	03L079	923.3	01-Sep-88	19 A	847.3
03L077	911.9	31-Mar-89	21 A	843.9	03L079	923.3	21-Sep-88	19 A	848.1
03L077	911.9	05-Aug-89	23 F	840.7	03L079	923.3	14-Oct-88	20 A	846.7
03L077	911.9	05-Oct-89	24 A	840.3	03L079	923.3	23-Nov-88	20 F	848.5
03L077	911.9	02-Nov-89	24 F	840.1	03L079	923.3	02-Dec-88	20 A	849.2
03L077	911.9	21-Dec-89	24 A	839.7	03L079	923.3	13-Jan-89	21 A	847.4
03L077	911.9	11-Jan-90	25 A	839.7	03L079	923.3	31-Mar-89	21 A	844.4
03L077	911.9	16-May-90	26 A	839.8					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03L079	923.3	05-Aug-89	23 F	842.6	03L081	946.5	31-Mar-89	21 A	853.0
03L079	923.3	05-Oct-89	24 A	842.6	03L081	946.5	05-Aug-89	23 F	851.4
03L079	923.3	02-Nov-89	24 F	841.7	03L081	946.5	05-Oct-89	24 A	850.6
03L079	923.3	21-Dec-89	24 A	843.1	03L081	946.5	04-Nov-89	24 F	850.8
03L079	923.3	11-Jan-90	25 A	841.8	03L081	946.5	21-Dec-89	24 A	850.5
03L079	923.3	16-May-90	26 A	841.8	03L081	946.5	11-Jan-90	25 A	850.3
					03L081	946.5	16-May-90	26 A	850.2
03L080	960.8	30-Nov-87	16 A	855.5	03L084	898.2	14-Dec-87	16 F	850.2
03L080	960.8	14-Dec-87	16 F	854.6	03L084	898.2	26-Jan-88	17 F	850.1
03L080	960.8	14-Dec-87	16 A	854.7	03L084	898.2	14-Apr-88	18 F	851.6
03L080	960.8	11-Jan-88	17 A	855.7	03L084	898.2	02-May-88	18 A	850.6
03L080	960.8	27-Jan-88	17 F	855.6	03L084	898.2	20-May-88	18 A	850.0
03L080	960.8	14-Apr-88	18 F	856.3	03L084	898.2	23-Jun-88	18 A	848.3
03L080	960.8	02-May-88	18 A	855.9	03L084	898.2	27-Jul-88	19 A	846.9
03L080	960.8	20-May-88	18 A	855.5	03L084	898.2	30-Aug-88	19 F	847.5
03L080	960.8	23-Jun-88	18 A	854.5	03L084	898.2	01-Sep-88	19 A	846.5
03L080	960.8	27-Jul-88	19 A	853.0	03L084	898.2	21-Sep-88	19 A	846.4
03L080	960.8	30-Aug-88	19 F	851.9	03L084	898.2	14-Oct-88	20 A	846.5
03L080	960.8	01-Sep-88	19 A	851.9	03L084	898.2	23-Nov-88	20 F	847.1
03L080	960.8	21-Sep-88	19 A	851.6	03L084	898.2	02-Dec-88	20 A	847.6
03L080	960.8	14-Oct-88	20 A	851.4	03L084	898.2	31-Mar-89	21 A	844.1
03L080	960.8	23-Nov-88	20 F	851.5	03L084	898.2	05-Aug-89	23 F	842.0
03L080	960.8	02-Dec-88	20 A	851.9	03L084	898.2	05-Oct-89	24 A	842.1
03L080	960.8	13-Jan-89	21 A	852.1	03L084	898.2	02-Nov-89	24 F	842.0
03L080	960.8	31-Mar-89	21 A	850.6	03L084	898.2	21-Dec-89	24 A	841.6
03L080	960.8	05-Aug-89	23 F	849.1	03L084	898.2	11-Jan-90	25 A	841.7
03L080	960.8	05-Oct-89	24 A	848.4	03L084	898.2	16-May-90	26 A	841.8
03L080	960.8	04-Nov-89	24 F	848.2					
03L080	960.8	21-Dec-89	24 A	848.1	03L086	961.0	14-Dec-87	16 F	857.7
03L080	960.8	11-Jan-90	25 A	847.9	03L086	961.0	26-Jan-88	17 F	857.8
03L080	960.8	16-May-90	26 A	847.9	03L086	961.0	14-Apr-88	18 F	858.1
					03L086	961.0	30-Aug-88	19 F	853.9
03L081	946.5	14-Dec-87	16 F	857.5	03L086	961.0	23-Nov-88	20 F	853.6
03L081	946.5	14-Dec-87	16 A	857.4	03L086	961.0	05-Aug-89	23 F	851.5
03L081	946.5	11-Jan-88	17 A	857.7	03L086	961.0	04-Nov-89	24 F	850.9
03L081	946.5	27-Jan-88	17 F	857.7	03L086	961.0	03-May-90	26 F	851.5
03L081	946.5	14-Apr-88	18 F	857.9	03L086	961.0	19-Jul-90	27 F	851.5
03L081	946.5	02-May-88	18 A	857.6					
03L081	946.5	20-May-88	18 A	857.3	03L091	1007.0	14-Dec-87	16 F	857.8
03L081	946.5	23-Jun-88	18 A	855.9	03L091	1007.0	26-Jan-88	17 F	858.0
03L081	946.5	27-Jul-88	19 A	854.4	03L091	1007.0	14-Apr-88	18 F	857.9
03L081	946.5	30-Aug-88	19 F	854.7	03L091	1007.0	30-Aug-88	19 F	853.6
03L081	946.5	01-Sep-88	19 A	853.5	03L091	1007.0	23-Nov-88	20 F	853.4
03L081	946.5	21-Sep-88	19 A	853.2	03L091	1007.0	05-Aug-89	23 F	851.8
03L081	946.5	14-Oct-88	20 A	853.1	03L091	1007.0	02-Nov-89	24 F	851.0
03L081	946.5	23-Nov-88	20 F	853.3	03L091	1007.0	01-May-90	26 F	850.9
03L081	946.5	02-Dec-88	20 A	853.4					
03L081	946.5	13-Jan-89	21 A	853.7					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03L113	974.8	14-Dec-87	16 F	858.2	03L673	879.1	20-May-88	18 A	844.9
03L113	974.8	27-Jan-88	17 F	858.4	03L673	879.1	23-Jun-88	18 A	843.4
03L113	974.8	14-Apr-88	18 F	858.3	03L673	879.1	27-Jul-88	19 A	842.5
03L113	974.8	02-May-88	18 A	861.0	03L673	879.1	30-Aug-88	19 F	823.7
03L113	974.8	20-May-88	18 A	860.6	03L673	879.1	01-Sep-88	19 A	841.6
03L113	974.8	30-Aug-88	19 F	855.0	03L673	879.1	21-Sep-88	19 A	841.3
03L113	974.8	01-Sep-88	19 A	856.7	03L673	879.1	14-Oct-88	20 A	841.6
03L113	974.8	21-Sep-88	19 A	856.5	03L673	879.1	23-Nov-88	20 F	824.3
03L113	974.8	23-Nov-88	20 F	853.8	03L673	879.1	02-Dec-88	20 A	842.0
03L113	974.8	13-Jan-89	21 A	856.7	03L673	879.1	13-Jan-89	21 A	842.3
03L113	974.8	31-Mar-89	21 A	856.7	03L673	879.1	31-Mar-89	21 A	840.4
03L113	974.8	05-Aug-89	23 F	852.7	03L673	879.1	07-Jul-89	23 A	838.6
03L113	974.8	05-Oct-89	24 A	854.2	03L673	879.1	03-Aug-89	23 F	820.7
03L113	974.8	02-Nov-89	24 F	851.4	03L673	879.1	05-Oct-89	24 A	838.3
03L113	974.8	21-Dec-89	24 A	854.1	03L673	879.1	03-Nov-89	24 F	820.0
03L113	974.8	11-Jan-90	25 A	854.0	03L673	879.1	21-Dec-89	24 A	837.7
03L113	974.8	26-Apr-90	26 F	851.0	03L673	879.1	11-Jan-90	25 A	837.9
03L113	974.8	16-May-90	26 A	853.9	03L673	879.1	16-May-90	26 A	837.9
03L113	974.8	19-Jul-90	27 F	851.2	03L673	879.1	16-Jul-90	27 A	837.5
03L137	972.6	02-Nov-89	24 F	850.9	03L802	905.8	17-Nov-87	16 A	851.0
03L137	972.6	24-Apr-90	26 F	850.8	03L802	905.8	24-Nov-87	16 A	851.5
03L137	972.6	18-Jul-90	27 F	850.7	03L802	905.8	30-Nov-87	16 A	851.0
03L137	972.6	19-Sep-90	28 F	850.6	03L802	905.8	14-Dec-87	16 F	853.5
03L138	965.6	02-Nov-89	24 F	850.5	03L802	905.8	14-Dec-87	16 A	850.2
03L138	965.6	24-Apr-90	26 F	850.4	03L802	905.8	11-Jan-88	17 A	851.4
03L138	965.6	18-Jul-90	27 F	850.3	03L802	905.8	26-Jan-88	17 F	851.7
03L138	965.6	19-Sep-90	28 F	850.1	03L802	905.8	13-Apr-88	18 F	854.0
03L306	887.4	30-Aug-88	19 F	829.7	03L802	905.8	02-May-88	18 A	850.8
03L306	887.4	23-Nov-88	20 F	832.7	03L802	905.8	20-May-88	18 A	850.2
03L306	887.4	03-May-89	22 F	829.6	03L802	905.8	20-May-88	18 A	850.2
03L306	887.4	07-Aug-89	23 F	827.8	03L802	905.8	23-Jun-88	18 A	849.4
03L306	887.4	02-Nov-89	24 F	827.8	03L802	905.8	27-Jul-88	19 A	848.7
03L523	995.8	02-Nov-89	24 F	866.4	03L802	905.8	30-Aug-88	19 F	848.6
03L523	995.8	27-Apr-90	26 F	866.8	03L802	905.8	01-Sep-88	19 A	847.0
03L673	879.1	17-Nov-87	16 A	845.3	03L802	905.8	21-Sep-88	19 A	846.6
03L673	879.1	24-Nov-87	16 A	845.0	03L802	905.8	14-Oct-88	20 A	847.1
03L673	879.1	30-Nov-87	16 A	845.3	03L802	905.8	23-Nov-88	20 F	848.3
03L673	879.1	14-Dec-87	16 F	826.8	03L802	905.8	02-Dec-88	20 A	848.1
03L673	879.1	14-Dec-87	16 A	844.8	03L802	905.8	13-Jan-89	21 A	847.2
03L673	879.1	11-Jan-88	17 A	845.0	03L802	905.8	31-Mar-89	21 A	844.9
03L673	879.1	27-Jan-88	17 F	827.0	03L802	905.8	07-Jul-89	23 A	842.9
03L673	879.1	13-Apr-88	18 F	828.4	03L802	905.8	03-Aug-89	23 F	843.1
03L673	879.1	02-May-88	18 A	845.3	03L802	905.8	05-Oct-89	24 A	842.2
					03L802	905.8	03-Nov-89	24 F	842.0
					03L802	905.8	21-Dec-89	24 A	842.3
					03L802	905.8	11-Jan-90	25 A	841.9
					03L802	905.8	16-May-90	26 A	841.7
					03L802	905.8	16-Jul-90	27 A	841.3

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03L806	909.5	17-Nov-87	16 A	848.3	03L809	910.6	10-May-89	22 F	839.6
03L806	909.5	24-Nov-87	16 A	848.8	03L809	910.6	04-Aug-89	23 F	839.8
03L806	909.5	30-Nov-87	16 A	848.2	03L809	910.6	05-Oct-89	24 A	839.2
03L806	909.5	14-Dec-87	16 F	848.0	03L809	910.6	03-Nov-89	24 F	839.3
03L806	909.5	14-Dec-87	16 A	848.2	03L809	910.6	21-Dec-89	24 A	839.0
03L806	909.5	11-Jan-88	17 A	849.0	03L809	910.6	11-Jan-90	25 A	839.2
03L806	909.5	27-Jan-88	17 F	847.9	03L809	910.6	24-Apr-90	26 F	838.2
03L806	909.5	13-Apr-88	18 F	850.4	03L809	910.6	16-May-90	26 A	839.3
03L806	909.5	02-May-88	18 A	848.3	03L809	910.6	20-Jul-90	27 F	838.9
03L806	909.5	20-May-88	18 A	847.7	03L809	910.6	17-Sep-90	28 F	838.4
03L806	909.5	23-Jun-88	18 A	846.2					
03L806	909.5	27-Jul-88	19 A	845.9	03L811	908.2	14-Dec-87	16 F	846.2
03L806	909.5	30-Aug-88	19 F	844.6	03L811	908.2	27-Jan-88	17 F	846.2
03L806	909.5	01-Sep-88	19 A	845.1	03L811	908.2	13-Apr-88	18 F	847.5
03L806	909.5	21-Sep-88	19 A	844.3	03L811	908.2	30-Aug-88	19 F	842.4
03L806	909.5	14-Oct-88	20 A	844.9	03L811	908.2	23-Nov-88	20 F	843.8
03L806	909.5	23-Nov-88	20 F	846.2	03L811	908.2	04-May-89	22 F	838.9
03L806	909.5	02-Dec-88	20 A	846.0	03L811	908.2	04-Aug-89	23 F	839.1
03L806	909.5	13-Jan-89	21 A	845.9	03L811	908.2	03-Nov-89	24 F	838.7
03L806	909.5	31-Mar-89	21 A	842.0	03L811	908.2	26-Apr-90	26 F	838.9
03L806	909.5	07-Jul-89	23 A	840.2					
03L806	909.5	03-Aug-89	23 F	840.4	03L813	869.9	14-Dec-87	16 F	843.6
03L806	909.5	05-Oct-89	24 A	839.8	03L813	869.9	27-Jan-88	17 F	843.7
03L806	909.5	03-Nov-89	24 F	840.0	03L813	869.9	13-Apr-88	18 F	844.6
03L806	909.5	21-Dec-89	24 A	839.3	03L813	869.9	30-Aug-88	19 F	839.6
03L806	909.5	11-Jan-90	25 A	839.5	03L813	869.9	23-Nov-88	20 F	841.1
03L806	909.5	16-May-90	26 A	839.6	03L813	869.9	05-May-89	22 F	835.0
03L806	909.5	16-Jul-90	27 A	839.2	03L813	869.9	04-Aug-89	23 F	837.0
					03L813	869.9	03-Nov-89	24 F	836.8
03L809	910.6	17-Nov-87	16 A	847.5	03L813	869.9	03-May-90	26 F	837.4
03L809	910.6	24-Nov-87	16 A	847.4					
03L809	910.6	30-Nov-87	16 A	847.4	03L822	876.5	14-Dec-87	16 F	837.2
03L809	910.6	14-Dec-87	16 A	847.1	03L822	876.5	26-Jan-88	17 F	837.3
03L809	910.6	11-Jan-88	17 A	848.1	03L822	876.5	13-Apr-88	18 F	837.9
03L809	910.6	26-Jan-88	17 F	847.2	03L822	876.5	30-Aug-88	19 F	833.3
03L809	910.6	13-Apr-88	18 F	848.9	03L822	876.5	23-Nov-88	20 F	834.6
03L809	910.6	02-May-88	18 A	847.4	03L822	876.5	05-May-89	22 F	831.4
03L809	910.6	20-May-88	18 A	846.8	03L822	876.5	04-Aug-89	23 F	830.6
03L809	910.6	23-Jun-88	18 A	845.1	03L822	876.5	03-Nov-89	24 F	831.0
03L809	910.6	27-Jul-88	19 A	844.4	03L822	876.5	25-Apr-90	26 F	831.3
03L809	910.6	30-Aug-88	19 F	843.5					
03L809	910.6	01-Sep-88	19 A	843.9	03L832	884.2	14-Dec-87	16 F	836.1
03L809	910.6	21-Sep-88	19 A	843.3	03L832	884.2	26-Jan-88	17 F	836.3
03L809	910.6	14-Oct-88	20 A	843.8	03L832	884.2	13-Apr-88	18 F	836.6
03L809	910.6	23-Nov-88	20 F	844.9	03L832	884.2	30-Aug-88	19 F	831.8
03L809	910.6	02-Dec-88	20 A	844.6	03L832	884.2	23-Nov-88	20 F	833.3
03L809	910.6	13-Jan-89	21 A	844.6	03L832	884.2	09-May-89	22 F	830.3
03L809	910.6	31-Mar-89	21 A	841.6	03L832	884.2	04-Aug-89	23 F	829.3

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03L832	884.2	03-Nov-89	24 F	829.9	03L856	872.9	06-Aug-89	23 F	834.9
03L832	884.2	25-Apr-90	26 F	830.2	03L856	872.9	03-Nov-89	24 F	835.4
					03L856	872.9	27-Apr-90	26 F	840.0
03L841	910.9	14-Dec-87	16 F	844.3	03L858	996.1	14-Dec-87	16 F	898.6
03L841	910.9	26-Jan-88	17 F	844.4	03L858	996.1	26-Jan-88	17 F	898.6
03L841	910.9	13-Apr-88	18 F	847.3	03L858	996.1	13-Apr-88	18 F	898.6
03L841	910.9	30-Aug-88	19 F	841.0	03L858	996.1	30-Aug-88	19 F	898.2
03L841	910.9	23-Nov-88	20 F	841.8	03L858	996.1	05-May-89	22 F	895.8
03L841	910.9	07-Aug-89	23 F	837.5	03L858	996.1	06-Aug-89	23 F	895.7
03L841	910.9	03-Nov-89	24 F	837.3	03L858	996.1	03-Nov-89	24 F	895.7
03L841	910.9	16-May-90	26 A	837.4					
03L846	887.0	19-Apr-90	26 F	827.5	03L858	996.1	17-Apr-90	26 F	896.1
03L848	903.1	14-Dec-87	16 F	844.8	03L859	900.8	14-Dec-87	16 F	840.6
03L848	903.1	26-Jan-88	17 F	845.0	03L859	900.8	26-Jan-88	17 F	840.9
03L848	903.1	13-Apr-88	18 F	846.1	03L859	900.8	13-Apr-88	18 F	841.8
03L848	903.1	30-Aug-88	19 F	841.7	03L859	900.8	30-Aug-88	19 F	837.4
03L848	903.1	23-Nov-88	20 F	842.2	03L859	900.8	23-Nov-88	20 F	838.1
03L848	903.1	03-May-89	22 F	838.4	03L859	900.8	06-Aug-89	23 F	836.6
03L848	903.1	06-Aug-89	23 F	829.7	03L859	900.8	03-Nov-89	24 F	834.4
03L848	903.1	03-Nov-89	24 F	838.2	03L859	900.8	30-Apr-90	26 F	834.1
03L848	903.1	19-Apr-90	26 F	838.1	03L860	894.1	14-Dec-87	16 F	840.5
03L848	903.1	19-Jul-90	27 F	837.8	03L860	894.1	26-Jan-88	17 F	840.4
03L848	903.1	17-Sep-90	28 F	837.7	03L860	894.1	13-Apr-88	18 F	841.4
					03L860	894.1	30-Aug-88	19 F	837.1
03L853	889.0	14-Dec-87	16 F	838.1	03L860	894.1	23-Nov-88	20 F	838.0
03L853	889.0	26-Jan-88	17 F	838.3	03L860	894.1	06-Aug-89	23 F	835.7
03L853	889.0	13-Apr-88	18 F	838.9	03L860	894.1	03-Nov-89	24 F	834.3
03L853	889.0	30-Aug-88	19 F	834.3	03L860	894.1	19-Apr-90	26 F	834.3
03L853	889.0	23-Nov-88	20 F	835.6					
03L853	889.0	05-May-89	22 F	831.1	03L861	888.6	14-Dec-87	16 F	838.6
03L853	889.0	06-Aug-89	23 F	831.5	03L861	888.6	26-Jan-88	17 F	838.9
03L853	889.0	03-Nov-89	24 F	831.8	03L861	888.6	13-Apr-88	18 F	839.6
03L853	889.0	19-Apr-90	26 F	832.2	03L861	888.6	30-Aug-88	19 F	835.0
03L853	889.0	20-Jul-90	27 F	831.1	03L861	888.6	23-Nov-88	20 F	835.3
					03L861	888.6	06-Aug-89	23 F	833.1
03L854	889.9	14-Dec-87	16 F	840.2	03L861	888.6	30-Apr-90	26 F	832.3
03L854	889.9	26-Jan-88	17 F	840.4					
03L854	889.9	13-Apr-88	18 F	841.2	03M001	888.4	17-Nov-87	16 A	849.9
03L854	889.9	30-Aug-88	19 F	836.8	03M001	888.4	24-Nov-87	16 A	849.4
03L854	889.9	23-Nov-88	20 F	837.4	03M001	888.4	30-Nov-87	16 A	849.8
03L854	889.9	06-Aug-89	23 F	834.3	03M001	888.4	14-Dec-87	16 F	849.5
03L854	889.9	03-Nov-89	24 F	833.7	03M001	888.4	14-Dec-87	16 A	849.6
03L854	889.9	30-Apr-90	26 F	833.7	03M001	888.4	11-Jan-88	17 A	850.0
					03M001	888.4	27-Jan-88	17 F	849.5
03L856	872.9	14-Dec-87	16 F	842.0	03M001	888.4	13-Apr-88	18 F	850.5
03L856	872.9	26-Jan-88	17 F	842.1	03M001	888.4	02-May-88	18 A	849.6
03L856	872.9	13-Apr-88	18 F	842.9	03M001	888.4	20-May-88	18 A	849.0
03L856	872.9	30-Aug-88	19 F	837.9	03M001	888.4	23-Jun-88	18 A	846.5
03L856	872.9	23-Nov-88	20 F	838.5					
03L856	872.9	05-May-89	22 F	836.0					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03M001	888.4	27-Jul-88	19 A	845.6	03M003	942.6	11-Jan-88	17 A	852.4
03M001	888.4	30-Aug-88	19 F	845.3	03M003	942.6	26-Jan-88	17 F	852.5
03M001	888.4	01-Sep-88	19 A	845.1	03M003	942.6	14-Apr-88	18 F	854.3
03M001	888.4	21-Sep-88	19 A	845.1	03M003	942.6	02-May-88	18 A	853.4
03M001	888.4	14-Oct-88	20 A	845.6	03M003	942.6	20-May-88	18 A	852.8
03M001	888.4	23-Nov-88	20 F	846.6	03M003	942.6	23-Jun-88	18 A	852.2
03M001	888.4	02-Dec-88	20 A	846.6	03M003	942.6	27-Jul-88	19 A	850.8
03M001	888.4	13-Jan-89	21 A	846.7	03M003	942.6	30-Aug-88	19 F	849.7
03M001	888.4	31-Mar-89	21 A	844.1	03M003	942.6	01-Sep-88	19 A	849.4
03M001	888.4	05-Aug-89	23 F	841.5	03M003	942.6	21-Sep-88	19 A	849.2
03M001	888.4	05-Oct-89	24 A	841.4	03M003	942.6	14-Oct-88	20 A	848.8
03M001	888.4	02-Nov-89	24 F	841.6	03M003	942.6	23-Nov-88	20 F	849.5
03M001	888.4	21-Dec-89	24 A	841.3	03M003	942.6	02-Dec-88	20 A	849.9
03M001	888.4	11-Jan-90	25 A	841.3	03M003	942.6	13-Jan-89	21 A	849.6
03M001	888.4	16-May-90	26 A	841.6	03M003	942.6	31-Mar-89	21 A	846.4
03M001	888.4	16-Jul-90	27 A	841.4	03M003	942.6	07-Jul-89	23 A	845.0
03M002	919.3	17-Nov-87	16 A	850.7	03M003	942.6	05-Aug-89	23 F	845.2
03M002	919.3	24-Nov-87	16 A	850.4	03M003	942.6	05-Oct-89	24 A	844.4
03M002	919.3	14-Dec-87	16 F	850.3	03M003	942.6	02-Nov-89	24 F	843.7
03M002	919.3	14-Dec-87	16 A	850.4	03M003	942.6	21-Dec-89	24 A	844.4
03M002	919.3	11-Jan-88	17 A	850.7	03M003	942.6	11-Jan-90	25 A	843.9
03M002	919.3	27-Jan-88	17 F	850.5	03M003	942.6	16-May-90	26 A	844.0
03M002	919.3	13-Apr-88	18 F	853.1	03M003	942.6	16-Jul-90	27 A	843.6
03M002	919.3	02-May-88	18 A	851.0	03M004	950.8	17-Nov-87	16 A	855.7
03M002	919.3	20-May-88	18 A	850.5	03M004	950.8	24-Nov-87	16 A	855.4
03M002	919.3	23-Jun-88	18 A	849.5	03M004	950.8	30-Nov-87	16 A	855.6
03M002	919.3	27-Jul-88	19 A	848.4	03M004	950.8	14-Dec-87	16 F	855.4
03M002	919.3	30-Aug-88	19 F	847.9	03M004	950.8	11-Jan-88	17 A	855.8
03M002	919.3	01-Sep-88	19 A	847.9	03M004	950.8	27-Jan-88	17 F	855.6
03M002	919.3	21-Sep-88	19 A	847.6	03M004	950.8	14-Apr-88	18 F	856.3
03M002	919.3	14-Oct-88	20 A	847.1	03M004	950.8	02-May-88	18 A	856.0
03M002	919.3	23-Nov-88	20 F	848.5	03M004	950.8	20-May-88	18 A	855.5
03M002	919.3	02-Dec-88	20 A	848.7	03M004	950.8	23-Jun-88	18 A	854.5
03M002	919.3	13-Jan-89	21 A	848.2	03M004	950.8	27-Jul-88	19 A	853.1
03M002	919.3	31-Mar-89	21 A	844.6	03M004	950.8	30-Aug-88	19 F	852.2
03M002	919.3	07-Jul-89	23 A	843.1	03M004	950.8	01-Sep-88	19 A	852.0
03M002	919.3	05-Aug-89	23 F	842.9	03M004	950.8	21-Sep-88	19 A	851.7
03M002	919.3	05-Oct-89	24 A	842.7	03M004	950.8	14-Oct-88	20 A	851.6
03M002	919.3	02-Nov-89	24 F	842.4	03M004	950.8	23-Nov-88	20 F	851.7
03M002	919.3	21-Dec-89	24 A	842.0	03M004	950.8	02-Dec-88	20 A	851.9
03M002	919.3	11-Jan-90	25 A	841.9	03M004	950.8	13-Jan-89	21 A	852.2
03M002	919.3	16-May-90	26 A	842.0	03M004	950.8	31-Mar-89	21 A	850.7
03M002	919.3	16-Jul-90	27 A	841.8	03M004	950.8	05-Aug-89	23 F	850.2
03M003	942.6	17-Nov-87	16 A	852.8	03M004	950.8	05-Oct-89	24 A	848.5
03M003	942.6	14-Dec-87	16 F	852.4	03M004	950.8	04-Nov-89	24 F	848.4
03M003	942.6	14-Dec-87	16 A	852.5	03M004	950.8	21-Dec-89	24 A	848.2
					03M004	950.8	11-Jan-90	25 A	848.0

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03M004	950.8	16-May-90	26 A	847.9	03M007	900.8	16-May-90	26 A	852.5
03M005	971.6	14-Dec-87	16 F	856.7	03M007	900.8	16-Jul-90	27 A	852.4
03M005	971.6	26-Jan-88	17 F	856.8	03M007	900.8	19-Jul-90	27 F	852.5
03M005	971.6	14-Apr-88	18 F	857.1	03M010	888.9	24-Nov-87	16 A	865.5
03M005	971.6	02-May-88	18 A	857.7	03M010	888.9	14-Dec-87	16 A	865.8
03M005	971.6	20-May-88	18 A	857.3	03M010	888.9	11-Jan-88	17 A	866.2
03M005	971.6	23-Jun-88	18 A	856.5	03M010	888.9	26-Jan-88	17 F	866.2
03M005	971.6	27-Jul-88	19 A	854.5	03M010	888.9	13-Apr-88	18 F	865.9
03M005	971.6	30-Aug-88	19 F	853.2	03M010	888.9	02-May-88	18 A	864.9
03M005	971.6	01-Sep-88	19 A	853.6	03M010	888.9	20-May-88	18 A	864.5
03M005	971.6	21-Sep-88	19 A	853.3	03M010	888.9	23-Jun-88	18 A	859.1
03M005	971.6	14-Oct-88	20 A	853.8	03M010	888.9	27-Jul-88	19 A	857.6
03M005	971.6	23-Nov-88	20 F	852.6	03M010	888.9	30-Aug-88	19 F	859.5
03M005	971.6	02-Dec-88	20 A	853.0	03M010	888.9	01-Sep-88	19 A	859.5
03M005	971.6	13-Jan-89	21 A	853.5	03M010	888.9	21-Sep-88	19 A	860.0
03M005	971.6	31-Mar-89	21 A	853.2	03M010	888.9	14-Oct-88	20 A	860.9
03M005	971.6	05-Aug-89	23 F	850.5	03M010	888.9	23-Nov-88	20 F	861.7
03M005	971.6	05-Oct-89	24 A	851.3	03M010	888.9	02-Dec-88	20 A	861.7
03M005	971.6	02-Nov-89	24 F	849.9	03M010	888.9	13-Jan-89	21 A	861.9
03M005	971.6	21-Dec-89	24 A	850.8	03M010	888.9	31-Mar-89	21 A	862.9
03M005	971.6	11-Jan-90	25 A	850.7	03M010	888.9	05-Aug-89	23 F	858.2
03M005	971.6	24-Apr-90	26 F	850.4	03M010	888.9	05-Oct-89	24 A	859.3
03M005	971.6	16-May-90	26 A	850.5	03M010	888.9	02-Nov-89	24 F	859.9
03M007	900.8	24-Nov-87	16 A	859.4	03M010	888.9	21-Dec-89	24 A	860.3
03M007	900.8	14-Dec-87	16 A	859.6	03M010	888.9	11-Jan-90	25 A	860.5
03M007	900.8	14-Dec-87	16 F	859.7	03M010	888.9	27-Apr-90	26 F	860.1
03M007	900.8	11-Jan-88	17 A	860.1	03M012	880.1	17-Nov-87	16 A	859.8
03M007	900.8	13-Apr-88	18 F	860.3	03M012	880.1	24-Nov-87	16 A	859.6
03M007	900.8	02-May-88	18 A	859.7	03M012	880.1	14-Dec-87	16 A	859.9
03M007	900.8	20-May-88	18 A	859.4	03M012	880.1	11-Jan-88	17 A	860.2
03M007	900.8	23-Jun-88	18 A	857.0	03M012	880.1	27-Jan-88	17 F	860.0
03M007	900.8	27-Jul-88	19 A	855.5	03M012	880.1	13-Apr-88	18 F	859.8
03M007	900.8	30-Aug-88	19 F	855.2	03M012	880.1	02-May-88	18 A	859.4
03M007	900.8	01-Sep-88	19 A	855.1	03M012	880.1	20-May-88	18 A	858.9
03M007	900.8	21-Sep-88	19 A	854.8	03M012	880.1	23-Jun-88	18 A	854.7
03M007	900.8	14-Oct-88	20 A	855.2	03M012	880.1	27-Jul-88	19 A	853.6
03M007	900.8	23-Nov-88	20 F	855.6	03M012	880.1	30-Aug-88	19 F	854.4
03M007	900.8	02-Dec-88	20 A	855.7	03M012	880.1	01-Sep-88	19 A	854.4
03M007	900.8	13-Jan-89	21 A	856.0	03M012	880.1	21-Sep-88	19 A	854.6
03M007	900.8	31-Mar-89	21 A	855.5	03M012	880.1	14-Oct-88	20 A	855.3
03M007	900.8	05-Aug-89	23 F	853.0	03M012	880.1	23-Nov-88	20 F	855.8
03M007	900.8	05-Oct-89	24 A	852.8	03M012	880.1	02-Dec-88	20 A	855.9
03M007	900.8	02-Nov-89	24 F	852.9	03M012	880.1	13-Jan-89	21 A	856.3
03M007	900.8	21-Dec-89	24 A	852.9	03M012	880.1	31-Mar-89	21 A	856.6
03M007	900.8	11-Jan-90	25 A	852.8	03M012	880.1	06-Aug-89	23 F	852.8
03M007	900.8	23-Apr-90	26 F	852.4	03M012	880.1	05-Oct-89	24 A	853.2

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03M012	880.1	02-Nov-89	24 F	853.5	03M017	938.9	05-Aug-89	23 F	847.3
03M012	880.1	21-Dec-89	24 A	853.9	03M017	938.9	05-Oct-89	24 A	847.0
03M012	880.1	11-Jan-90	25 A	854.1	03M017	938.9	04-Nov-89	24 F	846.8
03M012	880.1	16-May-90	26 A	853.7	03M017	938.9	21-Dec-89	24 A	846.4
03M012	880.1	16-Jul-90	27 A	853.7	03M017	938.9	11-Jan-90	25 A	846.3
					03M017	938.9	16-May-90	26 A	846.4
03M013	889.9	17-Nov-87	16 A	852.8	03M020	954.5	17-Nov-87	16 A	854.5
03M013	889.9	24-Nov-87	16 A	852.4	03M020	954.5	24-Nov-87	16 A	854.4
03M013	889.9	14-Dec-87	16 A	852.6	03M020	954.5	30-Nov-87	16 A	854.4
03M013	889.9	11-Jan-88	17 A	852.9	03M020	954.5	14-Dec-87	16 F	854.3
03M013	889.9	27-Jan-88	17 F	852.6	03M020	954.5	11-Jan-88	17 A	854.5
03M013	889.9	13-Apr-88	18 F	852.7	03M020	954.5	27-Jan-88	17 F	854.6
03M013	889.9	02-May-88	18 A	852.5	03M020	954.5	14-Apr-88	18 F	855.4
03M013	889.9	20-May-88	18 A	851.9	03M020	954.5	02-May-88	18 A	854.8
03M013	889.9	23-Jun-88	18 A	849.1	03M020	954.5	20-May-88	18 A	854.3
03M013	889.9	27-Jul-88	19 A	847.9	03M020	954.5	23-Jun-88	18 A	853.3
03M013	889.9	30-Aug-88	19 F	848.1	03M020	954.5	27-Jul-88	19 A	851.9
03M013	889.9	01-Sep-88	19 A	847.9	03M020	954.5	30-Aug-88	19 F	850.8
03M013	889.9	21-Sep-88	19 A	847.9	03M020	954.5	01-Sep-88	19 A	850.7
03M013	889.9	14-Oct-88	20 A	848.4	03M020	954.5	21-Sep-88	19 A	850.6
03M013	889.9	23-Nov-88	20 F	849.0	03M020	954.5	14-Oct-88	20 A	850.3
03M013	889.9	02-Dec-88	20 A	849.0	03M020	954.5	23-Nov-88	20 F	850.2
03M013	889.9	13-Jan-89	21 A	849.6	03M020	954.5	02-Dec-88	20 A	850.9
03M013	889.9	31-Mar-89	21 A	848.0	03M020	954.5	13-Jan-89	21 A	851.0
03M013	889.9	05-Aug-89	23 F	845.1	03M020	954.5	31-Mar-89	21 A	849.2
03M013	889.9	05-Oct-89	24 A	845.2	03M020	954.5	07-Jul-89	23 A	848.0
03M013	889.9	02-Nov-89	24 F	845.4	03M020	954.5	05-Aug-89	23 F	847.7
03M013	889.9	21-Dec-89	24 A	845.5	03M020	954.5	05-Oct-89	24 A	847.0
03M013	889.9	11-Jan-90	25 A	845.7	03M020	954.5	04-Nov-89	24 F	847.0
03M013	889.9	16-May-90	26 A	845.5	03M020	954.5	21-Dec-89	24 A	846.7
					03M020	954.5	11-Jan-90	25 A	846.5
03M017	938.9	17-Nov-87	16 A	854.3	03M020	954.5	16-May-90	26 A	846.5
03M017	938.9	24-Nov-87	16 A	854.0	03M020	954.5	16-Jul-90	27 A	846.3
03M017	938.9	11-Jan-88	17 A	854.3					
03M017	938.9	27-Jan-88	17 F	854.3	03M505	957.3	15-Dec-87	16 F	858.8
03M017	938.9	13-Apr-88	18 F	855.0	03M505	957.3	28-Jan-88	17 F	859.0
03M017	938.9	02-May-88	18 A	854.5	03M505	957.3	14-Apr-88	18 F	859.2
03M017	938.9	20-May-88	18 A	854.0	03M505	957.3	30-Aug-88	19 F	854.2
03M017	938.9	23-Jun-88	18 A	852.7					
03M017	938.9	27-Jul-88	19 A	851.3	03M509	958.0	05-Aug-89	23 F	878.5
03M017	938.9	30-Aug-88	19 F	850.5					
03M017	938.9	01-Sep-88	19 A	850.2	03M713	895.8	02-Dec-88	20 A	846.5
03M017	938.9	21-Sep-88	19 A	850.2	03M713	895.8	13-Jan-89	21 A	846.5
03M017	938.9	14-Oct-88	20 A	850.0	03M713	895.8	31-Mar-89	21 A	842.2
03M017	938.9	23-Nov-88	20 F	850.5	03M713	895.8	07-Jul-89	23 A	840.3
03M017	938.9	02-Dec-88	20 A	850.7	03M713	895.8	05-Oct-89	24 A	840.1
03M017	938.9	13-Jan-89	21 A	851.0	03M713	895.8	21-Dec-89	24 A	839.6
03M017	938.9	31-Mar-89	21 A	849.1					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03M713	895.8	11-Jan-90	25 A	839.7	03M806	909.9	02-Dec-88	20 A	846.1
03M713	895.8	16-May-90	26 A	839.9	03M806	909.9	13-Jan-89	21 A	846.0
03M713	895.8	16-Jul-90	27 A	839.7	03M806	909.9	31-Mar-89	21 A	842.1
03M802	905.8	17-Nov-87	16 A	851.1	03M806	909.9	06-Aug-89	23 F	840.4
03M802	905.8	24-Nov-87	16 A	851.4	03M806	909.9	05-Oct-89	24 A	839.8
03M802	905.8	30-Nov-87	16 A	851.1	03M806	909.9	03-Nov-89	24 F	840.0
03M802	905.8	14-Dec-87	16 A	851.6	03M806	909.9	21-Dec-89	24 A	839.3
03M802	905.8	14-Dec-87	16 F	850.1	03M806	909.9	11-Jan-90	25 A	839.6
03M802	905.8	11-Jan-88	17 A	850.5	03M806	909.9	16-May-90	26 A	839.6
03M802	905.8	13-Apr-88	18 F	849.7	03M806	909.9	16-Jul-90	27 A	839.2
03M802	905.8	02-May-88	18 A	851.1	03M843	884.5	14-Dec-87	16 F	837.9
03M802	905.8	20-May-88	18 A	850.4	03M843	884.5	26-Jan-88	17 F	838.1
03M802	905.8	23-Jun-88	18 A	850.1	03M843	884.5	13-Apr-88	18 F	838.7
03M802	905.8	27-Jul-88	19 A	848.7	03M843	884.5	30-Aug-88	19 F	834.1
03M802	905.8	30-Aug-88	19 F	846.8	03M843	884.5	23-Nov-88	20 F	835.4
03M802	905.8	01-Sep-88	19 A	847.4	03M843	884.5	05-May-89	22 F	831.9
03M802	905.8	21-Sep-88	19 A	847.1	03M843	884.5	06-Aug-89	23 F	831.3
03M802	905.8	14-Oct-88	20 A	846.9	03M843	884.5	03-Nov-89	24 F	831.7
03M802	905.8	23-Nov-88	20 F	847.7	03M843	884.5	25-Apr-90	26 F	832.0
03M802	905.8	02-Dec-88	20 A	848.4	03M848	903.1	14-Dec-87	16 F	845.2
03M802	905.8	13-Jan-89	21 A	847.4	03M848	903.1	26-Jan-88	17 F	844.3
03M802	905.8	31-Mar-89	21 A	843.7	03M848	903.1	13-Apr-88	18 F	845.4
03M802	905.8	06-Aug-89	23 F	843.5	03M848	903.1	30-Aug-88	19 F	841.1
03M802	905.8	05-Oct-89	24 A	842.5	03M848	903.1	23-Nov-88	20 F	841.5
03M802	905.8	03-Nov-89	24 F	837.2	03M848	903.1	06-Aug-89	23 F	838.0
03M802	905.8	21-Dec-89	24 A	842.4	03M848	903.1	03-Nov-89	24 F	837.7
03M802	905.8	11-Jan-90	25 A	842.0	03M848	903.1	19-Jul-90	27 F	837.2
03M802	905.8	16-May-90	26 A	841.6	03M848	903.1	17-Sep-90	28 F	836.6
03M802	905.8	16-Jul-90	27 A	841.3	03U001	888.2	17-Nov-87	16 A	849.8
03M806	909.9	17-Nov-87	16 A	848.3	03U001	888.2	24-Nov-87	16 A	849.4
03M806	909.9	24-Nov-87	16 A	848.7	03U001	888.2	30-Nov-87	16 A	849.8
03M806	909.9	30-Nov-87	16 A	848.2	03U001	888.2	14-Dec-87	16 F	849.5
03M806	909.9	14-Dec-87	16 A	848.0	03U001	888.2	11-Jan-88	17 A	849.8
03M806	909.9	14-Dec-87	16 F	848.1	03U001	888.2	13-Apr-88	18 F	850.4
03M806	909.9	11-Jan-88	17 A	849.2	03U001	888.2	02-May-88	18 A	849.5
03M806	909.9	27-Jan-88	17 F	848.0	03U001	888.2	20-May-88	18 A	848.9
03M806	909.9	13-Apr-88	18 F	850.5	03U001	888.2	23-Jun-88	18 A	846.3
03M806	909.9	02-May-88	18 A	848.4	03U001	888.2	27-Jul-88	19 A	845.2
03M806	909.9	20-May-88	18 A	847.8	03U001	888.2	30-Aug-88	19 F	845.3
03M806	909.9	23-Jun-88	18 A	846.2	03U001	888.2	01-Sep-88	19 A	844.9
03M806	909.9	27-Jul-88	19 A	846.0	03U001	888.2	21-Sep-88	19 A	845.0
03M806	909.9	30-Aug-88	19 F	844.7	03U001	888.2	14-Oct-88	20 A	845.5
03M806	909.9	01-Sep-88	19 A	845.2	03U001	888.2	22-Nov-88	20 F	846.6
03M806	909.9	21-Sep-88	19 A	844.3	03U001	888.2	02-Dec-88	20 A	846.5
03M806	909.9	14-Oct-88	20 A	844.9	03U001	888.2	13-Jan-89	21 A	846.6
03M806	909.9	23-Nov-88	20 F	846.3					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE I  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U001	888.2	31-Mar-89	21 A	844.2	03U003	942.6	23-Jun-88	18 A	852.4
03U001	888.2	05-Aug-89	23 F	841.6	03U003	942.6	27-Jul-88	19 A	850.9
03U001	888.2	05-Oct-89	24 A	841.5	03U003	942.6	30-Aug-88	19 F	849.7
03U001	888.2	02-Nov-89	24 F	841.7	03U003	942.6	01-Sep-88	19 A	849.5
03U001	888.2	21-Dec-89	24 A	841.5	03U003	942.6	21-Sep-88	19 A	849.2
03U001	888.2	11-Jan-90	25 A	841.5	03U003	942.6	14-Oct-88	20 A	848.8
03U001	888.2	16-May-90	26 A	841.8	03U003	942.6	22-Nov-88	20 F	849.4
03U001	888.2	16-Jul-90	27 A	841.4	03U003	942.6	02-Dec-88	20 A	849.8
03U002	917.8	17-Nov-87	16 A	851.4	03U003	942.6	13-Jan-89	21 A	849.7
03U002	917.8	24-Nov-87	16 A	851.0	03U003	942.6	31-Mar-89	21 A	846.8
03U002	917.8	30-Nov-87	16 A	851.1	03U003	942.6	07-Jul-89	23 A	845.5
03U002	917.8	14-Dec-87	16 A	850.8	03U003	942.6	05-Aug-89	23 F	845.7
03U002	917.8	14-Dec-87	16 F	850.9	03U003	942.6	05-Oct-89	24 A	844.9
03U002	917.8	11-Jan-88	17 A	851.3	03U003	942.6	21-Dec-89	24 A	844.5
03U002	917.8	27-Jan-88	17 F	851.1	03U003	942.6	11-Jan-90	25 A	844.2
03U002	917.8	13-Apr-88	18 F	853.1	03U003	942.6	16-May-90	26 A	844.2
03U002	917.8	02-May-88	18 A	851.6	03U003	942.6	16-Jul-90	27 A	843.8
03U002	917.8	20-May-88	18 A	850.9	03U004	950.5	17-Nov-87	16 A	856.1
03U002	917.8	23-Jun-88	18 A	850.3	03U004	950.5	24-Nov-87	16 A	855.9
03U002	917.8	27-Jul-88	19 A	849.0	03U004	950.5	30-Nov-87	16 A	856.0
03U002	917.8	30-Aug-88	19 F	847.7	03U004	950.5	14-Dec-87	16 A	855.8
03U002	917.8	01-Sep-88	19 A	847.6	03U004	950.5	11-Jan-88	17 A	855.9
03U002	917.8	21-Sep-88	19 A	847.3	03U004	950.5	27-Jan-88	17 F	856.0
03U002	917.8	14-Oct-88	20 A	847.2	03U004	950.5	14-Apr-88	18 F	856.6
03U002	917.8	22-Nov-88	20 F	848.4	03U004	950.5	02-May-88	18 A	856.4
03U002	917.8	02-Dec-88	20 A	848.7	03U004	950.5	20-May-88	18 A	856.0
03U002	917.8	13-Jan-89	21 A	849.7	03U004	950.5	23-Jun-88	18 A	855.0
03U002	917.8	31-Mar-89	21 A	845.4	03U004	950.5	27-Jul-88	19 A	853.6
03U002	917.8	07-Jul-89	23 A	844.2	03U004	950.5	30-Aug-88	19 F	852.7
03U002	917.8	05-Aug-89	23 F	843.9	03U004	950.5	01-Sep-88	19 A	852.4
03U002	917.8	05-Oct-89	24 A	843.5	03U004	950.5	21-Sep-88	19 A	852.2
03U002	917.8	02-Nov-89	24 F	843.2	03U004	950.5	14-Oct-88	20 A	851.9
03U002	917.8	21-Dec-89	24 A	842.7	03U004	950.5	22-Nov-88	20 F	852.0
03U002	917.8	11-Jan-90	25 A	842.6	03U004	950.5	02-Dec-88	20 A	852.2
03U002	917.8	16-May-90	26 A	842.7	03U004	950.5	13-Jan-89	21 A	852.5
03U002	917.8	16-Jul-90	27 A	842.5	03U004	950.5	31-Mar-89	21 A	851.2
03U003	942.6	17-Nov-87	16 A	852.9	03U004	950.5	05-Aug-89	23 F	849.8
03U003	942.6	24-Nov-87	16 A	852.5	03U004	950.5	05-Oct-89	24 A	849.0
03U003	942.6	30-Nov-87	16 A	852.6	03U004	950.5	04-Nov-89	24 F	848.9
03U003	942.6	14-Dec-87	16 A	852.5	03U004	950.5	21-Dec-89	24 A	848.7
03U003	942.6	14-Dec-87	16 F	852.4	03U004	950.5	11-Jan-90	25 A	848.5
03U003	942.6	11-Jan-88	17 A	852.3	03U004	950.5	16-May-90	26 A	848.4
03U003	942.6	26-Jan-88	17 F	852.5	03U005	970.1	30-Nov-87	16 A	857.2
03U003	942.6	14-Apr-88	18 F	854.2	03U005	970.1	14-Dec-87	16 A	857.1
03U003	942.6	02-May-88	18 A	853.5	03U005	970.1	14-Dec-87	16 F	857.2
03U003	942.6	20-May-88	18 A	852.8	03U005	970.1	11-Jan-88	17 A	857.7

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U005	970.1	26-Jan-88	17 F	857.2	03U007	900.1	24-Nov-87	16 A	859.5
03U005	970.1	14-Apr-88	18 F	857.6	03U007	900.1	30-Nov-87	16 A	860.0
03U005	970.1	02-May-88	18 A	857.4	03U007	900.1	14-Dec-87	16 F	859.7
03U005	970.1	20-May-88	18 A	857.0	03U007	900.1	11-Jan-88	17 A	860.2
03U005	970.1	23-Jun-88	18 A	855.9	03U007	900.1	26-Jan-88	17 F	859.9
03U005	970.1	27-Jul-88	19 A	854.3	03U007	900.1	13-Apr-88	18 F	860.3
03U005	970.1	30-Aug-88	19 F	853.7	03U007	900.1	02-May-88	18 A	859.8
03U005	970.1	01-Sep-88	19 A	853.4	03U007	900.1	20-May-88	18 A	859.4
03U005	970.1	21-Sep-88	19 A	853.1	03U007	900.1	23-Jun-88	18 A	857.0
03U005	970.1	14-Oct-88	20 A	853.2	03U007	900.1	27-Jul-88	19 A	855.5
03U005	970.1	22-Nov-88	20 F	853.2	03U007	900.1	30-Aug-88	19 F	855.2
03U005	970.1	02-Dec-88	20 A	852.8	03U007	900.1	01-Sep-88	19 A	855.2
03U005	970.1	13-Jan-89	21 A	853.2	03U007	900.1	21-Sep-88	19 A	854.9
03U005	970.1	31-Mar-89	21 A	852.5	03U007	900.1	14-Oct-88	20 A	855.3
03U005	970.1	05-Aug-89	23 F	851.0	03U007	900.1	22-Nov-88	20 F	855.6
03U005	970.1	05-Oct-89	24 A	850.7	03U007	900.1	02-Dec-88	20 A	855.7
03U005	970.1	03-Nov-89	24 F	850.4	03U007	900.1	13-Jan-89	21 A	856.0
03U005	970.1	21-Dec-89	24 A	850.1	03U007	900.1	31-Mar-89	21 A	855.5
03U005	970.1	11-Jan-90	25 A	850.0	03U007	900.1	07-Jul-89	23 A	853.8
03U005	970.1	24-Apr-90	26 F	850.0	03U007	900.1	05-Aug-89	23 F	853.0
03U005	970.1	16-May-90	26 A	849.8	03U007	900.1	05-Oct-89	24 A	852.9
					03U007	900.1	02-Nov-89	24 F	852.9
03U006	966.6	24-Nov-87	16 A	858.1	03U007	900.1	21-Dec-89	24 A	853.0
03U006	966.6	30-Nov-87	16 A	858.6	03U007	900.1	11-Jan-90	25 A	852.9
03U006	966.6	14-Dec-87	16 A	858.3	03U007	900.1	23-Apr-90	26 F	852.7
03U006	966.6	11-Jan-88	17 A	859.0	03U007	900.1	16-May-90	26 A	852.6
03U006	966.6	26-Jan-88	17 F	858.5	03U007	900.1	16-Jul-90	27 A	852.4
03U006	966.6	13-Apr-88	18 F	859.1	03U007	900.1	19-Jul-90	27 F	852.5
03U006	966.6	02-May-88	18 A	858.9					
03U006	966.6	20-May-88	18 A	858.5	03U008	914.8	24-Nov-87	16 A	863.7
03U006	966.6	23-Jun-88	18 A	857.4	03U008	914.8	30-Nov-87	16 A	864.1
03U006	966.6	27-Jul-88	19 A	856.1	03U008	914.8	14-Dec-87	16 F	864.1
03U006	966.6	30-Aug-88	19 F	854.9	03U008	914.8	14-Dec-87	16 A	864.0
03U006	966.6	01-Sep-88	19 A	855.0	03U008	914.8	11-Jan-88	17 A	864.6
03U006	966.6	21-Sep-88	19 A	854.3	03U008	914.8	26-Jan-88	17 F	864.4
03U006	966.6	14-Oct-88	20 A	854.6	03U008	914.8	13-Apr-88	18 F	864.4
03U006	966.6	22-Nov-88	20 F	854.4	03U008	914.8	02-May-88	18 A	863.6
03U006	966.6	02-Dec-88	20 A	854.4	03U008	914.8	20-May-88	18 A	862.9
03U006	966.6	13-Jan-89	21 A	854.7	03U008	914.8	23-Jun-88	18 A	858.5
03U006	966.6	31-Mar-89	21 A	854.0	03U008	914.8	27-Jul-88	19 A	856.7
03U006	966.6	05-Aug-89	23 F	852.7	03U008	914.8	30-Aug-88	19 F	857.7
03U006	966.6	05-Oct-89	24 A	851.8	03U008	914.8	01-Sep-88	19 A	857.8
03U006	966.6	02-Nov-89	24 F	851.5	03U008	914.8	21-Sep-88	19 A	858.1
03U006	966.6	21-Dec-89	24 A	851.5	03U008	914.8	14-Oct-88	20 A	859.0
03U006	966.6	11-Jan-90	25 A	851.3	03U008	914.8	22-Nov-88	20 F	859.8
03U006	966.6	30-Apr-90	26 F	852.9	03U008	914.8	02-Dec-88	20 A	859.9
03U006	966.6	16-May-90	26 A	851.2	03U008	914.8	13-Jan-89	21 A	860.2
					03U008	914.8	31-Mar-89	21 A	860.9

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE I  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U008	914.8	05-Aug-89	23 F	857.0	03U010	888.3	14-Oct-88	20 A	860.9
03U008	914.8	05-Oct-89	24 A	857.6	03U010	888.3	22-Nov-88	20 F	861.6
03U008	914.8	02-Nov-89	24 F	857.9	03U010	888.3	02-Dec-88	20 A	861.7
03U008	914.8	21-Dec-89	24 A	858.3	03U010	888.3	13-Jan-89	21 A	861.8
03U008	914.8	11-Jan-90	25 A	858.3	03U010	888.3	31-Mar-89	21 A	863.0
03U008	914.8	23-Apr-90	26 F	856.3	03U010	888.3	05-Aug-89	23 F	858.2
03U008	914.8	16-May-90	26 A	857.9	03U010	888.3	05-Oct-89	24 A	859.3
03U009	912.9	24-Nov-87	16 A	865.6	03U010	888.3	02-Nov-89	24 F	859.9
03U009	912.9	30-Nov-87	16 A	866.0	03U010	888.3	21-Dec-89	24 A	860.3
03U009	912.9	14-Dec-87	16 F	866.0	03U010	888.3	11-Jan-90	25 A	860.5
03U009	912.9	14-Dec-87	16 A	865.9	03U010	888.3	27-Apr-90	26 F	860.0
03U009	912.9	11-Jan-88	17 A	866.4	03U010	888.3	16-May-90	26 A	860.1
03U009	912.9	26-Jan-88	17 F	866.2	03U011	900.4	24-Nov-87	16 A	862.9
03U009	912.9	13-Apr-88	18 F	866.0	03U011	900.4	30-Nov-87	16 A	863.2
03U009	912.9	02-May-88	18 A	864.9	03U011	900.4	14-Dec-87	16 F	863.4
03U009	912.9	20-May-88	18 A	864.4	03U011	900.4	11-Jan-88	17 A	863.6
03U009	912.9	23-Jun-88	18 A	859.1	03U011	900.4	13-Apr-88	18 F	862.3
03U009	912.9	27-Jul-88	19 A	857.5	03U011	900.4	02-May-88	18 A	862.8
03U009	912.9	30-Aug-88	19 F	859.4	03U011	900.4	20-May-88	18 A	862.4
03U009	912.9	01-Sep-88	19 A	859.5	03U011	900.4	23-Jun-88	18 A	858.3
03U009	912.9	21-Sep-88	19 A	859.9	03U011	900.4	27-Jul-88	19 A	856.7
03U009	912.9	14-Oct-88	20 A	860.9	03U011	900.4	30-Aug-88	19 F	857.6
03U009	912.9	22-Nov-88	20 F	861.7	03U011	900.4	01-Sep-88	19 A	857.5
03U009	912.9	02-Dec-88	20 A	861.9	03U011	900.4	21-Sep-88	19 A	857.8
03U009	912.9	13-Jan-89	21 A	862.0	03U011	900.4	14-Oct-88	20 A	858.3
03U009	912.9	31-Mar-89	21 A	862.8	03U011	900.4	22-Nov-88	20 F	858.8
03U009	912.9	05-Aug-89	23 F	857.9	03U011	900.4	02-Dec-88	20 A	858.8
03U009	912.9	05-Oct-89	24 A	859.2	03U011	900.4	13-Jan-89	21 A	859.1
03U009	912.9	02-Nov-89	24 F	859.8	03U011	900.4	31-Mar-89	21 A	860.8
03U009	912.9	21-Dec-89	24 A	860.2	03U011	900.4	05-Aug-89	23 F	857.2
03U009	912.9	11-Jan-90	25 A	860.3	03U011	900.4	05-Oct-89	24 A	857.3
03U009	912.9	23-Apr-90	26 F	859.4	03U011	900.4	02-Nov-89	24 F	857.7
03U009	912.9	16-May-90	26 A	859.9	03U011	900.4	21-Dec-89	24 A	858.1
03U010	888.3	24-Nov-87	16 A	865.5	03U011	900.4	11-Jan-90	25 A	858.2
03U010	888.3	30-Nov-87	16 A	865.9	03U011	900.4	27-Apr-90	26 F	858.0
03U010	888.3	14-Dec-87	16 A	865.9	03U011	900.4	16-May-90	26 A	857.8
03U010	888.3	11-Jan-88	17 A	866.3	03U012	880.0	17-Nov-87	16 A	859.7
03U010	888.3	26-Jan-88	17 F	866.1	03U012	880.0	24-Nov-87	16 A	859.6
03U010	888.3	13-Apr-88	18 F	865.9	03U012	880.0	30-Nov-87	16 A	860.0
03U010	888.3	02-May-88	18 A	865.0	03U012	880.0	14-Dec-87	16 A	859.9
03U010	888.3	20-May-88	18 A	864.5	03U012	880.0	11-Jan-88	17 A	860.2
03U010	888.3	23-Jun-88	18 A	859.1	03U012	880.0	27-Jan-88	17 F	860.0
03U010	888.3	27-Jul-88	19 A	857.6	03U012	880.0	13-Apr-88	18 F	859.8
03U010	888.3	30-Aug-88	19 F	859.5	03U012	880.0	02-May-88	18 A	859.4
03U010	888.3	01-Sep-88	19 A	859.5	03U012	880.0	20-May-88	18 A	858.9
03U010	888.3	21-Sep-88	19 A	860.0	03U012	880.0	23-Jun-88	18 A	854.8

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U012	880.0	27-Jul-88	19 A	853.6	03U014	988.2	15-Dec-87	16 F	856.8
03U012	880.0	30-Aug-88	19 F	854.5	03U014	988.2	11-Jan-88	17 A	856.9
03U012	880.0	01-Sep-88	19 A	854.4	03U014	988.2	26-Jan-88	17 F	856.7
03U012	880.0	21-Sep-88	19 A	854.7	03U014	988.2	14-Apr-88	18 F	857.2
03U012	880.0	14-Oct-88	20 A	855.3	03U014	988.2	02-May-88	18 A	857.0
03U012	880.0	22-Nov-88	20 F	855.8	03U014	988.2	20-May-88	18 A	855.5
03U012	880.0	02-Dec-88	20 A	855.9	03U014	988.2	23-Jun-88	18 A	855.7
03U012	880.0	13-Jan-89	21 A	856.3	03U014	988.2	27-Jul-88	19 A	854.2
03U012	880.0	31-Mar-89	21 A	856.6	03U014	988.2	30-Aug-88	19 F	853.1
03U012	880.0	07-Jul-89	23 A	853.6	03U014	988.2	01-Sep-88	19 A	853.1
03U012	880.0	05-Aug-89	23 F	852.8	03U014	988.2	21-Sep-88	19 A	852.7
03U012	880.0	05-Oct-89	24 A	853.2	03U014	988.2	14-Oct-88	20 A	852.5
03U012	880.0	02-Nov-89	24 F	853.6	03U014	988.2	22-Nov-88	20 F	851.5
03U012	880.0	21-Dec-89	24 A	853.9	03U014	988.2	02-Dec-88	20 A	852.7
03U012	880.0	11-Jan-90	25 A	854.1	03U014	988.2	13-Jan-89	21 A	852.8
03U012	880.0	16-May-90	26 A	853.7	03U014	988.2	31-Mar-89	21 A	852.0
03U012	880.0	16-Jul-90	27 A	853.7	03U014	988.2	05-Aug-89	23 F	850.6
					03U014	988.2	05-Oct-89	24 A	849.7
03U013	889.9	17-Nov-87	16 A	852.8	03U014	988.2	02-Nov-89	24 F	849.6
03U013	889.9	24-Nov-87	16 A	852.5	03U014	988.2	21-Dec-89	24 A	849.5
03U013	889.9	30-Nov-87	16 A	852.9	03U014	988.2	11-Jan-90	25 A	849.3
03U013	889.9	14-Dec-87	16 F	852.7	03U014	988.2	16-May-90	26 A	849.2
03U013	889.9	11-Jan-88	17 A	853.0	03U014	988.2	16-Jul-90	27 A	849.0
03U013	889.9	27-Jan-88	17 F	852.7					
03U013	889.9	13-Apr-88	18 F	853.2	03U015	934.6	17-Nov-87	16 A	856.8
03U013	889.9	02-May-88	18 A	852.5	03U015	934.6	24-Nov-87	16 A	856.7
03U013	889.9	20-May-88	18 A	852.0	03U015	934.6	30-Nov-87	16 A	856.9
03U013	889.9	23-Jun-88	18 A	849.1	03U015	934.6	14-Dec-87	16 A	857.0
03U013	889.9	27-Jul-88	19 A	848.0	03U015	934.6	14-Dec-87	16 F	856.9
03U013	889.9	30-Aug-88	19 F	848.2	03U015	934.6	11-Jan-88	17 A	857.1
03U013	889.9	01-Sep-88	19 A	848.0	03U015	934.6	13-Apr-88	18 F	857.1
03U013	889.9	21-Sep-88	19 A	848.0	03U015	934.6	02-May-88	18 A	857.1
03U013	889.9	14-Oct-88	20 A	848.5	03U015	934.6	20-May-88	18 A	856.6
03U013	889.9	22-Nov-88	20 F	849.1	03U015	934.6	23-Jun-88	18 A	854.8
03U013	889.9	02-Dec-88	20 A	849.1	03U015	934.6	27-Jul-88	19 A	853.4
03U013	889.9	13-Jan-89	21 A	849.7	03U015	934.6	30-Aug-88	19 F	852.6
03U013	889.9	31-Mar-89	21 A	848.1	03U015	934.6	01-Sep-88	19 A	852.6
03U013	889.9	05-Aug-89	23 F	845.2	03U015	934.6	21-Sep-88	19 A	852.4
03U013	889.9	05-Oct-89	24 A	845.3	03U015	934.6	14-Oct-88	20 A	852.5
03U013	889.9	02-Nov-89	24 F	845.5	03U015	934.6	22-Nov-88	20 F	852.7
03U013	889.9	21-Dec-89	24 A	845.5	03U015	934.6	02-Dec-88	20 A	852.8
03U013	889.9	11-Jan-90	25 A	845.7	03U015	934.6	13-Jan-89	21 A	853.0
03U013	889.9	16-May-90	26 A	845.6	03U015	934.6	31-Mar-89	21 A	852.7
					03U015	934.6	05-Aug-89	23 F	850.6
03U014	988.2	17-Nov-87	16 A	856.7	03U015	934.6	05-Oct-89	24 A	850.1
03U014	988.2	24-Nov-87	16 A	856.6	03U015	934.6	02-Nov-89	24 F	850.0
03U014	988.2	30-Nov-87	16 A	856.6	03U015	934.6	21-Dec-89	24 A	850.1
03U014	988.2	14-Dec-87	16 A	856.8	03U015	934.6	11-Jan-90	25 A	850.0

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U015	934.6	01-May-90	26 F	849.9	03U017	939.0	05-Oct-89	24 A	847.1
03U015	934.6	16-May-90	26 A	849.9	03U017	939.0	04-Nov-89	24 F	846.8
03U016	947.0	24-Nov-87	16 A	859.0	03U017	939.0	21-Dec-89	24 A	846.5
03U016	947.0	30-Nov-87	16 A	859.1	03U017	939.0	11-Jan-90	25 A	846.3
03U016	947.0	14-Dec-87	16 A	859.3	03U017	939.0	16-May-90	26 A	846.5
03U016	947.0	11-Jan-88	17 A	859.4	03U018	988.7	24-Nov-87	16 A	856.5
03U016	947.0	27-Jan-88	17 F	859.4	03U018	988.7	30-Nov-87	16 A	856.5
03U016	947.0	13-Apr-88	18 F	859.3	03U018	988.7	14-Dec-87	16 A	856.7
03U016	947.0	02-May-88	18 A	859.3	03U018	988.7	14-Dec-87	16 F	856.6
03U016	947.0	20-May-88	18 A	859.0	03U018	988.7	11-Jan-88	17 A	856.8
03U016	947.0	23-Jun-88	18 A	857.2	03U018	988.7	27-Jan-88	17 F	856.8
03U016	947.0	27-Jul-88	19 A	855.4	03U018	988.7	14-Apr-88	18 F	857.0
03U016	947.0	30-Aug-88	19 F	854.7	03U018	988.7	02-May-88	18 A	856.9
03U016	947.0	01-Sep-88	19 A	854.8	03U018	988.7	20-May-88	18 A	856.5
03U016	947.0	21-Sep-88	19 A	854.7	03U018	988.7	23-Jun-88	18 A	855.3
03U016	947.0	14-Oct-88	20 A	854.7	03U018	988.7	27-Jul-88	19 A	853.8
03U016	947.0	22-Nov-88	20 F	854.7	03U018	988.7	30-Aug-88	19 F	852.8
03U016	947.0	02-Dec-88	20 A	854.9	03U018	988.7	01-Sep-88	19 A	852.7
03U016	947.0	13-Jan-89	21 A	855.1	03U018	988.7	21-Sep-88	19 A	852.5
03U016	947.0	31-Mar-89	21 A	855.4	03U018	988.7	14-Oct-88	20 A	852.4
03U016	947.0	05-Oct-89	24 A	852.8	03U018	988.7	22-Nov-88	20 F	852.4
03U016	947.0	06-Nov-89	24 F	852.8	03U018	988.7	02-Dec-88	20 A	852.6
03U016	947.0	21-Dec-89	24 A	852.8	03U018	988.7	13-Jan-89	21 A	852.8
03U016	947.0	11-Jan-90	25 A	864.8	03U018	988.7	31-Mar-89	21 A	852.0
03U016	947.0	01-May-90	26 F	852.8	03U018	988.7	05-Aug-89	23 F	850.3
03U016	947.0	16-May-90	26 A	852.7	03U018	988.7	05-Oct-89	24 A	849.7
03U017	939.0	17-Nov-87	16 A	854.3	03U018	988.7	04-Nov-89	24 F	849.5
03U017	939.0	24-Nov-87	16 A	854.1	03U018	988.7	21-Dec-89	24 A	849.2
03U017	939.0	14-Dec-87	16 A	854.4	03U018	988.7	11-Jan-90	25 A	849.2
03U017	939.0	15-Dec-87	16 F	854.4	03U018	988.7	16-May-90	26 A	849.2
03U017	939.0	11-Jan-88	17 A	854.4	03U019	943.5	24-Nov-87	16 A	857.7
03U017	939.0	27-Jan-88	17 F	854.3	03U019	943.5	30-Nov-87	16 A	857.8
03U017	939.0	13-Apr-88	18 F	855.1	03U019	943.5	14-Dec-87	16 A	857.8
03U017	939.0	02-May-88	18 A	854.5	03U019	943.5	11-Jan-88	17 A	858.1
03U017	939.0	20-May-88	18 A	854.1	03U019	943.5	27-Jan-88	17 F	858.1
03U017	939.0	23-Jun-88	18 A	852.8	03U019	943.5	14-Apr-88	18 F	858.2
03U017	939.0	27-Jul-88	19 A	851.3	03U019	943.5	02-May-88	18 A	858.1
03U017	939.0	30-Aug-88	19 F	850.5	03U019	943.5	20-May-88	18 A	857.8
03U017	939.0	01-Sep-88	19 A	850.2	03U019	943.5	23-Jun-88	18 A	856.7
03U017	939.0	21-Sep-88	19 A	850.2	03U019	943.5	27-Jul-88	19 A	855.1
03U017	939.0	14-Oct-88	20 A	850.0	03U019	943.5	30-Aug-88	19 F	854.1
03U017	939.0	22-Nov-88	20 F	850.6	03U019	943.5	01-Sep-88	19 A	854.0
03U017	939.0	02-Dec-88	20 A	850.7	03U019	943.5	21-Sep-88	19 A	853.7
03U017	939.0	13-Jan-89	21 A	851.0	03U019	943.5	14-Oct-88	20 A	853.5
03U017	939.0	31-Mar-89	21 A	849.2	03U019	943.5	22-Nov-88	20 F	853.6
03U017	939.0	05-Aug-89	23 F	847.3	03U019	943.5	02-Dec-88	20 A	853.7

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.



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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U019	943.5	13-Jan-89	21 A	853.9	03U021	944.2	31-Mar-89	21 A	847.3
03U019	943.5	31-Mar-89	21 A	853.6	03U021	944.2	05-Aug-89	23 F	845.9
03U019	943.5	05-Aug-89	23 F	852.1	03U021	944.2	05-Oct-89	24 A	845.3
03U019	943.5	05-Oct-89	24 A	851.2	03U021	944.2	04-Nov-89	24 F	845.1
03U019	943.5	04-Nov-89	24 F	851.1	03U021	944.2	21-Dec-89	24 A	844.6
03U019	943.5	21-Dec-89	24 A	851.0	03U021	944.2	11-Jan-90	25 A	844.6
03U019	943.5	11-Jan-90	25 A	850.9	03U021	944.2	16-May-90	26 A	844.6
03U019	943.5	01-May-90	26 F	850.9					
03U019	943.5	16-May-90	26 A	850.8					
03U019	943.5	19-Jul-90	27 F	850.8					
03U020	954.2	17-Nov-87	16 A	854.6	03U022	899.4	24-Nov-87	16 A	860.3
03U020	954.2	24-Nov-87	16 A	854.5	03U022	899.4	30-Nov-87	16 A	860.5
03U020	954.2	30-Nov-87	16 A	854.5	03U022	899.4	14-Dec-87	16 A	860.7
03U020	954.2	14-Dec-87	16 F	854.3	03U022	899.4	11-Jan-88	17 A	860.9
03U020	954.2	14-Dec-87	16 A	854.4	03U022	899.4	27-Jan-88	17 F	860.9
03U020	954.2	11-Jan-88	17 A	854.7	03U022	899.4	13-Apr-88	18 F	860.4
03U020	954.2	27-Jan-88	17 F	854.6	03U022	899.4	02-May-88	18 A	860.4
03U020	954.2	14-Apr-88	18 F	855.5	03U022	899.4	20-May-88	18 A	860.0
03U020	954.2	02-May-88	18 A	855.0	03U022	899.4	23-Jun-88	18 A	856.7
03U020	954.2	20-May-88	18 A	854.5	03U022	899.4	27-Jul-88	19 A	855.2
03U020	954.2	23-Jun-88	18 A	853.5	03U022	899.4	30-Aug-88	19 F	855.4
03U020	954.2	27-Jul-88	19 A	852.0	03U022	899.4	01-Sep-88	19 A	855.4
03U020	954.2	30-Aug-88	19 F	850.9	03U022	899.4	21-Sep-88	19 A	855.5
03U020	954.2	01-Sep-88	19 A	850.8	03U022	899.4	14-Oct-88	20 A	855.8
03U020	954.2	21-Sep-88	19 A	850.7	03U022	899.4	22-Nov-88	20 F	856.0
03U020	954.2	14-Oct-88	20 A	850.4	03U022	899.4	02-Dec-88	20 A	856.1
03U020	954.2	22-Nov-88	20 F	850.8	03U022	899.4	13-Jan-89	21 A	856.4
03U020	954.2	02-Dec-88	20 A	851.1	03U022	899.4	31-Mar-89	21 A	857.5
03U020	954.2	13-Jan-89	21 A	850.9	03U022	899.4	05-Aug-89	23 F	854.5
03U020	954.2	31-Mar-89	21 A	849.4	03U022	899.4	05-Oct-89	24 A	854.4
03U020	954.2	07-Jul-89	23 A	848.2	03U022	899.4	02-Nov-89	24 F	854.5
03U020	954.2	05-Aug-89	23 F	847.9	03U022	899.4	21-Dec-89	24 A	854.9
03U020	954.2	05-Oct-89	24 A	847.2	03U022	899.4	11-Jan-90	25 A	855.0
03U020	954.2	04-Nov-89	24 F	846.0	03U022	899.4	30-Apr-90	26 F	854.5
03U020	954.2	21-Dec-89	24 A	846.7	03U022	899.4	16-May-90	26 A	854.7
03U020	954.2	11-Jan-90	25 A	846.5					
03U020	954.2	16-May-90	26 A	846.7	03U023	899.4	24-Nov-87	16 A	860.1
03U020	954.2	16-Jul-90	27 A	846.5	03U023	899.4	30-Nov-87	16 A	860.4
					03U023	899.4	14-Dec-87	16 A	860.4
					03U023	899.4	14-Dec-87	16 F	860.5
03U021	944.2	30-Nov-87	16 A	853.0	03U023	899.4	11-Jan-88	17 A	860.7
03U021	944.2	14-Dec-87	16 A	852.6	03U023	899.4	27-Jan-88	17 F	860.7
03U021	944.2	15-Dec-87	16 F	852.7	03U023	899.4	13-Apr-88	18 F	860.3
03U021	944.2	28-Jan-88	17 F	852.8	03U023	899.4	02-May-88	18 A	860.0
03U021	944.2	14-Apr-88	18 F	854.3	03U023	899.4	20-May-88	18 A	859.6
03U021	944.2	02-May-88	18 A	853.3	03U023	899.4	23-Jun-88	18 A	856.8
03U021	944.2	30-Aug-88	19 F	849.4	03U023	899.4	27-Jul-88	19 A	854.5
03U021	944.2	13-Jan-89	21 A	849.8	03U023	899.4	30-Aug-88	19 F	855.1
					03U023	899.4	01-Sep-88	19 A	855.1
					03U023	899.4	21-Sep-88	19 A	855.2

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

7/26/91

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U023	899.4	14-Oct-88	20 A	855.8	03U025	886.6	23-Jun-88	18 A	854.0
03U023	899.4	22-Nov-88	20 F	856.1	03U025	886.6	27-Jul-88	19 A	852.7
03U023	899.4	02-Dec-88	20 A	856.1	03U025	886.6	30-Aug-88	19 F	852.7
03U023	899.4	13-Jan-89	21 A	856.4	03U025	886.6	01-Sep-88	19 A	852.7
03U023	899.4	31-Mar-89	21 A	857.2	03U025	886.6	21-Sep-88	19 A	852.6
03U023	899.4	05-Aug-89	23 F	853.8	03U025	886.6	14-Oct-88	20 A	853.0
03U023	899.4	05-Oct-89	24 A	854.0	03U025	886.6	22-Nov-88	20 F	853.4
03U023	899.4	02-Nov-89	24 F	854.2	03U025	886.6	02-Dec-88	20 A	853.4
03U023	899.4	21-Dec-89	24 A	854.6	03U025	886.6	13-Jan-89	21 A	853.8
03U023	899.4	11-Jan-90	25 A	854.7	03U025	886.6	31-Mar-89	21 A	853.7
03U023	899.4	25-Apr-90	26 F	854.4	03U025	886.6	05-Aug-89	23 F	850.8
03U023	899.4	16-May-90	26 A	854.3	03U025	886.6	05-Oct-89	24 A	850.7
					03U025	886.6	02-Nov-89	24 F	850.9
03U024	894.5	24-Nov-87	16 A	859.1	03U025	886.6	21-Dec-89	24 A	851.1
03U024	894.5	30-Nov-87	16 A	859.3	03U025	886.6	11-Jan-90	25 A	851.2
03U024	894.5	14-Dec-87	16 A	859.4	03U025	886.6	30-Apr-90	26 F	854.9
03U024	894.5	11-Jan-88	17 A	859.6	03U025	886.6	16-May-90	26 A	850.9
03U024	894.5	27-Jan-88	17 F	859.5					
03U024	894.5	14-Apr-88	18 F	859.0	03U026	974.7	24-Nov-87	16 A	857.1
03U024	894.5	02-May-88	18 A	859.1	03U026	974.7	30-Nov-87	16 A	857.2
03U024	894.5	20-May-88	18 A	858.8	03U026	974.7	14-Dec-87	16 F	857.4
03U024	894.5	23-Jun-88	18 A	855.8	03U026	974.7	14-Dec-87	16 A	857.3
03U024	894.5	27-Jul-88	19 A	854.4	03U026	974.7	11-Jan-88	17 A	857.5
03U024	894.5	30-Aug-88	19 F	854.5	03U026	974.7	26-Jan-88	17 F	857.5
03U024	894.5	01-Sep-88	19 A	854.4	03U026	974.7	14-Apr-88	18 F	857.7
03U024	894.5	21-Sep-88	19 A	854.4	03U026	974.7	02-May-88	18 A	857.6
03U024	894.5	14-Oct-88	20 A	854.7	03U026	974.7	20-May-88	18 A	857.2
03U024	894.5	22-Nov-88	20 F	854.8	03U026	974.7	23-Jun-88	18 A	854.1
03U024	894.5	02-Dec-88	20 A	854.9	03U026	974.7	27-Jul-88	19 A	854.5
03U024	894.5	13-Jan-89	21 A	855.1	03U026	974.7	30-Aug-88	19 F	853.5
03U024	894.5	31-Mar-89	21 A	856.0	03U026	974.7	01-Sep-88	19 A	853.5
03U024	894.5	05-Aug-89	23 F	853.1	03U026	974.7	21-Sep-88	19 A	853.2
03U024	894.5	05-Oct-89	24 A	852.9	03U026	974.7	14-Oct-88	20 A	853.0
03U024	894.5	02-Nov-89	24 F	853.0	03U026	974.7	22-Nov-88	20 F	853.1
03U024	894.5	21-Dec-89	24 A	853.3	03U026	974.7	02-Dec-88	20 A	853.2
03U024	894.5	11-Jan-90	25 A	853.4	03U026	974.7	13-Jan-89	21 A	853.3
03U024	894.5	30-Apr-90	26 F	859.1	03U026	974.7	31-Mar-89	21 A	852.9
03U024	894.5	16-May-90	26 A	853.1	03U026	974.7	05-Aug-89	23 F	851.5
					03U026	974.7	05-Oct-89	24 A	850.6
03U025	886.6	17-Nov-87	16 A	857.4	03U026	974.7	02-Nov-89	24 F	850.5
03U025	886.6	24-Nov-87	16 A	857.3	03U026	974.7	21-Dec-89	24 A	850.4
03U025	886.6	30-Nov-87	16 A	858.6	03U026	974.7	11-Jan-90	25 A	850.3
03U025	886.6	14-Dec-87	16 A	857.6	03U026	974.7	01-May-90	26 F	850.3
03U025	886.6	11-Jan-88	17 A	857.7	03U026	974.7	19-Jul-90	27 F	850.2
03U025	886.6	26-Jan-88	17 F	857.7	03U026	974.7	21-Sep-90	28 F	850.0
03U025	886.6	13-Apr-88	18 F	855.2					
03U025	886.6	02-May-88	18 A	857.3	03U027	966.3	17-Nov-87	16 A	854.8
03U025	886.6	20-May-88	18 A	857.0	03U027	966.3	24-Nov-87	16 A	854.7

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

7/26/91

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U027	966.3	30-Nov-87	16 A	854.8	03U029	954.8	17-Nov-87	16 A	853.8
03U027	966.3	14-Dec-87	16 F	854.7	03U029	954.8	30-Nov-87	16 A	853.6
03U027	966.3	11-Jan-88	17 A	855.0	03U029	954.8	14-Dec-87	16 A	852.5
03U027	966.3	27-Jan-88	17 F	854.8	03U029	954.8	11-Jan-88	17 A	852.7
03U027	966.3	14-Apr-88	18 F	855.8	03U029	954.8	27-Jan-88	17 F	853.6
03U027	966.3	02-May-88	18 A	855.2	03U029	954.8	14-Apr-88	18 F	855.0
03U027	966.3	20-May-88	18 A	854.7	03U029	954.8	02-May-88	18 A	854.2
03U027	966.3	23-Jun-88	18 A	853.8	03U029	954.8	20-May-88	18 A	853.7
03U027	966.3	27-Jul-88	19 A	852.3	03U029	954.8	23-Jun-88	18 A	853.1
03U027	966.3	30-Aug-88	19 F	851.3	03U029	954.8	27-Jul-88	19 A	851.6
03U027	966.3	01-Sep-88	19 A	851.1	03U029	954.8	30-Aug-88	19 F	849.3
03U027	966.3	21-Sep-88	19 A	850.9	03U029	954.8	01-Sep-88	19 A	849.8
03U027	966.3	14-Oct-88	20 A	850.6	03U029	954.8	21-Sep-88	19 A	850.0
03U027	966.3	22-Nov-88	20 F	851.0	03U029	954.8	14-Oct-88	20 A	848.6
03U027	966.3	02-Dec-88	20 A	851.3	03U029	954.8	22-Nov-88	20 F	850.1
03U027	966.3	13-Jan-89	21 A	851.5	03U029	954.8	02-Dec-88	20 A	850.1
03U027	966.3	31-Mar-89	21 A	849.7	03U029	954.8	13-Jan-89	21 A	850.4
03U027	966.3	05-Aug-89	23 F	848.3	03U029	954.8	31-Mar-89	21 A	847.2
03U027	966.3	05-Oct-89	24 A	846.5	03U029	954.8	05-Aug-89	23 F	846.3
03U027	966.3	04-Nov-89	24 F	847.4	03U029	954.8	05-Oct-89	24 A	845.8
03U027	966.3	21-Dec-89	24 A	847.2	03U029	954.8	03-Nov-89	24 F	845.3
03U027	966.3	11-Jan-90	25 A	846.9	03U029	954.8	21-Dec-89	24 A	844.9
03U027	966.3	16-May-90	26 A	847.0	03U029	954.8	11-Jan-90	25 A	844.8
03U028	957.2	17-Nov-87	16 A	854.3	03U029	954.8	16-May-90	26 A	845.6
03U028	957.2	30-Nov-87	16 A	854.2	03U030	958.7	17-Nov-87	16 A	855.5
03U028	957.2	14-Dec-87	16 F	854.1	03U030	958.7	30-Nov-87	16 A	855.4
03U028	957.2	11-Jan-88	17 A	854.3	03U030	958.7	14-Dec-87	16 F	855.3
03U028	957.2	27-Jan-88	17 F	854.2	03U030	958.7	14-Dec-87	16 A	855.4
03U028	957.2	14-Apr-88	18 F	855.4	03U030	958.7	11-Jan-88	17 A	855.5
03U028	957.2	02-May-88	18 A	854.7	03U030	958.7	27-Jan-88	17 F	855.4
03U028	957.2	20-May-88	18 A	854.2	03U030	958.7	14-Apr-88	18 F	856.1
03U028	957.2	23-Jun-88	18 A	853.4	03U030	958.7	02-May-88	18 A	855.8
03U028	957.2	27-Jul-88	19 A	851.9	03U030	958.7	20-May-88	18 A	855.4
03U028	957.2	30-Aug-88	19 F	850.7	03U030	958.7	23-Jun-88	18 A	854.4
03U028	957.2	01-Sep-88	19 A	850.6	03U030	958.7	27-Jul-88	19 A	852.9
03U028	957.2	21-Sep-88	19 A	850.4	03U030	958.7	30-Aug-88	19 F	851.8
03U028	957.2	14-Oct-88	20 A	850.1	03U030	958.7	01-Sep-88	19 A	851.8
03U028	957.2	22-Nov-88	20 F	850.8	03U030	958.7	21-Sep-88	19 A	851.5
03U028	957.2	02-Dec-88	20 A	850.6	03U030	958.7	14-Oct-88	20 A	851.3
03U028	957.2	13-Jan-89	21 A	850.9	03U030	958.7	22-Nov-88	20 F	851.7
03U028	957.2	31-Mar-89	21 A	848.9	03U030	958.7	02-Dec-88	20 A	851.5
03U028	957.2	05-Aug-89	23 F	847.7	03U030	958.7	13-Jan-89	21 A	851.9
03U028	957.2	05-Oct-89	24 A	846.9	03U030	958.7	31-Mar-89	21 A	850.5
03U028	957.2	03-Nov-89	24 F	846.7	03U030	958.7	05-Aug-89	23 F	849.1
03U028	957.2	21-Dec-89	24 A	846.5	03U030	958.7	05-Oct-89	24 A	848.4
03U028	957.2	11-Jan-90	25 A	846.4	03U030	958.7	03-Nov-89	24 F	848.1
03U028	957.2	16-May-90	26 A	846.3					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U030	958.7	21-Dec-89	24 A	848.0	03U032	1003.6	05-Aug-89	23 F	852.1
03U030	958.7	11-Jan-90	25 A	847.9	03U032	1003.6	05-Oct-89	24 A	851.3
03U030	958.7	16-May-90	26 A	847.7	03U032	1003.6	02-Nov-89	24 F	851.3
03U031	899.3	17-Nov-87	16 A	855.9	03U032	1003.6	21-Dec-89	24 A	851.3
03U031	899.3	24-Nov-87	16 A	855.7	03U032	1003.6	11-Jan-90	25 A	851.2
03U031	899.3	30-Nov-87	16 A	855.9	03U032	1003.6	01-May-90	26 F	851.2
03U031	899.3	14-Dec-87	16 A	855.8	03U032	1003.6	16-May-90	26 A	851.1
03U031	899.3	11-Jan-88	17 A	856.0	03U032	1003.6	18-Jul-90	27 F	851.2
03U031	899.3	26-Jan-88	17 F	856.0	03U032	1003.6	21-Sep-90	28 F	852.0
03U031	899.3	13-Apr-88	18 F	857.5	03U075	884.5	17-Nov-87	16 A	852.1
03U031	899.3	02-May-88	18 A	855.6	03U075	884.5	14-Dec-87	16 A	852.1
03U031	899.3	20-May-88	18 A	855.6	03U075	884.5	15-Dec-87	16 F	852.2
03U031	899.3	23-Jun-88	18 A	853.8	03U075	884.5	11-Jan-88	17 A	852.2
03U031	899.3	27-Jul-88	19 A	852.5	03U075	884.5	27-Jan-88	17 F	852.0
03U031	899.3	30-Aug-88	19 F	851.4	03U075	884.5	14-Apr-88	18 F	852.4
03U031	899.3	01-Sep-88	19 A	851.5	03U075	884.5	02-May-88	18 A	851.8
03U031	899.3	21-Sep-88	19 A	851.4	03U075	884.5	20-May-88	18 A	851.3
03U031	899.3	14-Oct-88	20 A	851.6	03U075	884.5	23-Jun-88	18 A	848.7
03U031	899.3	22-Nov-88	20 F	852.1	03U075	884.5	27-Jul-88	19 A	847.5
03U031	899.3	02-Dec-88	20 A	851.7	03U075	884.5	30-Aug-88	19 F	847.5
03U031	899.3	13-Jan-89	21 A	852.3	03U075	884.5	01-Sep-88	19 A	847.5
03U031	899.3	31-Mar-89	21 A	851.1	03U075	884.5	21-Sep-88	19 A	847.3
03U031	899.3	05-Aug-89	23 F	849.0	03U075	884.5	14-Oct-88	20 A	847.8
03U031	899.3	05-Oct-89	24 A	848.6	03U075	884.5	22-Nov-88	20 F	848.3
03U031	899.3	02-Nov-89	24 F	848.6	03U075	884.5	02-Dec-88	20 A	848.6
03U031	899.3	21-Dec-89	24 A	848.6	03U075	884.5	13-Jan-89	21 A	848.6
03U031	899.3	11-Jan-90	25 A	848.5	03U075	884.5	31-Mar-89	21 A	847.1
03U031	899.3	16-May-90	26 A	848.5	03U075	884.5	05-Aug-89	23 F	844.8
03U032	1003.6	24-Nov-87	16 A	857.8	03U075	884.5	05-Oct-89	24 A	844.4
03U032	1003.6	30-Nov-87	16 A	857.8	03U075	884.5	03-Nov-89	24 F	844.7
03U032	1003.6	14-Dec-87	16 A	858.0	03U075	884.5	21-Dec-89	24 A	844.5
03U032	1003.6	11-Jan-88	17 A	858.2	03U075	884.5	11-Jan-90	25 A	844.8
03U032	1003.6	26-Jan-88	17 F	858.2	03U075	884.5	16-May-90	26 A	844.6
03U032	1003.6	14-Apr-88	18 F	858.1	03U076	888.4	17-Nov-87	16 A	850.8
03U032	1003.6	02-May-88	18 A	858.1	03U076	888.4	14-Dec-87	16 A	850.7
03U032	1003.6	20-May-88	18 A	857.7	03U076	888.4	15-Dec-87	16 F	850.6
03U032	1003.6	23-Jun-88	18 A	856.1	03U076	888.4	11-Jan-88	17 A	850.9
03U032	1003.6	27-Jul-88	19 A	854.5	03U076	888.4	27-Jan-88	17 F	850.4
03U032	1003.6	30-Aug-88	19 F	853.8	03U076	888.4	14-Apr-88	18 F	850.9
03U032	1003.6	01-Sep-88	19 A	853.7	03U076	888.4	02-May-88	18 A	850.5
03U032	1003.6	21-Sep-88	19 A	853.6	03U076	888.4	20-May-88	18 A	849.9
03U032	1003.6	14-Oct-88	20 A	853.4	03U076	888.4	23-Jun-88	18 A	847.3
03U032	1003.6	22-Nov-88	20 F	853.6	03U076	888.4	27-Jul-88	19 A	846.2
03U032	1003.6	02-Dec-88	20 A	853.6	03U076	888.4	30-Aug-88	19 F	846.0
03U032	1003.6	13-Jan-89	21 A	853.8	03U076	888.4	01-Sep-88	19 A	846.1
03U032	1003.6	31-Mar-89	21 A	853.9	03U076	888.4	21-Sep-88	19 A	845.9

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U076	888.4	14-Oct-88	20 A	846.5	03U078	927.0	20-May-88	18 A	850.3
03U076	888.4	22-Nov-88	20 F	847.2	03U078	927.0	23-Jun-88	18 A	850.5
03U076	888.4	02-Dec-88	20 A	847.4	03U078	927.0	27-Jul-88	19 A	848.2
03U076	888.4	13-Jan-89	21 A	847.4	03U078	927.0	30-Aug-88	19 F	848.0
03U076	888.4	31-Mar-89	21 A	845.5	03U078	927.0	01-Sep-88	19 A	847.5
03U076	888.4	05-Aug-89	23 F	843.0	03U078	927.0	21-Sep-88	19 A	846.9
03U076	888.4	05-Oct-89	24 A	842.8	03U078	927.0	14-Oct-88	20 A	846.5
03U076	888.4	06-Nov-89	24 F	842.9	03U078	927.0	22-Nov-88	20 F	848.9
03U076	888.4	21-Dec-89	24 A	843.0	03U078	927.0	02-Dec-88	20 A	849.3
03U076	888.4	11-Jan-90	25 A	843.3	03U078	927.0	13-Jan-89	21 A	848.0
03U076	888.4	16-May-90	26 A	843.1	03U078	927.0	31-Mar-89	21 A	844.5
03U077	912.2	17-Nov-87	16 A	850.0	03U078	927.0	05-Aug-89	23 F	843.4
03U077	912.2	24-Nov-87	16 A	849.7	03U078	927.0	05-Oct-89	24 A	843.0
03U077	912.2	30-Nov-87	16 A	850.0	03U078	927.0	02-Nov-89	24 F	842.5
03U077	912.2	14-Dec-87	16 F	846.7	03U078	927.0	21-Dec-89	24 A	842.3
03U077	912.2	14-Dec-87	16 A	849.7	03U078	927.0	11-Jan-90	25 A	841.9
03U077	912.2	11-Jan-88	17 A	849.9	03U078	927.0	16-May-90	26 A	841.3
03U077	912.2	27-Jan-88	17 F	849.8	03U079	923.5	17-Nov-87	16 A	849.8
03U077	912.2	13-Apr-88	18 F	851.7	03U079	923.5	24-Nov-87	16 A	849.9
03U077	912.2	02-May-88	18 A	850.1	03U079	923.5	30-Nov-87	16 A	849.8
03U077	912.2	20-May-88	18 A	849.5	03U079	923.5	14-Dec-87	16 F	849.5
03U077	912.2	23-Jun-88	18 A	848.1	03U079	923.5	14-Dec-87	16 A	849.6
03U077	912.2	27-Jul-88	19 A	847.5	03U079	923.5	11-Jan-88	17 A	850.1
03U077	912.2	30-Aug-88	19 F	846.1	03U079	923.5	27-Jan-88	17 F	849.8
03U077	912.2	01-Sep-88	19 A	846.4	03U079	923.5	14-Apr-88	18 F	853.8
03U077	912.2	21-Sep-88	19 A	846.2	03U079	923.5	02-May-88	18 A	850.6
03U077	912.2	14-Oct-88	20 A	846.2	03U079	923.5	20-May-88	18 A	849.9
03U077	912.2	22-Nov-88	20 F	847.3	03U079	923.5	23-Jun-88	18 A	849.9
03U077	912.2	02-Dec-88	20 A	847.6	03U079	923.5	27-Jul-88	19 A	847.7
03U077	912.2	13-Jan-89	21 A	847.5	03U079	923.5	30-Aug-88	19 F	847.3
03U077	912.2	31-Mar-89	21 A	842.5	03U079	923.5	01-Sep-88	19 A	847.2
03U077	912.2	05-Aug-89	23 F	842.2	03U079	923.5	21-Sep-88	19 A	847.4
03U077	912.2	05-Oct-89	24 A	841.9	03U079	923.5	14-Oct-88	20 A	846.0
03U077	912.2	02-Nov-89	24 F	841.7	03U079	923.5	22-Nov-88	20 F	848.8
03U077	912.2	21-Dec-89	24 A	842.0	03U079	923.5	02-Dec-88	20 A	849.3
03U077	912.2	11-Jan-90	25 A	841.3	03U079	923.5	13-Jan-89	21 A	847.1
03U077	912.2	16-May-90	26 A	841.4	03U079	923.5	31-Mar-89	21 A	843.7
03U078	927.0	17-Nov-87	16 A	850.2	03U079	923.5	05-Aug-89	23 F	842.4
03U078	927.0	24-Nov-87	16 A	849.7	03U079	923.5	05-Oct-89	24 A	842.0
03U078	927.0	30-Nov-87	16 A	849.9	03U079	923.5	02-Nov-89	24 F	844.5
03U078	927.0	14-Dec-87	16 A	849.8	03U079	923.5	21-Dec-89	24 A	842.7
03U078	927.0	14-Dec-87	16 F	849.9	03U079	923.5	11-Jan-90	25 A	841.0
03U078	927.0	11-Jan-88	17 A	850.4	03U079	923.5	16-May-90	26 A	840.9
03U078	927.0	27-Jan-88	17 F	850.4	03U082	898.7	24-Nov-87	16 A	862.4
03U078	927.0	13-Apr-88	18 F	854.0	03U082	898.7	30-Nov-87	16 A	862.6
03U078	927.0	02-May-88	18 A	851.3	03U082	898.7	14-Dec-87	16 F	863.9

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TABLE I  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U082	898.7	14-Dec-87	16 A	862.8	03U083	892.0	27-Apr-90	26 F	851.1
03U082	898.7	11-Jan-88	17 A	863.0	03U083	892.0	16-May-90	26 A	849.9
03U082	898.7	27-Jan-88	17 F	863.2					
03U082	898.7	13-Apr-88	18 F	862.7	03U084	898.2	17-Nov-87	16 A	850.9
03U082	898.7	02-May-88	18 A	862.3	03U084	898.2	24-Nov-87	16 A	850.5
03U082	898.7	20-May-88	18 A	862.0	03U084	898.2	30-Nov-87	16 A	850.8
03U082	898.7	23-Jun-88	18 A	858.1	03U084	898.2	14-Dec-87	16 F	849.9
03U082	898.7	27-Jul-88	19 A	856.5	03U084	898.2	14-Dec-87	16 A	850.6
03U082	898.7	30-Aug-88	19 F	857.3	03U084	898.2	11-Jan-88	17 A	850.6
03U082	898.7	01-Sep-88	19 A	857.1	03U084	898.2	27-Jan-88	17 F	850.0
03U082	898.7	21-Sep-88	19 A	857.3	03U084	898.2	13-Apr-88	18 F	851.4
03U082	898.7	14-Oct-88	20 A	857.8	03U084	898.2	02-May-88	18 A	850.9
03U082	898.7	22-Nov-88	20 F	858.3	03U084	898.2	20-May-88	18 A	850.4
03U082	898.7	02-Dec-88	20 A	858.2	03U084	898.2	23-Jun-88	18 A	848.6
03U082	898.7	13-Jan-89	21 A	858.4	03U084	898.2	27-Jul-88	19 A	847.4
03U082	898.7	31-Mar-89	21 A	860.1	03U084	898.2	30-Aug-88	19 F	846.2
03U082	898.7	05-Aug-89	23 F	856.7	03U084	898.2	01-Sep-88	19 A	846.8
03U082	898.7	05-Oct-89	24 A	856.8	03U084	898.2	21-Sep-88	19 A	846.7
03U082	898.7	02-Nov-89	24 F	857.1	03U084	898.2	14-Oct-88	20 A	846.9
03U082	898.7	21-Dec-89	24 A	857.4	03U084	898.2	22-Nov-88	20 F	847.2
03U082	898.7	11-Jan-90	25 A	857.5	03U084	898.2	02-Dec-88	20 A	848.0
03U082	898.7	25-Apr-90	26 F	857.4	03U084	898.2	13-Jan-89	21 A	848.0
03U082	898.7	16-May-90	26 A	857.2	03U084	898.2	31-Mar-89	21 A	844.6
					03U084	898.2	05-Aug-89	23 F	841.9
03U083	892.0	24-Nov-87	16 A	856.6	03U084	898.2	05-Oct-89	24 A	842.6
03U083	892.0	30-Nov-87	16 A	856.8	03U084	898.2	02-Nov-89	24 F	841.8
03U083	892.0	14-Dec-87	16 F	857.8	03U084	898.2	21-Dec-89	24 A	842.1
03U083	892.0	14-Dec-87	16 A	856.9	03U084	898.2	11-Jan-90	25 A	842.1
03U083	892.0	11-Jan-88	17 A	856.9	03U084	898.2	16-May-90	26 A	842.2
03U083	892.0	26-Jan-88	17 F	858.0					
03U083	892.0	13-Apr-88	18 F	857.9	03U087	1004.2	24-Nov-87	16 A	858.0
03U083	892.0	02-May-88	18 A	856.7	03U087	1004.2	30-Nov-87	16 A	858.1
03U083	892.0	20-May-88	18 A	856.4	03U087	1004.2	14-Dec-87	16 A	858.3
03U083	892.0	23-Jun-88	18 A	853.9	03U087	1004.2	14-Dec-87	16 F	858.2
03U083	892.0	27-Jul-88	19 A	852.4	03U087	1004.2	11-Jan-88	17 A	858.5
03U083	892.0	30-Aug-88	19 F	853.2	03U087	1004.2	26-Jan-88	17 F	858.4
03U083	892.0	01-Sep-88	19 A	852.1	03U087	1004.2	13-Apr-88	18 F	858.2
03U083	892.0	21-Sep-88	19 A	852.0	03U087	1004.2	02-May-88	18 A	858.3
03U083	892.0	14-Oct-88	20 A	852.2	03U087	1004.2	20-May-88	18 A	858.0
03U083	892.0	22-Nov-88	20 F	853.5	03U087	1004.2	23-Jun-88	18 A	856.1
03U083	892.0	02-Dec-88	20 A	852.4	03U087	1004.2	27-Jul-88	19 A	854.5
03U083	892.0	13-Jan-89	21 A	853.0	03U087	1004.2	30-Aug-88	19 F	853.8
03U083	892.0	31-Mar-89	21 A	852.6	03U087	1004.2	21-Sep-88	19 A	853.7
03U083	892.0	05-Aug-89	23 F	851.1	03U087	1004.2	14-Oct-88	20 A	853.6
03U083	892.0	05-Oct-89	24 A	849.9	03U087	1004.2	22-Nov-88	20 F	853.6
03U083	892.0	02-Nov-89	24 F	850.9	03U087	1004.2	02-Dec-88	20 A	853.8
03U083	892.0	21-Dec-89	24 A	850.0	03U087	1004.2	13-Jan-89	21 A	854.0
03U083	892.0	11-Jan-90	25 A	850.1	03U087	1004.2	31-Mar-89	21 A	854.3
03U087	1004.2	05-Aug-89	23 F	852.2	03U089	972.6	22-Nov-88	20 F	853.7
03U087	1004.2	05-Oct-89	24 A	851.7	03U089	972.6	02-Dec-88	20 A	854.0
03U087	1004.2	02-Nov-89	24 F	851.5	03U089	972.6	13-Jan-89	21 A	854.2
03U087	1004.2	21-Dec-89	24 A	851.8	03U089	972.6	31-Mar-89	21 A	854.7
03U087	1004.2	11-Jan-90	25 A	851.7	03U089	972.6	06-Aug-89	23 F	852.3

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U087	1004.2	30-Apr-90	26 F	851.5	03U089	972.6	05-Oct-89	24 A	852.0
03U087	1004.2	16-May-90	26 A	851.5	03U089	972.6	02-Nov-89	24 F	851.8
03U088	983.7	14-Dec-87	16 F	858.5	03U089	972.6	21-Dec-89	24 A	852.1
03U088	983.7	14-Dec-87	16 A	858.6	03U089	972.6	11-Jan-90	25 A	852.0
03U088	983.7	11-Jan-88	17 A	858.7	03U089	972.6	30-Apr-90	26 F	851.9
03U088	983.7	26-Jan-88	17 F	858.7	03U089	972.6	16-May-90	26 A	851.9
03U088	983.7	13-Apr-88	18 F	858.3	03U090	982.2	14-Dec-87	16 F	857.5
03U088	983.7	02-May-88	18 A	858.6	03U090	982.2	14-Dec-87	16 A	858.3
03U088	983.7	20-May-88	18 A	858.3	03U090	982.2	11-Jan-88	17 A	858.4
03U088	983.7	23-Jun-88	18 A	856.2	03U090	982.2	26-Jan-88	17 F	857.1
03U088	983.7	27-Jul-88	19 A	854.6	03U090	982.2	14-Apr-88	18 F	857.7
03U088	983.7	30-Aug-88	19 F	853.9	03U090	982.2	02-May-88	18 A	858.4
03U088	983.7	01-Sep-88	19 A	854.0	03U090	982.2	20-May-88	18 A	858.1
03U088	983.7	21-Sep-88	19 A	853.9	03U090	982.2	27-Jul-88	19 A	855.2
03U088	983.7	14-Oct-88	20 A	853.9	03U090	982.2	30-Aug-88	19 F	853.5
03U088	983.7	22-Nov-88	20 F	853.8	03U090	982.2	01-Sep-88	19 A	854.2
03U088	983.7	02-Dec-88	20 A	854.0	03U090	982.2	21-Sep-88	19 A	854.0
03U088	983.7	13-Jan-89	21 A	854.2	03U090	982.2	14-Oct-88	20 A	853.9
03U088	983.7	31-Mar-89	21 A	854.8	03U090	982.2	22-Nov-88	20 F	853.1
03U088	983.7	06-Aug-89	23 F	852.5	03U090	982.2	02-Dec-88	20 A	854.0
03U088	983.7	05-Oct-89	24 A	852.0	03U090	982.2	13-Jan-89	21 A	854.2
03U088	983.7	02-Nov-89	24 F	851.9	03U090	982.2	31-Mar-89	21 A	853.9
03U088	983.7	21-Dec-89	24 A	852.2	03U090	982.2	06-Aug-89	23 F	851.5
03U088	983.7	11-Jan-90	25 A	852.1	03U090	982.2	05-Oct-89	24 A	851.5
03U088	983.7	30-Apr-90	26 F	852.0	03U090	982.2	02-Nov-89	24 F	850.6
03U088	983.7	16-May-90	26 A	851.9	03U090	982.2	21-Dec-89	24 A	851.4
03U089	972.6	24-Nov-87	16 A	858.2	03U090	982.2	11-Jan-90	25 A	851.3
03U089	972.6	30-Nov-87	16 A	858.4	03U090	982.2	01-May-90	26 F	850.1
03U089	972.6	14-Dec-87	16 F	858.4	03U090	982.2	16-May-90	26 A	851.1
03U089	972.6	14-Dec-87	16 A	858.6	03U090	982.2	19-Jul-90	27 F	850.4
03U089	972.6	11-Jan-88	17 A	859.2	03U092	960.4	14-Dec-87	16 F	856.8
03U089	972.6	26-Jan-88	17 F	858.6	03U092	960.4	14-Dec-87	16 A	840.4
03U089	972.6	13-Apr-88	18 F	858.3	03U092	960.4	27-Jan-88	17 F	856.9
03U089	972.6	02-May-88	18 A	858.5	03U092	960.4	14-Apr-88	18 F	857.3
03U089	972.6	20-May-88	18 A	858.2	03U092	960.4	02-May-88	18 A	840.6
03U089	972.6	23-Jun-88	18 A	856.2	03U092	960.4	20-May-88	18 A	840.3
03U089	972.6	27-Jul-88	19 A	854.6	03U092	960.4	23-Jun-88	18 A	839.4
03U089	972.6	30-Aug-88	19 F	853.9	03U092	960.4	27-Jul-88	19 A	837.7
03U089	972.6	01-Sep-88	19 A	854.0	03U092	960.4	30-Aug-88	19 F	853.1
03U089	972.6	21-Sep-88	19 A	853.9	03U092	960.4	01-Sep-88	19 A	836.6
03U089	972.6	14-Oct-88	20 A	853.9	03U092	960.4	21-Sep-88	19 A	836.3

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U092	960.4	14-Oct-88	20 A	836.0	03U094	997.0	30-Aug-88	19 F	853.2
03U092	960.4	22-Nov-88	20 F	852.6	03U094	997.0	01-Sep-88	19 A	853.2
03U092	960.4	02-Dec-88	20 A	836.3	03U094	997.0	21-Sep-88	19 A	852.9
03U092	960.4	13-Jan-89	21 A	836.5	03U094	997.0	14-Oct-88	20 A	852.6
03U092	960.4	31-Mar-89	21 A	835.7	03U094	997.0	22-Nov-88	20 F	852.7
03U092	960.4	06-Aug-89	23 F	850.6	03U094	997.0	02-Dec-88	20 A	852.8
03U092	960.4	05-Oct-89	24 A	833.4	03U094	997.0	13-Jan-89	21 A	852.9
03U092	960.4	04-Nov-89	24 F	849.6	03U094	997.0	31-Mar-89	21 A	852.3
03U092	960.4	21-Dec-89	24 A	832.9	03U094	997.0	05-Aug-89	23 F	850.9
03U092	960.4	11-Jan-90	25 A	832.9	03U094	997.0	05-Oct-89	24 A	850.1
03U092	960.4	01-May-90	26 F	849.4	03U094	997.0	02-Nov-89	24 F	850.0
03U092	960.4	16-May-90	26 A	832.8	03U094	997.0	21-Dec-89	24 A	849.7
					03U094	997.0	11-Jan-90	25 A	849.6
03U093	993.4	24-Nov-87	16 A	856.6	03U094	997.0	16-May-90	26 A	849.4
03U093	993.4	30-Nov-87	16 A	856.7					
03U093	993.4	14-Dec-87	16 A	856.7	03U096	994.5	24-Nov-87	16 A	856.5
03U093	993.4	11-Jan-88	17 A	856.9	03U096	994.5	30-Nov-87	16 A	856.6
03U093	993.4	27-Jan-88	17 F	856.8	03U096	994.5	14-Dec-87	16 A	856.7
03U093	993.4	14-Apr-88	18 F	857.0	03U096	994.5	11-Jan-88	17 A	856.9
03U093	993.4	02-May-88	18 A	857.0	03U096	994.5	27-Jan-88	17 F	856.8
03U093	993.4	20-May-88	18 A	856.6	03U096	994.5	14-Apr-88	18 F	857.0
03U093	993.4	23-Jun-88	18 A	855.4	03U096	994.5	02-May-88	18 A	856.2
03U093	993.4	27-Jul-88	19 A	853.1	03U096	994.5	20-May-88	18 A	856.5
03U093	993.4	30-Aug-88	19 F	852.8	03U096	994.5	23-Jun-88	18 A	855.0
03U093	993.4	01-Sep-88	19 A	852.8	03U096	994.5	27-Jul-88	19 A	853.5
03U093	993.4	21-Sep-88	19 A	852.6	03U096	994.5	30-Aug-88	19 F	852.6
03U093	993.4	14-Oct-88	20 A	852.4	03U096	994.5	01-Sep-88	19 A	852.6
03U093	993.4	22-Nov-88	20 F	852.5	03U096	994.5	21-Sep-88	19 A	852.5
03U093	993.4	02-Dec-88	20 A	852.7	03U096	994.5	14-Oct-88	20 A	852.3
03U093	993.4	13-Jan-89	21 A	852.9	03U096	994.5	22-Nov-88	20 F	852.5
03U093	993.4	31-Mar-89	21 A	852.1	03U096	994.5	02-Dec-88	20 A	852.6
03U093	993.4	05-Aug-89	23 F	850.4	03U096	994.5	13-Jan-89	21 A	852.9
03U093	993.4	05-Oct-89	24 A	849.4	03U096	994.5	31-Mar-89	21 A	852.2
03U093	993.4	04-Nov-89	24 F	849.5	03U096	994.5	05-Aug-89	23 F	848.3
03U093	993.4	21-Dec-89	24 A	849.4	03U096	994.5	05-Oct-89	24 A	849.9
03U093	993.4	11-Jan-90	25 A	849.4	03U096	994.5	04-Nov-89	24 F	849.7
03U093	993.4	16-May-90	26 A	849.3	03U096	994.5	21-Dec-89	24 A	849.5
03U093	993.4	16-Jul-90	27 A	849.3	03U096	994.5	11-Jan-90	25 A	849.5
					03U096	994.5	16-May-90	26 A	849.4
03U094	997.0	14-Dec-87	16 A	857.0					
03U094	997.0	15-Dec-87	16 F	857.0	03U097	937.2	14-Dec-87	16 F	861.8
03U094	997.0	11-Jan-88	17 A	857.0	03U097	937.2	27-Jan-88	17 F	862.1
03U094	997.0	26-Jan-88	17 F	857.0	03U097	937.2	13-Apr-88	18 F	861.5
03U094	997.0	14-Apr-88	18 F	857.3	03U097	937.2	30-Aug-88	19 F	856.6
03U094	997.0	02-May-88	18 A	857.2	03U097	937.2	22-Nov-88	20 F	857.2
03U094	997.0	20-May-88	18 A	856.9	03U097	937.2	05-Aug-89	23 F	856.6
03U094	997.0	23-Jun-88	18 A	855.9	03U097	937.2	02-Nov-89	24 F	856.6
03U094	997.0	27-Jul-88	19 A	854.4	03U097	937.2	27-Apr-90	26 F	857.0

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.



TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U099	952.2	14-Dec-87	16 F	857.9	03U112	978.1	21-Sep-88	19 A	853.5
03U099	952.2	26-Jan-88	17 F	858.0	03U112	978.1	14-Oct-88	20 A	853.3
03U099	952.2	13-Apr-88	18 F	858.6	03U112	978.1	22-Nov-88	20 F	851.4
03U099	952.2	30-Aug-88	19 F	854.7	03U112	978.1	02-Dec-88	20 A	853.4
03U099	952.2	22-Nov-88	20 F	853.9	03U112	978.1	13-Jan-89	21 A	853.6
03U099	952.2	05-Aug-89	23 F	852.5	03U112	978.1	31-Mar-89	21 A	853.4
03U099	952.2	02-Nov-89	24 F	851.2	03U112	978.1	06-Aug-89	23 F	852.0
03U099	952.2	26-Apr-90	26 F	851.0	03U112	978.1	05-Oct-89	24 A	851.0
					03U112	978.1	02-Nov-89	24 F	850.9
03U111	924.6	24-Nov-87	16 A	862.8	03U112	978.1	21-Dec-89	24 A	850.8
03U111	924.6	30-Nov-87	16 A	863.0	03U112	978.1	11-Jan-90	25 A	850.7
03U111	924.6	14-Dec-87	16 F	861.9	03U112	978.1	01-May-90	26 F	850.8
03U111	924.6	14-Dec-87	16 A	863.3	03U112	978.1	16-May-90	26 A	850.6
03U111	924.6	11-Jan-88	17 A	863.5	03U112	978.1	18-Jul-90	27 F	850.7
03U111	924.6	27-Jan-88	17 F	862.1	03U112	978.1	20-Sep-90	28 F	850.6
03U111	924.6	13-Apr-88	18 F	861.7					
03U111	924.6	02-May-88	18 A	863.0	03U113	974.3	14-Dec-87	16 F	858.3
03U111	924.6	20-May-88	18 A	862.8	03U113	974.3	14-Dec-87	16 A	861.3
03U111	924.6	23-Jun-88	18 A	860.2	03U113	974.3	27-Jan-88	17 F	858.5
03U111	924.6	27-Jul-88	19 A	858.1	03U113	974.3	14-Apr-88	18 F	858.7
03U111	924.6	30-Aug-88	19 F	856.7	03U113	974.3	02-May-88	18 A	861.4
03U111	924.6	01-Sep-88	19 A	858.0	03U113	974.3	20-May-88	18 A	861.1
03U111	924.6	21-Sep-88	19 A	858.2	03U113	974.3	27-Jul-88	19 A	858.0
03U111	924.6	14-Oct-88	20 A	858.4	03U113	974.3	30-Aug-88	19 F	854.5
03U111	924.6	22-Nov-88	20 F	857.3	03U113	974.3	01-Sep-88	19 A	857.1
03U111	924.6	02-Dec-88	20 A	858.7	03U113	974.3	21-Sep-88	19 A	856.9
03U111	924.6	13-Jan-89	21 A	859.0	03U113	974.3	14-Oct-88	20 A	856.8
03U111	924.6	31-Mar-89	21 A	860.9	03U113	974.3	22-Nov-88	20 F	854.1
03U111	924.6	06-Aug-89	23 F	856.6	03U113	974.3	02-Dec-88	20 A	856.9
03U111	924.6	05-Oct-89	24 A	857.9	03U113	974.3	13-Jan-89	21 A	857.1
03U111	924.6	02-Nov-89	24 F	856.6	03U113	974.3	31-Mar-89	21 A	857.1
03U111	924.6	21-Dec-89	24 A	858.1	03U113	974.3	05-Aug-89	23 F	852.6
03U111	924.6	11-Jan-90	25 A	858.3	03U113	974.3	05-Oct-89	24 A	854.6
03U111	924.6	03-May-90	26 F	856.4	03U113	974.3	02-Nov-89	24 F	851.8
03U111	924.6	16-May-90	26 A	858.2	03U113	974.3	21-Dec-89	24 A	854.5
					03U113	974.3	11-Jan-90	25 A	854.4
03U112	978.1	24-Nov-87	16 A	857.5	03U113	974.3	27-Apr-90	26 F	851.8
03U112	978.1	30-Nov-87	16 A	857.5	03U113	974.3	16-May-90	26 A	854.3
03U112	978.1	14-Dec-87	16 F	857.8	03U113	974.3	18-Jul-90	27 F	851.8
03U112	978.1	14-Dec-87	16 A	857.7					
03U112	978.1	11-Jan-88	17 A	857.8	03U114	973.2	14-Dec-87	16 F	857.6
03U112	978.1	26-Jan-88	17 F	857.9	03U114	973.2	26-Jan-88	17 F	857.7
03U112	978.1	14-Apr-88	18 F	858.1	03U114	973.2	14-Apr-88	18 F	857.9
03U112	978.1	02-May-88	18 A	857.8	03U114	973.2	30-Aug-88	19 F	853.8
03U112	978.1	20-May-88	18 A	857.5	03U114	973.2	22-Nov-88	20 F	853.3
03U112	978.1	23-Jun-88	18 A	856.4	03U114	973.2	05-Aug-89	23 F	851.7
03U112	978.1	27-Jul-88	19 A	854.7	03U114	973.2	02-Nov-89	24 F	850.7
03U112	978.1	30-Aug-88	19 F	853.9	03U114	973.2	01-May-90	26 F	850.5

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TABLE I  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U114	973.2	18-Jul-90	27 F	850.4	03U314	975.9	02-Dec-88	20 A	852.4
03U114	973.2	17-Sep-90	28 F	850.2	03U314	975.9	31-Mar-89	21 A	842.7
03U121	970.0	14-Dec-87	16 F	857.3	03U314	975.9	07-Jul-89	23 A	841.7
03U121	970.0	26-Jan-88	17 F	857.6	03U314	975.9	05-Oct-89	24 A	842.5
03U121	970.0	14-Apr-88	18 F	857.6	03U314	975.9	21-Dec-89	24 A	841.5
03U121	970.0	30-Aug-88	19 F	853.4	03U314	975.9	11-Jan-90	25 A	840.1
03U121	970.0	22-Nov-88	20 F	852.9	03U314	975.9	16-May-90	26 A	843.6
03U121	970.0	06-Aug-89	23 F	851.6	03U314	975.9	16-Jul-90	27 A	846.2
03U121	970.0	02-Nov-89	24 F	850.5	03U315	963.1	02-Dec-88	20 A	852.3
03U121	970.0	01-May-90	26 F	850.4	03U315	963.1	13-Jan-89	21 A	852.5
03U121	970.0	18-Jul-90	27 F	850.3	03U315	963.1	31-Mar-89	21 A	845.2
03U121	970.0	17-Sep-90	28 F	850.2	03U315	963.1	07-Jul-89	23 A	844.7
03U124	1004.3	14-Apr-88	18 F	858.2	03U315	963.1	05-Oct-89	24 A	842.8
03U124	1004.3	22-Nov-88	20 F	857.2	03U315	963.1	21-Dec-89	24 A	842.5
03U124	1004.3	06-Aug-89	23 F	852.7	03U315	963.1	11-Jan-90	25 A	842.9
03U124	1004.3	02-Nov-89	24 F	851.9	03U315	963.1	16-May-90	26 A	842.4
03U124	1004.3	27-Apr-90	26 F	851.9	03U315	963.1	16-Jul-90	27 A	841.2
03U124	1004.3	19-Jul-90	27 F	851.9	03U316	954.6	02-Dec-88	20 A	851.6
03U124	1004.3	19-Sep-90	28 F	851.7	03U316	954.6	13-Jan-89	21 A	851.8
03U129	911.2	14-Dec-87	16 F	862.5	03U316	954.6	31-Mar-89	21 A	835.2
03U129	911.2	27-Jan-88	17 F	862.7	03U316	954.6	07-Jul-89	23 A	836.1
03U129	911.2	13-Apr-88	18 F	862.3	03U316	954.6	05-Oct-89	24 A	836.6
03U129	911.2	30-Aug-88	19 F	857.1	03U316	954.6	21-Dec-89	24 A	826.2
03U129	911.2	22-Nov-88	20 F	858.0	03U316	954.6	11-Jan-90	25 A	830.0
03U129	911.2	05-Aug-89	23 F	858.1	03U316	954.6	16-May-90	26 A	833.7
03U129	911.2	02-Nov-89	24 F	857.4	03U316	954.6	16-Jul-90	27 A	831.7
03U129	911.2	25-Apr-90	26 F	857.1	03U317	950.4	02-Dec-88	20 A	851.6
03U301	955.0	27-Jan-88	17 F	854.8	03U317	950.4	13-Jan-89	21 A	851.8
03U301	955.0	14-Apr-88	18 F	855.5	03U317	950.4	31-Mar-89	21 A	845.6
03U301	955.0	02-May-88	18 A	854.2	03U317	950.4	07-Jul-89	23 A	844.7
03U301	955.0	23-Jun-88	18 A	853.2	03U317	950.4	05-Oct-89	24 A	843.8
03U301	955.0	27-Jul-88	19 A	851.5	03U317	950.4	21-Dec-89	24 A	843.7
03U301	955.0	01-Sep-88	19 A	849.8	03U317	950.4	11-Jan-90	25 A	843.5
03U301	955.0	21-Sep-88	19 A	849.9	03U317	950.4	16-May-90	26 A	852.0
03U301	955.0	14-Oct-88	20 A	833.3	03U317	950.4	16-Jul-90	27 A	843.2
03U301	955.0	02-Dec-88	20 A	850.1	03U521	1004.7	14-Dec-87	16 F	858.2
03U301	955.0	13-Jan-89	21 A	850.4	03U521	1004.7	26-Jan-88	17 F	858.4
03U301	955.0	31-Mar-89	21 A	830.5	03U521	1004.7	13-Apr-88	18 F	858.1
03U301	955.0	05-Oct-89	24 A	831.4	03U521	1004.7	30-Aug-88	19 F	853.7
03U301	955.0	21-Dec-89	24 A	827.1	03U521	1004.7	22-Nov-88	20 F	853.6
03U301	955.0	11-Jan-90	25 A	831.0	03U521	1004.7	06-Aug-89	23 F	852.2
03U301	955.0	16-May-90	26 A	845.5	03U521	1004.7	02-Nov-89	24 F	851.6
03U301	955.0	16-Jul-90	27 A	829.4	03U521	1004.7	25-Apr-90	26 F	851.6
					03U521	1004.7	19-Jul-90	27 F	851.6

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

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GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U647	959.4	14-Dec-87	16 F	854.9	03U658	963.0	27-Jan-88	17 F	855.7
03U647	959.4	27-Jan-88	17 F	855.0	03U658	963.0	14-Apr-88	18 F	856.3
03U647	959.4	14-Apr-88	18 F	855.9	03U658	963.0	02-May-88	18 A	855.9
03U647	959.4	02-May-88	18 A	855.4	03U658	963.0	20-May-88	18 A	855.6
03U647	959.4	20-May-88	18 A	855.0	03U658	963.0	23-Jun-88	18 A	854.5
03U647	959.4	23-Jun-88	18 A	854.1	03U658	963.0	27-Jul-88	19 A	853.1
03U647	959.4	27-Jul-88	19 A	852.6	03U658	963.0	30-Aug-88	19 F	852.1
03U647	959.4	30-Aug-88	19 F	851.5	03U658	963.0	01-Sep-88	19 A	852.0
03U647	959.4	01-Sep-88	19 A	851.4	03U658	963.0	21-Sep-88	19 A	851.7
03U647	959.4	21-Sep-88	19 A	851.1	03U658	963.0	14-Oct-88	20 A	851.5
03U647	959.4	14-Oct-88	20 A	850.9	03U658	963.0	23-Nov-88	20 F	853.0
03U647	959.4	23-Nov-88	20 F	851.4	03U658	963.0	02-Dec-88	20 A	851.8
03U647	959.4	02-Dec-88	20 A	851.0	03U658	963.0	13-Jan-89	21 A	852.1
03U647	959.4	13-Jan-89	21 A	851.5	03U658	963.0	31-Mar-89	21 A	850.8
03U647	959.4	31-Mar-89	21 A	849.8	03U658	963.0	05-Aug-89	23 F	849.4
03U647	959.4	05-Aug-89	23 F	848.7	03U658	963.0	05-Oct-89	24 A	848.5
03U647	959.4	05-Oct-89	24 A	847.9	03U658	963.0	03-Nov-89	24 F	848.3
03U647	959.4	03-Nov-89	24 F	847.7	03U658	963.0	21-Dec-89	24 A	848.3
03U647	959.4	21-Dec-89	24 A	847.5	03U658	963.0	11-Jan-90	25 A	848.0
03U647	959.4	11-Jan-90	25 A	847.4	03U658	963.0	16-May-90	26 A	848.0
03U647	959.4	16-May-90	26 A	847.2					
03U648	959.0	14-Dec-87	16 A	854.0	03U659	956.3	14-Dec-87	16 A	853.8
03U648	959.0	14-Dec-87	16 F	854.9	03U659	956.3	11-Jan-88	17 A	854.0
03U648	959.0	11-Jan-88	17 A	855.0	03U659	956.3	27-Jan-88	17 F	854.0
03U648	959.0	27-Jan-88	17 F	855.0	03U659	956.3	14-Apr-88	18 F	855.2
03U648	959.0	14-Apr-88	18 F	855.8	03U659	956.3	02-May-88	18 A	854.6
03U648	959.0	02-May-88	18 A	855.4	03U659	956.3	20-May-88	18 A	854.1
03U648	959.0	20-May-88	18 A	855.0	03U659	956.3	23-Jun-88	18 A	853.5
03U648	959.0	23-Jun-88	18 A	854.1	03U659	956.3	27-Jul-88	19 A	851.9
03U648	959.0	27-Jul-88	19 A	852.5	03U659	956.3	30-Aug-88	19 F	850.6
03U648	959.0	30-Aug-88	19 F	851.4	03U659	956.3	01-Sep-88	19 A	850.5
03U648	959.0	01-Sep-88	19 A	851.3	03U659	956.3	21-Sep-88	19 A	850.5
03U648	959.0	21-Sep-88	19 A	851.1	03U659	956.3	14-Oct-88	20 A	849.9
03U648	959.0	14-Oct-88	20 A	850.9	03U659	956.3	23-Nov-88	20 F	850.6
03U648	959.0	23-Nov-88	20 F	851.3	03U659	956.3	02-Dec-88	20 A	850.4
03U648	959.0	02-Dec-88	20 A	851.0	03U659	956.3	13-Jan-89	21 A	850.7
03U648	959.0	13-Jan-89	21 A	851.4	03U659	956.3	31-Mar-89	21 A	848.5
03U648	959.0	31-Mar-89	21 A	849.9	03U659	956.3	05-Aug-89	23 F	847.5
03U648	959.0	05-Aug-89	23 F	848.6	03U659	956.3	05-Oct-89	24 A	846.6
03U648	959.0	05-Oct-89	24 A	847.8	03U659	956.3	03-Nov-89	24 F	846.4
03U648	959.0	03-Nov-89	24 F	847.6	03U659	956.3	21-Dec-89	24 A	846.2
03U648	959.0	21-Dec-89	24 A	847.5	03U659	956.3	11-Jan-90	25 A	846.0
03U648	959.0	11-Jan-90	25 A	847.3	03U659	956.3	16-May-90	26 A	846.0
03U648	959.0	16-May-90	26 A	847.2					
03U658	963.0	14-Dec-87	16 A	855.5	03U671	930.2	24-Nov-87	16 A	851.6
03U658	963.0	11-Jan-88	17 A	855.7	03U671	930.2	30-Nov-87	16 A	851.7
					03U671	930.2	14-Dec-87	16 A	851.7
					03U671	930.2	15-Dec-87	16 F	851.6

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U671	930.2	11-Jan-88	17 A	851.9	03U672	922.7	16-Jul-90	27 A	845.0
03U671	930.2	28-Jan-88	17 F	851.8					
03U671	930.2	13-Apr-88	18 F	854.0	03U673	896.8	17-Nov-87	16 A	847.2
03U671	930.2	02-May-88	18 A	852.7	03U673	896.8	24-Nov-87	16 A	846.6
03U671	930.2	20-May-88	18 A	851.8	03U673	896.8	30-Nov-87	16 A	847.0
03U671	930.2	23-Jun-88	18 A	851.5	03U673	896.8	14-Dec-87	16 A	847.2
03U671	930.2	27-Jul-88	19 A	850.0	03U673	896.8	14-Dec-87	16 F	846.1
03U671	930.2	30-Aug-88	19 F	848.7	03U673	896.8	11-Jan-88	17 A	846.3
03U671	930.2	01-Sep-88	19 A	848.5	03U673	896.8	27-Jan-88	17 F	846.2
03U671	930.2	21-Sep-88	19 A	848.1	03U673	896.8	13-Apr-88	18 F	847.6
03U671	930.2	14-Oct-88	20 A	847.9	03U673	896.8	02-May-88	18 A	846.9
03U671	930.2	23-Nov-88	20 F	848.9	03U673	896.8	20-May-88	18 A	846.5
03U671	930.2	02-Dec-88	20 A	849.2	03U673	896.8	23-Jun-88	18 A	845.5
03U671	930.2	13-Jan-89	21 A	849.3	03U673	896.8	27-Jul-88	19 A	844.6
03U671	930.2	31-Mar-89	21 A	846.3	03U673	896.8	30-Aug-88	19 F	843.6
03U671	930.2	07-Aug-89	23 F	845.0	03U673	896.8	01-Sep-88	19 A	843.6
03U671	930.2	05-Oct-89	24 A	844.5	03U673	896.8	21-Sep-88	19 A	843.2
03U671	930.2	02-Nov-89	24 F	843.8	03U673	896.8	14-Oct-88	20 A	843.4
03U671	930.2	21-Dec-89	24 A	843.3	03U673	896.8	23-Nov-88	20 F	844.9
03U671	930.2	11-Jan-90	25 A	843.4	03U673	896.8	02-Dec-88	20 A	843.4
03U671	930.2	16-May-90	26 A	843.4	03U673	896.8	13-Jan-89	21 A	843.8
					03U673	896.8	31-Mar-89	21 A	841.9
03U672	922.7	17-Nov-87	16 A	853.7	03U673	896.8	07-Jul-89	23 A	840.4
03U672	922.7	30-Nov-87	16 A	853.5	03U673	896.8	03-Aug-89	23 F	840.5
03U672	922.7	14-Dec-87	16 F	853.2	03U673	896.8	05-Oct-89	24 A	840.1
03U672	922.7	14-Dec-87	16 A	853.7	03U673	896.8	02-Nov-89	24 F	839.4
03U672	922.7	11-Jan-88	17 A	853.2	03U673	896.8	21-Dec-89	24 A	839.1
03U672	922.7	28-Jan-88	17 F	853.4	03U673	896.8	11-Jan-90	25 A	839.3
03U672	922.7	13-Apr-88	18 F	854.7	03U673	896.8	16-May-90	26 A	839.1
03U672	922.7	02-May-88	18 A	854.1	03U673	896.8	16-Jul-90	27 A	838.8
03U672	922.7	20-May-88	18 A	853.6					
03U672	922.7	23-Jun-88	18 A	853.0	03U674	955.0	14-Dec-87	16 A	852.8
03U672	922.7	27-Jul-88	19 A	851.6	03U674	955.0	15-Dec-87	16 F	853.4
03U672	922.7	30-Aug-88	19 F	850.4	03U674	955.0	27-Jan-88	17 F	854.2
03U672	922.7	01-Sep-88	19 A	850.3	03U674	955.0	13-Apr-88	18 F	855.7
03U672	922.7	21-Sep-88	19 A	851.1	03U674	955.0	02-May-88	18 A	854.4
03U672	922.7	14-Oct-88	20 A	849.7	03U674	955.0	20-May-88	18 A	853.7
03U672	922.7	23-Nov-88	20 F	850.0	03U674	955.0	23-Jun-88	18 A	853.4
03U672	922.7	02-Dec-88	20 A	849.9	03U674	955.0	27-Jul-88	19 A	851.6
03U672	922.7	13-Jan-89	21 A	850.3	03U674	955.0	30-Aug-88	19 F	850.3
03U672	922.7	31-Mar-89	21 A	847.9	03U674	955.0	01-Sep-88	19 A	850.0
03U672	922.7	07-Jul-89	23 A	846.8	03U674	955.0	21-Sep-88	19 A	850.2
03U672	922.7	03-Aug-89	23 F	846.6	03U674	955.0	14-Oct-88	20 A	849.1
03U672	922.7	05-Oct-89	24 A	845.9	03U674	955.0	23-Nov-88	20 F	851.0
03U672	922.7	02-Nov-89	24 F	845.5	03U674	955.0	02-Dec-88	20 A	850.3
03U672	922.7	21-Dec-89	24 A	845.6	03U674	955.0	13-Jan-89	21 A	850.6
03U672	922.7	11-Jan-90	25 A	845.5	03U674	955.0	31-Mar-89	21 A	847.5
03U672	922.7	16-May-90	26 A	845.4	03U674	955.0	05-Aug-89	23 F	847.3

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE I  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U674	955.0	05-Oct-89	24 A	845.7	03U702	908.5	30-Nov-87	16 A	849.3
03U674	955.0	02-Nov-89	24 F	846.2	03U702	908.5	14-Dec-87	16 F	849.0
03U674	955.0	21-Dec-89	24 A	845.2	03U702	908.5	11-Jan-88	17 A	849.4
03U674	955.0	11-Jan-90	25 A	845.1	03U702	908.5	27-Jan-88	17 F	849.1
03U674	955.0	16-May-90	26 A	845.6	03U702	908.5	13-Apr-88	18 F	850.6
03U676	959.5	02-May-88	18 A	855.2	03U702	908.5	02-May-88	18 A	849.3
03U676	959.5	20-May-88	18 A	854.7	03U702	908.5	20-May-88	18 A	848.7
03U676	959.5	23-Jun-88	18 A	853.9	03U702	908.5	23-Jun-88	18 A	846.9
03U676	959.5	27-Jul-88	19 A	852.4	03U702	908.5	27-Jul-88	19 A	846.1
03U676	959.5	01-Sep-88	19 A	851.1	03U702	908.5	30-Aug-88	19 F	845.2
03U676	959.5	21-Sep-88	19 A	851.0	03U702	908.5	01-Sep-88	19 A	845.2
03U676	959.5	14-Oct-88	20 A	850.5	03U702	908.5	21-Sep-88	19 A	845.2
03U676	959.5	02-Dec-88	20 A	850.9	03U702	908.5	14-Oct-88	20 A	845.2
03U676	959.5	13-Jan-89	21 A	851.3	03U702	908.5	23-Nov-88	20 F	846.6
03U676	959.5	31-Mar-89	21 A	849.5	03U702	908.5	02-Dec-88	20 A	846.3
03U676	959.5	05-Oct-89	24 A	847.4	03U702	908.5	13-Jan-89	21 A	846.6
03U676	959.5	21-Dec-89	24 A	847.0	03U702	908.5	31-Mar-89	21 A	843.2
03U676	959.5	11-Jan-90	25 A	846.9	03U702	908.5	05-Aug-89	23 F	841.3
03U701	909.0	17-Nov-87	16 A	849.2	03U702	908.5	05-Oct-89	24 A	840.9
03U701	909.0	24-Nov-87	16 A	849.3	03U702	908.5	03-Nov-89	24 F	840.0
03U701	909.0	30-Nov-87	16 A	849.6	03U702	908.5	21-Dec-89	24 A	840.0
03U701	909.0	14-Dec-87	16 F	849.3	03U702	908.5	11-Jan-90	25 A	840.8
03U701	909.0	11-Jan-88	17 A	849.7	03U702	908.5	16-May-90	26 A	840.8
03U701	909.0	27-Jan-88	17 F	849.5	03U703	918.9	17-Nov-87	16 A	849.1
03U701	909.0	13-Apr-88	18 F	851.1	03U703	918.9	24-Nov-87	16 A	849.3
03U701	909.0	02-May-88	18 A	849.7	03U703	918.9	30-Nov-87	16 A	849.4
03U701	909.0	20-May-88	18 A	849.1	03U703	918.9	14-Dec-87	16 A	849.6
03U701	909.0	23-Jun-88	18 A	847.4	03U703	918.9	11-Jan-88	17 A	849.9
03U701	909.0	27-Jul-88	19 A	846.6	03U703	918.9	27-Jan-88	17 F	849.7
03U701	909.0	30-Aug-88	19 F	845.6	03U703	918.9	13-Apr-88	18 F	853.9
03U701	909.0	01-Sep-88	19 A	845.7	03U703	918.9	02-May-88	18 A	850.8
03U701	909.0	21-Sep-88	19 A	845.5	03U703	918.9	20-May-88	18 A	849.7
03U701	909.0	14-Oct-88	20 A	845.6	03U703	918.9	23-Jun-88	18 A	849.8
03U701	909.0	23-Nov-88	20 F	847.0	03U703	918.9	27-Jul-88	19 A	847.5
03U701	909.0	02-Dec-88	20 A	846.7	03U703	918.9	30-Aug-88	19 F	847.9
03U701	909.0	13-Jan-89	21 A	847.0	03U703	918.9	01-Sep-88	19 A	847.5
03U701	909.0	31-Mar-89	21 A	843.5	03U703	918.9	21-Sep-88	19 A	847.1
03U701	909.0	05-Aug-89	23 F	841.8	03U703	918.9	14-Oct-88	20 A	845.9
03U701	909.0	05-Oct-89	24 A	841.3	03U703	918.9	23-Nov-88	20 F	849.6
03U701	909.0	03-Nov-89	24 F	841.4	03U703	918.9	02-Dec-88	20 A	849.3
03U701	909.0	21-Dec-89	24 A	840.9	03U703	918.9	13-Jan-89	21 A	847.2
03U701	909.0	11-Jan-90	25 A	841.1	03U703	918.9	31-Mar-89	21 A	843.8
03U701	909.0	16-May-90	26 A	841.2	03U703	918.9	05-Aug-89	23 F	842.7
03U702	908.5	17-Nov-87	16 A	848.8	03U703	918.9	05-Oct-89	24 A	842.2
03U702	908.5	24-Nov-87	16 A	849.0	03U703	918.9	02-Nov-89	24 F	841.8
					03U703	918.9	21-Dec-89	24 A	842.2
					03U703	918.9	11-Jan-90	25 A	841.3

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U703	918.9	16-May-90	26 A	840.8	03U705	1047.5	11-Jan-90	25 A	853.8
03U704	976.5	24-Nov-87	16 A	859.3	03U705	1047.5	24-Apr-90	26 F	853.9
03U704	976.5	30-Nov-87	16 A	859.4	03U705	1047.5	16-May-90	26 A	853.7
03U704	976.5	14-Dec-87	16 F	859.6	03U705	1047.5	19-Jul-90	27 F	853.9
03U704	976.5	11-Jan-88	17 A	859.8	03U705	1047.5	21-Sep-90	28 F	853.8
03U704	976.5	27-Jan-88	17 F	859.8	03U706	918.4	24-Nov-87	16 A	859.4
03U704	976.5	13-Apr-88	18 F	856.5	03U706	918.4	30-Nov-87	16 A	859.5
03U704	976.5	02-May-88	18 A	859.5	03U706	918.4	14-Dec-87	16 A	859.7
03U704	976.5	20-May-88	18 A	859.2	03U706	918.4	14-Dec-87	16 F	859.8
03U704	976.5	23-Jun-88	18 A	856.8	03U706	918.4	11-Jan-88	17 A	859.9
03U704	976.5	27-Jul-88	19 A	855.2	03U706	918.4	27-Jan-88	17 F	860.0
03U704	976.5	30-Aug-88	19 F	854.8	03U706	918.4	13-Apr-88	18 F	859.1
03U704	976.5	01-Sep-88	19 A	854.8	03U706	918.4	02-May-88	18 A	859.5
03U704	976.5	21-Sep-88	19 A	854.7	03U706	918.4	20-May-88	18 A	859.2
03U704	976.5	14-Oct-88	20 A	854.7	03U706	918.4	23-Jun-88	18 A	856.4
03U704	976.5	23-Nov-88	20 F	854.5	03U706	918.4	27-Jul-88	19 A	855.0
03U704	976.5	02-Dec-88	20 A	854.6	03U706	918.4	30-Aug-88	19 F	854.9
03U704	976.5	13-Jan-89	21 A	854.9	03U706	918.4	01-Sep-88	19 A	854.8
03U704	976.5	31-Mar-89	21 A	847.0	03U706	918.4	21-Sep-88	19 A	854.7
03U704	976.5	07-Jul-89	23 A	854.7	03U706	918.4	14-Oct-88	20 A	854.9
03U704	976.5	05-Aug-89	23 F	853.6	03U706	918.4	23-Nov-88	20 F	854.9
03U704	976.5	05-Oct-89	24 A	853.2	03U706	918.4	02-Dec-88	20 A	854.8
03U704	976.5	02-Nov-89	24 F	853.6	03U706	918.4	13-Jan-89	21 A	855.2
03U704	976.5	21-Dec-89	24 A	853.4	03U706	918.4	31-Mar-89	21 A	856.3
03U704	976.5	11-Jan-90	25 A	853.3	03U706	918.4	07-Jul-89	23 A	854.7
03U704	976.5	27-Apr-90	26 F	853.3	03U706	918.4	05-Aug-89	23 F	854.0
03U704	976.5	16-May-90	26 A	853.2	03U706	918.4	05-Oct-89	24 A	853.3
03U704	976.5	16-Jul-90	27 A	853.4	03U706	918.4	04-Nov-89	24 F	853.6
03U705	1047.5	24-Nov-87	16 A	859.5	03U706	918.4	21-Dec-89	24 A	853.7
03U705	1047.5	30-Nov-87	16 A	859.6	03U706	918.4	11-Jan-90	25 A	853.7
03U705	1047.5	14-Dec-87	16 A	859.9	03U706	918.4	16-May-90	26 A	853.5
03U705	1047.5	15-Dec-87	16 F	859.9	03U706	918.4	16-Jul-90	27 A	853.7
03U705	1047.5	11-Jan-88	17 A	860.1	03U707	916.3	24-Nov-87	16 A	859.9
03U705	1047.5	27-Jan-88	17 F	860.2	03U707	916.3	30-Nov-87	16 A	860.1
03U705	1047.5	13-Apr-88	18 F	858.9	03U707	916.3	14-Dec-87	16 A	860.2
03U705	1047.5	02-May-88	18 A	859.8	03U707	916.3	11-Jan-88	17 A	860.4
03U705	1047.5	20-May-88	18 A	859.5	03U707	916.3	27-Jan-88	17 F	860.4
03U705	1047.5	23-Jun-88	18 A	857.1	03U707	916.3	13-Apr-88	18 F	859.3
03U705	1047.5	27-Jul-88	19 A	855.4	03U707	916.3	02-May-88	18 A	860.0
03U705	1047.5	30-Aug-88	19 F	855.1	03U707	916.3	20-May-88	18 A	859.6
03U705	1047.5	01-Sep-88	19 A	855.0	03U707	916.3	23-Jun-88	18 A	856.7
03U705	1047.5	21-Sep-88	19 A	855.0	03U707	916.3	27-Jul-88	19 A	855.1
03U705	1047.5	14-Oct-88	20 A	855.0	03U707	916.3	30-Aug-88	19 F	855.1
03U705	1047.5	05-Aug-89	23 F	854.3	03U707	916.3	01-Sep-88	19 A	855.1
03U705	1047.5	05-Oct-89	24 A	853.6	03U707	916.3	21-Sep-88	19 A	855.1
03U705	1047.5	21-Dec-89	24 A	853.9	03U707	916.3	14-Oct-88	20 A	855.4

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U707	916.3	23-Nov-88	20 F	855.4	03U709	910.2	30-Aug-88	19 F	847.1
03U707	916.3	02-Dec-88	20 A	855.5	03U709	910.2	01-Sep-88	19 A	846.9
03U707	916.3	13-Jan-89	21 A	855.8	03U709	910.2	21-Sep-88	19 A	846.4
03U707	916.3	31-Mar-89	21 A	857.0	03U709	910.2	14-Oct-88	20 A	846.6
03U707	916.3	05-Aug-89	23 F	854.2	03U709	910.2	23-Nov-88	20 F	848.0
03U707	916.3	05-Oct-89	24 A	854.0	03U709	910.2	02-Dec-88	20 A	848.2
03U707	916.3	04-Nov-89	24 F	854.2	03U709	910.2	13-Jan-89	21 A	848.1
03U707	916.3	21-Dec-89	24 A	854.4	03U709	910.2	31-Mar-89	21 A	844.6
03U707	916.3	11-Jan-90	25 A	854.5	03U709	910.2	05-Aug-89	23 F	843.0
03U707	916.3	16-May-90	26 A	854.3	03U709	910.2	05-Oct-89	24 A	842.7
					03U709	910.2	02-Nov-89	24 F	842.4
03U708	919.9	17-Nov-87	16 A	851.5	03U709	910.2	21-Dec-89	24 A	841.9
03U708	919.9	24-Nov-87	16 A	851.1	03U709	910.2	11-Jan-90	25 A	841.7
03U708	919.9	30-Nov-87	16 A	851.1	03U709	910.2	16-May-90	26 A	841.9
03U708	919.9	14-Dec-87	16 F	850.9					
03U708	919.9	11-Jan-88	17 A	851.4	03U710	945.0	17-Nov-87	16 A	851.3
03U708	919.9	27-Jan-88	17 F	851.2	03U710	945.0	24-Nov-87	16 A	851.5
03U708	919.9	13-Apr-88	18 F	853.6	03U710	945.0	30-Nov-87	16 A	851.6
03U708	919.9	02-May-88	18 A	852.1	03U710	945.0	14-Dec-87	16 A	851.4
03U708	919.9	20-May-88	18 A	851.2	03U710	945.0	11-Jan-88	17 A	851.8
03U708	919.9	23-Jun-88	18 A	851.0	03U710	945.0	27-Jan-88	17 F	850.6
03U708	919.9	27-Jul-88	19 A	849.6	03U710	945.0	13-Apr-88	18 F	854.1
03U708	919.9	30-Aug-88	19 F	848.1	03U710	945.0	02-May-88	18 A	852.5
03U708	919.9	01-Sep-88	19 A	848.0	03U710	945.0	20-May-88	18 A	851.8
03U708	919.9	21-Sep-88	19 A	847.6	03U710	945.0	23-Jun-88	18 A	851.6
03U708	919.9	14-Oct-88	20 A	847.5	03U710	945.0	27-Jul-88	19 A	849.9
03U708	919.9	23-Nov-88	20 F	848.6	03U710	945.0	30-Aug-88	19 F	848.8
03U708	919.9	02-Dec-88	20 A	849.0	03U710	945.0	01-Sep-88	19 A	848.5
03U708	919.9	13-Jan-89	21 A	848.9	03U710	945.0	21-Sep-88	19 A	848.3
03U708	919.9	31-Mar-89	21 A	845.7	03U710	945.0	14-Oct-88	20 A	847.9
03U708	919.9	05-Aug-89	23 F	844.4	03U710	945.0	23-Nov-88	20 F	849.0
03U708	919.9	05-Oct-89	24 A	843.9	03U710	945.0	02-Dec-88	20 A	849.5
03U708	919.9	02-Nov-89	24 F	843.3	03U710	945.0	13-Jan-89	21 A	849.0
03U708	919.9	21-Dec-89	24 A	842.9	03U710	945.0	31-Mar-89	21 A	845.7
03U708	919.9	11-Jan-90	25 A	842.7	03U710	945.0	05-Aug-89	23 F	844.6
03U708	919.9	16-May-90	26 A	842.8	03U710	945.0	05-Oct-89	24 A	843.9
					03U710	945.0	02-Nov-89	24 F	843.1
03U709	910.2	17-Nov-87	16 A	850.3	03U710	945.0	21-Dec-89	24 A	843.6
03U709	910.2	24-Nov-87	16 A	850.3	03U710	945.0	11-Jan-90	25 A	843.0
03U709	910.2	30-Nov-87	16 A	850.3	03U710	945.0	16-May-90	26 A	842.9
03U709	910.2	14-Dec-87	16 A	850.3					
03U709	910.2	11-Jan-88	17 A	850.5	03U711	906.4	24-Nov-87	16 A	849.9
03U709	910.2	27-Jan-88	17 F	850.3	03U711	906.4	30-Nov-87	16 A	849.9
03U709	910.2	13-Apr-88	18 F	852.6	03U711	906.4	14-Dec-87	16 F	849.6
03U709	910.2	02-May-88	18 A	850.8	03U711	906.4	11-Jan-88	17 A	850.2
03U709	910.2	20-May-88	18 A	850.1	03U711	906.4	26-Jan-88	17 F	849.7
03U709	910.2	23-Jun-88	18 A	849.5	03U711	906.4	13-Apr-88	18 F	852.4
03U709	910.2	27-Jul-88	19 A	848.4	03U711	906.4	02-May-88	18 A	850.2

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U711	906.4	20-May-88	18 A	849.7	03U801	912.3	23-Jun-88	18 A	849.4
03U711	906.4	23-Jun-88	18 A	849.0	03U801	912.3	27-Jul-88	19 A	848.7
03U711	906.4	27-Jul-88	19 A	848.2	03U801	912.3	30-Aug-88	19 F	847.4
03U711	906.4	30-Aug-88	19 F	846.8	03U801	912.3	01-Sep-88	19 A	847.0
03U711	906.4	01-Sep-88	19 A	846.9	03U801	912.3	21-Sep-88	19 A	846.6
03U711	906.4	21-Sep-88	19 A	846.4	03U801	912.3	14-Oct-88	20 A	846.9
03U711	906.4	14-Oct-88	20 A	846.5	03U801	912.3	23-Nov-88	20 F	848.4
03U711	906.4	23-Nov-88	20 F	847.8	03U801	912.3	02-Dec-88	20 A	848.2
03U711	906.4	02-Dec-88	20 A	847.6	03U801	912.3	13-Jan-89	21 A	847.2
03U711	906.4	13-Jan-89	21 A	847.7	03U801	912.3	31-Mar-89	21 A	844.1
03U711	906.4	31-Mar-89	21 A	843.9	03U801	912.3	03-Aug-89	23 F	843.0
03U711	906.4	07-Jul-89	23 A	842.7	03U801	912.3	05-Oct-89	24 A	842.2
03U711	906.4	05-Aug-89	23 F	842.7	03U801	912.3	03-Nov-89	24 F	842.0
03U711	906.4	05-Oct-89	24 A	842.0	03U801	912.3	21-Dec-89	24 A	842.0
03U711	906.4	03-Nov-89	24 F	841.9	03U801	912.3	11-Jan-90	25 A	841.8
03U711	906.4	21-Dec-89	24 A	841.3	03U801	912.3	16-May-90	26 A	841.5
03U711	906.4	11-Jan-90	25 A	841.1	03U801	912.3	16-Jul-90	27 A	841.2
03U711	906.4	16-May-90	26 A	841.4					
03U711	906.4	16-Jul-90	27 A	840.1	03U803	898.1	17-Nov-87	16 A	849.7
					03U803	898.1	24-Nov-87	16 A	849.6
03U715	961.1	02-Dec-88	20 A	852.3	03U803	898.1	30-Nov-87	16 A	849.5
03U715	961.1	13-Jan-89	21 A	852.5	03U803	898.1	14-Dec-87	16 A	848.9
03U715	961.1	31-Mar-89	21 A	851.1	03U803	898.1	11-Jan-88	17 A	849.0
03U715	961.1	07-Jul-89	23 A	850.2	03U803	898.1	26-Jan-88	17 F	848.9
03U715	961.1	05-Oct-89	24 A	848.9	03U803	898.1	13-Apr-88	18 F	851.0
03U715	961.1	21-Dec-89	24 A	848.4	03U803	898.1	02-May-88	18 A	849.6
03U715	961.1	11-Jan-90	25 A	848.3	03U803	898.1	20-May-88	18 A	849.2
03U715	961.1	16-May-90	26 A	848.3	03U803	898.1	23-Jun-88	18 A	848.4
03U715	961.1	16-Jul-90	27 A	848.2	03U803	898.1	27-Jul-88	19 A	847.7
					03U803	898.1	30-Aug-88	19 F	846.7
03U716	950.3	02-Dec-88	20 A	851.6	03U803	898.1	01-Sep-88	19 A	846.6
03U716	950.3	31-Mar-89	21 A	849.9	03U803	898.1	21-Sep-88	19 A	846.0
03U716	950.3	07-Jul-89	23 A	848.7	03U803	898.1	14-Oct-88	20 A	846.1
03U716	950.3	05-Oct-89	24 A	847.8	03U803	898.1	23-Nov-88	20 F	846.9
03U716	950.3	21-Dec-89	24 A	847.1	03U803	898.1	02-Dec-88	20 A	846.5
03U716	950.3	11-Jan-90	25 A	847.1	03U803	898.1	13-Jan-89	21 A	846.6
03U716	950.3	16-May-90	26 A	847.2	03U803	898.1	31-Mar-89	21 A	844.0
03U716	950.3	16-Jul-90	27 A	847.0	03U803	898.1	03-Aug-89	23 F	842.7
					03U803	898.1	05-Oct-89	24 A	841.7
03U801	912.3	17-Nov-87	16 A	850.1	03U803	898.1	03-Nov-89	24 F	841.8
03U801	912.3	24-Nov-87	16 A	850.4	03U803	898.1	21-Dec-89	24 A	841.3
03U801	912.3	30-Nov-87	16 A	850.1	03U803	898.1	11-Jan-90	25 A	841.4
03U801	912.3	14-Dec-87	16 A	849.9	03U803	898.1	16-May-90	26 A	841.1
03U801	912.3	11-Jan-88	17 A	850.7					
03U801	912.3	26-Jan-88	17 F	850.0	03U804	910.2	24-Nov-87	16 A	850.0
03U801	912.3	13-Apr-88	18 F	853.1	03U804	910.2	30-Nov-87	16 A	849.8
03U801	912.3	02-May-88	18 A	850.6	03U804	910.2	14-Dec-87	16 F	849.5
03U801	912.3	20-May-88	18 A	850.0	03U804	910.2	11-Jan-88	17 A	850.7

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.



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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U804	910.2	26-Jan-88	17 F	849.7	03U806	909.6	14-Dec-87	16 A	848.4
03U804	910.2	13-Apr-88	18 F	852.6	03U806	909.6	11-Jan-88	17 A	848.9
03U804	910.2	02-May-88	18 A	850.1	03U806	909.6	27-Jan-88	17 F	848.3
03U804	910.2	20-May-88	18 A	849.7	03U806	909.6	13-Apr-88	18 F	850.3
03U804	910.2	23-Jun-88	18 A	848.9	03U806	909.6	02-May-88	18 A	848.7
03U804	910.2	27-Jul-88	19 A	848.5	03U806	909.6	20-May-88	18 A	848.1
03U804	910.2	30-Aug-88	19 F	847.0	03U806	909.6	23-Jun-88	18 A	846.4
03U804	910.2	01-Sep-88	19 A	847.2	03U806	909.6	27-Jul-88	19 A	845.7
03U804	910.2	21-Sep-88	19 A	846.5	03U806	909.6	30-Aug-88	19 F	844.9
03U804	910.2	14-Oct-88	20 A	846.9	03U806	909.6	01-Sep-88	19 A	845.0
03U804	910.2	23-Nov-88	20 F	848.0	03U806	909.6	21-Sep-88	19 A	844.6
03U804	910.2	02-Dec-88	20 A	847.9	03U806	909.6	14-Oct-88	20 A	844.8
03U804	910.2	13-Jan-89	21 A	847.6	03U806	909.6	23-Nov-88	20 F	846.1
03U804	910.2	31-Mar-89	21 A	843.9	03U806	909.6	02-Dec-88	20 A	845.9
03U804	910.2	03-Aug-89	23 F	842.6	03U806	909.6	13-Jan-89	21 A	846.2
03U804	910.2	05-Oct-89	24 A	841.9	03U806	909.6	31-Mar-89	21 A	842.6
03U804	910.2	03-Nov-89	24 F	841.9	03U806	909.6	03-Aug-89	23 F	841.0
03U804	910.2	21-Dec-89	24 A	841.4	03U806	909.6	05-Oct-89	24 A	840.4
03U804	910.2	11-Jan-90	25 A	841.4	03U806	909.6	03-Nov-89	24 F	840.5
03U804	910.2	16-May-90	26 A	841.3	03U806	909.6	21-Dec-89	24 A	839.9
03U805	905.1	17-Nov-87	16 A	848.6	03U806	909.6	11-Jan-90	25 A	840.2
03U805	905.1	24-Nov-87	16 A	848.7	03U806	909.6	16-May-90	26 A	840.3
03U805	905.1	14-Dec-87	16 F	848.2	03U806	909.6	16-Jul-90	27 A	839.9
03U805	905.1	11-Jan-88	17 A	849.3	03U811	909.0	14-Dec-87	16 F	847.3
03U805	905.1	27-Jan-88	17 F	848.1	03U811	909.0	27-Jan-88	17 F	847.3
03U805	905.1	13-Apr-88	18 F	850.8	03U811	909.0	13-Apr-88	18 F	848.7
03U805	905.1	02-May-88	18 A	848.6	03U811	909.0	30-Aug-88	19 F	843.5
03U805	905.1	20-May-88	18 A	848.1	03U811	909.0	23-Nov-88	20 F	844.9
03U805	905.1	27-Jul-88	19 A	846.5	03U811	909.0	04-May-89	22 F	839.8
03U805	905.1	30-Aug-88	19 F	845.2	03U811	909.0	06-Aug-89	23 F	840.2
03U805	905.1	01-Sep-88	19 A	845.5	03U811	909.0	03-Nov-89	24 F	839.7
03U805	905.1	21-Sep-88	19 A	844.7	03U811	909.0	26-Apr-90	26 F	839.9
03U805	905.1	14-Oct-88	20 A	845.3	03U815	872.5	14-Dec-87	16 F	838.9
03U805	905.1	23-Nov-88	20 F	846.5	03U815	872.5	26-Jan-88	17 F	838.9
03U805	905.1	02-Dec-88	20 A	846.4	03U815	872.5	13-Apr-88	18 F	839.7
03U805	905.1	13-Jan-89	21 A	846.2	03U815	872.5	30-Aug-88	19 F	835.0
03U805	905.1	31-Mar-89	21 A	842.5	03U815	872.5	23-Nov-88	20 F	835.5
03U805	905.1	03-Aug-89	23 F	841.0	03U815	872.5	06-Aug-89	23 F	831.5
03U805	905.1	05-Oct-89	24 A	840.3	03U815	872.5	03-Nov-89	24 F	832.8
03U805	905.1	03-Nov-89	24 F	840.4	03U821	877.5	14-Dec-87	16 F	837.5
03U805	905.1	21-Dec-89	24 A	839.8	03U821	877.5	26-Jan-88	17 F	837.6
03U805	905.1	11-Jan-90	25 A	840.0	03U821	877.5	13-Apr-88	18 F	838.2
03U805	905.1	16-May-90	26 A	840.0	03U821	877.5	30-Aug-88	19 F	833.6
03U806	909.6	17-Nov-87	16 A	848.7	03U821	877.5	23-Nov-88	20 F	834.9
03U806	909.6	24-Nov-87	16 A	848.8	03U821	877.5	10-May-89	22 F	831.2
03U806	909.6	30-Nov-87	16 A	848.6					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
03U821	877.5	06-Aug-89	23 F	830.8	04J077	912.3	11-Jan-90	25 A	836.7
03U821	877.5	03-Nov-89	24 F	831.3	04J077	912.3	16-May-90	26 A	837.3
03U821	877.5	01-May-90	26 F	801.3					
03U821	877.5	23-Jul-90	27 F	830.5	04J702	908.3	02-Dec-88	20 A	847.0
					04J702	908.3	13-Jan-89	21 A	847.2
03U822	876.4	14-Dec-87	16 F	837.2	04J702	908.3	31-Mar-89	21 A	842.5
03U822	876.4	26-Jan-88	17 F	837.3	04J702	908.3	05-Oct-89	24 A	840.3
03U822	876.4	13-Apr-88	18 F	837.9	04J702	908.3	21-Dec-89	24 A	839.5
03U822	876.4	30-Aug-88	19 F	833.3	04J702	908.3	11-Jan-90	25 A	839.8
03U822	876.4	23-Nov-88	20 F	834.6	04J702	908.3	16-May-90	26 A	839.9
03U822	876.4	05-May-89	22 F	831.3					
03U822	876.4	06-Aug-89	23 F	830.6	04J708	919.8	31-Mar-89	21 A	843.8
03U822	876.4	03-Nov-89	24 F	831.1	04J708	919.8	05-Oct-89	24 A	841.7
03U822	876.4	25-Apr-90	26 F	831.3	04J708	919.8	21-Dec-89	24 A	840.9
					04J708	919.8	11-Jan-90	25 A	840.8
03U824	879.9	14-Dec-87	16 F	837.3	04J708	919.8	16-May-90	26 A	840.9
03U824	879.9	26-Jan-88	17 F	837.4					
03U824	879.9	13-Apr-88	18 F	838.0	04J713	895.8	02-Dec-88	20 A	847.1
03U824	879.9	30-Aug-88	19 F	833.4	04J713	895.8	13-Jan-89	21 A	847.0
03U824	879.9	23-Nov-88	20 F	834.5	04J713	895.8	31-Mar-89	21 A	842.2
03U824	879.9	06-Aug-89	23 F	830.7	04J713	895.8	07-Jul-89	23 A	840.3
03U824	879.9	03-Nov-89	24 F	831.2	04J713	895.8	05-Oct-89	24 A	840.1
03U824	879.9	03-May-90	26 F	832.5	04J713	895.8	21-Dec-89	24 A	839.4
					04J713	895.8	11-Jan-90	25 A	839.5
03U831	889.2	14-Dec-87	16 F	837.2	04J713	895.8	16-May-90	26 A	839.7
03U831	889.2	26-Jan-88	17 F	837.4	04J713	895.8	16-Jul-90	27 A	839.5
03U831	889.2	13-Apr-88	18 F	837.9					
03U831	889.2	30-Aug-88	19 F	833.2	04J714	884.7	02-Dec-88	20 A	840.0
03U831	889.2	10-May-89	22 F	831.2	04J714	884.7	13-Jan-89	21 A	846.8
03U831	889.2	07-Aug-89	23 F	830.9	04J714	884.7	31-Mar-89	21 A	836.6
03U831	889.2	25-Apr-90	26 F	831.1	04J714	884.7	07-Jul-89	23 A	834.2
					04J714	884.7	05-Oct-89	24 A	840.8
03U832	884.3	14-Dec-87	16 F	836.2	04J714	884.7	21-Dec-89	24 A	840.5
03U832	884.3	26-Jan-88	17 F	836.4	04J714	884.7	11-Jan-90	25 A	840.6
03U832	884.3	13-Apr-88	18 F	835.1	04J714	884.7	16-May-90	26 A	840.8
03U832	884.3	30-Aug-88	19 F	832.0	04J714	884.7	16-Jul-90	27 A	840.6
03U832	884.3	23-Nov-88	20 F	833.4					
03U832	884.3	09-May-89	22 F	830.5	04U001	888.8	17-Nov-87	16 A	849.7
03U832	884.3	07-Aug-89	23 F	829.4	04U001	888.8	24-Nov-87	16 A	849.3
03U832	884.3	03-Nov-89	24 F	830.1	04U001	888.8	30-Nov-87	16 A	849.7
03U832	884.3	25-Apr-90	26 F	830.3	04U001	888.8	14-Dec-87	16 A	849.4
					04U001	888.8	11-Jan-88	17 A	849.6
04J077	912.3	21-Sep-88	19 A	847.3	04U001	888.8	13-Apr-88	18 F	850.4
04J077	912.3	02-Dec-88	20 A	847.8	04U001	888.8	02-May-88	18 A	849.5
04J077	912.3	13-Jan-89	21 A	847.4	04U001	888.8	20-May-88	18 A	848.8
04J077	912.3	31-Mar-89	21 A	840.2	04U001	888.8	23-Jun-88	18 A	846.4
04J077	912.3	05-Oct-89	24 A	837.9	04U001	888.8	27-Jul-88	19 A	845.2
04J077	912.3	21-Dec-89	24 A	836.7	04U001	888.8	30-Aug-88	19 F	845.2

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
04U001	888.8	01-Sep-88	19 A	844.8	04U003	943.1	11-Jan-88	17 A	850.1
04U001	888.8	21-Sep-88	19 A	845.0	04U003	943.1	26-Jan-88	17 F	849.7
04U001	888.8	14-Oct-88	20 A	845.5	04U003	943.1	14-Apr-88	18 F	851.1
04U001	888.8	25-Nov-88	20 F	846.5	04U003	943.1	02-May-88	18 A	850.2
04U001	888.8	02-Dec-88	20 A	846.4	04U003	943.1	20-May-88	18 A	849.7
04U001	888.8	13-Jan-89	21 A	846.6	04U003	943.1	23-Jun-88	18 A	848.5
04U001	888.8	31-Mar-89	21 A	843.7	04U003	943.1	27-Jul-88	19 A	847.7
04U001	888.8	07-Jul-89	23 A	841.4	04U003	943.1	30-Aug-88	19 F	846.5
04U001	888.8	05-Aug-89	23 F	841.2	04U003	943.1	01-Sep-88	19 A	846.5
04U001	888.8	05-Oct-89	24 A	841.1	04U003	943.1	21-Sep-88	19 A	846.1
04U001	888.8	02-Nov-89	24 F	841.4	04U003	943.1	14-Oct-88	20 A	846.3
04U001	888.8	21-Dec-89	24 A	841.0	04U003	943.1	25-Nov-88	20 F	847.0
04U001	888.8	11-Jan-90	25 A	841.1	04U003	943.1	02-Dec-88	20 A	847.3
04U001	888.8	16-May-90	26 A	841.3	04U003	943.1	13-Jan-89	21 A	846.9
04U001	888.8	16-Jul-90	27 A	841.0	04U003	943.1	31-Mar-89	21 A	844.5
					04U003	943.1	07-Jul-89	23 A	843.1
04U002	920.2	17-Nov-87	16 A	850.6	04U003	943.1	05-Aug-89	23 F	842.9
04U002	920.2	24-Nov-87	16 A	850.3	04U003	943.1	05-Oct-89	24 A	842.4
04U002	920.2	30-Nov-87	16 A	850.6	04U003	943.1	02-Nov-89	24 F	842.1
04U002	920.2	14-Dec-87	16 A	850.3	04U003	943.1	21-Dec-89	24 A	842.2
04U002	920.2	14-Dec-87	16 F	850.4	04U003	943.1	11-Jan-90	25 A	841.8
04U002	920.2	11-Jan-88	17 A	850.6	04U003	943.1	16-May-90	26 A	842.0
04U002	920.2	27-Jan-88	17 F	850.5	04U003	943.1	16-Jul-90	27 A	841.7
04U002	920.2	13-Apr-88	18 F	853.0					
04U002	920.2	02-May-88	18 A	850.9	04U007	902.9	24-Nov-87	16 A	858.8
04U002	920.2	20-May-88	18 A	850.4	04U007	902.9	30-Nov-87	16 A	859.3
04U002	920.2	23-Jun-88	18 A	849.3	04U007	902.9	14-Dec-87	16 F	859.0
04U002	920.2	27-Jul-88	19 A	848.1	04U007	902.9	11-Jan-88	17 A	859.4
04U002	920.2	30-Aug-88	19 F	847.8	04U007	902.9	26-Jan-88	17 F	859.3
04U002	920.2	01-Sep-88	19 A	847.8	04U007	902.9	13-Apr-88	18 F	859.5
04U002	920.2	21-Sep-88	19 A	847.5	04U007	902.9	02-May-88	18 A	858.9
04U002	920.2	14-Oct-88	20 A	846.9	04U007	902.9	20-May-88	18 A	858.7
04U002	920.2	25-Nov-88	20 F	848.4	04U007	902.9	23-Jun-88	18 A	856.4
04U002	920.2	13-Jan-89	21 A	848.0	04U007	902.9	27-Jul-88	19 A	855.0
04U002	920.2	31-Mar-89	21 A	843.8	04U007	902.9	30-Aug-88	19 F	854.7
04U002	920.2	05-Aug-89	23 F	842.3	04U007	902.9	01-Sep-88	19 A	854.7
04U002	920.2	05-Oct-89	24 A	841.9	04U007	902.9	21-Sep-88	19 A	854.3
04U002	920.2	02-Nov-89	24 F	841.8	04U007	902.9	14-Oct-88	20 A	854.6
04U002	920.2	21-Dec-89	24 A	841.2	04U007	902.9	25-Nov-88	20 F	854.9
04U002	920.2	11-Jan-90	25 A	841.1	04U007	902.9	02-Dec-88	20 A	855.2
04U002	920.2	16-May-90	26 A	841.3	04U007	902.9	13-Jan-89	21 A	855.4
04U002	920.2	16-Jul-90	27 A	841.1	04U007	902.9	31-Mar-89	21 A	854.7
					04U007	902.9	07-Jul-89	23 A	852.7
04U003	943.1	17-Nov-87	16 A	850.0	04U007	902.9	05-Aug-89	23 F	852.0
04U003	943.1	24-Nov-87	16 A	849.8	04U007	902.9	05-Oct-89	24 A	852.1
04U003	943.1	30-Nov-87	16 A	849.9	04U007	902.9	02-Nov-89	24 F	852.3
04U003	943.1	14-Dec-87	16 A	849.7	04U007	902.9	21-Dec-89	24 A	852.1
04U003	943.1	14-Dec-87	16 F	849.6	04U007	902.9	11-Jan-90	25 A	852.0

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

7/26/91

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
04U007	902.9	16-May-90	26 A	851.7	04U020	954.7	25-Nov-88	20 F	850.4
04U007	902.9	16-Jul-90	27 A	851.4	04U020	954.7	02-Dec-88	20 A	850.6
04U007	902.9	20-Sep-90	28 F	851.8	04U020	954.7	13-Jan-89	21 A	850.6
04U012	880.3	17-Nov-87	16 A	859.6	04U020	954.7	31-Mar-89	21 A	848.9
04U012	880.3	24-Nov-87	16 A	859.5	04U020	954.7	07-Jul-89	23 A	846.8
04U012	880.3	30-Nov-87	16 A	859.8	04U020	954.7	05-Aug-89	23 F	846.4
04U012	880.3	14-Dec-87	16 F	859.8	04U020	954.7	05-Oct-89	24 A	846.0
04U012	880.3	14-Dec-87	16 A	859.7	04U020	954.7	04-Nov-89	24 F	846.6
04U012	880.3	11-Jan-88	17 A	860.1	04U020	954.7	21-Dec-89	24 A	846.2
04U012	880.3	27-Jan-88	17 F	860.0	04U020	954.7	11-Jan-90	25 A	846.1
04U012	880.3	13-Apr-88	18 F	859.7	04U020	954.7	16-May-90	26 A	846.2
04U012	880.3	02-May-88	18 A	859.2	04U020	954.7	16-Jul-90	27 A	846.0
04U012	880.3	20-May-88	18 A	858.7	04U027	967.5	17-Nov-87	16 A	853.5
04U012	880.3	23-Jun-88	18 A	854.6	04U027	967.5	24-Nov-87	16 A	853.4
04U012	880.3	27-Jul-88	19 A	853.5	04U027	967.5	30-Nov-87	16 A	853.5
04U012	880.3	30-Aug-88	19 F	855.4	04U027	967.5	14-Dec-87	16 A	853.4
04U012	880.3	01-Sep-88	19 A	854.2	04U027	967.5	14-Dec-87	16 F	853.7
04U012	880.3	21-Sep-88	19 A	854.5	04U027	967.5	27-Jan-88	17 F	853.8
04U012	880.3	14-Oct-88	20 A	855.2	04U027	967.5	14-Apr-88	18 F	854.7
04U012	880.3	25-Nov-88	20 F	855.7	04U027	967.5	02-May-88	18 A	853.8
04U012	880.3	02-Dec-88	20 A	855.7	04U027	967.5	20-May-88	18 A	853.3
04U012	880.3	13-Jan-89	21 A	856.1	04U027	967.5	23-Jun-88	18 A	852.1
04U012	880.3	31-Mar-89	21 A	856.4	04U027	967.5	27-Jul-88	19 A	850.7
04U012	880.3	07-Jul-89	23 A	853.4	04U027	967.5	30-Aug-88	19 F	849.8
04U012	880.3	05-Aug-89	23 F	852.6	04U027	967.5	01-Sep-88	19 A	849.8
04U012	880.3	05-Oct-89	24 A	853.0	04U027	967.5	21-Sep-88	19 A	849.5
04U012	880.3	02-Nov-89	24 F	853.5	04U027	967.5	14-Oct-88	20 A	849.3
04U012	880.3	21-Dec-89	24 A	853.8	04U027	967.5	25-Nov-88	20 F	850.3
04U012	880.3	11-Jan-90	25 A	854.0	04U027	967.5	02-Dec-88	20 A	850.2
04U012	880.3	16-May-90	26 A	853.6	04U027	967.5	13-Jan-89	21 A	850.4
04U012	880.3	16-Jul-90	27 A	853.5	04U027	967.5	31-Mar-89	21 A	848.2
04U020	954.7	17-Nov-87	16 A	854.1	04U027	967.5	05-Aug-89	23 F	846.6
04U020	954.7	24-Nov-87	16 A	853.9	04U027	967.5	05-Oct-89	24 A	845.8
04U020	954.7	30-Nov-87	16 A	853.9	04U027	967.5	06-Nov-89	24 F	845.9
04U020	954.7	14-Dec-87	16 A	853.9	04U027	967.5	21-Dec-89	24 A	845.7
04U020	954.7	11-Jan-88	17 A	853.5	04U027	967.5	11-Jan-90	25 A	845.5
04U020	954.7	27-Jan-88	17 F	853.3	04U027	967.5	16-May-90	26 A	845.5
04U020	954.7	14-Apr-88	18 F	854.3	04U077	912.4	17-Nov-87	16 A	849.4
04U020	954.7	02-May-88	18 A	854.3	04U077	912.4	24-Nov-87	16 A	849.1
04U020	954.7	20-May-88	18 A	853.8	04U077	912.4	30-Nov-87	16 A	849.2
04U020	954.7	23-Jun-88	18 A	851.9	04U077	912.4	14-Dec-87	16 F	847.6
04U020	954.7	27-Jul-88	19 A	852.1	04U077	912.4	14-Dec-87	16 A	846.9
04U020	954.7	30-Aug-88	19 F	849.6	04U077	912.4	11-Jan-88	17 A	849.3
04U020	954.7	01-Sep-88	19 A	850.1	04U077	912.4	27-Jan-88	17 F	849.6
04U020	954.7	21-Sep-88	19 A	850.0	04U077	912.4	13-Apr-88	18 F	852.7
04U020	954.7	14-Oct-88	20 A	849.9	04U077	912.4	02-May-88	18 A	849.4

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
04U077	912.4	20-May-88	18 A	848.8	04U673	897.8	02-May-88	18 A	845.8
04U077	912.4	23-Jun-88	18 A	847.5	04U673	897.8	20-May-88	18 A	845.4
04U077	912.4	27-Jul-88	19 A	847.5	04U673	897.8	23-Jun-88	18 A	843.9
04U077	912.4	30-Aug-88	19 F	846.5	04U673	897.8	27-Jul-88	19 A	842.9
04U077	912.4	01-Sep-88	19 A	846.5	04U673	897.8	30-Aug-88	19 F	842.2
04U077	912.4	21-Sep-88	19 A	845.4	04U673	897.8	01-Sep-88	19 A	842.1
04U077	912.4	14-Oct-88	20 A	845.8	04U673	897.8	21-Sep-88	19 A	841.8
04U077	912.4	25-Nov-88	20 F	848.0	04U673	897.8	14-Oct-88	20 A	842.1
04U077	912.4	02-Dec-88	20 A	847.7	04U673	897.8	25-Nov-88	20 F	842.9
04U077	912.4	05-Aug-89	23 F	841.5	04U673	897.8	02-Dec-88	20 A	842.5
04U077	912.4	05-Oct-89	24 A	840.5	04U673	897.8	13-Jan-89	21 A	838.9
04U077	912.4	02-Nov-89	24 F	841.0	04U673	897.8	31-Mar-89	21 A	840.9
04U077	912.4	21-Dec-89	24 A	839.7	04U673	897.8	03-May-89	22 F	840.0
04U077	912.4	11-Jan-90	25 A	839.7	04U673	897.8	07-Jul-89	23 A	839.2
04U077	912.4	23-Apr-90	26 F	851.6	04U673	897.8	05-Aug-89	23 F	839.3
04U077	912.4	16-May-90	26 A	839.8	04U673	897.8	05-Oct-89	24 A	838.9
04U077	912.4	19-Jul-90	27 F	851.6	04U673	897.8	03-Nov-89	24 F	838.6
					04U673	897.8	21-Dec-89	24 A	838.3
04U510	911.0	14-Dec-87	16 F	867.9	04U673	897.8	11-Jan-90	25 A	838.5
04U510	911.0	27-Jan-88	17 F	868.1	04U673	897.8	16-May-90	26 A	838.5
04U510	911.0	13-Apr-88	18 F	867.0	04U673	897.8	16-Jul-90	27 A	838.0
04U510	911.0	02-May-88	18 A	864.2					
04U510	911.0	20-May-88	18 A	863.7	04U701	909.0	17-Nov-87	16 A	848.9
04U510	911.0	27-Jul-88	19 A	857.0	04U701	909.0	24-Nov-87	16 A	849.1
04U510	911.0	30-Aug-88	19 F	861.4	04U701	909.0	30-Nov-87	16 A	849.3
04U510	911.0	01-Sep-88	19 A	858.9	04U701	909.0	14-Dec-87	16 A	849.0
04U510	911.0	21-Sep-88	19 A	859.4	04U701	909.0	11-Jan-88	17 A	849.4
04U510	911.0	14-Oct-88	20 A	860.0	04U701	909.0	27-Jan-88	17 F	849.1
04U510	911.0	25-Nov-88	20 F	863.5	04U701	909.0	13-Apr-88	18 F	851.3
04U510	911.0	02-Dec-88	20 A	861.0	04U701	909.0	02-May-88	18 A	849.4
04U510	911.0	13-Jan-89	21 A	861.1	04U701	909.0	20-May-88	18 A	848.8
04U510	911.0	31-Mar-89	21 A	862.1	04U701	909.0	23-Jun-88	18 A	847.1
04U510	911.0	05-Aug-89	23 F	860.1	04U701	909.0	27-Jul-88	19 A	846.8
04U510	911.0	05-Oct-89	24 A	858.5	04U701	909.0	30-Aug-88	19 F	845.5
04U510	911.0	04-Nov-89	24 F	861.9	04U701	909.0	01-Sep-88	19 A	845.9
04U510	911.0	21-Dec-89	24 A	859.3	04U701	909.0	21-Sep-88	19 A	845.3
04U510	911.0	11-Jan-90	25 A	859.4	04U701	909.0	14-Oct-88	20 A	845.7
04U510	911.0	23-Apr-90	26 F	859.3	04U701	909.0	25-Nov-88	20 F	847.3
04U510	911.0	16-May-90	26 A	859.1	04U701	909.0	02-Dec-88	20 A	847.0
					04U701	909.0	13-Jan-89	21 A	847.1
04U673	897.8	17-Nov-87	16 A	844.8	04U701	909.0	31-Mar-89	21 A	843.0
04U673	897.8	24-Nov-87	16 A	845.5	04U701	909.0	05-Aug-89	23 F	840.4
04U673	897.8	30-Nov-87	16 A	845.8	04U701	909.0	05-Oct-89	24 A	839.9
04U673	897.8	14-Dec-87	16 A	845.3	04U701	909.0	03-Nov-89	24 F	840.0
04U673	897.8	14-Dec-87	16 F	845.4	04U701	909.0	21-Dec-89	24 A	839.1
04U673	897.8	11-Jan-88	17 A	845.5	04U701	909.0	11-Jan-90	25 A	839.4
04U673	897.8	27-Jan-88	17 F	845.6	04U701	909.0	16-May-90	26 A	839.5
04U673	897.8	13-Apr-88	18 F	846.9					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
04U702	908.1	17-Nov-87	16 A	849.1	04U708	919.7	21-Dec-89	24 A	841.4
04U702	908.1	24-Nov-87	16 A	849.2	04U708	919.7	11-Jan-90	25 A	841.2
04U702	908.1	30-Nov-87	16 A	849.5	04U708	919.7	16-May-90	26 A	841.4
04U702	908.1	14-Dec-87	16 A	849.2					
04U702	908.1	11-Jan-88	17 A	849.7	04U709	910.0	17-Nov-87	16 A	849.5
04U702	908.1	27-Jan-88	17 F	849.3	04U709	910.0	24-Nov-87	16 A	849.5
04U702	908.1	13-Apr-88	18 F	851.2	04U709	910.0	30-Nov-87	16 A	850.2
04U702	908.1	02-May-88	18 A	849.6	04U709	910.0	14-Dec-87	16 A	849.7
04U702	908.1	20-May-88	18 A	848.9	04U709	910.0	15-Dec-87	16 F	849.7
04U702	908.1	23-Jun-88	18 A	847.2	04U709	910.0	11-Jan-88	17 A	850.0
04U702	908.1	27-Jul-88	19 A	846.8	04U709	910.0	27-Jan-88	17 F	849.6
04U702	908.1	30-Aug-88	19 F	845.6	04U709	910.0	13-Apr-88	18 F	852.6
04U702	908.1	01-Sep-88	19 A	845.7	04U709	910.0	02-May-88	18 A	850.1
04U702	908.1	21-Sep-88	19 A	845.4	04U709	910.0	20-May-88	18 A	849.5
04U702	908.1	14-Oct-88	20 A	845.6	04U709	910.0	23-Jun-88	18 A	848.6
04U702	908.1	25-Nov-88	20 F	846.9	04U709	910.0	27-Jul-88	19 A	847.8
04U702	908.1	02-Dec-88	20 A	846.9	04U709	910.0	30-Aug-88	19 F	847.3
04U702	908.1	13-Jan-89	21 A	847.1	04U709	910.0	01-Sep-88	19 A	847.3
04U702	908.1	31-Mar-89	21 A	842.9	04U709	910.0	21-Sep-88	19 A	846.9
04U702	908.1	05-Aug-89	23 F	841.0	04U709	910.0	14-Oct-88	20 A	846.3
04U702	908.1	05-Oct-89	24 A	840.6	04U709	910.0	25-Nov-88	20 F	848.0
04U702	908.1	03-Nov-89	24 F	840.6	04U709	910.0	02-Dec-88	20 A	848.1
04U702	908.1	21-Dec-89	24 A	840.3	04U709	910.0	13-Jan-89	21 A	847.6
04U702	908.1	11-Jan-90	25 A	840.2	04U709	910.0	31-Mar-89	21 A	844.1
04U702	908.1	16-May-90	26 A	840.2	04U709	910.0	05-Aug-89	23 F	841.5
					04U709	910.0	05-Oct-89	24 A	841.1
04U708	919.7	17-Nov-87	16 A	850.2	04U709	910.0	02-Nov-89	24 F	840.9
04U708	919.7	24-Nov-87	16 A	849.9	04U709	910.0	21-Dec-89	24 A	841.4
04U708	919.7	30-Nov-87	16 A	850.0	04U709	910.0	11-Jan-90	25 A	840.3
04U708	919.7	14-Dec-87	16 A	849.9	04U709	910.0	16-May-90	26 A	840.4
04U708	919.7	11-Jan-88	17 A	850.2					
04U708	919.7	27-Jan-88	17 F	850.0	04U711	906.3	17-Nov-87	16 A	849.1
04U708	919.7	13-Apr-88	18 F	852.6	04U711	906.3	24-Nov-87	16 A	849.1
04U708	919.7	02-May-88	18 A	850.4	04U711	906.3	30-Nov-87	16 A	849.1
04U708	919.7	20-May-88	18 A	849.9	04U711	906.3	14-Dec-87	16 A	848.9
04U708	919.7	23-Jun-88	18 A	848.9	04U711	906.3	15-Dec-87	16 F	848.8
04U708	919.7	27-Jul-88	19 A	847.8	04U711	906.3	11-Jan-88	17 A	849.8
04U708	919.7	30-Aug-88	19 F	847.5	04U711	906.3	28-Jan-88	17 F	849.0
04U708	919.7	01-Sep-88	19 A	847.4	04U711	906.3	13-Apr-88	18 F	851.4
04U708	919.7	21-Sep-88	19 A	847.2	04U711	906.3	02-May-88	18 A	849.3
04U708	919.7	14-Oct-88	20 A	846.6	04U711	906.3	20-May-88	18 A	848.7
04U708	919.7	25-Nov-88	20 F	847.8	04U711	906.3	23-Jun-88	18 A	847.5
04U708	919.7	02-Dec-88	20 A	848.2	04U711	906.3	27-Jul-88	19 A	847.7
04U708	919.7	13-Jan-89	21 A	847.6	04U711	906.3	30-Aug-88	19 F	845.6
04U708	919.7	31-Mar-89	21 A	844.5	04U711	906.3	21-Sep-88	19 A	845.3
04U708	919.7	05-Aug-89	23 F	842.4	04U711	906.3	14-Oct-88	20 A	845.7
04U708	919.7	05-Oct-89	24 A	842.1	04U711	906.3	25-Nov-88	20 F	847.1
04U708	919.7	02-Nov-89	24 F	841.8	04U711	906.3	02-Dec-88	20 A	847.0

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
04U711	906.3	13-Jan-89	21 A	846.8	04U802	903.4	31-Mar-89	21 A	844.0
04U711	906.3	31-Mar-89	21 A	842.9	04U802	903.4	03-Aug-89	23 F	842.6
04U711	906.3	07-Jul-89	23 A	841.3	04U802	903.4	05-Oct-89	24 A	841.9
04U711	906.3	05-Aug-89	23 F	841.4	04U802	903.4	03-Nov-89	24 F	841.8
04U711	906.3	05-Oct-89	24 A	840.8	04U802	903.4	21-Dec-89	24 A	841.6
04U711	906.3	03-Nov-89	24 F	840.7	04U802	903.4	11-Jan-90	25 A	841.6
04U711	906.3	21-Dec-89	24 A	840.3	04U802	903.4	16-May-90	26 A	841.6
04U711	906.3	11-Jan-90	25 A	840.0	04U802	903.4	16-Jul-90	27 A	841.2
04U711	906.3	16-May-90	26 A	840.4					
04U711	906.3	16-Jul-90	27 A	841.0	04U806	909.2	17-Nov-87	16 A	848.2
					04U806	909.2	24-Nov-87	16 A	848.5
04U713	895.4	02-Dec-88	20 A	848.4	04U806	909.2	30-Nov-87	16 A	848.1
04U713	895.4	13-Jan-89	21 A	848.4	04U806	909.2	14-Dec-87	16 F	847.9
04U713	895.4	31-Mar-89	21 A	844.1	04U806	909.2	11-Jan-88	17 A	848.8
04U713	895.4	07-Jul-89	23 A	842.5	04U806	909.2	27-Jan-88	17 F	847.7
04U713	895.4	05-Oct-89	24 A	842.6	04U806	909.2	13-Apr-88	18 F	850.0
04U713	895.4	21-Dec-89	24 A	841.9	04U806	909.2	02-May-88	18 A	848.2
04U713	895.4	11-Jan-90	25 A	841.9	04U806	909.2	20-May-88	18 A	847.6
04U713	895.4	16-May-90	26 A	842.1	04U806	909.2	23-Jun-88	18 A	846.0
04U713	895.4	16-Jul-90	27 A	841.9	04U806	909.2	27-Jul-88	19 A	845.6
					04U806	909.2	30-Aug-88	19 F	844.4
04U714	884.6	02-Dec-88	20 A	839.9	04U806	909.2	01-Sep-88	19 A	844.9
04U714	884.6	13-Jan-89	21 A	846.8	04U806	909.2	21-Sep-88	19 A	844.2
04U714	884.6	31-Mar-89	21 A	843.2	04U806	909.2	14-Oct-88	20 A	844.6
04U714	884.6	07-Jul-89	23 A	841.1	04U806	909.2	25-Nov-88	20 F	845.8
04U714	884.6	05-Oct-89	24 A	840.9	04U806	909.2	02-Dec-88	20 A	845.8
04U714	884.6	21-Dec-89	24 A	840.6	04U806	909.2	13-Jan-89	21 A	845.8
04U714	884.6	11-Jan-90	25 A	840.7	04U806	909.2	31-Mar-89	21 A	841.9
04U714	884.6	16-May-90	26 A	840.9	04U806	909.2	07-Jul-89	23 A	840.0
04U714	884.6	16-Jul-90	27 A	840.7	04U806	909.2	03-Aug-89	23 F	840.1
					04U806	909.2	05-Oct-89	24 A	839.6
04U802	903.4	17-Nov-87	16 A	849.6	04U806	909.2	03-Nov-89	24 F	839.7
04U802	903.4	24-Nov-87	16 A	849.5	04U806	909.2	21-Dec-89	24 A	839.1
04U802	903.4	30-Nov-87	16 A	849.5	04U806	909.2	11-Jan-90	25 A	839.4
04U802	903.4	14-Dec-87	16 F	849.2	04U806	909.2	16-May-90	26 A	839.5
04U802	903.4	11-Jan-88	17 A	849.7	04U806	909.2	16-Jul-90	27 A	839.0
04U802	903.4	26-Jan-88	17 F	849.4					
04U802	903.4	13-Apr-88	18 F	851.3	04U821	877.2	14-Dec-87	16 F	837.3
04U802	903.4	02-May-88	18 A	849.8	04U821	877.2	26-Jan-88	17 F	837.5
04U802	903.4	20-May-88	18 A	849.3	04U821	877.2	13-Apr-88	18 F	838.0
04U802	903.4	23-Jun-88	18 A	848.1	04U821	877.2	30-Aug-88	19 F	833.4
04U802	903.4	27-Jul-88	19 A	847.2	04U821	877.2	25-Nov-88	20 F	834.8
04U802	903.4	30-Aug-88	19 F	846.2	04U821	877.2	06-Aug-89	23 F	830.7
04U802	903.4	21-Sep-88	19 A	845.7	04U821	877.2	03-Nov-89	24 F	831.2
04U802	903.4	14-Oct-88	20 A	845.9	04U821	877.2	19-Apr-90	26 F	831.5
04U802	903.4	25-Nov-88	20 F	846.8	04U821	877.2	23-Jul-90	27 F	830.3
04U802	903.4	02-Dec-88	20 A	846.6	04U821	877.2	20-Sep-90	28 F	830.2
04U802	903.4	13-Jan-89	21 A	846.5					
					04U832	883.4	14-Dec-87	16 F	837.0

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
04U832	883.4	26-Jan-88	17 F	836.4	04U846	888.4	30-Aug-88	19 F	828.8
04U832	883.4	13-Apr-88	18 F	837.4	04U846	888.4	25-Nov-88	20 F	830.1
04U832	883.4	30-Aug-88	19 F	832.6	04U846	888.4	28-Apr-89	22 F	829.0
04U832	883.4	25-Nov-88	20 F	834.2	04U846	888.4	06-Aug-89	23 F	826.6
04U832	883.4	07-Aug-89	23 F	829.9	04U846	888.4	02-Nov-89	24 F	827.1
04U832	883.4	03-Nov-89	24 F	830.8	04U846	888.4	27-Apr-90	26 F	827.4
04U832	883.4	25-Apr-90	26 F	831.0					
04U841	911.5	26-Jan-88	17 F	845.8	04U847	914.9	14-Dec-87	16 F	845.4
04U841	911.5	13-Apr-88	18 F	847.1	04U847	914.9	26-Jan-88	17 F	845.6
04U841	911.5	30-Aug-88	19 F	842.2	04U847	914.9	13-Apr-88	18 F	847.0
04U841	911.5	25-Nov-88	20 F	843.2	04U847	914.9	30-Aug-88	19 F	841.9
04U841	911.5	06-Aug-89	23 F	838.8	04U847	914.9	25-Nov-88	20 F	843.1
04U841	911.5	03-Nov-89	24 F	838.7	04U847	914.9	03-May-89	22 F	839.4
04U841	911.5	16-May-90	26 A	838.8	04U847	914.9	06-Aug-89	23 F	838.6
					04U847	914.9	03-Nov-89	24 F	838.1
04U843	885.8	14-Dec-87	16 F	837.3	04U847	914.9	26-Apr-90	26 F	838.2
04U843	885.8	26-Jan-88	17 F	837.5	04U847	914.9	16-May-90	26 A	834.0
04U843	885.8	13-Apr-88	18 F	838.0	04U847	914.9	20-Jul-90	27 F	837.7
04U843	885.8	30-Aug-88	19 F	833.5	04U847	914.9	17-Sep-90	28 F	837.3
04U843	885.8	25-Nov-88	20 F	834.7					
04U843	885.8	06-Aug-89	23 F	830.8	04U848	900.2	14-Dec-87	16 F	842.3
04U843	885.8	03-Nov-89	24 F	831.2	04U848	900.2	26-Jan-88	17 F	842.4
04U843	885.8	25-Apr-90	26 F	831.4	04U848	900.2	13-Apr-88	18 F	843.6
					04U848	900.2	30-Aug-88	19 F	839.0
04U844	884.2	14-Dec-87	16 F	835.8	04U848	900.2	25-Nov-88	20 F	839.7
04U844	884.2	26-Jan-88	17 F	836.0	04U848	900.2	03-May-89	22 F	836.0
04U844	884.2	13-Apr-88	18 F	836.3	04U848	900.2	06-Aug-89	23 F	835.8
04U844	884.2	30-Aug-88	19 F	831.6	04U848	900.2	03-Nov-89	24 F	835.5
04U844	884.2	25-Nov-88	20 F	833.1	04U848	900.2	19-Jul-90	27 F	835.2
04U844	884.2	04-May-89	22 F	830.4	04U848	900.2	17-Sep-90	28 F	834.5
04U844	884.2	06-Aug-89	23 F	839.1					
04U844	884.2	03-Nov-89	24 F	829.8	04U849	873.3	14-Dec-87	16 F	833.0
04U844	884.2	25-Apr-90	26 F	830.0	04U849	873.3	26-Jan-88	17 F	833.2
04U844	884.2	23-Jul-90	27 F	828.8	04U849	873.3	13-Apr-88	18 F	833.4
04U844	884.2	17-Sep-90	28 F	828.5	04U849	873.3	30-Aug-88	19 F	829.0
					04U849	873.3	25-Nov-88	20 F	830.1
04U845	894.2	14-Dec-87	16 F	837.8	04U849	873.3	06-Aug-89	23 F	824.8
04U845	894.2	13-Apr-88	18 F	838.4	04U849	873.3	03-Nov-89	24 F	824.9
04U845	894.2	30-Aug-88	19 F	833.6	04U849	873.3	18-Apr-90	26 F	827.8
04U845	894.2	25-Nov-88	20 F	835.0					
04U845	894.2	04-May-89	22 F	833.9	04U850	916.9	14-Dec-87	16 F	832.5
04U845	894.2	06-Aug-89	23 F	830.9	04U850	916.9	26-Jan-88	17 F	832.7
04U845	894.2	03-Nov-89	24 F	831.4	04U850	916.9	13-Apr-88	18 F	829.9
04U845	894.2	26-Apr-90	26 F	831.6	04U850	916.9	30-Aug-88	19 F	828.6
					04U850	916.9	25-Nov-88	20 F	829.8
04U846	888.4	14-Dec-87	16 F	832.8	04U850	916.9	29-Apr-89	22 F	823.7
04U846	888.4	26-Jan-88	17 F	833.0	04U850	916.9	06-Aug-89	23 F	826.5
04U846	888.4	13-Apr-88	18 F	833.2	04U850	916.9	02-Nov-89	24 F	826.9
					04U850	916.9	18-Apr-90	26 F	827.2



TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
04U851	913.5	14-Dec-87	16 F	832.1	04U860	893.8	03-Nov-89	24 F	830.2
04U851	913.5	26-Jan-88	17 F	832.3	04U860	893.8	19-Apr-90	26 F	830.4
04U851	913.5	13-Apr-88	18 F	832.4					
04U851	913.5	30-Aug-88	19 F	827.6	04U861	888.6	14-Dec-87	16 F	836.6
04U851	913.5	25-Nov-88	20 F	829.4	04U861	888.6	26-Jan-88	17 F	836.7
04U851	913.5	06-Aug-89	23 F	825.0	04U861	888.6	13-Apr-88	18 F	837.1
04U851	913.5	03-Nov-89	24 F	825.2	04U861	888.6	30-Aug-88	19 F	832.2
04U851	913.5	17-Apr-90	26 F	826.8	04U861	888.6	25-Nov-88	20 F	831.1
					04U861	888.6	06-Aug-89	23 F	830.9
04U852	905.6	14-Dec-87	16 F	832.0	04U861	888.6	30-Apr-90	26 F	830.5
04U852	905.6	26-Jan-88	17 F	832.3					
04U852	905.6	13-Apr-88	18 F	832.2	04U871	944.0	30-Aug-88	19 F	801.5
04U852	905.6	30-Aug-88	19 F	827.1	04U871	944.0	25-Nov-88	20 F	803.1
04U852	905.6	25-Nov-88	20 F	829.7	04U871	944.0	08-May-89	22 F	801.8
04U852	905.6	06-Aug-89	23 F	824.3	04U871	944.0	07-Aug-89	23 F	799.5
04U852	905.6	03-Nov-89	24 F	825.0	04U871	944.0	02-Nov-89	24 F	801.0
04U852	905.6	19-Apr-90	26 F	827.3	04U871	944.0	18-Apr-90	26 F	802.4
04U854	889.5	14-Dec-87	16 F	836.5	04U872	952.0	30-Aug-88	19 F	811.8
04U854	889.5	26-Jan-88	17 F	836.8	04U872	952.0	25-Nov-88	20 F	813.7
04U854	889.5	13-Apr-88	18 F	836.9	04U872	952.0	08-May-89	22 F	811.6
04U854	889.5	30-Aug-88	19 F	832.1	04U872	952.0	07-Aug-89	23 F	809.6
04U854	889.5	25-Nov-88	20 F	833.7	04U872	952.0	02-Nov-89	24 F	811.4
04U854	889.5	04-May-89	22 F	830.1	04U872	952.0	18-Apr-90	26 F	812.7
04U854	889.5	06-Aug-89	23 F	829.6					
					04U875	1014.0	30-Aug-88	19 F	813.0
04U854	889.5	03-Nov-89	24 F	830.2	04U875	1014.0	25-Nov-88	20 F	814.5
04U854	889.5	30-Apr-90	26 F	830.4	04U875	1014.0	07-Aug-89	23 F	811.1
					04U875	1014.0	02-Nov-89	24 F	812.2
04U855	896.0	14-Dec-87	16 F	814.9	04U875	1014.0	17-Apr-90	26 F	814.2
04U855	896.0	26-Jan-88	17 F	835.1					
					04U877	920.0	30-Aug-88	19 F	827.6
04U855	896.0	13-Apr-88	18 F	835.5	04U877	920.0	25-Nov-88	20 F	828.8
04U855	896.0	30-Aug-88	19 F	831.3	04U877	920.0	29-Apr-89	22 F	826.5
04U855	896.0	25-Nov-88	20 F	832.1	04U877	920.0	07-Aug-89	23 F	825.6
04U855	896.0	06-Aug-89	23 F	829.2	04U877	920.0	02-Nov-89	24 F	825.8
04U855	896.0	03-Nov-89	24 F	830.1	04U877	920.0	18-Apr-90	26 F	826.2
04U855	896.0	03-May-90	26 F	829.4					
					04U879	946.0	30-Aug-88	19 F	827.3
04U859	900.9	14-Dec-87	16 F	843.3	04U879	946.0	25-Nov-88	20 F	827.6
04U859	900.9	26-Jan-88	17 F	843.5	04U879	946.0	07-Aug-89	23 F	825.8
04U859	900.9	13-Apr-88	18 F	844.7	04U879	946.0	02-Nov-89	24 F	825.5
04U859	900.9	30-Aug-88	19 F	840.1	04U879	946.0	18-Apr-90	26 F	826.3
04U859	900.9	25-Nov-88	20 F	840.9					
04U859	900.9	06-Aug-89	23 F	834.8	04U880	972.0	30-Aug-88	19 F	806.7
04U859	900.9	03-Nov-89	24 F	836.6	04U880	972.0	25-Nov-88	20 F	808.4
04U859	900.9	30-Apr-90	26 F	836.4	04U880	972.0	07-Aug-89	23 F	806.2
					04U880	972.0	02-Nov-89	24 F	806.8
04U860	893.8	14-Dec-87	16 F	836.4	04U880	972.0	18-Apr-90	26 F	809.3
04U860	893.8	26-Jan-88	17 F	836.5					
04U860	893.8	13-Apr-88	18 F	836.8	04U881	977.0	25-Nov-88	20 F	807.8
04U860	893.8	30-Aug-88	19 F	831.8	04U881	977.0	07-Aug-89	23 F	802.6
04U860	893.8	25-Nov-88	20 F	830.4	04U881	977.0	02-Nov-89	24 F	804.1
04U860	893.8	06-Aug-89	23 F	831.5	04U881	977.0	17-Apr-90	26 F	814.2

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TABLE I  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
04U882	918.0	25-Nov-88	20 F	801.1	409548	867.0	06-Aug-89	23 F	824.3
04U882	918.0	03-May-89	22 F	800.4	409548	867.0	02-Nov-89	24 F	825.3
04U882	918.0	02-Nov-89	24 F	798.9	409548	867.0	03-May-90	26 F	825.1
04U882	918.0	17-Apr-90	26 F	802.8					
04U883	949.0	25-Nov-88	20 F	800.3	409549	920.0	06-Aug-89	23 F	825.2
04U883	949.0	07-Aug-89	23 F	788.4	409549	920.0	02-Nov-89	24 F	825.3
04U883	949.0	02-Nov-89	24 F	796.4	409549	920.0	03-May-90	26 F	825.8
04U883	949.0	17-Apr-90	26 F	800.1					
117NB	879.8	14-Dec-87	16 F	874.0	409549	920.0	23-Jul-90	27 F	824.4
117NB	879.8	13-Apr-88	18 F	873.4	409549	920.0	20-Sep-90	28 F	824.3
117NB	879.8	30-Aug-88	19 F	873.7					
117NB	879.8	23-Nov-88	20 F	873.9	409550	912.0	17-Nov-87	16 A	847.0
191942	880.5	14-Dec-87	16 F	838.0	409550	912.0	24-Nov-87	16 A	846.8
191942	880.5	26-Jan-88	17 F	838.2	409550	912.0	30-Nov-87	16 A	846.9
191942	880.5	13-Apr-88	18 F	838.7	409550	912.0	14-Dec-87	16 A	847.0
191942	880.5	30-Aug-88	19 F	834.0	409550	912.0	11-Jan-88	17 A	847.4
191942	880.5	25-Nov-88	20 F	835.4	409550	912.0	02-May-88	18 A	846.8
					409550	912.0	20-May-88	18 A	846.3
200525	917.5	12-May-89	22 F	830.9	409550	912.0	23-Jun-88	18 A	844.2
					409550	912.0	27-Jul-88	19 A	843.4
206688	1000.0	07-Aug-89	23 F	815.0	409550	912.0	01-Sep-88	19 A	843.0
206688	1000.0	03-Nov-89	24 F	815.1	409550	912.0	21-Sep-88	19 A	842.8
					409550	912.0	14-Oct-88	20 A	843.1
206797	1025.8	23-Jul-90	27 F	745.8	409550	912.0	13-Jan-89	21 A	844.1
					409550	912.0	31-Mar-89	21 A	841.3
21800	887.0	03-May-89	22 F	879.2	409550	912.0	10-May-89	22 F	838.6
					409550	912.0	06-Aug-89	23 F	839.1
234353	906.5	12-May-89	22 F	840.8	409550	912.0	05-Oct-89	24 A	839.1
					409550	912.0	02-Nov-89	24 F	839.1
234425	914.0	11-May-89	22 F	841.1	409550	912.0	21-Dec-89	24 A	838.6
					409550	912.0	11-Jan-90	25 A	839.0
234430	918.1	09-May-89	22 F	845.0	409550	912.0	03-May-90	26 F	838.7
					409550	912.0	16-May-90	26 A	839.0
234463	945.7	08-May-89	22 F	892.3	409550	912.0	20-Jul-90	27 F	838.3
					409550	912.0	20-Sep-90	28 F	838.0
409546	867.0	10-May-89	22 F	826.4	409555	923.0	06-Aug-89	23 F	813.1
409546	867.0	06-Aug-89	23 F	825.3	409555	923.0	02-Nov-89	24 F	812.5
409546	867.0	02-Nov-89	24 F	824.7	409555	923.0	03-May-90	26 F	816.8
409546	867.0	03-May-90	26 F	826.1					
409547	896.0	06-Aug-89	23 F	830.7	409556	960.0	10-May-89	22 F	825.7
409547	896.0	02-Nov-89	24 F	830.6	409556	960.0	06-Aug-89	23 F	826.7
409547	896.0	03-May-90	26 F	841.4	409556	960.0	02-Nov-89	24 F	826.0
409547	896.0	20-Jul-90	27 F	830.4	409556	960.0	03-May-90	26 F	826.0
409547	896.0	20-Sep-90	28 F	830.3					
409548	867.0	10-May-89	22 F	825.5	409557	896.0	04-May-89	22 F	833.7
					409557	896.0	06-Aug-89	23 F	832.8
					409557	896.0	02-Nov-89	24 F	832.8
					409557	896.0	03-May-90	26 F	845.0

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

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TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
409595	882.3	14-Dec-87	16 F	837.3	PJ#003	943.9	02-Nov-89	24 F	841.3
409595	882.3	26-Jan-88	17 F	837.5	PJ#003	943.9	21-Dec-89	24 A	841.1
409595	882.3	13-Apr-88	18 F	838.0	PJ#003	943.9	11-Jan-90	25 A	840.2
409595	882.3	30-Aug-88	19 F	833.4	PJ#003	943.9	16-May-90	26 A	841.1
409595	882.3	23-Nov-88	20 F	834.6	PJ#003	943.9	16-Jul-90	27 A	840.7
409596	880.4	14-Dec-87	16 F	837.6	PJ#027	967.8	17-Nov-87	16 A	853.5
409596	880.4	26-Jan-88	17 F	837.7	PJ#027	967.8	24-Nov-87	16 A	853.3
409596	880.4	30-Aug-88	19 F	833.6	PJ#027	967.8	30-Nov-87	16 A	853.3
409596	880.4	23-Nov-88	20 F	835.0	PJ#027	967.8	14-Dec-87	16 A	853.3
409596	880.4	25-Apr-90	26 F	831.6	PJ#027	967.8	11-Jan-88	17 A	853.2
409597	880.3	14-Dec-87	16 F	837.6	PJ#027	967.8	27-Jan-88	17 F	853.4
409597	880.3	26-Jan-88	17 F	837.7	PJ#027	967.8	14-Apr-88	18 F	854.4
409597	880.3	13-Apr-88	18 F	838.2	PJ#027	967.8	02-May-88	18 A	853.7
409597	880.3	30-Aug-88	19 F	833.6	PJ#027	967.8	20-May-88	18 A	853.1
409597	880.3	23-Nov-88	20 F	834.9	PJ#027	967.8	23-Jun-88	18 A	852.0
409597	880.3	25-Apr-90	26 F	831.6	PJ#027	967.8	27-Jul-88	19 A	850.6
409598	879.8	14-Dec-87	16 F	837.3	PJ#027	967.8	30-Aug-88	19 F	849.5
409598	879.8	26-Jan-88	17 F	837.4	PJ#027	967.8	01-Sep-88	19 A	849.7
409598	879.8	13-Apr-88	18 F	838.0	PJ#027	967.8	21-Sep-88	19 A	849.4
409598	879.8	30-Aug-88	19 F	833.4	PJ#027	967.8	14-Oct-88	20 A	849.3
409598	879.8	23-Nov-88	20 F	834.1	PJ#027	967.8	25-Nov-88	20 F	849.9
500691	891.2	02-Nov-89	24 F	828.8	PJ#027	967.8	02-Dec-88	20 A	850.1
500691	891.2	19-Apr-90	26 F	829.7	PJ#027	967.8	13-Jan-89	21 A	850.3
500691	891.2	20-Jul-90	27 F	828.0	PJ#027	967.8	31-Mar-89	21 A	848.2
500691	891.2	20-Sep-90	28 F	827.4	PJ#027	967.8	05-Aug-89	23 F	847.2
508115	910.7	19-Apr-90	26 F	828.7	PJ#027	967.8	05-Oct-89	24 A	845.8
508115	910.7	20-Jul-90	27 F	827.0	PJ#027	967.8	06-Nov-89	24 F	842.6
508115	910.7	20-Sep-90	28 F	827.4	PJ#027	967.8	21-Dec-89	24 A	845.6
PJ#003	943.9	14-Dec-87	16 F	848.8	PJ#027	967.8	11-Jan-90	25 A	845.4
PJ#003	943.9	27-Jan-88	17 F	848.9	PJ#027	967.8	16-May-90	26 A	845.5
PJ#003	943.9	14-Apr-88	18 F	850.1	PJ#074	954.2	14-Dec-87	16 A	854.1
PJ#003	943.9	02-May-88	18 A	849.2	PJ#074	954.2	28-Jan-88	17 F	854.2
PJ#003	943.9	20-May-88	18 A	848.6	PJ#074	954.2	14-Apr-88	18 F	854.9
PJ#003	943.9	27-Jul-88	19 A	846.1	PJ#074	954.2	02-May-88	18 A	854.4
PJ#003	943.9	30-Aug-88	19 F	845.4	PJ#074	954.2	20-May-88	18 A	853.9
PJ#003	943.9	01-Sep-88	19 A	845.3	PJ#074	954.2	23-Jun-88	18 A	852.6
PJ#003	943.9	21-Sep-88	19 A	845.0	PJ#074	954.2	27-Jul-88	19 A	851.1
PJ#003	943.9	14-Oct-88	20 A	845.2	PJ#074	954.2	30-Aug-88	19 F	850.2
PJ#003	943.9	25-Nov-88	20 F	845.9	PJ#074	954.2	01-Sep-88	19 A	849.4
PJ#003	943.9	02-Dec-88	20 A	846.1	PJ#074	954.2	21-Sep-88	19 A	850.0
PJ#003	943.9	13-Jan-89	21 A	845.8	PJ#074	954.2	14-Oct-88	20 A	849.1
PJ#003	943.9	31-Mar-89	21 A	843.7	PJ#074	954.2	25-Nov-88	20 F	850.5
PJ#003	943.9	05-Aug-89	23 F	842.0	PJ#074	954.2	02-Dec-88	20 A	850.7
PJ#003	943.9	05-Oct-89	24 A	841.4	PJ#074	954.2	13-Jan-89	21 A	850.8
					PJ#074	954.2	31-Mar-89	21 A	849.0
					PJ#074	954.2	05-Aug-89	23 F	847.3

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
PJ#074	954.2	05-Oct-89	24 A	846.0	PJ#318	983.0	30-Aug-88	19 F	806.2
PJ#074	954.2	03-Nov-89	24 F	851.8	PJ#318	983.0	25-Nov-88	20 F	807.3
PJ#074	954.2	21-Dec-89	24 A	846.3	PJ#318	983.0	29-Apr-89	22 F	806.1
PJ#074	954.2	11-Jan-90	25 A	846.2	PJ#318	983.0	07-Aug-89	23 F	809.0
					PJ#318	983.0	02-Nov-89	24 F	805.1
					PJ#318	983.0	17-Apr-90	26 F	812.4
PJ#309	912.1	02-Dec-88	20 A	854.8					
PJ#309	912.1	13-Jan-89	21 A	847.7	PJ#501	904.2	15-Dec-87	16 F	856.0
PJ#309	912.1	31-Mar-89	21 A	840.2	PJ#501	904.2	27-Jan-88	17 F	854.1
PJ#309	912.1	07-Jul-89	23 A	839.5	PJ#501	904.2	14-Apr-88	18 F	854.7
PJ#309	912.1	05-Aug-89	23 F	837.5	PJ#501	904.2	30-Aug-88	19 F	850.0
PJ#309	912.1	05-Oct-89	24 A	835.1	PJ#501	904.2	25-Nov-88	20 F	850.0
PJ#309	912.1	11-Jan-90	25 A	838.4	PJ#501	904.2	05-Aug-89	23 F	847.4
PJ#309	912.1	16-May-90	26 A	839.1					
PJ#309	912.1	16-Jul-90	27 A	839.0	PJ#502	920.7	15-Dec-87	16 F	864.0
					PJ#502	920.7	27-Jan-88	17 F	853.7
PJ#310	913.5	02-Dec-88	20 A	845.4	PJ#502	920.7	14-Apr-88	18 F	854.3
PJ#310	913.5	13-Jan-89	21 A	847.5	PJ#502	920.7	30-Aug-88	19 F	849.7
PJ#310	913.5	31-Mar-89	21 A	838.3	PJ#502	920.7	25-Nov-88	20 F	849.7
PJ#310	913.5	07-Jul-89	23 A	835.5	PJ#502	920.7	05-Aug-89	23 F	846.9
PJ#310	913.5	05-Aug-89	23 F	837.2					
PJ#310	913.5	05-Oct-89	24 A	835.5	PJ#503	927.3	15-Dec-87	16 F	852.2
PJ#310	913.5	06-Nov-89	24 F	833.5	PJ#503	927.3	27-Jan-88	17 F	853.7
PJ#310	913.5	21-Dec-89	24 A	834.1	PJ#503	927.3	14-Apr-88	18 F	854.3
PJ#310	913.5	11-Jan-90	25 A	834.1	PJ#503	927.3	30-Aug-88	19 F	849.9
PJ#310	913.5	16-May-90	26 A	835.3	PJ#503	927.3	25-Nov-88	20 F	849.9
PJ#310	913.5	16-Jul-90	27 A	835.4	PJ#503	927.3	05-Aug-89	23 F	853.5
PJ#311	905.3	31-Mar-89	21 A	840.8	PJ#504	884.0	05-Aug-89	23 F	762.8
PJ#311	905.3	07-Jul-89	23 A	840.3	PJ#504	884.0	06-Nov-89	24 F	762.8
PJ#311	905.3	05-Aug-89	23 F	838.3					
PJ#311	905.3	05-Oct-89	24 A	840.4	PJ#506	943.6	15-Dec-87	16 F	854.5
PJ#311	905.3	06-Nov-89	24 F	837.9	PJ#506	943.6	27-Jan-88	17 F	854.2
PJ#311	905.3	21-Dec-89	24 A	845.8	PJ#506	943.6	14-Apr-88	18 F	855.1
PJ#311	905.3	11-Jan-90	25 A	839.0	PJ#506	943.6	30-Aug-88	19 F	850.5
PJ#311	905.3	16-May-90	26 A	839.7	PJ#506	943.6	25-Nov-88	20 F	850.5
PJ#311	905.3	16-Jul-90	27 A	838.5	PJ#506	943.6	05-Aug-89	23 F	847.5
PJ#313	893.4	02-Dec-88	20 A	847.5	PJ#507	946.6	15-Dec-87	16 F	854.1
PJ#313	893.4	13-Jan-89	21 A	845.7	PJ#507	946.6	27-Jan-88	17 F	853.9
PJ#313	893.4	31-Mar-89	21 A	838.6	PJ#507	946.6	14-Apr-88	18 F	854.6
PJ#313	893.4	07-Jul-89	23 A	836.8	PJ#507	946.6	30-Aug-88	19 F	850.2
PJ#313	893.4	05-Aug-89	23 F	839.9	PJ#507	946.6	25-Nov-88	20 F	850.2
PJ#313	893.4	05-Oct-89	24 A	835.8	PJ#507	946.6	05-Aug-89	23 F	847.3
PJ#313	893.4	21-Dec-89	24 A	835.5					
PJ#313	893.4	11-Jan-90	25 A	894.5	PJ#508	956.8	15-Dec-87	16 F	854.0
PJ#313	893.4	16-May-90	26 A	836.7	PJ#508	956.8	27-Jan-88	17 F	856.0
PJ#313	893.4	16-Jul-90	27 A	836.5	PJ#508	956.8	14-Apr-88	18 F	854.5
					PJ#508	956.8	30-Aug-88	19 F	850.2

7/26/91

TABLE 1  
GROUNDWATER ELEVATION DATA

Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)	Well	TOS (ft)	Date	QTR	Groundwater Elev.(ft)
PJ#508	956.8	25-Nov-88	20 F	850.2	PJ#806	909.3	31-Mar-89	21 A	841.9
PJ#508	956.8	05-Aug-89	23 F	847.2	PJ#806	909.3	03-Aug-89	23 F	840.2
PJ#508	956.8	03-Nov-89	24 F	846.3	PJ#806	909.3	05-Oct-89	24 A	839.7
					PJ#806	909.3	03-Nov-89	24 F	839.8
PJ#802	902.4	17-Nov-87	16 A	849.4	PJ#806	909.3	21-Dec-89	24 A	839.1
PJ#802	902.4	24-Nov-87	16 A	849.3	PJ#806	909.3	11-Jan-90	25 A	839.4
PJ#802	902.4	30-Nov-87	16 A	849.2	PJ#806	909.3	16-May-90	26 A	839.5
PJ#802	902.4	14-Dec-87	16 F	848.9	PJ#806	909.3	16-Jul-90	27 A	839.1
PJ#802	902.4	14-Dec-87	16 A	849.0					
PJ#802	902.4	11-Jan-88	17 A	849.3					
PJ#802	902.4	26-Jan-88	17 F	849.0					
PJ#802	902.4	13-Apr-88	18 F	848.4					
PJ#802	902.4	02-May-88	18 A	849.5					
PJ#802	902.4	20-May-88	18 A	849.0					
PJ#802	902.4	23-Jun-88	18 A	847.7					
PJ#802	902.4	27-Jul-88	19 A	846.8					
PJ#802	902.4	30-Aug-88	19 F	845.8					
PJ#802	902.4	01-Sep-88	19 A	845.8					
PJ#802	902.4	21-Sep-88	19 A	845.5					
PJ#802	902.4	14-Oct-88	20 A	845.6					
PJ#802	902.4	25-Nov-88	20 F	846.4					
PJ#802	902.4	02-Dec-88	20 A	846.3					
PJ#802	902.4	13-Jan-89	21 A	846.3					
PJ#802	902.4	31-Mar-89	21 A	843.8					
PJ#802	902.4	03-Aug-89	23 F	842.2					
PJ#802	902.4	05-Oct-89	24 A	841.8					
PJ#802	902.4	03-Nov-89	24 F	841.5					
PJ#802	902.4	21-Dec-89	24 A	841.3					
PJ#802	902.4	11-Jan-90	25 A	841.4					
PJ#802	902.4	16-May-90	26 A	841.4					
PJ#802	902.4	16-Jul-90	27 A	841.0					
PJ#806	909.3	17-Nov-87	16 A	848.9					
PJ#806	909.3	24-Nov-87	16 A	848.5					
PJ#806	909.3	30-Nov-87	16 A	848.2					
PJ#806	909.3	14-Dec-87	16 A	848.0					
PJ#806	909.3	11-Jan-88	17 A	848.8					
PJ#806	909.3	27-Jan-88	17 F	847.8					
PJ#806	909.3	13-Apr-88	18 F	848.4					
PJ#806	909.3	02-May-88	18 A	848.2					
PJ#806	909.3	20-May-88	18 A	847.7					
PJ#806	909.3	23-Jun-88	18 A	846.0					
PJ#806	909.3	27-Jul-88	19 A	845.6					
PJ#806	909.3	30-Aug-88	19 F	844.5					
PJ#806	909.3	01-Sep-88	19 A	844.9					
PJ#806	909.3	21-Sep-88	19 A	844.2					
PJ#806	909.3	14-Oct-88	20 A	844.7					
PJ#806	909.3	25-Nov-88	20 F	846.0					
PJ#806	909.3	02-Dec-88	20 A	845.8					
PJ#806	909.3	13-Jan-89	21 A	845.8					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT NUMBER

WENCK ASSOCIATES, INC.

## TABLE 2

### TCAAP Groundwater Quality Data (Organics)

#### Notes:

1. Qtr = Quarter. Under this heading, F = FCC and A = Alliant Techsystems, Inc.
2. TCAAP GW Criteria = groundwater action criteria set forth in Table 3.7A of the Federal Facilities Agreement.
3. The parameters are grouped by chemical categories. Benzene, Toluene, and total xylenes comprise Category 7 -- all other parameters are Category 1.
4. 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.
5. Well designation with a "B" represent duplicate samples collected for QA/QC purposes.
6. The data for 04U821 on April 19, 1990 represents unadjusted laboratory data since the data had not yet been entered into the IRDMS.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01L811	25-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01L813	25-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01L816	25-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01L821	30-Nov-87 F16	<1.80	2.80	<1.00	39.00			110.00	<1.60	<2.00	15.00	3.00	<2.20
01L822	01-Dec-87 F16	<18.00	<22.00	<10.00	43.00			<30.00	<16.00	<20.00	<14.00	<10.00	<22.00
01L823	01-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U003	27-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U003	26-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U004	27-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U004	26-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U004	27-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U022	05-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U034	11-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U034	14-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U035	14-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U036	11-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U036	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U036	14-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U036	25-Apr-89 F22	1.26	0.70	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U036	26-Apr-89 F22	1.41	0.75	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U036	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U036	27-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U036	24-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U036	25-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U037	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U037	18-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U038	06-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U039	06-Apr-88 F18	<1.00	<0.50	<1.00	0.93			<1.90	<1.00	<1.00		<0.50	
01U039	18-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
01L811	25-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
01L813	25-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
01L816	25-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
01L821	30-Nov-87 F16	<0.82	<1.20	<9.00	<3.60			
01L822	01-Dec-87 F16	<8.20	<12.00	<90.00	<36.00			
01L823	01-Dec-87 F16	<0.41	<0.62	<4.50	<1.80			
01U003	27-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U003	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U004	27-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U004	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U004	27-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U022	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U034	11-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	1.20
01U034	14-Nov-88 F20	<0.72	<1.00			<0.41	<0.87	<8.28
01U035	14-Nov-88 F20	<0.72	<1.00			<0.41	<0.87	<8.28
01U036	11-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U036	16-Nov-87 F16	<0.41	<0.62					
01U036	14-Nov-88 F20	<0.72	<1.00			<0.41	<0.87	<8.28
01U036	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U036	26-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U036	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U036	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U036	24-Oct-89 F24	0.39	<0.62			<3.09	31.00	<1.17
01U036	25-Oct-89 F24	0.60	<0.62			<3.09	31.00	<1.17
01U037	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U037	18-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U038	06-Apr-88 F18	<0.72	<1.00			1.61	<0.87	<8.28
01U039	06-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U039	18-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U040	05-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U041	05-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U045	08-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U047	27-Apr-89 F22	<1.00	<0.50	<1.00	23.10			<1.90	<1.00	<1.00		<0.50	
01U047	26-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U047	25-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U048	27-Apr-89 F22	<1.00	<0.50	<1.00	9.89			<1.90	<1.00	<1.00		<0.50	
01U048	26-Jul-89 F23	<0.88	<1.10	<0.49	5.75			<1.50	<0.81	<0.99		<0.51	
01U048	25-Oct-89 F24	<0.88	<1.10	<0.49	2.89			<1.50	<0.81	<0.99		<0.51	
01U050	16-Nov-87 F16	<0.88	6.88	<0.49	<0.56			<1.50	2.26	<0.99	<0.72	<0.51	<1.10
01U050	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U050	15-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U050	21-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U051	16-Nov-87 F16	<0.88	2.39	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U051	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U051	15-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U051	21-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U052	27-Apr-89 F22	<1.00	<0.50	<1.00	1.24			<1.90	<1.00	<1.00		<0.50	
01U052	26-Jul-89 F23	<0.88	<1.10	<0.49	1.75			<1.50	<0.81	<0.99		<0.51	
01U052	25-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U053	16-Nov-87 F16	<0.88	<1.10	0.94	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U053	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U053	15-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U053	21-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U054	16-Nov-87 F16	<0.88	16.10	<0.49	<0.56			<1.50	5.92	<0.99	<0.72	<0.51	<1.10
01U054	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U054	15-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U054	21-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U054	27-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U054	26-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U054	26-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U060	19-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U060	11-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U060	17-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
01U040	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U041	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U045	08-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U047	27-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U047	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U047	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U048	27-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U048	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U048	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U050	16-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U050	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U050	15-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U050	21-Nov-88 F20	<0.72	<1.00					
01U051	16-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U051	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U051	15-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U051	21-Nov-88 F20	<0.72	<1.00					
01U052	27-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U052	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U052	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U053	16-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U053	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U053	15-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U053	21-Nov-88 F20	<0.72	<1.00					
01U054	16-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U054	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U054	15-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U054	21-Nov-88 F20	<0.72	<1.00					
01U054	27-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U054	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U054	26-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U060	19-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	22.70	<1.17
01U060	11-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U060	17-Nov-88 F20	<0.72	<1.00					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U060	26-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U062	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U062	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U062	16-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U062	21-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U062	09-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U062	26-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U062	26-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U063	05-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U063	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U064	12-May-89 F22	<1.00	5.42	2.96	150.00			3.58	7.15	<1.00		1.42	
01U064	26-Jul-89 F23	<22.00	<28.00	<12.00	430.00			<38.00	<20.00	<25.00		<13.00	
01U064	27-Oct-89 F24	<22.00	41.00	<12.00	430.00			<38.00	22.00	<25.00		<13.00	
01U065	28-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U065	26-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U065	25-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U067	05-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U072	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U085	11-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U085	10-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U085	17-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U085	18-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U098	19-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U098	11-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U098	17-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U098	26-Apr-90 F26	<1.00	0.57	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U100	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U101	14-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U101	25-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U101	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U101	26-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U101	24-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U101	25-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
01U060	26-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U062	16-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U062	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U062	16-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U062	21-Nov-88 F20	<0.72	<1.00					
01U062	09-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U062	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U062	26-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U063	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U063	07-Apr-88 F18	<0.72	<1.00					
01U064	12-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U064	26-Jul-89 F23	<10.00	<16.00			<3.09	<3.39	<1.17
01U064	27-Oct-89 F24	<10.00	<16.00			<77.00	<85.00	<29.00
01U065	28-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U065	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U065	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U067	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U072	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U085	11-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U085	10-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U085	17-Nov-88 F20	<0.72	<1.00					
01U085	18-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U098	19-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U098	11-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U098	17-Nov-88 F20	<0.72	<1.00					
01U098	26-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U100	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U101	14-Nov-88 F20	<0.72	<1.00			<0.41	<0.87	<8.28
01U101	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U101	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U101	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U101	24-Oct-89 F24	0.38	<0.62			<3.09	<3.39	<1.17
01U101	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U102	08-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U102	11-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U102	25-Apr-89 F22	41.60	31.00	<1.00	9.60			<1.90	<1.00	<1.00		<0.50	
01U102	25-Jul-89 F23	<0.88	2.20	<0.49	44.00			<1.50	<0.81	<0.99		<0.51	
01U102	27-Jul-89 F23	<1.80	2.80	<0.98	47.00			<3.00	<1.60	<2.00		<1.00	
01U102	25-Oct-89 F24	81.00	160.00	<0.49	75.00			<1.50	<0.81	<0.99		<0.51	
01U102	26-Oct-89 F24	64.00	200.00	<0.49	80.00			<1.50	<0.81	<0.99		<0.51	
01U102	16-Apr-90 F26	250.00	270.00	<1.00	77.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U102	17-Apr-90 F26												
01U102	17-Jul-90 F27	250.00	300.00	<1.00	130.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U102	19-Sep-90 F28	170.00	170.00	<1.00	170.00			<1.90	<1.00	<1.00		<0.50	
01U102	21-Sep-90 F28	170.00	190.00	<1.00	190.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U102B	21-Sep-90 F28	190.00	190.00	<1.00	200.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U103	11-Nov-87 F16												
01U103	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U103	18-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U103	08-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U103	11-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U103	25-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U103	26-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U103	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U103	27-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U103	25-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U103	26-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U103	16-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U107	08-Apr-88 F18	<1.00	<0.54	<1.00	<1.49			<1.90	<1.00	<1.00		<0.50	
01U107	08-Aug-88 F19	<1.00	<0.50	<1.00	1.04			<1.90	<1.00	<1.00		<0.50	
01U107	15-Nov-88 F20	2.19	0.88	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U107	25-Apr-89 F22	<1.00	<0.50	<1.00	0.632			<1.90	<1.00	<1.00		<0.50	
01U107	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U107	27-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U107	25-Oct-89 F24	<0.88	1.43	<0.49	1.23			<1.50	<0.81	<0.99		<0.51	
01U107	26-Apr-90 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U108	10-Dec-85 F8	1100.00	520.00		510.00								
01U108	18-Mar-86 F9	990.00	520.00		590.00								
01U108	07-Jul-86 F11	930.00	300.00		530.00								
01U108	17-Nov-87 F16	260.00	150.00	<12.00	670.00			<38.00	<20.00	<25.00	<18.00	<13.00	<28.00
01U108	11-Apr-88 F18	900.00	550.00	<1.00	800.00			<1.90	<1.00	<1.00		<0.50	
01U108	25-Aug-88 F19	1000.00	750.00	<20.00	720.00			<38.00	<20.00	<20.00		<10.00	
01U108	15-Nov-88 F20	640.00	480.00	<20.00	300.00			<38.00	<20.00	<20.00		<10.00	

7/26/91

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAAP GW CRITERIA		0.19	6			0.7	2000	440
01U102	08-Aug-88 F19	<0.72	<1.00					
01U102	11-Nov-88 F20	<0.72	<1.00					
01U102	25-Apr-89 F22	<0.72	<1.00			0.84	<0.87	<8.28
01U102	25-Jul-89 F23	<0.41	<0.62			<3.09	34.00	<1.17
01U102	27-Jul-89 F23	<0.82	<1.20			<6.20	34.00	<2.30
01U102	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U102	26-Oct-89 F24	<0.41	<0.62			<6.20	<6.80	<2.30
01U102	16-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
01U102	17-Apr-90 F26					10.90	<0.87	<8.28
01U102	17-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	6.90	<0.87	<8.28
01U102	19-Sep-90 F28	<0.72	<1.00			ND	ND	ND
01U102	21-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
01U102B	21-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
01U103	11-Nov-87 F16					<3.09	<3.39	1.48
01U103	16-Nov-87 F16	<0.41	<0.62					
01U103	18-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
01U103	08-Aug-88 F19	<0.72	<1.00					
01U103	11-Nov-88 F20	<0.72	<1.00					
01U103	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U103	26-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U103	25-Jul-89 F23	<0.41	<0.62			<3.09	11.40	<1.17
01U103	27-Jul-89 F23	<0.41	<0.62			<3.09	11.40	<1.17
01U103	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U103	26-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U103	16-Apr-90 F26	<0.72	<1.00			<0.41	<0.87	<8.28
01U107	08-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U107	08-Aug-88 F19	<0.72	<1.00					
01U107	15-Nov-88 F20	<0.72	<1.00					
01U107	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U107	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<8.28
01U107	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U107	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U107	26-Apr-90 F22	<0.72	<1.00			<0.41	<0.87	<1.17
01U108	10-Dec-85 F8							
01U108	18-Mar-86 F9							
01U108	07-Jul-86 F11							
01U108	17-Nov-87 F16	<10.00	<16.00	<110.00	<45.00	<3.09	<3.39	<1.17
01U108	11-Apr-88 F18	<0.72	<1.00			4.50	<0.87	<8.28
01U108	25-Aug-88 F19	<14.00	<20.00					
01U108	15-Nov-88 F20	<14.00	<20.00					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCLE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U108	21-Feb-89 F21	620.00	400.00	<1.00	310.00			<1.90	<1.00	<1.00		<0.50	
01U108	21-Mar-89 F21	410.00	230.00	<1.00	170.00			<1.90	<1.00	<1.00		<0.50	
01U108	24-Apr-89 F22	420.00	300.00	12.00	120.00			<19.00	<10.00	<10.00		<5.00	
01U108	24-Apr-89 F22	380.00	280.00	<1.00	110.00			<1.90	<1.00	<1.00		<0.50	
01U108	23-May-89 F22	150.00	95.00	<1.00	30.00			<1.90	<1.00	<1.00		<0.50	
01U108	23-Jun-89 F22	590.00	340.00	<1.00	80.00			<1.90	<1.00	<1.00		<0.50	
01U108	17-Jul-89 F23	380.00	200.00	<1.00	71.00			<1.90	<1.00	<1.00		<0.50	
01U108	28-Aug-89 F23	440.00	210.00	<1.00	62.00			<1.90	<1.00	<1.00		<0.50	
01U108	03-Oct-89 F24	150.00	64.00	<1.00	40.00			<1.90	<1.00	<1.00		<0.50	
01U108	24-Oct-89 F24	180.00	160.00	<12.00	100.00			<38.00	<20.00	<25.00		<13.00	
01U108	24-Oct-89 F24	280.00	33.00	<1.00	67.00			<1.90	<1.00	<1.00		<0.50	
01U108	22-Nov-89 F24	140.00	72.00	<1.00	48.00			<1.90	<1.00	<1.00		<0.50	
01U108	19-Dec-89 F24	99.00	45.00	<1.00	30.00			<1.90	<1.00	<1.00		<0.50	
01U108	23-Jan-90 F25	200.00	110.00	<1.00	63.00			<1.90	<1.00	<1.00		<0.50	
01U108	20-Feb-90 F25	170.00	110.00	<1.00	61.00			<1.90	<1.00	<1.00		<0.50	
01U108	20-Mar-90 F25	240.00	140.00	<1.00	68.00			<1.90	<1.00	<1.00		<0.50	
01U108	16-Apr-90 F26	230.00	160.00	<20.00	76.00			<38.00	<20.00	<20.00		<10.00	
01U108	16-Apr-90 F26	200.00	150.00	<1.00	70.00			<1.90	<1.00	<1.00		<0.50	
01U108	22-May-90 F26	76.20	45.00	<1.00	18.00			<1.90	<1.00	<1.00		<0.50	
01U108	19-Jun-90 F26	68.30	9.94	<1.00	15.90			<1.90	<1.00	<1.00		<0.50	
01U108	17-Jul-90 F27	68.00	39.00	<1.00	13.00			<1.90	<1.00	<1.00		<0.50	
01U108	17-Jul-90 F27	75.00	42.00	<1.00	14.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U108	21-Aug-90 F27	110.00	62.00	<1.00	14.10			<1.90	<1.00	<1.00		<0.50	
01U108	18-Sep-90 F28	140.00	73.00	<1.00	20.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U108	19-Sep-90 F28	110.00	63.00	<1.00	18.40			<1.90	<1.00	<1.00		<0.50	
01U108	22-Oct-90 F28	120.00	54.00	<1.00	12.00			<1.90	<1.00	<1.00		<0.50	
01U108B	18-Sep-90 F28	120.00	67.00	<1.00	19.30			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U109	08-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U110	08-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U115	11-Nov-87 F16	<2.20	12.00	<1.20	43.00			<3.80	<2.00	<2.50	<1.80	<1.30	<2.80
01U115	16-Nov-87 F16	<0.88	3.70	<0.49	16.00			<1.50	<0.81	<0.99		<0.51	
01U115	11-Apr-88 F18	<1.00	13.10	<1.00	32.70			<1.90	<1.00	<1.00		<0.50	
01U115	09-Aug-88 F19	<1.00	6.04	<1.00	24.40			<1.90	<1.00	<1.00		<0.50	
01U115	15-Nov-88 F20	1.21	9.72	<1.00	18.60			<1.90	<1.00	<1.00		<0.50	
01U115	24-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U115	25-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U115	25-Jul-89 F23	<0.88	6.53	<0.49	14.30			<1.50	<0.81	<0.99		<0.51	
01U115	27-Jul-89 F23	<0.88	8.29	<0.49	15.30			<1.50	<0.81	<0.99		<0.51	
01U115	25-Oct-89 F24	<0.88	4.19	<0.49	9.17			<1.50	<0.81	<0.99		<0.51	
01U115	27-Oct-89 F24	<0.88	5.32	<0.49	9.84			<1.50	<0.81	<0.99		<0.51	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAAP GW CRITERIA		0.19	6			0.7	2000	440
01U108	21-Feb-89 F21	<0.72	<1.00					
01U108	21-Mar-89 F21	<0.72	<1.00					
01U108	24-Apr-89 F22	<7.20	<10.00			<4.10	<8.70	<83.00
01U108	24-Apr-89 F22	<0.72	<1.00					
01U108	23-May-89 F22	<0.72	<1.00					
01U108	23-Jun-89 F22	<0.72	<1.00					
01U108	17-Jul-89 F23	<0.72	<1.00					
01U108	28-Aug-89 F23	<0.72	<1.00					
01U108	03-Oct-89 F24	<0.72	<1.00					
01U108	24-Oct-89 F24	<10.00	<16.00			<77.00	<85.00	<29.00
01U108	24-Oct-89 F24	<0.72	<1.00					
01U108	22-Nov-89 F24	<0.72	<1.00					
01U108	19-Dec-89 F24	<0.72	<1.00					
01U108	23-Jan-90 F25	<0.72	<1.00					
01U108	20-Feb-90 F25	<0.72	<1.00					
01U108	20-Mar-90 F25	<0.72	<1.00					
01U108	16-Apr-90 F26	<14.00	<20.00					
01U108	16-Apr-90 F26	<0.72	<1.00					
01U108	22-May-90 F26	<0.72	<1.00					
01U108	19-Jun-90 F26	<0.72	<1.00					
01U108	17-Jul-90 F27	<0.72	<1.00					
01U108	17-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U108	21-Aug-90 F27	<0.72	<1.00					
01U108	18-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U108	19-Sep-90 F28	<0.72	<1.00					
01U108	22-Oct-90 F28	<0.72	<1.00					
01U108B	18-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U109	08-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U110	08-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U115	11-Nov-87 F16	<1.00	<1.60	<11.00	<4.50	<3.09	<3.39	<1.17
01U115	16-Nov-87 F16	<0.41	<0.62					
01U115	11-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U115	09-Aug-88 F19	<0.72	<1.00					
01U115	15-Nov-88 F20	<0.72	<1.00			<0.41	<0.87	<8.28
01U115	24-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U115	25-Apr-89 F22	<0.72	<0.62			<3.09	<3.39	<8.28
01U115	25-Jul-89 F23	<0.41	<1.00			<0.41	<0.87	<8.28
01U115	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U115	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<8.28
01U115	27-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U115	19-Apr-90 F26	<1.00	5.71	<1.00	6.99			<1.90	<1.00	<1.00		<0.50	
01U115	17-Jul-90 F27	<1.00	0.91	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U115	19-Sep-90 F28	<1.00	4.21	<1.00	4.92			<1.90	<1.00	<1.00		<0.50	
01U115	20-Sep-90 F28	<1.00	4.52	<1.00	5.36			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U116	11-Nov-87 F16	<0.88	2.65	<0.49	24.70			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U116	16-Nov-87 F16	<0.88	2.09	<0.49	23.00			<1.50	<0.81	<0.99		<0.51	
01U116	06-Apr-88 F18	<1.00	2.22	<1.00	10.30			<1.90	<1.00	<1.00		<0.50	
01U116	09-Aug-88 F19	<1.00	4.15	<1.00	9.12			<1.90	<1.00	<1.00		<0.50	
01U116	15-Nov-88 F20	<1.00	4.60	<1.00	4.59			<1.90	<1.00	<1.00		<0.50	
01U116	24-Apr-89 F22	<1.00	0.85	1.11	0.66			<1.90	<1.00	<1.00		<0.50	
01U116	25-Apr-89 F22	<1.00	0.80	1.03	0.61			<1.90	<1.00	<1.00		<0.50	
01U116	25-Jul-89 F23	<0.88	3.40	<0.49	1.54			<1.50	<0.81	<0.99		<0.51	
01U116	27-Jul-89 F23	<0.88	4.31	<0.49	1.65			<1.50	<0.81	<0.99		<0.51	
01U116	25-Oct-89 F24	<0.88	2.65	<0.49	1.80			<1.50	<0.81	<0.99		<0.51	
01U116	27-Oct-89 F24	<0.88	3.36	<0.49	1.93			<1.50	<0.81	<0.99		<0.51	
01U116	19-Apr-90 F26	<1.00	4.27	<1.00	1.52			<1.90	<1.00	<1.00		<0.50	
01U117	11-Nov-87 F16	14.00	7.00	<1.20	51.00			<3.80	<2.00	<2.50	<1.80	<1.30	<2.80
01U117	16-Nov-87 F16	7.20	2.20	<0.49	19.00			<1.50	<0.81	<0.99		<0.51	
01U117	06-Apr-88 F18	50.20	22.90	<1.00	44.40			<1.90	<1.00	<1.00		<0.50	
01U117	09-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U117	15-Nov-88 F20	52.90	21.80	<1.00	39.90			<1.90	<1.00	<1.00		<0.50	
01U117	25-Apr-89 F22	78.20	17.20	1.24	1.58			<1.90	<1.00	<1.00		<0.50	
01U117	25-Jul-89 F23	15.40	3.16	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U117	27-Jul-89 F23	12.10	4.01	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U117	25-Oct-89 F24	11.70	10.10	<0.49	60.00			<1.50	<0.81	<0.99		<0.51	
01U117	27-Oct-89 F24	9.21	12.80	<0.49	64.00			<1.50	<0.81	<0.99		<0.51	
01U117	25-Apr-90 F26	10.27	13.63	<1.00	7.84			<1.90	<1.00	<1.00	<0.78	0.99	<1.30
01U118	11-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U118	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U118	07-Apr-88 F18	<1.00	1.41	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U118	09-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U118	15-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U118	25-Apr-89 F22	<1.00	<0.50	1.28	<0.50			<1.90	<1.00	<1.00		<0.50	
01U118	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U118	27-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U118	25-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U118	27-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U118	25-Apr-90 F26	<1.00	0.78	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U119	11-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U119	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
01U115	19-Apr-90 F26	<0.72	<1.00			<0.41	<0.87	<1.17
01U115	17-Jul-90 F27	<0.72	<1.00			<0.41	<0.87	<1.17
01U115	19-Sep-90 F28	<0.72	<1.00			<0.41	<0.87	<1.17
01U115	20-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U116	11-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U116	16-Nov-87 F16	<0.41	<0.62					
01U116	06-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U116	09-Aug-88 F19	<0.72	<1.00					
01U116	15-Nov-88 F20	<0.72	<1.00					
01U116	24-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U116	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U116	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<8.28
01U116	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U116	25-Oct-89 F24	0.48	<0.62			<3.09	<3.39	<8.28
01U116	27-Oct-89 F24	0.31	<0.62			<3.09	<3.39	<1.17
01U116	19-Apr-90 F26	<0.72	<1.00			<0.41	<0.87	<1.17
01U117	11-Nov-87 F16	<1.00	<1.60	<11.00	<4.50	<3.09	<3.39	<1.17
01U117	16-Nov-87 F16	<0.41	<0.62					
01U117	06-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U117	09-Aug-88 F19	<0.72	<1.00					
01U117	15-Nov-88 F20	<0.72	<1.00					
01U117	25-Apr-89 F22	0.84	<1.00			1.28	<0.87	<8.28
01U117	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<8.28
01U117	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U117	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<8.28
01U117	27-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U117	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	2.08	8.33	<8.28
01U118	11-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U118	16-Nov-87 F16	<0.41	<0.62					
01U118	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U118	09-Aug-88 F19	<0.72	<1.00					
01U118	15-Nov-88 F20	<0.72	<1.00					
01U118	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U118	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<8.28
01U118	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U118	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<8.28
01U118	27-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U118	25-Apr-90 F26	<0.72	<1.00			0.68	2.68	<1.17
01U119	11-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U119	16-Nov-87 F16	<0.41	<0.62					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2-Dichloro ethene C12DCE	Trans-1,2-Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U119	07-Apr-88 F18	<1.00	0.77	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U119	12-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U119	15-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U119	25-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U119	26-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U119	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U119	27-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U119	25-Oct-89 F24	<0.88	<1.10	<0.49	1.10			<1.50	<0.81	<0.99		<0.51	
01U119	27-Oct-89 F24	<0.88	<1.10	<0.49	1.18			<1.50	<0.81	<0.99		<0.51	
01U120	11-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U120	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U120	07-Apr-88 F18	<1.00	2.23	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U120	12-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U120	15-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U120	25-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U120	27-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U120	25-Jul-89 F23	<0.88	1.11	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U120	27-Jul-89 F23	<0.88	1.41	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U120	25-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U120	27-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U120	25-Apr-90 F26	<1.00	0.71	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U122	09-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U122	05-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U122	08-Aug-88 F19	<1.00	1.11	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U122	11-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U125	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U125	08-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U125	11-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U125	12-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U125	17-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U125	01-May-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U126	16-Nov-87 F16	16.00	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U126	08-Dec-87 F16	25.00	<2.20	<1.00	<1.10			<3.00	<1.60	<2.00	<1.40	<1.00	<2.20
01U126	06-Apr-88 F18	37.60	0.79	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U126	12-Aug-88 F19	30.80	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U126	17-Nov-88 F20	34.70	2.11	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U126	24-Apr-89 F22	5.41	0.70	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U126	25-Apr-89 F22	4.90	0.65	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U126	25-Jul-89 F23	4.85	1.39	<0.49	1.20			<1.50	<0.81	<0.99		<0.51	
01U126	27-Jul-89 F23	3.82	1.76	<0.49	1.29			<1.50	<0.81	<0.99		<0.51	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
01U119	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U119	12-Aug-88 F19	<0.72	<1.00					
01U119	15-Nov-88 F20	<0.72	<1.00					
01U119	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U119	26-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U119	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<8.28
01U119	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U119	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<8.28
01U119	27-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U120	11-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U120	16-Nov-87 F16	<0.41	<0.62					
01U120	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U120	12-Aug-88 F19	<0.72	<1.00					
01U120	15-Nov-88 F20	<0.72	<1.00					
01U120	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U120	27-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U120	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<8.28
01U120	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U120	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<8.28
01U120	27-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U120	25-Apr-90 F26	<0.72	<1.00			1.31	6.17	<8.28
01U122	09-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U122	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U122	08-Aug-88 F19	<0.72	<1.00					
01U122	11-Nov-88 F20	<0.72	<1.00					
01U125	16-Nov-87 F16	<0.41	<0.62					
01U125	08-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U125	11-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U125	12-Aug-88 F19	<0.72	<1.00					
01U125	17-Nov-88 F20	<0.72	<1.00			<5.00	14.00	13.00
01U125	01-May-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U126	16-Nov-87 F16	<0.41	<0.62					
01U126	08-Dec-87 F16	<0.82	<1.20	<9.00	<3.60	<3.09	<3.39	<1.17
01U126	06-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U126	12-Aug-88 F19	<0.72	<1.00					
01U126	17-Nov-88 F20	<0.72	<1.00					
01U126	24-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U126	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U126	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<8.28
01U126	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U126	25-Oct-89 F24	2.29	2.14	<0.49	1.37			<1.50	<0.81	<0.99		<0.51	
01U126	01-May-90 F26	5.85	0.79	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U127	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U127	11-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U127	06-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U127	12-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U127	14-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U127	25-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U127	26-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U127	25-Oct-89 F24	<0.88	1.45	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U127	01-May-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U128	09-Dec-87 F16	<1.80	<2.20	<1.00	41.00			<3.00	<1.60	<2.00	<1.40	<1.00	<2.20
01U128	05-Apr-88 F18	<1.00	<0.50	<1.00	34.00			<1.90	<1.00	<1.00		<0.50	
01U128	08-Aug-88 F19	<1.00	<0.50	<1.00	41.30			<1.90	<1.00	<1.00		<0.50	
01U128	16-Nov-88 F20	<1.00	<0.50	<1.00	30.70			<1.90	<1.00	<1.00		<0.50	
01U130	07-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U130	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U130	15-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U130	21-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U133	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U133	11-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U133	12-Aug-88 F19	<1.00	<0.50	<1.00	0.61			<1.90	<1.00	<1.00		<0.50	
01U133	14-Nov-88 F20	<1.00	<0.50	<1.00	0.62			<1.90	<1.00	<1.00		<0.50	
01U133	26-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U135	21-Nov-88 F20	<1.00	<0.50	<1.00	0.66			<1.90	<1.00	<1.00		<0.50	
01U135	25-Apr-89 F22	<1.00	<0.50	<1.00	1.07			<1.90	<1.00	<1.00		<0.50	
01U135	25-Jul-89 F23	<0.88	<1.10	<0.49	0.71			<1.50	<0.81	<0.99		<0.51	
01U135	26-Jul-89 F23	<0.88	<1.10	<0.49	0.76			<1.50	<0.81	<0.99		<0.51	
01U135	25-Oct-89 F24	<0.88	<1.10	<0.49	1.46			<1.50	<0.81	<0.99		<0.51	
01U135	19-Apr-90 F26	<1.00	1.38	<1.00	1.41			<1.90	<1.00	<1.00		<0.50	
01U136	21-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U136	25-Apr-89 F22	<1.00	<0.50	1.26	<0.50			<1.90	<1.00	<1.00		<0.50	
01U136	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U136	26-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U136	25-Oct-89 F24	<0.88	<1.10	<0.49	1.16			<1.50	<0.81	<0.99		<0.51	
01U136	19-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U350	13-Sep-88 F20	620.00	380.00	<1.00	540.00			<1.90	<1.00	91.00		14.00	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
01U126	25-Oct-89 F24	0.33	<0.62			<3.09	<3.39	<1.17
01U126	01-May-90 F26	<0.72	<1.00	<1.00	<3.20	0.93	6.07	<8.28
01U127	16-Nov-87 F16	<0.41	<0.62					
01U127	11-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U127	06-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U127	12-Aug-88 F19	<0.72	<1.00					
01U127	14-Nov-88 F20	<0.72	<1.00					
01U127	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U127	26-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U127	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U127	01-May-90 F26	<0.72	<1.00			<0.41	<0.87	<8.28
01U128	09-Dec-87 F16	<0.82	<1.20	<9.00	<3.60	<3.09	<3.39	<1.17
01U128	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U128	08-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U128	16-Nov-88 F20	<0.72	<1.00			<0.41	17.00	22.60
01U130	07-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U130	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U130	15-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U130	21-Nov-88 F20	<0.72	<1.00					
01U133	16-Nov-87 F16	<0.41	<0.62					
01U133	11-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U133	12-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U133	14-Nov-88 F20	<0.72	<1.00					
01U133	26-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U135	21-Nov-88 F20	<0.72	<1.00			<0.41	<0.87	<8.28
01U135	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U135	25-Jul-89 F23	<0.41	<0.62			<3.09	29.40	<8.28
01U135	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U135	25-Oct-89 F24	0.31	<0.62			<3.09	29.40	<1.17
01U135	19-Apr-90 F26	<0.72	<1.00			<0.41	<0.87	<8.28
01U136	21-Nov-88 F20	<0.72	<1.00			<0.41	<0.87	<8.28
01U136	25-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U136	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<8.28
01U136	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U136	25-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U136	19-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	0.66	<0.87	<8.28
01U350	13-Sep-88 F20	<0.72	<1.00					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2-Dichloro ethene C12DCE	Trans-1,2-Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U350	21-Sep-88 F20	130.00	58.00	<1.00	120.00			<1.90	<1.00	<1.00		<0.50	
01U350	27-Sep-88 F20	80.50	37.00	<1.00	88.00			<1.90	<1.00	<1.00		<0.50	
01U350	04-Oct-88 F20	110.00	38.00	<1.00	85.00			<1.90	<1.00	<1.00		<0.50	
01U350	19-Oct-88 F20	120.00	39.00	<1.00	78.00			<1.90	<1.00	<1.00		<0.50	
01U350	25-Oct-88 F20	49.40	21.10	<1.00	43.00			<1.90	<1.00	<1.00		<0.50	
01U350	08-Nov-88 F20	57.40	25.90	<1.00	41.20			<1.90	<1.00	<1.00		<0.50	
01U350	29-Nov-88 F20	38.70	19.10	<1.00	32.30			<1.90	<1.00	<1.00		<0.50	
01U350	06-Dec-88 F20	31.00	16.00	<1.00	38.00			<1.90	<1.00	<1.00		<0.50	
01U350	20-Dec-88 F20	46.70	20.00	<1.00	38.00			<1.90	<1.00	<1.00		<0.50	
01U350	17-Jan-89 F21	27.00	10.00	<1.00	40.00			<1.90	<1.00	<1.00		<0.50	
01U350	21-Feb-89 F21	24.00	16.00	<1.00	24.00			<1.90	<1.00	<1.00		<0.50	
01U350	21-Mar-89 F21	22.00	13.00	<1.00	39.00			<1.90	<1.00	<1.00		<0.50	
01U350	24-Apr-89 F22	30.00	16.00	<1.00	32.00			<1.90	<1.00	<1.00		<0.50	
01U350	23-May-89 F22	17.00	10.00	<1.00	27.00			<1.90	<1.00	<1.00		<0.50	
01U350	23-Jun-89 F22	15.00	8.00	<1.00	24.00			<1.90	<1.00	<1.00		<0.50	
01U350	17-Jul-89 F23	16.00	9.00	<1.00	23.00			<1.90	<1.00	<1.00		<0.50	
01U350	28-Aug-89 F23	16.00	11.00	<1.00	28.00			<1.90	<1.00	<1.00		<0.50	
01U350	03-Oct-89 F24	10.00	6.00	<1.00	23.00			<1.90	<1.00	<1.00		<0.50	
01U350	24-Oct-89 F24	15.00	8.00	<1.00	28.00			<1.90	<1.00	<1.00		<0.50	
01U350	22-Nov-89 F24	20.00	11.00	<1.00	34.00			<1.90	<1.00	<1.00		<0.50	
01U350	19-Dec-89 F24	14.00	8.00	<1.00	27.00			<1.90	<1.00	<1.00		<0.50	
01U350	23-Jan-90 F25	17.00	11.00	<1.00	33.00			<1.90	<1.00	<1.00		<0.50	
01U350	20-Feb-90 F25	18.00	11.00	<1.00	37.00			<1.90	<1.00	<1.00		<0.50	
01U350	20-Mar-90 F25	17.00	11.00	<1.00	32.00			<1.90	<1.00	<1.00		<0.50	
01U350	16-Apr-90 F26	17.00	11.00	<1.00	24.00			<1.90	<1.00	<1.00		<0.50	
01U350	22-May-90 F26	13.70	9.24	<1.00	18.70			<1.90	<1.00	<1.00		<0.50	
01U350	19-Jun-90 F26	17.80	9.94	<1.00	17.30			<1.90	<1.00	<1.00		<0.50	
01U350	17-Jul-90 F27	20.40	10.20	<1.00	13.40			<1.90	<1.00	<1.00		<0.50	
01U350	21-Aug-90 F27	18.50	9.89	<1.00	15.20			<1.90	<1.00	<1.00		<0.50	
01U350	18-Sep-90 F28	20.50	10.30	<1.00	16.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U350	19-Sep-90 F28	18.60	9.62	<1.00	14.70			<1.90	<1.00	<1.00		<0.50	
01U350	22-Oct-90 F28	27.70	12.00	<1.00	14.40			<1.90	<1.00	<1.00		<0.50	
01U524	17-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U524	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U524	16-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U524	21-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U525	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U525	07-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U525	15-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U525	14-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U525	27-Apr-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U525	26-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
01U350	21-Sep-88 F20	<0.72	<1.00					
01U350	27-Sep-88 F20	<0.72	<1.00					
01U350	04-Oct-88 F20	<0.72	<1.00					
01U350	19-Oct-88 F20	<0.72	<1.00					
01U350	25-Oct-88 F20	<0.72	<1.00					
01U350	08-Nov-88 F20	<0.72	<1.00					
01U350	29-Nov-88 F20	<0.72	<1.00					
01U350	06-Dec-88 F20	<0.72	<1.00					
01U350	20-Dec-88 F20	<0.72	<1.00					
01U350	17-Jan-89 F21	3.70	<1.00					
01U350	21-Feb-89 F21	<0.72	<1.00					
01U350	21-Mar-89 F21	<0.72	<1.00					
01U350	24-Apr-89 F22	<0.72	<1.00					
01U350	23-May-89 F22	<0.72	<1.00					
01U350	23-Jun-89 F22	<0.72	<1.00					
01U350	17-Jul-89 F23	<0.72	<1.00					
01U350	28-Aug-89 F23	<0.72	<1.00					
01U350	03-Oct-89 F24	<0.72	<1.00					
01U350	24-Oct-89 F24	<0.72	<1.00					
01U350	22-Nov-89 F24	<0.72	<1.00					
01U350	19-Dec-89 F24	<0.72	<1.00					
01U350	23-Jan-90 F25	<0.72	<1.00					
01U350	20-Feb-90 F25	<0.72	<1.00					
01U350	20-Mar-90 F25	<0.72	<1.00					
01U350	16-Apr-90 F26	<0.72	<1.00					
01U350	22-May-90 F26	<0.72	<1.00					
01U350	19-Jun-90 F26	<0.72	<1.00					
01U350	17-Jul-90 F27	<0.72	<1.00					
01U350	21-Aug-90 F27	<0.72	<1.00					
01U350	18-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
01U350	19-Sep-90 F28	<0.72	<1.00					
01U350	22-Oct-90 F28	<0.72	<1.00					
01U524	17-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U524	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U524	16-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U524	21-Nov-88 F20	<0.72	<1.00					
01U525	16-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U525	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U525	15-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U525	14-Nov-88 F20	<0.72	<1.00					
01U525	27-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U525	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U525	26-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U526	17-Nov-87 F16	<0.88	2.80	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U526	07-Apr-88 F18	<1.00	0.99	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U526	15-Aug-88 F19	<1.00	1.16	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U526	14-Nov-88 F20	<1.00	1.74	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U526	09-May-89 F22	<1.00	0.93	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U526	26-Jul-89 F23	<0.88	1.95	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U526	26-Oct-89 F24	<0.88	2.50	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U526	19-Apr-90 F26	<1.00	1.14	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U527	17-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U527	11-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U527	25-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U527	21-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U601	07-Dec-87 F16	<1.80	3.60	<1.00	<1.10			<3.00	<1.60	<2.00	<1.40	<1.00	<2.20
01U604	13-Aug-87 A15	<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01U604	01-Dec-87 A16	<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01U604	07-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
01U604	29-Feb-88 A17	<0.50	0.60	<0.50		1.00	<0.50	<0.50	<0.50		1.50	<0.50	<0.50
01U604	26-May-88 A18	<0.50	1.50	<0.50		1.80	<0.50	<0.50	<0.50	<0.50	2.00	<0.50	<0.50
01U604	08-May-90 A26	<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U604B	08-May-90 A26	<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U611	01-Dec-87 A16	<0.50	11000.00	<0.50		3900.00	<0.50	120.00	<0.50		74.00	<0.50	<0.50
01U611	08-Dec-87 F16	<4400.00	12000.00	<2400.00	<2800.00			<7500.00	<4000.00	<5000.00	<3600.00	<2600.00	<5500.00
01U611	01-Mar-88 A17	<0.50	38000.00	<0.50		1800.00	<0.50	<0.50	33.00		<0.50	<0.50	<0.50
01U611	26-May-88 A18	<0.50	60000.00	<0.50		1500.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U611	08-May-90 A26	<0.50	35000.00	<0.50		3300.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U615	07-Dec-87 F16	<88.00	1500.00	<49.00	490.00			<150.00	<81.00	<99.00	<72.00	<51.00	<110.00
01U615	08-May-90 A26	<0.50	6500.00	<0.50		1200.00	270.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U617	13-Aug-87 A15	<0.50	1.40	0.50		6.20	<0.50	<0.50	<0.50	<0.50	1.90	<0.50	<0.50
01U617	01-Dec-87 A16	<0.50	1.40	<0.50		6.50	<0.50	<0.50	<0.50	<0.50	3.20	<0.50	<0.50
01U617	29-Feb-88 A17	<0.50	1.10	0.30		3.40	<0.50	<0.50	<0.50	<0.50	1.40	<0.50	<0.50
01U617	26-May-88 A18	<0.50	1.90	<0.50		4.00	<0.50	<0.50	<0.50	<0.50	1.70	<0.50	<0.50
01U617B	26-May-88 A18	<0.50	2.00	0.40		4.00	<0.50	<0.50	<0.50	<0.50	2.00	<0.50	<0.50
01U617	19-Aug-88 F19	<1.00	1.72	<1.00	6.29			<1.90	<1.00	<1.00		<0.50	<0.50
01U617	08-May-90 A26	<0.50	2.00	0.40		4.90	0.40	<0.50	<0.50	<0.50	0.80	<0.50	<0.50
01U617	03-Jul-90 A27	<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
01U525	26-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U526	17-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U526	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U526	15-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U526	14-Nov-88 F20	<0.72	<1.00					
01U526	09-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U526	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U526	26-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U526	19-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
01U527	17-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U527	11-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
01U527	25-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U527	21-Nov-88 F20	<0.72	<1.00					
01U601	07-Dec-87 F16	<0.82	<1.20	<9.00	<3.60	<6.20	<6.80	<2.30
01U604	13-Aug-87 A15	<0.50						
01U604	01-Dec-87 A16	<0.50			1.00			
01U604	07-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
01U604	29-Feb-88 A17	<0.50			<0.50			
01U604	26-May-88 A18	<0.50			<0.50			
01U604	08-May-90 A26	<0.50			<0.50			
01U604B	08-May-90 A26	<0.50			<0.50			
01U611	01-Dec-87 A16	<0.50			<0.50			
01U611	08-Dec-87 F16	<2000.00	<3100.00	<22000.00	<9000.00	<15000.00	<17000.00	<5800.00
01U611	01-Mar-88 A17	<0.50			<0.50			
01U611	26-May-88 A18	<0.50			77.00			
01U611	08-May-90 A26	<0.50			<0.50			
01U615	07-Dec-87 F16	<41.00	<62.00	<450.00	<180.00	<3.09	<3.39	<1.17
01U615	08-May-90 A26	<0.50			<0.50			
01U617	13-Aug-87 A15	<0.50						
01U617	01-Dec-87 A16	<0.50			<0.50			
01U617	29-Feb-88 A17	<0.50			<0.50			
01U617	26-May-88 A18	<0.50			<0.50			
01U617B	26-May-88 A18	<0.50			<0.50			
01U617	19-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U617	08-May-90 A26	<0.50			<0.50			
01U617	03-Jul-90 A27	<0.50			<0.50			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U618	13-Aug-87 A15	<0.50	7.70	0.60		2.50	<0.50	<0.50	<0.50	<0.50	2.40	<0.50	
01U618	30-Nov-87 A16	<0.50	8.60	<0.50		2.30	2.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U618B	30-Nov-87 A16	<0.50	8.80	<0.50		2.40	2.40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U618	29-Feb-88 A17	<0.50	8.90	<0.50		1.50	<0.50	<0.50	0.60	<0.50	<0.50	<0.50	<0.50
01U618B	29-Feb-88 A17	<0.50	4.50	<0.50		1.40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U618	26-May-88 A18	<0.50	7.00	<0.50		2.40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U618	19-Aug-88 F19	<1.00	3.96	<1.00	1.21			<1.90	<1.00	<1.00	<0.50	<0.50	<0.50
01U618	08-May-90 A26	<0.50	6.00	<0.50		1.30	<0.50	<0.50	<0.50	<0.50	0.30	<0.50	<0.50
01U619	19-Aug-88 F19	<1.00	1.74	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U619	08-May-90 A26	<0.50	2.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U621	08-May-90 A26	<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U621	03-Jul-90 A27	<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
01U634	12-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U634	26-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U636	12-May-89 F22	<1.00	0.82	<1.00	<0.50			<1.90	1.75	<1.00		<0.50	
01U636	26-Jul-89 F23	<0.88	3.31	<0.49	<0.56			<1.50	3.56	<0.99		<0.51	
01U639	12-May-89 F22	<1.00	1.85	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U639	26-Jul-89 F23	<1.80	41.00	<0.98	<1.10			4.70	<1.60	<2.00		<1.00	
01U640	26-Jul-89 F23	<1.80	30.00	<0.98	<1.10			7.90	2.60	<2.00		<1.00	
01U652	12-May-89 F22	<1.00	<0.50	<1.00	37.30			<1.90	<1.00	<1.00		<0.50	
01U652	26-Jul-89 F23	<0.88	<1.10	<0.49	28.50			2.20	<0.81	<0.99		<0.51	
01U652	27-Oct-89 F24	<0.88	<1.10	<0.49	18.70			<1.50	<0.81	<0.99		<0.51	
01U666	12-May-89 F22	<1.00	77.00	<1.00	18.70			<1.90	<1.00	<1.00		<0.50	
01U901	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U901	27-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U901	20-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
01U901	25-Oct-89 F24	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U901	30-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
01U901	17-Jul-90 F27	<1.00	2.16	<1.00	0.83			<1.90	<1.00	<1.00		<0.50	
01U901	18-Sep-90 F28	<1.00	<0.50	<1.00	0.82			<1.90	<1.00	<1.00		<0.50	
01U901	19-Sep-90 F28	<1.00	<0.50	<1.00	0.75			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U902	25-Jul-89 F23	<1.00	49.00	<1.00	65.00			<1.90	<1.00	<1.00		<0.50	
01U902	27-Jul-89 F23	35.00	62.00	<0.98	70.00			<3.00	<1.60	<2.00		<1.00	
01U902	20-Oct-89 F24	<4.40	8.90	<2.40	54.00			<7.50	<4.00	<5.00		<2.60	

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
01U618	13-Aug-87 A15	<0.50						
01U618	30-Nov-87 A16	<0.50			<0.50			
01U618B	30-Nov-87 A16	<0.50			<0.50			
01U618	29-Feb-88 A17	<0.50			<0.50			
01U618B	29-Feb-88 A17	<0.50			<0.50			
01U618	26-May-88 A18	<0.50			<0.50			
01U618	19-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U618	08-May-90 A26	<0.50			<0.50			
01U619	19-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
01U619	08-May-90 A26	<0.50			<0.50			
01U621	08-May-90 A26	<0.50			1.20			
01U621	03-Jul-90 A27	<0.50			<0.50			
01U634	12-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U634	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U636	12-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U636	26-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
01U639	12-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U639	26-Jul-89 F23	<0.82	<1.20			<3.09	<3.39	<1.17
01U640	26-Jul-89 F23	<0.82	<1.20			<3.09	27.50	<1.17
01U652	12-May-89 F22	<0.72	<1.00			<0.41	1.24	<8.28
01U652	26-Jul-89 F23	<0.41	<0.62			<3.09	5.53	<1.17
01U652	27-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U666	12-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
01U901	25-Jul-89 F23	<0.41	<0.62			<3.09	19.70	<8.28
01U901	27-Jul-89 F23	<0.41	<0.62			<3.09	19.70	<1.17
01U901	20-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
01U901	25-Oct-89 F24	<0.72	<1.00			<0.41	<0.87	<8.28
01U901	30-Apr-90 F26	<0.72	<1.00					
01U901	17-Jul-90 F27	<0.72	<1.00					
01U901	18-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
01U901	19-Sep-90 F28	<0.72	<1.00			<0.41	<0.87	<8.28
01U902	25-Jul-89 F23	<0.72	<1.00			<0.41	<0.87	<8.28
01U902	27-Jul-89 F23	<0.82	<1.20			<3.09	<3.39	<1.17
01U902	20-Oct-89 F24	<2.00	<3.10			<15.00	<17.00	<5.80

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
01U902	25-Oct-89 F24	<1.00	7.00	<1.00	50.00			<1.90	<1.00	<1.00		<0.50	
01U902	08-Feb-90 F25	<1.00	4.00	<1.00	77.00			<1.90	<1.00	<1.00		<0.50	
01U902	20-Feb-90 F25	<1.00	3.00	<1.00	83.00			<1.90	<1.00	<1.00		<0.50	
01U902	16-Apr-90 F26	<1.00	2.03	<1.00	71.00			<1.90	<1.00	<1.00		<0.50	
01U902	22-May-90 F26	<1.00	2.66	<1.00	70.00			<1.90	<1.00	<1.00		<0.50	
01U902	19-Jun-90 F27	<1.00	3.32	<1.00	75.00			<1.90	<1.00	<1.00		<0.50	
01U902	17-Jul-90 F27	<1.00	5.20	<1.00	70.00			<1.90	<1.00	<1.00		<0.50	
01U902	21-Aug-90 F27	3.31	3.03	<1.00	64.00			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U902	18-Sep-90 F28	<1.00	2.45	<1.00	48.00			<1.90	<1.00	<1.00		<0.50	
01U902	19-Sep-90 F28	<1.00	2.28	<1.00	44.10			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
01U902	22-Oct-90 F28	2.60	3.05	<1.00	56.00			<1.90	<1.00	<1.00		<0.50	
03F302	17-Nov-87 A16	0.60	1040.00	3.80		51.40	<0.20	<0.20	9.70	0.30	5.00	<0.02	
03F302	15-Dec-87 A16	1.50	2120.00	12.30		177.00	1.10	<0.20	23.20	0.28	12.80	<0.20	
03F302	12-Jan-88 A17	<4.00	2580.00	12.00		182.00	<4.00	<4.00	23.00	<4.00	20.00	<4.00	
03F302	28-Apr-88 A18	<10.00	2895.00	12.00		124.00	<10.00	<10.00	41.00	<10.00	14.00	<10.00	
03F302	19-Jul-88 A19	2.70	4300.00	7.50		234.00	1.20	<0.20	24.00	0.49	18.00	<0.20	
03F302	21-Oct-88 A20	2.20	4800.00	10.00		135.00	0.66	<0.50	24.00	<0.50	14.00	<1.00	
03F302	06-Jan-89 A21	2.40	2850.00	16.00		158.00	<1.00	<1.00	35.00	<1.00	18.00	<1.00	<1.00
03F302	16-Mar-89 A21	<10.00	5800.00	<10.00		130.00	<10.00	<10.00	31.00	<10.00	11.00	<10.00	
03F302	20-Apr-89 A22	1.60	4500.00	14.00		100.00	0.70	<1.00	27.00	0.60	13.00	<0.20	
03F302	19-Jul-89 A23	<20.00	2700.00	22.00		120.00	<20.00	<100.00	44.00	<20.00	<20.00	<20.00	
03F302	24-Oct-89 A24	<20.00	2300.00	<20.00		67.00	<20.00	<100.00	62.00	<20.00	<20.00	<20.00	
03F302	18-Jan-90 A25	<20.00	2700.00	<20.00		110.00	<20.00	<100.00	56.00	<20.00	<20.00	<20.00	
03F302	08-May-90 A26	<0.50	1300.00	2.20		28.00	<0.50	<0.50	3.60	<0.50	2.40	<0.50	<0.50
03F302	13-Jul-90 A27	<25.000	1900.00	23.00		120.00	<7.500	<38.000	85.00	<25.000	18.00	<5.000	<7.500
03F302B	13-Jul-90 A27	<25.000	1900.00	22.00		120.00	<7.500	<38.000	83.00	<25.000	18.00	<5.000	<7.500
03F303	17-Nov-87 A16	6.70	190.00	9.90		31.50	<0.20	<0.20	18.10	<0.20	9.00	<0.20	
03F303	15-Dec-87 A16	8.90	282.00	8.10		28.90	0.30	<0.20	19.10	<0.20	10.20	<0.20	
03F303	12-Jan-88 A17	16.00	390.00	11.00		60.00	<0.20	<0.20	27.00	<0.20	17.00	<0.20	
03F303	28-Apr-88 A18	10.70	274.00	8.20		41.90	<0.20	<0.20	18.50	<0.20	10.30	<0.20	
03F303	19-Jul-88 A19	18.00	700.00	5.00		48.00	<0.20	<0.20	28.00	<0.20	13.00	<0.20	
03F303	21-Oct-88 A20	14.00	1000.00	5.20		32.00	<0.50	<0.50	22.00	<0.50	7.60	<1.00	
03F303	06-Jan-89 A21	13.00	61.00	7.60		61.00	<1.00	<1.00	20.00	<1.00	11.00	<1.00	<1.00
03F303	16-Mar-89 A21	11.00	1200.00	<10.00		<10.00	<10.00	<10.00	<10.00	<10.00	<10.00	<10.00	
03F303	20-Apr-89 A22	11.00	1100.00	6.90		38.00	0.30	<1.00	14.00	<0.20	5.70	<0.20	
03F303	19-Jul-89 A23	17.00	860.00	9.00		48.00	<4.00	<20.00	20.00	<4.00	6.80	<4.00	
03F303	24-Oct-89 A24	12.00	850.00	<5.00		28.00	<5.00	<25.00	19.00	<5.00	<5.00	<5.00	
03F303	18-Jan-90 A25	8.60	650.00	6.20		33.00	<5.00	<25.00	24.00	<5.00	<5.00	<5.00	
03F303	08-May-90 A26	8.60	700.00	5.50		20.00	<0.50	<0.50	15.00	<0.50	4.50	<0.50	<0.50
03F303	13-Jul-90 A27	11.00	510.00	6.90		29.00	<1.500	<7.500	24.00	<5.000	5.90	<1.000	<1.500

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6					
01U902	25-Oct-89 F24	<0.72	<1.00			0.7	2000	440
01U902	08-Feb-90 F25	<0.72	<1.00			<0.41	<0.87	<8.28
01U902	20-Feb-90 F25	<0.72	<1.00			<0.41	<0.87	<8.28
01U902	16-Apr-90 F26	<0.72	<1.00			<0.41	<0.87	<8.28
01U902	22-May-90 F26	<0.72	<1.00			<0.41	<0.87	<8.28
01U902	19-Jun-90 F27	<0.72	<1.00			<0.41	<0.87	<8.28
01U902	17-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	1.60	<0.87	<8.28
01U902	21-Aug-90 F27	<0.72	<1.00			<0.41	<0.87	<8.28
01U902	18-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	0.55	<0.87	<8.28
01U902	19-Sep-90 F28	<0.72	<1.00			0.51	<0.87	<8.28
01U902	22-Oct-90 F28	<0.72	<1.00			0.51	<0.87	<8.28
03F302	17-Nov-87 A16	11.30						
03F302	15-Dec-87 A16	26.00						
03F302	12-Jan-88 A17	18.00						
03F302	28-Apr-88 A18	22.00						
03F302	19-Jul-88 A19	<0.20						
03F302	21-Oct-88 A20	0.50						
03F302	06-Jan-89 A21	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00
03F302	16-Mar-89 A21	<10.00						
03F302	20-Apr-89 A22	0.70						
03F302	19-Jul-89 A23	<20.00						
03F302	24-Oct-89 A24	<20.00						
03F302	18-Jan-90 A25	<20.00						
03F302	08-May-90 A26	<0.50	<0.50		<0.50			
03F302	13-Jul-90 A27	<12.000	<5.000		68.00			
03F302B	13-Jul-90 A27	<12.000	<5.000		74.00			
03F303	17-Nov-87 A16	9.20						
03F303	15-Dec-87 A16	8.90						
03F303	12-Jan-88 A17	11.00						
03F303	28-Apr-88 A18	<0.20						
03F303	19-Jul-88 A19	<0.20						
03F303	21-Oct-88 A20	<0.50						
03F303	06-Jan-89 A21	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00
03F303	16-Mar-89 A21	61.00						
03F303	20-Apr-89 A22	0.80						
03F303	19-Jul-89 A23	<4.00						
03F303	24-Oct-89 A24	<5.00						
03F303	18-Jan-90 A25	<5.00						
03F303	08-May-90 A26	<0.50	<0.50		<0.50			
03F303	13-Jul-90 A27	<2.500	<1.000		7.50			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03F304	17-Nov-87 A16	<0.20	5.10	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03F304	15-Dec-87 A16	<0.20	8.33	<0.20		1.11	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03F304	12-Jan-88 A17	<0.20	8.20	<0.20		1.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03F304	28-Apr-88 A18	<0.20	8.02	<0.20		1.16	<0.20	<0.20	1.26	<0.20	<0.20	<0.20	
03F304	19-Jul-88 A19	<0.20	9.50	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03F304	16-Mar-89 A21	<1.00	6.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
03F304	20-Apr-89 A22	<0.20	11.00	<0.30		0.50	<0.20	<1.00	0.20	<0.20	0.20	<0.20	
03F304	19-Jul-89 A23	<0.20	4.60	0.20		0.40	<0.20	<5.00	<0.20	<0.20	<0.20	<1.00	
03F304	24-Oct-89 A24	<0.20	5.40	<0.20		<0.20	<0.20	<1.00	0.50	<0.20	<0.20	<0.20	
03F304	18-Jan-90 A25	<0.20	5.10	<0.20		0.40	<0.20	<1.00	0.70	0.40	<0.20	<0.20	
03F304	08-May-90 A26	<0.50	6.70	<0.50		<0.50	<0.50	<0.50	1.80	1.30	<0.50	<0.50	<0.50
03F304	13-Jul-90 A27	<1.000	7.30	0.40		<0.500	<0.300	<1.500	5.90	1.10	0.20	<0.200	<0.300
03F305	17-Nov-87 A16	0.80	22.90	2.20		0.80	<0.20	<0.20	17.60	2.40	2.00	<0.20	
03F305	15-Dec-87 A16	1.10	54.00	4.10		1.55	<0.20	<0.20	31.00	3.10	6.14	<0.20	
03F305	12-Jan-88 A17	0.86	61.00	3.60		1.60	<0.20	<0.20	39.00	2.30	5.50	<0.20	
03F305	28-Apr-88 A18	0.82	26.30	4.19		1.38	<0.20	<0.20	34.90	1.86	2.49	<0.20	
03F305	19-Jul-88 A19	6.50	38.00	2.40		0.73	<0.20	<0.20	85.00	8.60	1.80	<0.20	
03F305	06-Jan-89 A21	1.10	21.00	4.70		<1.00	<1.00	<1.00	44.00	2.30	3.60	<1.00	<1.00
03F305	16-Mar-89 A21	2.00	68.00	8.20		<1.00	11.00	<1.00	68.00	1.80	14.00	1.30	
03F305	20-Apr-89 A22	1.40	100.00	15.00		3.30	<0.20	<1.00	58.00	1.60	19.00	<0.20	
03F305	19-Jul-89 A23	1.30	140.00	49.00		7.80	<1.00	<5.00	110.00	2.60	34.00	<1.00	
03F305	23-Oct-89 A24	<2.00	430.00	77.00		13.00	<2.00	<10.00	240.00	<2.00	67.00	<2.00	
03F305	18-Jan-90 A25	<4.00	590.00	79.00		26.00	<4.00	<20.00	330.00	<4.00	110.00	<4.00	
03F305	08-May-90 A26	0.60	1200.00	140.00		23.00	<0.50	<0.50	500.00	2.30	100.00	1.60	<0.50
03F305	13-Jul-90 A27	<20.000	1600.00	210.00		46.00	<6.000	<30.000	770.00	<20.000	170.00	<4.000	<6.000
03F306	17-Nov-87 A16	0.40	1500.00	130.00		17.00	<0.20	0.20	845.00	1.30	90.00	2.50	
03F306	15-Dec-87 A16	0.36	2130.00	48.80		27.40	0.60	<0.20	1150.00	1.46	143.00	4.40	
03F306	12-Jan-88 A17	<4.00	2420.00	171.00		5.70	<4.00	<4.00	1224.00	<4.00	185.00	<4.00	
03F306	28-Apr-88 A18	<0.20	530.00	160.00		38.00	<0.20	<0.20	100.00	<0.20	120.00	<0.20	
03F306	19-Jul-88 A19	<0.20	2920.00	135.00		34.00	<0.20	<0.20	1500.00	3.80	236.00	8.00	
03F306	21-Oct-88 A20	1.10	1400.00	90.00		25.00	<0.50	<0.50	475.00	2.00	55.00	<1.00	
03F306	06-Jan-89 A21	1.50	300.00	55.00		18.00	<1.00	<1.00	450.00	1.30	75.00	3.60	<1.00
03F306	16-Mar-89 A21	<10.00	2800.00	170.00		33.00	<10.00	<10.00	1200.00	<10.00	150.00	<10.00	
03F306	20-Apr-89 A22	0.80	2800.00	330.00		100.00	0.40	1.30	1400.00	2.00	200.00	3.20	
03F306	19-Jul-89 A23	<5.00	2200.00	300.00		30.00	<5.00	<25.00	800.00	<5.00	130.00	<5.00	
03F306	23-Oct-89 A24	<20.00	2700.00	290.00		<20.00	<20.00	<100.00	940.00	<20.00	130.00	<20.00	
03F306	18-Jan-90 A25	<40.00	3300.00	220.00		<40.00	<40.00	<200.00	1200.00	<40.00	170.00	<40.00	
03F306	08-May-90 A26	1.40	4200.00	250.00		33.00	<0.50	<0.50	1100.00	2.40	120.00	3.30	<0.50
03F306	13-Jul-90 A27	<50.000	4700.00	350.00		32.00	<15.000	<75.000	1400.00	<50.000	200.00	<10.000	<15.000
03F306B	13-Jul-90 A27	<50.000	4900.00	340.00		33.00	<15.000	<75.000	1500.00	<50.000	190.00	<10.000	<15.000

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03F304	17-Nov-87 A16	<0.20						
03F304	15-Dec-87 A16	0.39						
03F304	12-Jan-88 A17	<0.20						
03F304	28-Apr-88 A18	<0.20						
03F304	19-Jul-88 A19	<0.20						
03F304	16-Mar-89 A21	<1.00						
03F304	20-Apr-89 A22	<0.20						
03F304	19-Jul-89 A23	<1.00						
03F304	24-Oct-89 A24	<0.20						
03F304	18-Jan-90 A25	<0.20						
03F304	08-May-90 A26	<0.50	<0.50		<0.50			
03F304	13-Jul-90 A27	<0.500	<0.200		<1.000			
03F305	17-Nov-87 A16	0.40						
03F305	15-Dec-87 A16	0.47						
03F305	12-Jan-88 A17	0.75						
03F305	28-Apr-88 A18	<0.20						
03F305	19-Jul-88 A19	<0.20						
03F305	06-Jan-89 A21	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00
03F305	16-Mar-89 A21	1.90						
03F305	20-Apr-89 A22	0.40						
03F305	19-Jul-89 A23	<1.00						
03F305	23-Oct-89 A24	<2.00						
03F305	18-Jan-90 A25	<4.00						
03F305	08-May-90 A26	1.20	<0.50		11.00			
03F305	13-Jul-90 A27	<10.000	<4.000		69.00			
03F306	17-Nov-87 A16	15.80						
03F306	15-Dec-87 A16	15.30						
03F306	12-Jan-88 A17	9.20						
03F306	28-Apr-88 A18	<0.20						
03F306	19-Jul-88 A19	<0.20						
03F306	21-Oct-88 A20	2.00						
03F306	06-Jan-89 A21	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00
03F306	16-Mar-89 A21	<10.00						
03F306	20-Apr-89 A22	0.90						
03F306	19-Jul-89 A23	<5.00						
03F306	23-Oct-89 A24	<20.00						
03F306	18-Jan-90 A25	<40.00						
03F306	08-May-90 A26	2.20	<0.50		4.50			
03F306	13-Jul-90 A27	<25.000	<10.000		140.00			
03F306B	13-Jul-90 A27	<25.000	<10.000		180.00			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03F307	17-Nov-87 A16	3.00	2370.00	60.00		18.00	<0.20	<0.20	480.00	3.00	48.00	<0.20	
03F307	15-Dec-87 A16	1.70	3275.00	110.00		16.30	0.40	<0.20	90.80	1.80	45.00	4.10	
03F307	12-Jan-88 A17	<4.00	3300.00	61.40		27.00	<4.00	<4.00	786.00	<4.00	103.00	<4.00	
03F307	28-Apr-88 A18	<4.00	3400.00	100.00		31.00	<4.00	<4.00	550.00	<4.00	75.00	<4.00	
03F307	19-Jul-88 A19	2.30	3020.00	76.00		22.00	<0.20	<0.20	893.00	2.00	82.00	5.00	
03F307	21-Oct-88 A20	1.50	3200.00	70.00		18.00	<0.50	<0.50	605.00	1.20	70.00	3.20	
03F307	16-Mar-89 A21	<10.00	4174.00	64.00		59.00	<10.00	<10.00	900.00	<10.00	98.00	<10.00	
03F307	20-Apr-89 A22	2.20	3600.00	150.00		23.00	0.20	1.00	530.00	2.00	83.00	3.90	
03F307	19-Jul-89 A23	<4.00	2400.00	210.00		25.00	<4.00	<20.00	640.00	<4.00	100.00	<4.00	
03F307	23-Oct-89 A24	<20.00	3300.00	170.00		<20.00	<20.00	<100.00	590.00	<20.00	82.00	<20.00	
03F307	19-Jan-90 A25	<20.00	2700.00	91.00		20.00	<20.00	<100.00	570.00	<20.00	110.00	<20.00	
03F307	08-May-90 A26	1.50	3200.00	130.00		22.00	<0.50	<0.50	550.00	2.30	80.00	3.40	<0.50
03F307	13-Jul-90 A27	<50.000	2800.00	160.00		<25.000	<15.000	<75.000	570.00	<50.000	130.00	<10.000	<15.000
03F308	16-Mar-89 A21	<5.00	75.00	<5.00		<5.00	<5.00	<5.00	15.00	<5.00	<5.00	<5.00	
03F308	20-Apr-89 A22	<0.20	44.00	<1.70		0.30	<0.20	<1.00	5.00	<0.20	1.30	<0.20	
03F308	19-Jul-89 A23	<0.20	29.00	1.40		0.30	<0.20	<1.00	4.50	<0.20	0.80	<0.20	
03F308	23-Oct-89 A24	<0.20	32.00	1.10		<0.20	<0.20	<1.00	5.30	<0.20	0.80	<0.20	
03F308	19-Jan-90 A25	<0.20	22.00	0.50		<0.20	<0.20	<1.00	4.00	<0.20	0.70	<0.20	
03F308	08-May-90 A26	<0.50	23.00	<0.50		<0.50	<0.50	<0.50	2.40	<0.50	<0.50	<0.50	<0.50
03F308	13-Jul-90 A27	<1.000	20.00	0.30		<0.500	<0.300	<1.500	2.90	<1.000	0.40	<0.200	<0.300
03F312	19-Dec-88 A20	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
03F312	16-Mar-89 A21	<1.00	1.30	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
03F312	20-Apr-89 A22	<0.20	6.30	<0.80		0.40	<0.20	<1.00	1.70	<0.20	0.80	<0.20	
03F312	19-Jul-89 A23	<0.20	10.00	1.90		0.80	<0.20	<1.00	3.60	<0.20	2.80	<0.20	
03F312	24-Oct-89 A24	<0.20	31.00	2.10		1.70	<0.20	<1.00	3.70	<0.20	3.70	<0.20	
03F312	18-Jan-90 A25	<0.20	26.00	2.10		2.30	<0.20	<1.00	3.20	<0.20	4.30	<0.20	
03F312	08-May-90 A26	<0.50	22.00	1.20		1.10	<0.50	<0.50	1.20	<0.50	2.40	<0.50	<0.50
03F312	13-Jul-90 A27	<1.000	20.00	2.70		2.50	<0.300	<1.500	2.20	<1.000	4.50	<0.200	<0.300
03L001	16-Nov-87 F16	<0.88	1.69	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L001	13-Jan-88 A17	<0.20	1.00	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L001	11-May-88 A18	<0.20	2.40	<0.20		<0.20	<0.20	<0.20	0.73	<0.20	<0.20	<0.20	
03L001	29-Jul-88 A19	<0.20	0.41	<0.20		<0.20	<0.20	<0.20	0.23	<0.20	<0.20	<0.20	
03L001	20-Oct-88 A20	<0.50	<0.50	<0.50		<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	
03L001	18-Apr-89 A22	<0.20	<0.40	<0.30		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03L001	11-Jul-89 A23	<0.20	1.70	0.20		<0.20	<0.20	<1.00	0.70	<0.20	<0.20	<0.20	
03L001	11-Oct-89 A24	<0.20	0.40	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03L001	16-Jan-90 A25	<0.20	1.20	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03L001	27-Apr-90 A26	<0.50	3.00	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03L001	19-Jul-90 A27	<1.000	1.60	<0.300		<0.500	<0.300	<1.500	<0.500	<1.000	<0.200	<0.200	<0.50
03L002	17-Nov-87 F16	<44.00	1100.00	61.00	38.00			<75.00	260.00	<50.00	190.00	<26.00	<55.00

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03F307	17-Nov-87 A16	<0.20						
03F307	15-Dec-87 A16	13.10						
03F307	12-Jan-88 A17	131.00						
03F307	28-Apr-88 A18	<4.00						
03F307	19-Jul-88 A19	<0.20						
03F307	21-Oct-88 A20	2.00						
03F307	16-Mar-89 A21	<10.00						
03F307	20-Apr-89 A22	0.60						
03F307	19-Jul-89 A23	<4.00						
03F307	23-Oct-89 A24	<20.00						
03F307	19-Jan-90 A25	<20.00						
03F307	08-May-90 A26	1.20	<0.50		4.10			
03F307	13-Jul-90 A27	<25.000	<10.000		100.00			
03F308	16-Mar-89 A21	<5.00						
03F308	20-Apr-89 A22	<0.20						
03F308	19-Jul-89 A23	<0.20						
03F308	23-Oct-89 A24	<0.20						
03F308	19-Jan-90 A25	<0.20						
03F308	08-May-90 A26	<0.50	<0.50		3.40			
03F308	13-Jul-90 A27	<0.500	<0.200		<1.000			
03F312	19-Dec-88 A20	<1.00						
03F312	16-Mar-89 A21	<1.00						
03F312	20-Apr-89 A22	<0.20						
03F312	19-Jul-89 A23	<0.20						
03F312	24-Oct-89 A24	<0.20						
03F312	18-Jan-90 A25	<0.20						
03F312	08-May-90 A26	<0.50	<0.50		<0.50			
03F312	13-Jul-90 A27	<0.500	<0.200		1.40			
03L001	16-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L001	13-Jan-88 A17	<0.20						
03L001	11-May-88 A18	<0.20						
03L001	29-Jul-88 A19	<0.20						
03L001	20-Oct-88 A20	<0.50						
03L001	18-Apr-89 A22	<0.20						
03L001	11-Jul-89 A23	<0.20						
03L001	11-Oct-89 A24	<0.20						
03L001	16-Jan-90 A25	<0.20						
03L001	27-Apr-90 A26	<0.50	<0.50		<0.50			
03L001	19-Jul-90 A27	<0.500						
03L002	17-Nov-87 F16	<20.00	<31.00	<220.00	<90.00	<3.09	<3.39	<1.17

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03L002	18-Jan-88 A17	<0.20	2450.00	24.00		68.00	<0.20	1.60	660.00	0.63	312.00	3.40	
03L002	10-May-88 A18	<2.00	2000.00	<159.00		66.00	<2.00	<2.00	613.00	<2.00	270.00	<0.20	
03L002	04-Aug-88 A19	<0.20	2280.00	154.00		72.00	<0.20	0.63	510.00	0.58	255.00	3.40	
03L002	24-Oct-88 A20	<0.50	2670.00	139.00		144.00	<0.50	<1.00	588.00	0.47	410.00	8.40	
03L002	12-Oct-89 A24	<10.00	1100.00	42.00		<10.00	<10.00	<50.00	68.00	<10.00	52.00	<10.00	
03L002	27-Apr-90 A26	<0.50	1900.00	160.00		44.00	<0.50	<0.50	520.00	<0.50	170.00	<0.50	2.10
03L003	19-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	4.75	<0.99	<0.72	<0.51	<1.10
03L003	11-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L004	18-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L004	09-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L005	23-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L005	10-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L005	24-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L007	09-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L007	10-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L010	09-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L010	10-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L012	09-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L012	11-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L013	10-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L014	23-Nov-87 F16	<0.88	2.77	<0.49	<0.56			<1.50	2.34	<0.99	<0.72	<0.51	<1.10
03L014	10-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L017	10-Nov-87 F16	<22.00	540.00	<12.00	<14.00			<38.00	200.00	<25.00	<18.00	<13.00	<28.00
03L017	25-Apr-90 A26	<0.50	44.00	3.20		<0.50	<0.50	<0.50	14.00	<0.50	1.00	<0.50	<0.50
03L018	23-Nov-87 F16	<0.88	2.54	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L018	08-Apr-88 F18	<1.00	1.06	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L018	22-Aug-88 F19	<1.00	2.70	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L018	18-Nov-88 F20	<1.00	6.52	<1.00	<0.50			<1.90	1.64	<1.00		<0.50	
03L018	04-May-90 A26	<0.50	13.00	<0.50		<0.50	<0.50	<0.50	2.20	<0.50	<0.50	<0.50	<0.50
03L020	07-Dec-87 F16	<880.00	14000.00	<490.00	<560.00			<1500.00	4200.00	<990.00	<720.00	<10.00	<1100.00
03L020	17-Aug-88 F19	<200.00	4700.00	280.00	520.00			<380.00	1300.00	<200.00		<100.00	
03L021	13-Oct-89 A24	<0.40	10.00	11.00		2.20	<0.40	<2.00	20.00	<0.40	42.00	<0.40	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAAP GW CRITERIA		0.19	6			0.7	2000	440
03L002	18-Jan-88 A17	<0.20						
03L002	10-May-88 A18	2.50						
03L002	04-Aug-88 A19	3.10						
03L002	24-Oct-88 A20	5.50						
03L002	12-Oct-89 A24	<10.00						
03L002	27-Apr-90 A26	1.40	5.40		<0.50			
03L003	19-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L003	11-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03L004	18-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L004	09-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03L005	23-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L005	10-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03L005	24-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03L007	09-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L007	10-Nov-88 F20	<0.72	<1.00					
03L010	09-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L010	10-Nov-88 F20	<0.72	<1.00					
03L012	09-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L012	11-Nov-88 F20	<0.72	<1.00					
03L013	10-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L014	23-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L014	10-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03L017	10-Nov-87 F16	<10.00	<16.00	<110.00	<45.00	<3.09	<3.39	<1.17
03L017	25-Apr-90 A26	<0.50	<0.50		<0.50			
03L018	23-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L018	08-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03L018	22-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03L018	18-Nov-88 F20	<0.72	<1.00			<0.41	3.02	<8.28
03L018	04-May-90 A26	<0.50	<0.50		<0.50			
03L020	07-Dec-87 F16	<410.00	<620.00	<4500.00	<1800.00	<3100.00	<3400.00	<1200.00
03L020	17-Aug-88 F19	<140.00	<200.00			<0.41	1.27	<8.28
03L021	13-Oct-89 A24	<0.40						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03L021	02-May-90 A26	<0.50	370.00	46.00		13.00	<0.50	<0.50	73.00	<0.50	110.00	<0.50	0.80
03L029	03-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L077	04-Dec-87 F16	<88.00	1600.00	61.00	<56.00			<150.00	610.00	<99.00	<72.00	<51.00	<110.00
03L077	19-Jan-88 A17	<0.20	875.00	63.00		10.00	<0.20	0.70	350.00	0.32	53.00	1.10	
03L077	09-May-88 A18	<0.20	287.00	12.00		3.00	<0.20	<0.20	103.00	<0.20	12.00	0.44	
03L077	03-Aug-88 A19	<0.20	458.00	8.00		7.00	<0.20	<0.20	163.00	<0.20	15.00	<0.20	
03L077	21-Oct-88 A20	<0.50	1000.00	32.00		7.00	<0.50	<0.50	310.00	<0.50	41.00	<1.00	
03L077	11-Oct-89 A24	<40.00	5600.00	440.00		<40.00	<40.00	<200.00	1600.00	<40.00	<40.00	<40.00	
03L077	24-Apr-90 A26	2.40	4500.00	140.00		19.00	<0.50	<0.50	1100.00	3.00	37.00	<0.50	3.80
03L078	23-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L078	15-Jan-88 A17	<0.20	0.62	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L078	13-May-88 A18	<0.20	1.30	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L078	03-Aug-88 A19	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L078	18-Aug-88 F19	<1.00	2.69	<1.00	<0.50			<1.90	<1.00	<1.00	<0.20	<0.50	
03L078	16-Oct-89 A24	<0.20	1.50	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03L078	30-Apr-90 A26	<0.50	1.10	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03L079	04-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L079	14-Jan-88 A17	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L079	09-May-88 A18	<0.20	2.40	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L079	03-Aug-88 A19	<0.20	1.00	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L079	18-Aug-88 F19	<1.00	0.84	<1.00	<0.50			<1.90	<1.00	<1.00	<0.20	<0.50	
03L079	26-Oct-88 A20	<0.50	1.00	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	
03L079	16-Oct-89 A24	<0.20	0.50	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03L079	01-May-90 A26	<0.50	0.70	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03L080	30-Apr-90 A26	<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03L081	01-May-90 A26	<0.50	7.70	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03L084	08-Dec-87 F16	<1.80	30.00	<1.00	<1.10			<3.00	7.10	<2.00	<1.40	<1.00	<2.20
03L084	18-Jan-88 A17	<0.20	42.00	0.76		<0.20	<0.20	<0.20	11.50	<0.20	0.36	<0.20	
03L084	11-May-88 A18	<0.20	23.00	<0.20		<0.20	<0.20	<0.20	8.10	<0.20	0.61	<0.20	
03L084	04-Aug-88 A19	<0.20	27.00	<0.20		<0.20	<0.20	<0.20	6.80	<0.20	<0.20	<0.20	
03L084	20-Oct-88 A20	<0.50	18.00	<0.50		<0.50	<1.00	<0.50	4.20	<0.50	<1.00	<1.00	
03L084	11-Oct-89 A24	<0.20	15.00	1.70		<0.20	<0.20	<1.00	4.30	<0.20	<0.20	<0.20	
03L084	26-Apr-90 A26	<0.50	5.20	<0.50		<0.50	<0.50	<0.50	1.10	<0.50	<0.50	<0.50	<0.50
03L086	11-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L091	03-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03L021	02-May-90 A26	<0.50	<0.50		<0.50			
03L029	03-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L077	04-Dec-87 F16	<41.00	<62.00	<450.00	<180.00	<150.00	<170.00	<58.00
03L077	19-Jan-88 A17	1.30						
03L077	09-May-88 A18	0.36						
03L077	03-Aug-88 A19	<0.20						
03L077	21-Oct-88 A20	1.40						
03L077	11-Oct-89 A24	<40.00						
03L077	24-Apr-90 A26	2.20	<0.50		<0.50			
03L078	23-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L078	15-Jan-88 A17	<0.20						
03L078	13-May-88 A18	<0.20						
03L078	03-Aug-88 A19	<0.20						
03L078	18-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03L078	16-Oct-89 A24	<0.20						
03L078	30-Apr-90 A26	<0.50	<0.50		<0.50			
03L079	04-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L079	14-Jan-88 A17	<0.20						
03L079	09-May-88 A18	<0.20						
03L079	03-Aug-88 A19	<0.20						
03L079	18-Aug-88 F19	<0.72	<1.00			0.69	<0.87	<8.28
03L079	26-Oct-88 A20	<0.50						
03L079	16-Oct-89 A24	<0.20						
03L079	01-May-90 A26	<0.50	<0.50		<0.50			
03L080	30-Apr-90 A26	<0.50	<0.50		<0.50			
03L081	01-May-90 A26	<0.50	<0.50		<0.50			
03L084	08-Dec-87 F16	<0.82	<1.20	<9.00	<3.60	<3.09	<3.39	<1.17
03L084	18-Jan-88 A17	<0.20						
03L084	11-May-88 A18	<0.20						
03L084	04-Aug-88 A19	<0.20						
03L084	20-Oct-88 A20	<0.50						
03L084	11-Oct-89 A24	<0.20						
03L084	26-Apr-90 A26	<0.50	<0.50		<0.50			
03L086	11-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03L091	03-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03L091	25-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L091	01-May-90 F26	<1.00	0.62	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L113	18-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L113	06-Apr-88 F18	<1.00	0.76	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L113	09-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L113	18-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L113	27-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L113	19-Jul-90 F27	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L137	17-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L137	24-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L137	18-Jul-90 F27	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L137	21-Sep-90 F28	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L138	17-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L138	24-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L138	18-Jul-90 F27	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L138	21-Sep-90 F28	<1.00	1.72	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L306	23-Aug-88 F19	<1.00	2.01	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L306	08-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L306	03-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L523	27-Apr-90 F26	<1.00	0.85	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L673	12-Nov-87 A16	<0.20	1200.00	5.00		77.00	<0.20	<0.20	<0.20	<0.20	7.00	<0.20	
03L673	02-May-90 A26	<0.50	3200.00	6.50		120.00	0.70	<0.50	3.80	1.50	8.50	<0.50	<0.50
03L802	03-Dec-87 F16	<440.00	13000.00	<240.00	<280.00			<750.00	<400.00	<500.00	<360.00	<260.00	<550.00
03L802	21-Jan-88 A17	<5.00	11500.00	33.00		325.00	<5.00	<5.00	30.00	<5.00	50.00	<5.00	
03L802	13-May-88 A18	0.59	7540.00	22.00		168.00	0.60	<0.20	50.00	1.40	26.00	1.30	
03L802	04-Aug-88 A19	0.38	3180.00	17.00		147.00	0.24	<0.20	27.00	1.10	23.00	0.28	
03L802	28-Oct-88 A20	<0.50	2200.00	7.50		90.00	<0.50	<0.50	6.30	<0.50	16.00	<1.00	
03L802	20-Apr-89 A22	<0.20	7.30	5.00		27.00	<0.20	<1.00	3.20	<0.20	8.50	<0.20	
03L802	12-Jul-89 A23	<4.00	810.00	<4.00		32.00	<4.00	<20.00	4.80	<4.00	12.00	<4.00	
03L802	18-Oct-89 A24	<0.20	350.00	5.30		12.00	<0.20	<1.00	8.80	<0.20	6.30	<0.20	
03L802	16-Jan-90 A25	<1.00	160.00	3.90		7.50	<1.00	<5.00	41.00	<1.00	4.20	<1.00	
03L802	01-May-90 A26	<0.50	92.00	2.70		1.30	<0.50	<0.50	7.50	<0.50	1.30	<0.50	<0.50
03L802	18-Jul-90 A27	<1.000	59.00	2.80		2.30	<0.300	<1.500	8.20	<1.000	1.70	<0.200	
03L806	02-Dec-87 F16	<180.00	5100.00	260.00	<110.00			<300.00	1700.00	<200.00	340.00	<100.00	<220.00
03L806	19-Jan-88 A17	<0.20	3500.00	262.00		67.00	<0.20	<0.20	1250.00	2.60	370.00	8.30	
03L806	12-May-88 A18	<0.20	740.00	134.00		66.00	0.24	0.25	378.00	0.66	304.00	6.10	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTPE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03L091	25-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03L091	01-May-90 F26	<0.72	<1.00	<1.00	<3.20	1.24	6.19	<8.28
03L113	18-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03L113	06-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03L113	09-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03L113	18-Nov-88 F20	<0.72	<1.00			<0.41	0.98	<8.28
03L113	27-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	1.34	5.06	<8.28
03L113	19-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03L137	17-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03L137	24-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03L137	18-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03L137	21-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03L138	17-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03L138	24-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03L138	18-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	0.95	<8.28
03L138	21-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03L306	23-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03L306	08-Nov-88 F20	<0.72	<1.00			<0.41	<0.87	<8.28
03L306	03-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
03L523	27-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03L673	12-Nov-87 A16	25.00						
03L673	02-May-90 A26	0.70	<0.50		<0.50			
03L802	03-Dec-87 F16	<200.00	<310.00	<2200.00	<900.00			
03L802	21-Jan-88 A17	140.00						
03L802	13-May-88 A18	0.25						
03L802	04-Aug-88 A19	3.90						
03L802	28-Oct-88 A20	<0.50						
03L802	20-Apr-89 A22	<0.20						
03L802	12-Jul-89 A23	<4.00						
03L802	18-Oct-89 A24	<0.20						
03L802	16-Jan-90 A25	<1.00						
03L802	01-May-90 A26	<0.50	<0.50		<0.50			
03L802	18-Jul-90 A27	<0.500						
03L806	02-Dec-87 F16	<82.00	<120.00	<900.00	<360.00			
03L806	19-Jan-88 A17	<0.20						
03L806	12-May-88 A18	0.79						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03L806	04-Aug-88 A19	<0.20	2065.00	232.00		124.00	<0.20	0.68	810.00	0.71	403.00	7.80	
03L806	25-Oct-88 A20	<0.50	3890.00	150.00		120.00	<0.50	<0.50	1170.00	0.73	300.00	6.60	
03L806	11-Jul-89 A23	<4.00	540.00	130.00		110.00	<4.00	<20.00	150.00	<4.00	240.00	4.10	
03L806	16-Oct-89 A24	<10.00	2000.00	230.00		27.00	<10.00	<50.00	590.00	<10.00	130.00	<10.00	
03L806	17-Jan-90 A25	<20.00	2200.00	160.00		31.00	<20.00	<100.00	790.00	<20.00	150.00	<20.00	
03L806	23-Apr-90 A26	<0.50	5500.00	500.00		44.00	<0.50	<0.50	1800.00	1.40	220.00	<0.50	5.20
03L806	18-Jul-90 A27	<10.000	1100.00	340.00		140.00	<3.000	<15.000	360.00	<10.000	360.00	8.80	
03L809	10-May-89 F22	<50.00	1900.00	230.00	45.00			<95.00	1030.00	<50.00		<25.00	
03L809	20-Oct-89 F24	<88.00	1800.00	150.00	140.00			<150.00	380.00	<99.00		<51.00	
03L809	24-Apr-90 F26	<1.00	3200.00	240.00	70.00			<1.90	1100.00	<1.00	350.00	<0.50	<1.30
03L809	20-Jul-90 F27	<1.00	2200.00	120.00	71.00			<1.90	610.00	<1.00	300.00	<0.50	<1.30
03L809	17-Sep-90 F28	<1.00	2200.00	180.00	58.00			<1.90	660.00	<1.00	310.00	5.40	<1.30
03L811	25-Nov-87 F16	<0.88	<1.10	0.55	<0.56			<1.50	16.80	<0.99	4.58	<0.51	<1.10
03L811	04-May-89 F22	<1.00	1.87	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L811	24-Jul-89 F23	<0.88	<1.10	3.74	0.60			<1.50	11.60	<0.99		<0.51	
03L811	20-Oct-89 F24	<0.88	2.89	2.84	1.39			<1.50	4.75	<0.99		<0.51	
03L811	26-Apr-90 F26	<1.00	1.27	2.10	<0.50			<1.90	5.40	<1.00	4.88	<0.50	<1.30
03L813	25-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L813	05-May-89 F22	<1.00	0.64	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L813	24-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L813	20-Oct-89 F24	<0.88	6.24	0.73	<0.56			<1.50	0.98	<0.99		<0.51	
03L822	01-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	18.00	<0.99	<0.72	<0.51	<1.10
03L822	05-May-89 F22	<1.00	1.96	<1.00	<0.50			<1.90	11.20	<1.00		<0.50	
03L822	24-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	19.30	<0.99		<0.51	
03L822	23-Oct-89 F24	<0.88	14.80	1.08	<0.56			<1.50	19.00	<0.99		<0.51	
03L822	25-Apr-90 F26	<1.00	1.35	<1.00	<0.50			<1.90	21.60	<1.00	4.89	<0.50	<1.30
03L832	24-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L832	16-Dec-88 A20	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
03L832	09-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L832	24-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L832	24-Oct-89 F24	<0.88	1.42	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L841	20-Oct-87 A16	<0.20	1.00	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L841	12-Nov-87 A16	<0.20	0.50	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L841	19-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L846	18-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L846	19-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L846	18-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03L806	04-Aug-88 A19	5.70						
03L806	25-Oct-88 A20	5.10						
03L806	11-Jul-89 A23	<4.00						
03L806	16-Oct-89 A24	<10.00						
03L806	17-Jan-90 A25	<20.00						
03L806	23-Apr-90 A26	4.10	<0.50		<0.50			
03L806	18-Jul-90 A27	5.70						
03L809	10-May-89 F22	<36.00	<50.00			<21.00	<44.00	<410.00
03L809	20-Oct-89 F24	<41.00	<62.00			<3.09	<3.39	<1.17
03L809	24-Apr-90 F26	<0.72	<1.00	<2.00	<3.20			
03L809	20-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
03L809	17-Sep-90 F28	4.00	<1.00	<1.00	<3.20			
03L811	25-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
03L811	04-May-89 F22	<0.72	<1.00			<0.41	1.74	<8.28
03L811	24-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03L811	20-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03L811	26-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03L813	25-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
03L813	05-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
03L813	24-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03L813	20-Oct-89 F24	0.27	<0.62			<6.20	<6.80	<2.30
03L822	01-Dec-87 F16	<0.41	<0.62	<4.50	<1.80			
03L822	05-May-89 F22	<0.72	<1.00			0.68	3.34	<8.28
03L822	24-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03L822	23-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03L822	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03L832	24-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
03L832	16-Dec-88 A20	<1.00						
03L832	09-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
03L832	24-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03L832	24-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03L841	20-Oct-87 A16	<0.20						
03L841	12-Nov-87 A16	<0.20						
03L841	19-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03L846	18-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03L846	19-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03L846	18-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCB	1,1,2-Tri chloro ethane 112TCB	1,1-Di chloro ethane 11DCELE	1,2-Di chloro ethane 12DCELE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03L848	02-Dec-87 F16	<44.00	570.00	<24.00	<28.00			<75.00	<40.00	<50.00	<36.00	<26.00	<55.00
03L848	03-May-89 F22	<1.00	270.00	2.64	24.90			<1.90	1.56	<1.00		<0.50	
03L848	20-Jul-89 F23	<18.00	130.00	<9.80	<11.00			<30.00	<16.00	<20.00		<10.00	
03L848	19-Oct-89 F24	<0.88	610.00	1.16	21.60			<1.50	1.56	<0.99		<0.51	
03L848	19-Apr-90 F26	<20.00	460.00	<20.00	23.00			<38.00	<20.00	<20.00	<16.00	<10.00	<26.00
03L848	19-Jul-90 F27	<1.00	260.00	<1.00	13.00			<1.90	<1.00	<1.00	1.06	<0.50	<1.30
03L853	03-Dec-87 F16	<88.00	2500.00	<49.00	<56.00			<150.00	440.00	<99.00	<72.00	<51.00	<110.00
03L853	05-May-89 F22	3.90	1200.00	56.00	10.80			<1.90	320.00	<1.00		1.96	
03L853	25-Jul-89 F23	<88.00	1300.00	<49.00	<56.00			<150.00	190.00	<99.00		<51.00	
03L853	23-Oct-89 F24	<88.00	1900.00	90.00	<56.00			<150.00	280.00	<99.00		<51.00	
03L853	19-Apr-90 F26	<50.00	1100.00	<50.00	<25.00			<95.00	170.00	<50.00	62.00	<25.00	<65.00
03L853	20-Jul-90 F27	2.27	1000.00	42.10	5.90			<1.90	180.00	<1.00	24.00	1.18	<1.30
03L854	20-Oct-87 A16	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L854	24-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03L854	16-Dec-88 A20	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
03L854	20-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L854	27-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L854	30-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L856	24-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	6.90	<0.99	<0.72	<0.51	<1.10
03L856	05-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03L856	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L856	23-Oct-89 F24	<0.88	1.47	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03L858	24-Nov-87 F16	<2.20	7.90	<1.20	<1.40			<3.80	<2.00	<2.50	<1.80	<1.30	16.00
03L858	08-May-89 F22	<1.00	5.26	<1.00	3.10			<1.90	43.50	<1.00		<0.50	
03L858	21-Jul-89 F23	<4.40	7.60	<2.40	<2.80			<7.50	46.00	<5.00		<2.60	
03L858	23-Oct-89 F24	<4.40	11.00	<2.40	6.40			<7.50	<4.00	<5.00		<2.60	
03L858	17-Apr-90 F26	<1.00	6.83	<1.00	3.42			<1.90	<1.00	<1.00	<0.78	<0.50	34.20
03L859	13-Nov-87 A16	0.40	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L859	15-Dec-88 A20	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
03L859	30-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L860	13-Nov-87 A16	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L860	15-Dec-88 A20	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
03L860	19-Apr-90 F26	<1.00	1.62	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03L861	12-Nov-87 A16	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03L861	15-Dec-88 A20	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
03L861	30-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03L848	02-Dec-87 F16	<20.00	<31.00	<220.00	<90.00			
03L848	03-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
03L848	20-Jul-89 F23	<8.20	<12.00			<62.00	<68.00	<23.00
03L848	19-Oct-89 F24	0.43	<0.62			<3.09	<3.39	<1.17
03L848	19-Apr-90 F26	<14.00	<20.00	<20.00	63.00			
03L848	19-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
03L853	03-Dec-87 F16	<41.00	<62.00	<450.00	<180.00			
03L853	05-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
03L853	25-Jul-89 F23	<41.00	<62.00			<10.00	<340.00	<120.00
03L853	23-Oct-89 F24	<41.00	<62.00			<309.00	<339.00	<117.00
03L853	19-Apr-90 F26	<36.00	<50.00	<50.00	<160.00			
03L853	20-Jul-90 F27	0.92	<1.00	<1.00	<3.20			
03L854	20-Oct-87 A16	<0.20						
03L854	24-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
03L854	16-Dec-88 A20	<1.00						
03L854	20-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03L854	27-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03L854	30-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03L856	24-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
03L856	05-May-89 F22	<0.72	<1.00			<0.41	1.58	<8.28
03L856	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03L856	23-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03L858	24-Nov-87 F16	2.90	<1.60	<11.00	<4.50			
03L858	08-May-89 F22	11.70	<1.00			<0.41	1.42	<8.28
03L858	21-Jul-89 F23	7.10	<3.10			<15.00	<17.00	<5.80
03L858	23-Oct-89 F24	4.90	<3.10			<15.00	<17.00	<5.80
03L858	17-Apr-90 F26	13.00	<1.00	<1.00	<3.20			
03L859	13-Nov-87 A16	<0.20						
03L859	15-Dec-88 A20	<1.00						
03L859	30-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03L860	13-Nov-87 A16	<0.20						
03L860	15-Dec-88 A20	<1.00						
03L860	19-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03L861	12-Nov-87 A16	<0.20						
03L861	15-Dec-88 A20	<1.00						
03L861	30-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	1.47	<8.28

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03M001	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03M002	17-Nov-87 F16	<180.00	4100.00	200.00	170.00			<300.00	1500.00	<200.00	220.00	<100.00	<220.00
03M003	19-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03M003	11-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03M004	18-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03M004	27-Jul-88 A19	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03M004	09-Aug-88 F19	1.68	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03M005	08-Dec-87 F16	<0.88	8.49	<0.49	<0.56			<1.50	0.98	<0.99	<0.72	<0.51	<1.10
03M005	14-Jan-88 A17	<0.20	33.00	<0.20		0.54	<0.20	<0.20	0.42	<0.20	<0.20	<0.20	
03M005	06-Apr-88 F18	<1.00	1.27	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03M005	16-May-88 A18	<0.20	7.10	<0.20		<0.20	<0.20	<0.20	1.50	<0.20	<0.20	<0.20	
03M005	27-Jul-88 A19	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03M005	11-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03M005	31-Oct-88 A20	<0.50	2.00	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	
03M005	10-Nov-88 F20	<1.00	0.87	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03M005	11-Oct-89 A24	<0.20	<0.20	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03M005	24-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03M013	10-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03M017	10-Nov-87 F16	<44.00	1300.00	40.00	<28.00			<75.00	860.00	<50.00	<36.00	<26.00	<55.00
03M017	11-Jan-88 A17	<0.20	1540.00	71.00		4.60	<0.20	<0.20	1040.00	<0.20	19.00	<0.20	
03M017	12-May-88 A18	<0.20	965.00	38.00		3.10	<0.20	<0.20	835.00	<0.20	8.90	<0.20	
03M017	01-Aug-88 A19	0.24	2380.00	90.00		7.40	<0.20	<0.20	2320.00	<0.20	9.20	<0.20	
03M017	31-Oct-88 A20	<0.50	1480.00	66.00		4.40	<0.50	<0.50	1160.00	<0.50	6.00	<1.00	
03M017	13-Oct-89 A24	<10.00	1400.00	210.00		<10.00	<10.00	<50.00	990.00	<10.00	<10.00	<10.00	
03M017	25-Apr-90 A26	<0.50	380.00	49.00		2.80	<0.50	<0.50	280.00	<0.50	4.60	<0.50	<0.50
03M020	19-Jan-88 A17	<4.00	5400.00	240.00		84.20	<4.00	<4.00	2780.00	4.20	468.00	10.00	
03M020	11-May-88 A18	1.20	5900.00	240.00		53.00	0.87	<0.20	3000.00	<0.20	600.00	7.90	
03M020	01-Aug-88 A19	1.30	2380.00	333.00		95.00	1.10	1.00	5950.00	2.20	728.00	<0.20	
03M020	18-Aug-88 F19	<50.00	7700.00	420.00	260.00			<95.00	3700.00	<50.00		<25.00	
03M020	25-Oct-88 A20	1.50	10500.00	430.00		220.00	<0.50	1.70	4500.00	2.00	810.00	33.00	
03M020	11-Oct-89 A24	<50.00	11000.00	1200.00		93.00	<50.00	<250.00	4900.00	<50.00	840.00	<50.00	
03M020	25-Apr-90 A26	<25.00	9000.00	850.00		80.00	<25.00	<25.00	5500.00	<25.00	550.00	<25.00	<25.00
03M505	09-Nov-87 F16												
03M713	04-Jan-89 A21	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03M001	16-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03M002	17-Nov-87 F16	<82.00	<120.00	<900.00	<360.00	<3.09	<3.39	<1.17
03M003	19-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03M003	11-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03M004	18-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
03M004	27-Jul-88 A19	<0.20						
03M004	09-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03M005	08-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03M005	14-Jan-88 A17	<0.20						
03M005	06-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03M005	16-May-88 A18	<0.20						
03M005	27-Jul-88 A19	<0.20						
03M005	11-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03M005	31-Oct-88 A20	<0.50						
03M005	10-Nov-88 F20	<0.72	<1.00					
03M005	11-Oct-89 A24	<0.20						
03M005	24-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03M013	10-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03M017	10-Nov-87 F16	<20.00	<31.00	<220.00	<90.00	<3.09	<3.39	<1.17
03M017	11-Jan-88 A17	<0.20						
03M017	12-May-88 A18	0.35						
03M017	01-Aug-88 A19	<0.20						
03M017	31-Oct-88 A20	<0.50						
03M017	13-Oct-89 A24	<10.00						
03M017	25-Apr-90 A26	<0.50	<0.50		<0.50			
03M020	19-Jan-88 A17	14.00						
03M020	11-May-88 A18	<0.20						
03M020	01-Aug-88 A19	1.90						
03M020	18-Aug-88 F19	100.00	<50.00			<21.00	<44.00	<410.00
03M020	25-Oct-88 A20	10.00						
03M020	11-Oct-89 A24	<50.00						
03M020	25-Apr-90 A26	<25.00	<25.00		<25.00			
03M505	09-Nov-87 F16					<3.09	<3.39	<1.17
03M713	04-Jan-89 A21	<1.00						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03M802	03-Dec-87 F16	<440.00	8900.00	<240.00	<280.00			<750.00	<400.00	<500.00	<360.00	<260.00	<550.00
03M806	02-Dec-87 F16	<44.00	890.00	27.00	<28.00			<75.00	140.00	<50.00	47.00	<26.00	<55.00
03M806	23-Apr-90 A26	<0.50	800.00	120.00		7.80	<0.50	<0.50	210.00	<0.50	92.00	<0.50	<0.50
03M843	24-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03M843	05-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.50	<0.50	<1.10
03M843	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.51	<0.51	<1.10
03M843	23-Oct-89 F24	<0.88	1.45	<0.49	<0.56			<1.50	<0.81	<0.99	<0.51	<0.51	<1.10
03M843	25-Apr-90 F26	<1.00	6.79	<1.00	<0.50			<1.90	2.29	<1.00	<0.78	<0.50	<1.30
03M848	02-Dec-87 F16	<22.00	440.00	<12.00	110.00			<38.00	<20.00	<25.00	<18.00	<13.00	<28.00
03M848	19-Apr-90 F26	<5.00	190.00	6.00	60.00			<9.50	<5.00	<5.00	9.90	<2.50	<6.50
03M848	19-Jul-90 F27	<1.00	190.00	<1.00	45.00			<1.90	<1.00	<1.00	7.40	<0.50	<1.30
03M848	17-Sep-90 F28	<1.00	330.00	5.80	78.00			<1.90	<1.00	<1.00	13.00	<0.50	<1.30
03U001	16-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U002	17-Nov-87 F16	<4.40	16.00	<2.40	<2.80			<7.50	45.00	<5.00	<3.60	<2.60	<5.50
03U002	26-May-88 A18	<0.20	46.00	7.50		0.26	<0.20	<0.20	51.00	1.30	0.48	<0.20	<5.50
03U002	04-Aug-88 A19	<0.20	104.00	7.40		0.55	<0.20	<0.20	36.00	2.90	<0.20	<0.20	<5.50
03U002	24-Oct-88 A20	<0.50	49.00	2.10		<0.50	<0.50	<0.50	34.00	1.50	<1.00	<1.00	<5.50
03U003	19-Nov-87 F16	<88.00	1300.00	<49.00	<56.00			<150.00	95.00	<99.00	<72.00	<51.00	<110.00
03U003	22-Jan-88 A17	<0.20	337.00	14.60		11.10	<0.20	<0.20	16.10	<0.20	12.40	0.50	<110.00
03U003	16-May-88 A18	<0.20	640.00	6.70		8.30	<0.20	<0.20	32.00	1.30	17.00	<0.20	<110.00
03U003	27-Jul-88 A19	<0.20	264.00	5.90		11.00	<0.20	<0.20	18.00	0.74	8.20	8.50	<110.00
03U003	11-Aug-88 F19	<1.00	540.00	22.90	24.40			<1.90	51.90	<1.00		1.72	<110.00
03U003	26-Oct-88 A20	<0.50	3.80	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	<110.00
03U003	19-Apr-89 A22	<0.20	280.00	14.00		28.00	<0.20	<1.00	36.00	3.10	22.00	3.00	<110.00
03U003	12-Jul-89 A23	<0.40	900.00	110.00		84.00	<0.40	<2.00	270.00	7.40	62.00	6.20	<110.00
03U003	18-Jan-90 A25	<10.00	910.00	41.00		48.00	<10.00	<50.00	210.00	<10.00	44.00	<10.00	<110.00
03U003	23-Apr-90 A26	<0.50	1800.00	110.00		61.00	<0.50	<0.50	380.00	5.90	44.00	<0.50	<0.50
03U003	18-Jul-90 A27	<25.000	1800.00	130.00		120.00	<7.500	<38.000	420.00	<25.000	<5.000	82.00	<0.50
03U004	18-Nov-87 F16	<0.88	<1.10	<0.49	0.93			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U004	13-Jan-88 A17	<0.20	1.00	<0.20		0.92	<0.20	<0.20	<0.20	<0.20	0.45	<0.20	<1.10
03U004	18-May-88 A18	<0.20	16.00	<0.20		2.10	<0.20	<0.20	3.00	<0.20	0.55	<0.20	<1.10
03U004	27-Jul-88 A19	<0.20	0.66	<0.20		0.46	<0.20	<0.20	0.22	<0.20	0.24	<0.20	<1.10
03U004	09-Aug-88 F19	<1.00	1.59	<1.00	3.02			<1.90	3.44	<1.00		<0.50	<1.10
03U004	28-Oct-88 A20	<0.50	17.00	<0.50		1.50	<0.50	<0.50	2.10	<0.50	0.63	<1.00	<1.10
03U004	25-Oct-89 A24	<0.20	5.80	<0.20		0.90	<0.20	<1.00	1.10	<0.20	0.50	<0.20	<1.10
03U004	02-May-90 A26	<0.50	13.00	<0.50		0.70	<0.50	<0.50	3.70	<0.50	0.50	<0.50	<0.50

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAAP GW CRITERIA		0.19	6			0.7	2000	440
03M802	03-Dec-87 F16	<200.00	<310.00	<2200.00	<900.00			
03M806	02-Dec-87 F16	<20.00	<31.00	<220.00	<90.00			
03M806	23-Apr-90 A26	<0.50	<0.50		<0.50			
03M843	24-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
03M843	05-May-89 F22	<0.72	<1.00			<0.41	1.13	<8.28
03M843	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03M843	23-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03M843	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	10.10	41.00	31.30
03M848	02-Dec-87 F16	<10.00	<16.00	<110.00	<45.00			
03M848	19-Apr-90 F26	<3.60	<5.00	<5.00	<16.00			
03M848	19-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
03M848	17-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
03U001	16-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U002	17-Nov-87 F16	<2.00	<3.10	<22.00	<9.00	<3.09	<3.39	<1.17
03U002	26-May-88 A18	<0.20						
03U002	04-Aug-88 A19	<0.20						
03U002	24-Oct-88 A20	<0.50						
03U003	19-Nov-87 F16	<41.00	<62.00	<450.00	<180.00	<3.09	<3.39	<1.17
03U003	22-Jan-88 A17	6.00						
03U003	16-May-88 A18	<0.20						
03U003	27-Jul-88 A19	<0.20						
03U003	11-Aug-88 F19	2.16	<1.00			<0.41	<0.87	<8.28
03U003	26-Oct-88 A20	<0.50						
03U003	19-Apr-89 A22	1.00						
03U003	12-Jul-89 A23	4.00						
03U003	18-Jan-90 A25	<10.00						
03U003	23-Apr-90 A26	3.70	<0.50		<0.50			
03U003	18-Jul-90 A27	<12.000						
03U004	18-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U004	13-Jan-88 A17	0.24						
03U004	18-May-88 A18	<0.20						
03U004	27-Jul-88 A19	<0.20						
03U004	09-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U004	28-Oct-88 A20	<0.50						
03U004	25-Oct-89 A24	<0.20						
03U004	02-May-90 A26	<0.50	<0.50		<0.50			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U005	23-Nov-87 F16	<0.88	<1.10	<0.49	4.21			<1.50	<0.81	<0.99	<0.72	<0.51	
03U005	14-Jan-88 A17	<0.20	5.00	<0.20		6.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<1.10
03U005	06-Apr-88 F18	<1.00	3.61	<1.00	4.95			<1.90	<1.00	<1.00	<0.50		
03U005	16-May-88 A18	<0.20	8.40	<0.20		3.40	<0.20	<0.20	0.62	<0.20	<0.20	<0.20	
03U005	27-Jul-88 A19	<0.20	1.10	<0.20		1.00	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U005	10-Aug-88 F19	<1.00	0.65	<1.00	2.00			<1.90	<1.00	<1.00	<0.50		
03U005	31-Oct-88 A20	<0.50	2.30	<0.50		6.20	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	
03U005	10-Nov-88 F20	<1.00	2.11	<1.00	4.80			<1.90	<1.00	<1.00	<0.50	<0.50	
03U005	11-Oct-89 A24	<0.20	0.30	<0.20		3.40	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03U005	24-Apr-90 F26	<1.00	0.70	<1.00	1.66			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U007	09-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U007	07-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U007	23-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U008	09-Nov-87 F16	1.06	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U008	10-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U008	23-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U009	20-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U009	14-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U009	23-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U010	09-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U010	10-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U012	09-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U012	11-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U013	10-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U014	04-Dec-87 F16	<880.00	13000.00	<490.00	1500.00			<1500.00	6400.00	<990.00	<720.00	<510.00	<1100.00
03U014	18-Jan-88 A17	<0.20	5250.00	122.00		1538.00	<0.20	<0.20	2938.00	4.80	636.00	15.80	
03U014	18-May-88 A18	2.60	11300.00	815.00		1575.00	4.10	0.40	6000.00	3.50	795.00	10.00	
03U014	02-Aug-88 A19	<20.00	13500.00	392.00		3330.00	<20.00	<20.00	8850.00	<20.00	1460.00	<20.00	
03U014	17-Aug-88 F19	<200.00	12000.00	670.00	3300.00			<380.00	9500.00	<200.00		<100.00	
03U014	24-Oct-88 A20	7.60	14000.00	6.60		2250.00	<0.50	0.90	6000.00	5.20	1050.00	57.00	
03U014	20-Apr-89 A22	6.70	14000.00	1200.00		2200.00	6.30	2.10	6100.00	6.60	1200.00	22.00	
03U014	19-Jul-89 A23	<40.00	12000.00	1800.00		2300.00	<40.00	<200.00	7700.00	<40.00	1200.00	<40.00	
03U014	24-Oct-89 A24	<100.00	17000.00	1600.00		2300.00	<100.00	<500.00	10000.00	<100.00	1300.00	<100.00	
03U014	16-Jan-90 A25	110.00	11000.00	740.00		1600.00	110.00	<500.00	7800.00	110.00	990.00	150.00	
03U014	02-May-90 A26	3.20	9500.00	800.00		690.00	2.80	<0.50	7500.00	5.00	430.00	<0.50	<0.50

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03U005	23-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U005	14-Jan-88 A17	<0.20						
03U005	06-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U005	16-May-88 A18	<0.20						
03U005	27-Jul-88 A19	<0.20						
03U005	10-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U005	31-Oct-88 A20	<0.50						
03U005	10-Nov-88 F20	<0.72	<1.00					
03U005	11-Oct-89 A24	<0.20						
03U005	24-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U007	09-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U007	07-Nov-88 F20	<0.72	<1.00					
03U007	23-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U008	09-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U008	10-Nov-88 F20	<0.72	<1.00					
03U008	23-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U009	20-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U009	14-Nov-88 F20	<0.72	<1.00					
03U009	23-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U010	09-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U010	10-Nov-88 F20	<0.72	<1.00					
03U012	09-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U012	11-Nov-88 F20	<0.72	<1.00					
03U013	10-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U014	04-Dec-87 F16	<410.00	<620.00	<4500.00	5400.00	<1500.00	<1700.00	<580.00
03U014	18-Jan-88 A17	<0.20						
03U014	18-May-88 A18	<0.20						
03U014	02-Aug-88 A19	<20.00						
03U014	17-Aug-88 F19	<140.00	<200.00			<0.41	<0.87	<8.28
03U014	24-Oct-88 A20	28.00						
03U014	20-Apr-89 A22	3.50						
03U014	19-Jul-89 A23	<40.00						
03U014	24-Oct-89 A24	<100.00						
03U014	16-Jan-90 A25	130.00						
03U014	02-May-90 A26	5.20	<0.50		5.30			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2-Dichloro ethene C12DCE	Trans-1,2-Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U015	17-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U015	05-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U015	09-Aug-88 F19	44.90	20.70	<1.00	48.80			<1.90	<1.00	<1.00		<0.50	
03U015	16-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U015	01-May-90 F26	<2.00	<1.00	<2.00	<1.00			<3.80	<2.00	<2.00	<1.60	<1.00	<2.60
03U016	27-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U017	10-Nov-87 F16	<22.00	600.00	20.00	<14.00			<38.00	480.00	<25.00	<18.00	<13.00	<28.00
03U017	24-Apr-90 A26	<0.50	270.00	43.00		<0.50	<0.50	<0.50	190.00	<0.50	1.70	<0.50	<0.50
03U018	04-Dec-87 F16	<440.00	11000.00	<240.00	<280.00			<750.00	3300.00	<500.00	<360.00	<260.00	<550.00
03U018	22-Aug-88 F19	<1.00	3600.00	103.00	26.70			<1.90	2100.00	1.68		<0.50	
03U018	20-Apr-89 A22	0.20	1500.00	97.00		14.00	<0.20	<1.00	410.00	<0.20	22.00	<0.20	
03U018	12-Jul-89 A23	<1.00	9900.00	750.00		70.00	<1.00	<5.00	3100.00	<1.00	280.00	<1.00	
03U018	20-Oct-89 A24	<20.00	4000.00	210.00		<20.00	<20.00	<100.00	1200.00	<20.00	590.00	<20.00	
03U018	18-Jan-90 A25	<40.00	6600.00	140.00		52.00	<40.00	<200.00	2200.00	<40.00	190.00	<40.00	
03U018	02-May-90 A26	0.80	2500.00	85.00		17.00	<0.50	<0.50	850.00	<0.50	75.00	<0.50	<0.50
03U019	23-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U019	25-Jan-88 A17	<0.20	0.95	<0.20		<0.20	<0.20	<0.20	0.73	<0.20	<0.20	<0.20	
03U019	17-May-88 A18	<0.20	1.30	<0.20		<0.20	<0.20	<0.20	2.10	<0.20	<0.20	<0.20	
03U019	02-Aug-88 A19	<0.20	2.30	<0.20		<0.20	<0.20	<0.20	2.20	<0.20	<0.20	<0.20	
03U019	12-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	1.29	<1.00		<0.50	
03U019	27-Oct-88 A20	<0.50	2.60	<0.50		<0.50	<0.50	<0.50	2.90	<0.50	<1.00	<1.00	
03U019	18-Oct-89 A24	<0.20	0.40	<0.20		<0.20	<0.20	<1.00	1.10	<0.20	<0.20	<0.20	
03U019	01-May-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	1.28	<1.00	<0.78	<0.50	<1.30
03U019	19-Jul-90 F27	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U020	07-Dec-87 F16	<440.00	11000.00	250.00	<280.00			<750.00	6000.00	<500.00	<360.00	<260.00	<550.00
03U020	17-Aug-88 F19	<200.00	5200.00	450.00	740.00			<380.00	4100.00	<200.00	<100.00	<100.00	
03U020	25-Apr-90 A26	<25.00	1100.00	120.00		45.00	<25.00	<25.00	420.00	<25.00	45.00	<25.00	<25.00
03U021	17-May-88 A18	<0.20	7.40	<0.20		<0.20	<0.20	<0.20	2.00	<0.20	0.60	<0.20	
03U021	29-Jul-88 A19	<0.20	1.90	<0.20		<0.20	<0.20	<0.20	0.38	<0.20	<0.20	<0.20	
03U021	28-Oct-88 A20	<0.50	3.30	<0.50		<0.50	<0.50	<0.50	0.59	<0.50	<1.00	<1.00	
03U021	13-Oct-89 A24	<4.00	340.00	120.00		<4.00	<4.00	<20.00	380.00	<4.00	9.00	<4.00	
03U021	02-May-90 A26	<0.50	900.00	150.00		6.00	<0.50	<0.50	800.00	1.40	24.00	<0.50	0.60
03U022	05-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U023	10-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U023	15-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U023	25-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTPE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA								
03U015	17-Nov-87 F16	0.19	6			0.7	2000	440
03U015	05-Apr-88 F18	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U015	09-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U015	16-Nov-88 F20	<0.72	<1.00					
03U015	01-May-90 F26	<1.40	<2.00	<2.00	<6.40			
03U016	27-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U017	10-Nov-87 F16	<10.00	<16.00	<110.00	<45.00	<3.09	<3.39	<1.17
03U017	24-Apr-90 A26	<0.50	<0.50		<0.50			
03U018	04-Dec-87 F16	<200.00	<310.00	<2200.00	<900.00	<1500.00	<1700.00	<580.00
03U018	22-Aug-88 F19	1.57	<1.00			<0.41	<0.87	<8.28
03U018	20-Apr-89 A22	1.40						
03U018	12-Jul-89 A23	<1.00						
03U018	20-Oct-89 A24	<20.00						
03U018	18-Jan-90 A25	<40.00						
03U018	02-May-90 A26	2.30	<0.50		<0.50			
03U019	23-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U019	25-Jan-88 A17	<0.20						
03U019	17-May-88 A18	<0.20						
03U019	02-Aug-88 A19	<0.20						
03U019	12-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U019	27-Oct-88 A20	<0.50						
03U019	18-Oct-89 A24	<0.20						
03U019	01-May-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U019	19-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U020	07-Dec-87 F16	<200.00	<310.00	<2200.00	<900.00	<1500.00	<1700.00	<580.00
03U020	17-Aug-88 F19	<140.00	<200.00			<0.41	<0.87	<8.28
03U020	25-Apr-90 A26	<25.00	<25.00		<25.00			
03U021	17-May-88 A18	<0.20						
03U021	29-Jul-88 A19	<0.20						
03U021	28-Oct-88 A20	<0.50						
03U021	13-Oct-89 A24	<4.00						
03U021	02-May-90 A26	1.00	<0.50		<0.50			
03U022	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U023	10-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U023	15-Nov-88 F20	<0.72	<1.00			<0.41	<0.87	<8.28
03U023	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	1.13	<8.28

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEB	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U024	10-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U025	10-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U026	18-Nov-87 F16	<4.40	36.00	<2.40	<2.80			<7.50	42.00	<5.00	<3.60	<2.60	<5.50
03U026	08-Apr-88 F18	<1.00	23.10	2.44	<0.50			<1.90	35.70	<1.00		<0.50	
03U026	22-Aug-88 F19	<1.00	31.10	<1.00	<0.50			<1.90	32.20	<1.00		<0.50	
03U026	16-Nov-88 F20	<1.00	29.40	1.97	<0.50			<1.90	36.00	<1.00		<0.50	
03U026	01-May-90 F26	<1.00	27.50	2.54	<0.50			<1.90	40.40	<1.00	<0.78	<0.50	<1.30
03U026	19-Jul-90 F27	<1.00	25.30	2.10	<0.50			<1.90	25.00	<1.00	<0.78	<0.50	<1.30
03U026	21-Sep-90 F28	<1.00	34.20	2.06	0.80			<1.90	15.00	<1.00	<0.78	<0.50	<1.30
03U027	20-Nov-87 F16	<4.40	46.00	<2.40	<2.80			<7.50	21.00	23.00	<3.60	<2.60	<5.50
03U027	13-Jan-88 A17	<0.20	49.00	5.85		0.28	<0.20	<0.20	<0.20	12.00	<0.20	<0.20	
03U027	11-May-88 A18	<0.20	41.00	5.40		<0.20	<0.20	<0.20	18.00	8.00	0.67	<0.20	
03U027	08-Aug-88 A19	<0.20	97.00	4.60		0.35	<0.20	<0.20	28.00	17.00	<0.20	0.27	
03U027	16-Aug-88 F19	<1.00	40.10	4.91	1.50			<1.90	24.50	16.10		<0.50	
03U027	25-Oct-88 A20	0.70	55.00	2.40		<0.50	<0.50	<0.50	24.00	5.50	1.30	0.59	
03U027	11-Oct-89 A24	<0.40	43.00	<0.40		1.70	<0.40	<2.00	75.00	22.00	<0.40	<0.40	
03U027	25-Apr-90 A26	<0.50	65.00	12.00		1.60	<0.50	<0.50	80.00	21.00	<0.50	<0.50	<0.50
03U028	03-Dec-87 F16	<44.00	310.00	<24.00	<28.00			<75.00	<40.00	<50.00	<36.00	<26.00	<55.00
03U028	22-Aug-88 F19	<10.00	540.00	<10.00	44.00			<19.00	76.00	<10.00		<5.00	
03U028	25-Oct-89 A24	<2.00	280.00	5.40		4.20	<2.00	<10.00	34.00	<2.00	<2.00	<2.00	
03U028	07-May-90 A26	<0.50	120.00	1.20		1.30	<0.50	<0.50	7.40	<0.50	<0.50	<0.50	<0.50
03U029	03-Dec-87 F16	<180.00	1400.00	<100.00	<110.00			<300.00	<160.00	<200.00	<140.00	<100.00	<220.00
03U029	26-Jan-88 A17	<0.20	1030.00	<0.20		143.00	<0.20	<0.20	91.60	<0.20	<0.20	<0.20	
03U029	17-May-88 A18	0.61	1125.00	0.67		115.00	0.91	<0.20	46.00	<0.20	1.90	<0.20	
03U029	08-Aug-88 A19	4.30	5700.00	24.00		395.00	6.50	<0.20	435.00	0.51	9.40	<0.20	
03U029	17-Aug-88 F19	<50.00	2100.00	<50.00	390.00			<95.00	180.00	<50.00		<25.00	
03U029	31-Oct-88 A20	2.20	1720.00	12.00		390.00	2.60	<0.50	200.00	<0.50	4.80	<1.00	
03U029	18-Oct-89 A24	0.80	1900.00	33.00		230.00	1.50	<1.00	130.00	<0.20	6.80	<0.20	
03U029	07-May-90 A26	0.60	1400.00	13.00		110.00	1.00	<0.50	110.00	<0.50	3.10	<0.50	<0.50
03U030	03-Dec-87 F16	<1.80	25.00	<1.00	<1.10			<3.00	<1.60	<2.00	<1.40	<1.00	<2.20
03U030	26-Jan-88 A17	<0.20	6.50	<0.20		0.41	<0.20	<0.20	0.26	<0.20	<0.20	<0.20	
03U030	18-May-88 A18	<0.20	17.00	<0.20		<0.20	<0.20	<0.20	0.59	<0.20	<0.20	<0.20	
03U030	08-Aug-88 A19	<0.20	7.70	<0.20		<0.20	<0.20	<0.20	0.67	<0.20	<0.20	<0.20	
03U030	22-Aug-88 F19	<1.00	11.50	<1.00	<0.50			<1.90	1.64	<1.00		<0.50	
03U030	01-Nov-88 A20	<0.50	11.00	<0.50		<0.50	<0.50	<0.50	1.40	<0.50	<1.00	<1.00	
03U030	25-Oct-89 A24	<0.20	7.10	<0.20		<0.20	<0.20	<1.00	0.60	<0.20	<0.20	<0.20	
03U030	07-May-90 A26	<0.50	2.90	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03U024	10-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U025	10-Aug-88 F19	<0.72	<1.00			<0.41	1.92	<8.28
03U026	18-Nov-87 F16	6.50	<3.10	<2.00	<9.00	<3.09	<3.39	<1.17
03U026	08-Apr-88 F18	21.40	<1.00			<0.41	<0.87	<8.28
03U026	22-Aug-88 F19	15.30	<1.00			<0.41	<0.87	<8.28
03U026	16-Nov-88 F20	35.40	<1.00			<0.41	4.66	<8.28
03U026	01-May-90 F26	42.30	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U026	19-Jul-90 F27	55.80	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U026	21-Sep-90 F28	92.00	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U027	20-Nov-87 F16	<2.00	<3.10	<2.00	<9.00			
03U027	13-Jan-88 A17	2.50						
03U027	11-May-88 A18	0.95						
03U027	08-Aug-88 A19	1.10						
03U027	16-Aug-88 F19	1.90	<1.00			<0.41	<0.87	<8.28
03U027	25-Oct-88 A20	0.65						
03U027	11-Oct-89 A24	2.30						
03U027	25-Apr-90 A26	1.70	<0.50		<0.50			
03U028	03-Dec-87 F16	<20.00	<31.00	<220.00	<90.00			
03U028	22-Aug-88 F19	<7.20	<10.00			<4.10	<8.70	<83.00
03U028	25-Oct-89 A24	<2.00						
03U028	07-May-90 A26	<0.50	<0.50		<0.50			
03U029	03-Dec-87 F16	<82.00	<120.00	<900.00	<360.00	<620.00	<680.00	<230.00
03U029	26-Jan-88 A17	8.50						
03U029	17-May-88 A18	<0.20						
03U029	08-Aug-88 A19	1090.00						
03U029	17-Aug-88 F19	<36.00	<50.00			<0.41	<0.87	<8.28
03U029	31-Oct-88 A20	<0.50						
03U029	18-Oct-89 A24	0.50						
03U029	07-May-90 A26	0.80	<0.50		<0.50			
03U030	03-Dec-87 F16	<0.82	<1.20	<9.00	<3.60			
03U030	26-Jan-88 A17	<0.20						
03U030	18-May-88 A18	<0.20						
03U030	08-Aug-88 A19	<0.20						
03U030	22-Aug-88 F19	<0.72	<1.00			2.47	1.04	<8.28
03U030	01-Nov-88 A20	<0.50						
03U030	25-Oct-89 A24	<0.20						
03U030	07-May-90 A26	<0.50	<0.50		<0.50			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCLE	1,2-Di chloro ethene 12DCLE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U031	18-Jan-88 A17	<0.20	0.68	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U031	10-May-88 A18	<0.20	6.00	<0.20		<0.20	<0.20	<0.20	1.00	<0.20	<0.20	<0.20	
03U031	29-Jul-88 A19	<0.20	0.53	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U031	10-Aug-88 F19	<1.00	0.63	<1.00	<0.50	<0.20	<0.20	<1.90	<1.00	<1.00	<0.20	<0.50	
03U031	20-Oct-88 A20	<0.50	<0.50	<0.50		<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	
03U031	11-Oct-89 A24	<0.20	<0.20	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03U031	24-Apr-90 A26	<0.50	2.60	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03U032	20-Nov-87 F16	<8.80	15.00	<4.90	<5.60			<15.00	16.00	<9.90	<7.20	<5.10	<11.00
03U032	08-Apr-88 F18	<1.00	2.99	<1.00	<0.50			<1.90	9.60	<1.00		<0.50	
03U032	22-Aug-88 F19	<1.00	37.90	<1.00	<0.50			<1.90	25.50	<1.00		<0.50	
03U032	01-May-90 F26	<1.00	19.20	4.19	<0.50			<1.90	69.70	<1.00	<0.78	<0.50	<1.30
03U032	18-Jul-90 F27	<1.00	8.65	1.98	<0.50			<1.90	23.10	<1.00	<0.78	<0.50	<1.30
03U032	21-Sep-90 F28	<1.00	7.09	1.68	<0.50			<1.90	20.00	<1.00	0.85	<0.50	<1.30
03U073	15-Jan-88 A17	30.00	1130.00	57.00		102.00	<0.20	<0.20	24.00	<0.20	66.00	<0.20	
03U075	10-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U075	18-Aug-88 F19	<1.00	1.04	<1.00	<0.50			<1.90	<1.00	<1.00	<0.72	<0.50	
03U075	20-Jul-90 A27	<1.00	<0.50	<0.30		<0.50	<0.30	<1.50	<0.50	<1.00	<0.20	<0.20	
03U076	10-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U076	18-Aug-88 F19	<1.00	1.03	<1.00	<0.50			<1.90	<1.00	<1.00	<0.72	<0.50	
03U077	19-Jan-88 A17	<0.20	25.00	5.40		0.31	<0.20	<0.20	31.00	<0.20	2.20	<0.20	0.64
03U077	09-May-88 A18	0.33	27.00	1.80		<0.20	<0.20	<0.20	22.00	<0.20	0.89	<0.20	
03U077	03-Aug-88 A19	<0.20	6.90	<0.20		<0.20	<0.20	<0.20	12.00	<0.20	0.86	<0.20	
03U077	21-Oct-88 A20	<0.50	9.90	1.20		<0.50	<0.50	<0.50	8.90	<0.50	1.90	<0.10	
03U077	16-Oct-89 A24	<20.00	3000.00	360.00		<20.00	<20.00	<100.00	1600.00	<20.00	<20.00	<20.00	
03U077	24-Apr-90 A26	24.00	6500.00	490.00		8.60	<0.50	<0.50	2000.00	1.60	28.00	5.40	10.00
03U078	23-Nov-87 F16	27.00	100.00	<4.90	8.30			<15.00	<8.10	<9.90	<7.20	<5.10	<11.00
03U078	14-Jan-88 A17	47.00	150.00	5.70		30.00	<0.20	<0.20	<0.20	<0.20	4.10	<0.20	
03U078	13-May-88 A18	33.00	130.00	3.60		11.00	<0.20	<0.20	16.00	<0.20	1.30	<0.20	
03U078	03-Aug-88 A19	20.00	68.00	0.54		9.30	<0.20	<0.20	11.00	<0.20	0.39	<0.20	
03U078	18-Aug-88 F19	22.30	49.80	1.44	12.30			<1.90	8.44	<1.00		<0.50	
03U078	16-Oct-89 A24	34.00	170.00	7.40		15.00	<1.00	<5.00	25.00	<1.00	1.90	<1.00	
03U078	30-Apr-90 A26	24.00	120.00	3.20		4.60	<0.50	<0.50	11.00	<0.50	1.20	<0.50	<0.50
03U079	04-Dec-87 F16	<440.00	7000.00	<240.00	<280.00			<750.00	<400.00	<500.00	<360.00	<260.00	<550.00
03U079	14-Jan-88 A17	<10.00	10350.00	<10.00		380.00	<10.00	<10.00	41.00	<10.00	24.00	<10.00	
03U079	09-May-88 A18	<2.00	2900.00	<2.00		62.00	<2.00	<2.00	11.00	<2.00	6.80	<2.00	
03U079	03-Aug-88 A19	0.73	8400.00	8.30		564.00	2.10	<0.20	31.00	1.20	18.00	<0.20	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03U031	18-Jan-88 A17	<0.20						
03U031	10-May-88 A18	<0.20						
03U031	29-Jul-88 A19	<0.20						
03U031	10-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U031	20-Oct-88 A20	<0.50						
03U031	11-Oct-89 A24	<0.20						
03U031	24-Apr-90 A26	<0.50	<0.50		<0.50			
03U032	20-Nov-87 F16	<4.10	<6.20	<45.00	<18.00	<3.09	<3.39	<1.17
03U032	08-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U032	22-Aug-88 F19	<0.72	<1.00			<0.41	1.00	<8.28
03U032	01-May-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U032	18-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U032	21-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	0.63	<0.87	<8.28
03U073	15-Jan-88 A17	<0.20						
03U075	10-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U075	18-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U075	20-Jul-90 A27	<0.50						
03U076	10-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U076	18-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U077	19-Jan-88 A17	1.30						
03U077	09-May-88 A18	0.86						
03U077	03-Aug-88 A19	<0.20						
03U077	21-Oct-88 A20	<0.50						
03U077	16-Oct-89 A24	<20.00						
03U077	24-Apr-90 A26	<0.50	<0.50		5.30			
03U078	23-Nov-87 F16	<4.10	<6.20	<45.00	<18.00	<3.09	<3.39	<1.17
03U078	14-Jan-88 A17	4.10						
03U078	13-May-88 A18	1.90						
03U078	03-Aug-88 A19	<0.20						
03U078	18-Aug-88 F19	3.11	<1.00			<0.41	2.54	<8.28
03U078	16-Oct-89 A24	3.70						
03U078	30-Apr-90 A26	4.00	<0.50		<0.50			
03U079	04-Dec-87 F16	<200.00	<310.00	<2200.00	<900.00	<620.00	<680.00	<230.00
03U079	14-Jan-88 A17	<10.00						
03U079	09-May-88 A18	<2.00						
03U079	03-Aug-88 A19	<0.20						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U079	18-Aug-88 F19	<1.00	11000.00	13.00	290.00			<1.90	28.70	<1.00		<0.50	
03U079	26-Oct-88 A20	<0.50	5800.00	14.00		198.00	<0.50	<0.50	84.00	1.10	17.00	1.10	
03U079	16-Oct-89 A24	<20.00	2300.00	28.00		<20.00	<20.00	<100.00	86.00	<20.00	<20.00	<20.00	
03U079	01-May-90 A26	<0.50	1900.00	39.00		<0.50	<0.50	<0.50	110.00	3.40	18.00	<0.50	1.30
03U082	26-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U083	10-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U083	27-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U084	23-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U084	18-Jan-88 A17	<0.20	1.40	<0.20		<0.20	<0.20	<0.20	0.51	<0.20	<0.20	<0.20	
03U084	11-May-88 A18	<0.20	7.20	<0.20		<0.20	<0.20	<0.20	2.70	<0.20	<0.20	<0.20	
03U084	04-Aug-88 A19	<0.20	2.00	<0.20		<0.20	<0.20	<0.20	0.28	<0.20	<0.20	<0.20	
03U084	20-Oct-88 A20	<0.50	<0.50	<0.50		<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	
03U084	11-Oct-89 A24	<0.20	5.70	<0.20		<0.20	<0.20	<1.00	0.90	<0.20	<0.20	<0.20	
03U084	26-Apr-90 A26	<0.50	2.40	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03U087	20-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U087	26-Jan-88 A17	<0.20	6.00	<0.20		<0.20	<0.20	<0.20	0.81	<0.20	<0.20	<0.20	
03U087	11-Apr-88 F18	<1.00	0.90	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U087	18-May-88 A18	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U087	29-Jul-88 A19	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U087	24-Aug-88 F19	<1.00	1.67	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U087	28-Oct-88 A20	<0.50	0.84	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	
03U087	17-Nov-88 F20	<1.00	1.41	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U087	24-Oct-89 A24	<0.20	5.20	<0.20		<0.20	<0.20	<1.00	0.30	<0.20	<0.20	<0.20	
03U088	17-Nov-87 F16												
03U088	05-Apr-88 F18	1.34	5.86	<1.00	<0.50			<1.90	1.57	<1.00		<0.50	
03U088	08-Aug-88 F19	4.16	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U088	16-Nov-88 F20	3.87	0.55	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U088	30-Apr-90 F26	2.94	0.67	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U089	20-Nov-87 F16	0.91	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U089	05-Apr-88 F18	2.08	1.68	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U089	08-Aug-88 F19	2.00	0.95	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U089	17-Nov-88 F20	1.58	1.20	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U089	30-Apr-90 F26	1.83	1.19	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U090	19-Nov-87 F16	<0.88	6.17	<0.49	9.45			<1.50	1.95	<0.99	<0.72	<0.51	<1.10
03U090	06-Apr-88 F18	<1.00	1.15	<1.00	8.51			<1.90	2.17	<1.00		<0.50	
03U090	16-Aug-88 F19	<1.00	0.66	<1.00	10.40			<1.90	1.59	<1.00		<0.50	
03U090	18-Nov-88 F20	<1.00	0.75	<1.00	11.20			<1.90	2.08	<1.00		<0.50	

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TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03U079	18-Aug-88 F19	2.68	<1.00			<0.41	<0.87	<8.28
03U079	26-Oct-88 A20	11.00						
03U079	16-Oct-89 A24	<20.00						
03U079	01-May-90 A26	1.50	<0.50		<0.50			
03U082	26-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U083	10-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U083	27-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	1.25	5.26	<8.28
03U084	23-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U084	18-Jan-88 A17	<0.20						
03U084	11-May-88 A18	<0.20						
03U084	04-Aug-88 A19	<0.20						
03U084	20-Oct-88 A20	<0.50						
03U084	11-Oct-89 A24	<0.20						
03U084	26-Apr-90 A26	<0.50	<0.50		<0.50			
03U087	20-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U087	26-Jan-88 A17	<0.20						
03U087	11-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U087	18-May-88 A18	<0.20						
03U087	29-Jul-88 A19	<0.20						
03U087	24-Aug-88 F19	<0.72	<1.00					
03U087	28-Oct-88 A20	<0.50						
03U087	17-Nov-88 F20	<0.72	<1.00					
03U087	24-Oct-89 A24	<0.20						
03U088	17-Nov-87 F16					<3.09	<3.39	<1.17
03U088	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U088	08-Aug-88 F19	<0.72	<1.00					
03U088	16-Nov-88 F20	<0.72	<1.00					
03U088	30-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U089	20-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U089	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U089	08-Aug-88 F19	<0.72	<1.00					
03U089	17-Nov-88 F20	<0.72	<1.00					
03U089	30-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U090	19-Nov-87 F16	2.83	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U090	06-Apr-88 F18	10.30	<1.00			<0.41	<0.87	<8.28
03U090	16-Aug-88 F19	3.33	<1.00			<0.41	<0.87	<8.28
03U090	18-Nov-88 F20	4.72	<1.00			<0.41	1.33	<8.28

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U090	01-May-90 F26	<1.00	0.97	<1.00	3.95			<1.90	9.57	<1.00	<0.78	<0.50	<1.30
03U090	19-Jul-90 F27	<1.00	0.70	1.26	3.03			<1.90	21.90	<1.00	<0.78	<0.50	<1.30
03U090B	19-Jul-90 F27	<1.00	<0.50	1.15	2.85			<1.90	23.30	<1.00	<0.78	<0.50	<1.30
03U092	23-Nov-87 F16	<0.88	13.80	0.63	<0.56			<1.50	16.50	<0.99	<0.72	<0.51	<1.10
03U092	08-Apr-88 F18	<1.00	21.50	3.24	<0.50			<1.90	29.60	<1.00		<0.50	
03U092	25-Aug-88 F19	<1.00	8.32	<1.00	<0.50			<1.90	17.70	<1.00		<0.50	
03U092	16-Nov-88 F20	<1.00	12.10	1.21	<0.50			<1.90	24.90	<1.00		<0.50	
03U092	01-May-90 F26	<1.00	200.00	25.00	<0.50			<1.90	390.00	<1.00	2.18	<0.50	<1.30
03U093	04-Dec-87 F16	<8800.00	79000.00	<4900.00	<5600.00			<15000.00	9300.00	<9900.00	<7200.00	<5100.00	<11000.00
03U093	26-Jan-88 A17	<0.20	34200.00	405.00		197.00	44.00	<0.20	7670.00	24.00	38.00	<0.20	
03U093	18-May-88 A18	3.40	65400.00	1630.00		420.00	<0.20	<0.20	16250.00	25.00	292.00	41.00	
03U093	08-Aug-88 A19	17.00	35000.00	600.00		31.00	<0.20	<0.20	7750.00	16.00	180.00	24.00	
03U093	17-Aug-88 F19	<200.00	30000.00	480.00	630.00			<380.00	8700.00	<200.00		<180.00	
03U093	01-Nov-88 A20	58.00	33000.00	300.00		440.00	3.40	<0.50	8000.00	14.00	60.00	50.00	
03U093	19-Oct-89 A24	<100.00	43000.00	1800.00		360.00	<100.00	<500.00	13000.00	<100.00	<100.00	<100.00	
03U093	02-May-90 A26	15.00	40000.00	740.00		280.00	1.30	<0.50	7800.00	25.00	60.00	<0.50	<0.50
03U093	18-Jul-90 A27	<500.000	30000.00	780.00		300.00	<150.000	<750.000	7200.00	<500.000	<100.000	<100.000	
03U093B	18-Jul-90 A27	<500.000	30000.00	760.00		280.00	<150.000	<750.000	7100.00	<500.000	<100.000	<100.000	
03U094	04-Dec-87 F16	<880.00	18000.00	<490.00	2300.00			<1500.00	9100.00	<990.00	830.00	<510.00	<1100.00
03U094	25-Aug-88 F19	<200.00	6900.00	<200.00	1200.00			<380.00	5600.00	<200.00		<100.00	
03U096	04-Dec-87 F16	<180.00	1200.00	<100.00	<110.00			<300.00	830.00	<200.00	<140.00	<100.00	<220.00
03U096	25-Aug-88 F19	<50.00	2300.00	110.00	<25.00			<95.00	2500.00	<50.00		<25.00	
03U096	19-Jul-90 A27	<10.000	630.00	90.00		<5.000	<3.000	<15.000	650.00	<10.000	2.40	<2.000	
03U097	20-Nov-87 F16	<0.88	8.85	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U097	07-Apr-88 F18	<1.00	0.73	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U097	11-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U097	17-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U097	27-Apr-90 F26	<1.00	1.81	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U099	19-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U099	11-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U099	27-Jul-88 A19	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U099	12-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U099	17-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U099	26-Apr-90 F26	<1.00	1.14	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U111	20-Nov-87 F16	<0.88	3.98	<0.49	<0.56			<1.50	0.85	<0.99	<0.72	<0.51	<1.10

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03U090	01-May-90 F26	4.59	<1.00	<1.00	<3.20	<0.41	2.08	<8.28
03U090	19-Jul-90 F27	3.78	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U090B	19-Jul-90 F27	3.61	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U092	23-Nov-87 F16	1.13	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U092	08-Apr-88 F18	3.85	<1.00			<0.41	<0.87	<8.28
03U092	25-Aug-88 F19	6.07	<1.00			<0.41	<0.87	<8.28
03U092	16-Nov-88 F20	4.40	<1.00			2.43	31.20	13.30
03U092	01-May-90 F26	6.42	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U093	04-Dec-87 F16	<4100.00	<6200.00	<45000.00	<18000.00	<15000.00	<17000.00	<5800.00
03U093	26-Jan-88 A17	<0.20						
03U093	18-May-88 A18	29.00						
03U093	08-Aug-88 A19	14.00						
03U093	17-Aug-88 F19	<140.00	<200.00			<82.00	17.20	<8.28
03U093	01-Nov-88 A20	23.00						
03U093	19-Oct-89 A24	<100.00						
03U093	02-May-90 A26	18.00	<0.50		260.00			
03U093	18-Jul-90 A27	<250.000						
03U093B	18-Jul-90 A27	<250.000						
03U094	04-Dec-87 F16	<410.00	<620.00	<4500.00	<1800.00	<1500.00	<1700.00	<580.00
03U094	25-Aug-88 F19	<140.00	<200.00			<82.00	<170.00	<1700.00
03U096	04-Dec-87 F16	<82.00	<120.00	<900.00	<360.00	<620.00	<680.00	<230.00
03U096	25-Aug-88 F19	<36.00	<50.00			<21.00	<44.00	<410.00
03U096	19-Jul-90 A27	<5.000						
03U097	20-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U097	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U097	11-Aug-88 F19	<0.72	<1.00					
03U097	17-Nov-88 F20	<0.72	<1.00					
03U097	27-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U099	19-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U099	11-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U099	27-Jul-88 A19	<0.20						
03U099	12-Aug-88 F19	<0.72	<1.00					
03U099	17-Nov-88 F20	<0.72	<1.00					
03U099	26-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	0.63	2.67	<8.28
03U111	20-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U111	07-Apr-88 F18	<1.00	1.41	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U111	11-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U111	17-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U112	20-Nov-87 F16	<2.20	35.00	<1.20	<1.40			<3.80	11.00	<2.50	<1.80	<1.30	<2.80
03U112	08-Apr-88 F18	<1.00	29.10	1.60	<0.50			<1.90	25.20	<1.00		<0.50	
03U112	16-Aug-88 F19	<1.00	43.60	2.16	<0.50			<1.90	25.20	<1.00		<0.50	
03U112	18-Nov-88 F20	<1.00	27.70	<1.00	<0.50			<1.90	21.00	<1.00		<0.50	
03U112	01-May-90 F26	<1.00	40.70	<1.00	<0.50			<1.90	12.60	<1.00	<0.78	<0.50	<1.30
03U112	18-Jul-90 F27	<1.00	43.00	<1.00	<0.50			<1.90	8.28	<1.00	<0.78	<0.50	<1.30
03U112	20-Sep-90 F28	<1.00	39.80	<1.00	0.64			<1.90	6.49	<1.00	<0.78	<0.50	<1.30
03U113	18-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U113	06-Apr-88 F18	<1.00	0.68	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U113	09-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U113	18-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U113	27-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U113	18-Jul-90 F27	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U114	23-Nov-87 F16	<44.00	150.00	29.00	<28.00			<75.00	860.00	<50.00	<36.00	<26.00	<55.00
03U114	11-Apr-88 F18	<1.00	110.00	66.00	<0.50			<1.90	680.00	<1.00		<0.50	
03U114	09-Aug-88 F19	<10.00	240.00	120.00	<5.00			<19.00	1100.00	<10.00		<5.00	
03U114	16-Nov-88 F20	<20.00	260.00	95.00	<10.00			<38.00	1200.00	<20.00		<10.00	
03U114	01-May-90 F26	<50.00	350.00	100.00	<25.00			<95.00	1400.00	<50.00	<39.00	<25.00	<65.00
03U114	18-Jul-90 F27	<1.00	210.00	81.00	<0.50			<1.90	980.00	<1.00	<0.78	<0.50	<1.30
03U114	21-Sep-90 F28	<1.00	230.00	<1.00	<0.50			<1.90	1100.00	<1.00	<0.78	<0.50	<1.30
03U121	08-Dec-87 F16	<0.88	5.51	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U121	08-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U121	16-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U121	18-Nov-88 F20	<1.00	12.20	1.63	<0.50			<1.90	61.60	<1.00		<0.50	
03U121	01-May-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U121	18-Jul-90 F27	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U121	17-Sep-90 F28	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U124	08-Apr-88 F18	<1.00	13.60	3.28	<0.50			<1.90	57.00	<1.00		<0.50	
03U124	18-Aug-88 F19	<1.00	31.40	4.28	<0.50			<1.90	130.00	<1.00		<0.50	
03U124	27-Apr-90 F26	<1.00	0.56	<1.00	<0.50			<1.90	11.40	<1.00	<0.78	<0.50	<1.30
03U124	19-Jul-90 F27	<1.00	0.84	<1.00	<0.50			<1.90	7.21	<1.00	<0.78	<0.50	<1.30
03U124B	19-Jul-90 F27	<1.00	0.70	<1.00	<0.50			<1.90	10.50	<1.00	<0.78	<0.50	<1.30
03U129	08-Dec-87 F16	<0.88	2.49	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U129	07-Apr-88 F18	<1.00	1.44	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6					
03U111	07-Apr-88 F18	<0.72	<1.00			0.7	2000	440
03U111	11-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U111	17-Nov-88 F20	<0.72	<1.00					
03U112	20-Nov-87 F16	8.60	<1.60	<11.00	<4.50	<3.09	<3.39	<1.17
03U112	08-Apr-88 F18	19.60	<1.00			<0.41	<0.87	<8.28
03U112	16-Aug-88 F19	27.90	<1.00			<0.41	<0.87	<8.28
03U112	18-Nov-88 F20	17.70	<1.00			<0.41	3.69	<8.28
03U112	01-May-90 F26	40.30	<1.00	<1.00	<3.20	0.88	3.90	<8.28
03U112	18-Jul-90 F27	39.20	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U112	20-Sep-90 F28	41.30	<1.00	<1.00	<3.20			
03U113	18-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U113	06-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U113	09-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U113	18-Nov-88 F20	<0.72	<1.00			<0.41	4.06	<8.28
03U113	27-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	2.15	10.20	<8.28
03U113	18-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U114	23-Nov-87 F16	<20.00	<31.00	<220.00	<90.00	<3.09	<3.39	<1.17
03U114	11-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U114	09-Aug-88 F19	<7.20	<10.00			<0.41	<0.87	<8.28
03U114	16-Nov-88 F20	<14.00	<20.00			<8.20	20.00	<170.00
03U114	01-May-90 F26	<36.00	<50.00	<50.00	<160.00	<21.00	<44.00	<410.00
03U114	18-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U114	21-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U121	08-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U121	08-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U121	16-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U121	18-Nov-88 F20	<0.72	<1.00			<0.41	1.88	<8.28
03U121	01-May-90 F26	<0.72	<1.00	<1.00	<3.20	1.32	4.83	<8.28
03U121	18-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U121	17-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
03U124	08-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U124	18-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
03U124	27-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U124	19-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U124B	19-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U129	08-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U129	07-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2-Dichloro ethene C12DCE	Trans-1,2-Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U129	11-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U129	18-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U301	16-Mar-89 A21	<1.00	2755.00	11.00		225.00	4.70	<1.00	88.00	<1.00	7.60	<1.00	
03U301	20-Apr-89 A22	0.60	1100.00	18.00		160.00	1.10	<1.00	25.00	0.30	4.00	<0.20	
03U301	19-Jul-89 A23	<5.00	1100.00	18.00		160.00	<5.00	<25.00	61.00	<5.00	<5.00	<5.00	
03U301	24-Oct-89 A24	<40.00	3000.00	<40.00		200.00	<40.00	<200.00	120.00	<40.00	<40.00	<40.00	
03U301	18-Jan-90 A25	<10.00	1700.00	<10.00		160.00	<10.00	<50.00	99.00	<10.00	<10.00	<10.00	
03U301	08-May-90 A26	<0.50	57.00	<0.50		4.60	<0.50	<0.50	2.20	<0.50	<0.50	<0.50	
03U301	13-Jul-90 A27	<20.000	1200.00	8.20		99.00	<6.000	<30.000	62.00	<20.000	<4.000	<4.000	<0.50 <6.000
03U314	05-Jan-89 A21	<1.00	37000.00	850.00		4700.00	12.00	16.00	10500.00	19.00	3600.00	59.00	
03U314	16-Mar-89 A21	12.00	12000.00	370.00		1000.00	<100.00	<10.00	6200.00	11.00	950.00	<10.00	
03U314	20-Apr-89 A22	3.00	11000.00	630.00		610.00	2.40	3.50	3400.00	8.30	530.00	19.00	
03U314	19-Jul-89 A23	<40.00	8900.00	870.00		730.00	<40.00	<200.00	3500.00	<40.00	510.00	<40.00	
03U314	24-Oct-89 A24	<100.00	8600.00	<100.00		<100.00	<100.00	<500.00	3500.00	<100.00	<100.00	<100.00	
03U314	19-Jan-90 A25	<50.00	6500.00	190.00		540.00	<50.00	<250.00	2700.00	<50.00	410.00	<50.00	
03U314	08-May-90 A26	1.60	6500.00	350.00		340.00	1.40	<0.50	2200.00	4.80	300.00	8.40	
03U314	19-Jul-90 A27	<100.000	6300.00	300.00		460.00	<30.000	<150.000	2500.00	<100.000	360.00	<20.000	<0.50 <6.000
03U315	05-Jan-89 A21	<1.00	58.00	5.60		<1.00	<1.00	<1.00	65.00	<1.00	5.60	<1.00	
03U315	16-Mar-89 A21	<10.00	870.00	58.00		<10.00	<10.00	<10.00	610.00	<10.00	44.00	32.00	
03U315	20-Apr-89 A22	<0.20	1300.00	100.00		<0.20	<0.20	<1.00	490.00	<0.20	45.00	<0.20	
03U315	19-Jul-89 A23	<4.00	940.00	150.00		15.00	<4.00	<20.00	620.00	<4.00	51.00	<4.00	
03U315	24-Oct-89 A24	<10.00	1700.00	160.00		<10.00	<10.00	<50.00	890.00	<10.00	58.00	<10.00	
03U315	19-Jan-90 A25	<20.00	2100.00	75.00		37.00	<20.00	<100.00	1000.00	<20.00	95.00	<20.00	
03U315	08-May-90 A26	<0.50	2100.00	65.00		30.00	<0.50	<0.50	850.00	<0.50	64.00	<0.50	
03U315	13-Jul-90 A27	<20.000	2100.00	130.00		39.00	<6.000	<30.000	1100.00	<20.000	94.00	<4.000	<0.50 <6.000
03U316	05-Jan-89 A21	<1.00	<1.00	1.60		<1.00	<1.00	<1.00	14.00	<1.00	3.50	<1.00	
03U316	16-Mar-89 A21	<1.00	2.90	3.20		<1.00	<1.00	<1.00	31.00	<1.00	1.70	<1.00	
03U316	20-Apr-89 A22	<0.20	4.90	4.90		<0.20	<0.20	<1.00	28.00	<0.20	2.50	<0.20	
03U316	19-Jul-89 A23	<0.20	4.20	9.20		<0.20	<0.20	<1.00	29.00	<0.20	2.10	<0.20	
03U316	24-Oct-89 A24	<0.40	5.50	8.70		<0.40	<0.40	<2.00	35.00	<0.40	3.00	<0.40	
03U316	19-Jan-90 A25	<0.20	10.00	6.10		<0.20	<0.20	<1.00	29.00	<0.20	5.00	<0.20	
03U316	08-May-90 A26	<0.50	12.00	4.20		<0.50	<0.50	<0.50	32.00	<0.50	2.70	<0.50	
03U316	13-Jul-90 A27	<1.000	14.00	7.40		<0.500	<0.300	<1.500	38.00	<1.000	4.40	<0.200	<0.50 0.90
03U317	05-Jan-89 A21	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
03U317	16-Mar-89 A21	<10.00	3200.00	66.00		19.00	<10.00	<10.00	1100.00	<10.00	19.00	24.00	
03U317	20-Apr-89 A22	13.00	13000.00	660.00		27.00	<0.20	<1.00	2800.00	<0.20	27.00	4.20	
03U317	19-Jul-89 A23	<20.00	12000.00	1200.00		66.00	<20.00	<100.00	5800.00	<20.00	47.00	<20.00	
03U317	25-Oct-89 A24	<200.00	19000.00	760.00		<200.00	<200.00	<1000.00	7000.00	<200.00	<200.00	<200.00	
03U317	19-Jan-90 A25	<200.00	21000.00	<200.00		<200.00	<200.00	<1000.00	7300.00	<200.00	<200.00	<200.00	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03U129	11-Aug-88 F19	<0.72	<1.00					
03U129	18-Nov-88 F20	<0.72	<1.00					
03U301	16-Mar-89 A21	<5.00						
03U301	20-Apr-89 A22	0.40						
03U301	19-Jul-89 A23	<5.00						
03U301	24-Oct-89 A24	<40.00						
03U301	18-Jan-90 A25	<10.00						
03U301	08-May-90 A26	<0.50	<0.50		0.90			
03U301	13-Jul-90 A27	<10.000	<4.000		<20.000			
03U314	05-Jan-89 A21	10.00						
03U314	16-Mar-89 A21	<10.00						
03U314	20-Apr-89 A22	1.70						
03U314	19-Jul-89 A23	<40.00						
03U314	24-Oct-89 A24	<100.00						
03U314	19-Jan-90 A25	<50.00						
03U314	08-May-90 A26	3.30	<0.50		3.60			
03U314	19-Jul-90 A27	<50.000						
03U315	05-Jan-89 A21	<1.00						
03U315	16-Mar-89 A21	11.00						
03U315	20-Apr-89 A22	0.90						
03U315	19-Jul-89 A23	<4.00						
03U315	24-Oct-89 A24	<10.00						
03U315	19-Jan-90 A25	<20.00						
03U315	08-May-90 A26	0.80	<0.50		1.30			
03U315	13-Jul-90 A27	<10.000	<4.000		29.00			
03U316	05-Jan-89 A21	1.30						
03U316	16-Mar-89 A21	<1.00						
03U316	20-Apr-89 A22	1.70						
03U316	19-Jul-89 A23	2.00						
03U316	24-Oct-89 A24	0.90						
03U316	19-Jan-90 A25	2.80						
03U316	08-May-90 A26	2.60	<0.50		<0.50			
03U316	13-Jul-90 A27	4.20	<0.200		1.00			
03U317	05-Jan-89 A21	<1.00						
03U317	16-Mar-89 A21	<10.00						
03U317	20-Apr-89 A22	1.30						
03U317	19-Jul-89 A23	<20.00						
03U317	25-Oct-89 A24	<200.00						
03U317	19-Jan-90 A25	<200.00						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U317	08-May-90 A26	18.00	18000.00	210.00		60.00	<0.50	<0.50	5200.00	9.80	53.00	10.00	<0.50
03U317	13-Jul-90 A27	<200.000	15000.00	720.00		100.00	<60.000	<300.000	7500.00	<200.000	70.00	<40.000	<60.000
03U521	20-Nov-87 F16	<0.88	2.70	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U521	11-Apr-88 F18	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U521	24-Aug-88 F19	<1.00	1.66	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U521	18-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U521	25-Apr-90 F26	<1.00	0.91	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U658	27-Jul-88 A19	<0.20	0.25	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U658	13-Oct-89 A24	<0.20	7.20	<0.20		<0.20	<0.20	<1.00	0.90	<0.20	<0.20	<0.20	
03U658	02-May-90 A26	<0.50	7.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03U659	25-Oct-89 A24	<20.00	3600.00	43.00		370.00	<20.00	<100.00	280.00	<20.00	<20.00	<20.00	
03U659	07-May-90 A26	<0.50	950.00	8.90		55.00	0.70	<0.50	65.00	<0.50	2.90	<0.50	<0.50
03U671	04-Dec-87 F16	15.00	280.00	<10.00	<11.00			<30.00	30.00	<20.00	<14.00	<10.00	<22.00
03U671	22-Jan-88 A17	47.00	341.00	12.00		10.50	<0.20	<0.20	60.00	<0.20	2.10	<0.20	
03U671	13-May-88 A18	18.00	266.00	8.70		6.40	<0.20	<0.20	40.00	0.47	2.60	<0.20	
03U671	08-Aug-88 A19	40.00	540.00	12.00		11.00	<0.20	<0.20	82.00	0.25	2.80	<0.20	
03U671	22-Aug-88 F19	29.00	230.00	9.20	13.00			<9.50	50.00	<5.00		<2.50	
03U671	26-Oct-88 A20	15.00	205.00	4.60		4.20	<0.50	<0.50	30.00	<0.50	1.90	<1.00	
03U671	16-Oct-89 A24	6.30	130.00	3.80		<1.00	<1.00	<5.00	17.00	<1.00	<1.00	<1.00	
03U671	23-Apr-90 A26	6.00	230.00	2.80		0.90	<0.50	<0.50	9.40	1.20	<0.50	<0.50	<0.50
03U672	13-Nov-87 A16	<0.20	0.30	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U672	14-Jan-88 A17	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U672	18-May-88 A18	<0.20	92.00	<0.20		0.25	<0.20	<0.20	9.40	<0.20	<0.20	<0.20	
03U672	27-Jul-88 A19	<0.20	5.70	<0.20		<0.20	<0.20	<0.20	0.52	<0.20	0.21	<0.20	
03U672	28-Oct-88 A20	<0.50	0.91	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	
03U672	19-Apr-89 A22	<0.20	1.10	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03U672	12-Jul-89 A23	<0.20	1.80	0.90		<0.20	<0.20	<1.00	0.30	<0.20	<0.20	<0.20	
03U672	18-Oct-89 A24	<0.20	0.30	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03U672	18-Jan-90 A25	<0.20	0.30	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03U672	02-May-90 A26	<0.50	11.00	<0.50		0.60	<0.50	<0.50	2.90	<0.50	<0.50	<0.50	
03U672	18-Jul-90 A27	<1.000	2.10	<0.300		<0.500	<0.50	<1.500	0.60	<1.000	<0.200	<0.200	<0.50
03U673	13-Nov-87 A16	<0.20	0.30	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U676	03-Nov-87 A16	5.30	220.00	<1.50		160.00	<1.50	<2.50	74.00	<5.00	11.00	<1.00	
03U701	20-Jan-88 A17	15.00	1200.00	86.20		20.00	<0.20	<0.20	258.00	0.67	90.20	0.49	
03U701	12-May-88 A18	13.00	635.00	15.00		6.60	<0.20	<0.20	334.00	0.31	10.00	0.72	
03U701	02-Aug-88 A19	20.00	1220.00	16.00		16.00	<0.20	<0.20	499.00	0.57	23.00	<0.20	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6					
03U317	08-May-90 A26	5.90	<0.50		15.00	0.7	2000	440
03U317	13-Jul-90 A27	<100.000	<40.000		720.00			
03U521	20-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U521	11-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U521	24-Aug-88 F19	<0.72	<1.00					
03U521	18-Nov-88 F20	<0.72	<1.00					
03U521	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U658	27-Jul-88 A19	<0.20						
03U658	13-Oct-89 A24	<0.20						
03U658	02-May-90 A26	<0.50	<0.50		<0.50			
03U659	25-Oct-89 A24	<20.00						
03U659	07-May-90 A26	<0.50	<0.50		<0.50			
03U671	04-Dec-87 F16	<8.20	<12.00	<90.00	<36.00			
03U671	22-Jan-88 A17	12.80						
03U671	13-May-88 A18	4.00						
03U671	08-Aug-88 A19	5.80						
03U671	22-Aug-88 F19	11.00	<5.00					
03U671	26-Oct-88 A20	3.10				<2.10	<4.40	<41.00
03U671	16-Oct-89 A24	<1.00						
03U671	23-Apr-90 A26	1.60	<0.50		<0.50			
03U672	13-Nov-87 A16	<0.20						
03U672	14-Jan-88 A17	<0.20						
03U672	18-May-88 A18	<0.20						
03U672	27-Jul-88 A19	<0.20						
03U672	28-Oct-88 A20	<0.50						
03U672	19-Apr-89 A22	<0.20						
03U672	12-Jul-89 A23	<0.20						
03U672	18-Oct-89 A24	<0.20						
03U672	18-Jan-90 A25	<0.20						
03U672	02-May-90 A26	<0.50	<0.50		<0.50			
03U672	18-Jul-90 A27	<0.500						
03U673	13-Nov-87 A16	<0.20						
03U676	03-Nov-87 A16	<2.50						
03U701	20-Jan-88 A17	258.00						
03U701	12-May-88 A18	0.48						
03U701	02-Aug-88 A19	<0.20						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2-Dichloro ethene C12DCE	Trans-1,2-Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA													
		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U701	21-Oct-88 A20	11.00	500.00	10.00		12.00	<0.50	<0.50	110.00	<0.50	20.00	<1.00	
03U701	17-Oct-89 A24	5.40	190.00	25.00		<2.00	<2.00	<10.00	130.00	<2.00	<2.00	<2.00	
03U701	26-Apr-90 A26	<0.50	160.00	29.00		0.60	<0.50	<0.50	100.00	<0.50	0.70	<0.50	<0.50
03U702	20-Jan-88 A17	0.80	170.00	20.00		0.40	<0.20	<0.20	143.00	<0.20	<0.20	<0.20	<0.50
03U702	13-May-88 A18	0.54	120.00	6.90		<0.20	<0.20	<0.20	120.00	<0.20	<0.20	<0.20	
03U702	08-Aug-88 A19	0.85	365.00	10.00		0.55	<0.20	<0.20	164.00	<0.20	<0.20	1.20	
03U702	25-Oct-88 A20	<0.50	80.00	5.70		<0.50	<0.50	<0.50	45.00	<0.50	0.86	<1.00	
03U702	13-Oct-89 A24	<0.20	36.00	9.00		<0.20	<0.20	<1.00	27.00	<0.20	0.60	<0.20	
03U702	26-Apr-90 A26	<0.50	28.00	<0.50		<0.50	<0.50	<0.50	7.60	<0.50	1.00	<0.50	<0.50
03U703	15-Jan-88 A17	30.00	1130.00	57.00		102.00	<2.00	<2.00	24.00	<2.00	66.00	<2.00	<0.50
03U703	16-May-88 A18	5.90	840.00	30.00		52.00	1.10	<0.20	60.00	<0.20	49.00	<0.20	
03U703	04-Aug-88 A19	5.80	632.00	31.00		100.00	0.65	<0.20	81.00	0.43	45.00	<0.20	
03U703	24-Oct-88 A20	3.30	4500.00	25.00		257.00	<0.50	<0.50	25.00	0.55	<1.00	<1.00	
03U703	12-Oct-89 A24	<10.00	900.00	<10.00		57.00	<10.00	<50.00	19.00	<10.00	<10.00	<10.00	
03U703	02-May-90 A26	3.20	5500.00	34.00		180.00	1.10	<0.50	43.00	1.80	39.00	<0.50	<0.50
03U704	10-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U704	25-Jan-88 A17	<0.20	1.50	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U704	05-Apr-88 F18	<1.00	4.36	<1.00	<0.50			<1.90	<1.00	<1.00	<0.20	<0.50	
03U704	17-May-88 A18	<0.20	3.90	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U704	29-Jul-88 A19	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U704	08-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<0.20	<0.20	<0.20	<0.20	<0.20	
03U704	27-Oct-88 A20	<0.50	3.30	<0.50		<0.50	<0.50	<1.90	<1.00	<1.00	<0.20	<0.50	
03U704	16-Nov-88 F20	<1.00	1.09	<1.00	<0.50			<0.50	<0.50	<0.50	<1.00	<1.00	
03U704	20-Apr-89 A22	<0.20	6.90	<0.20		<0.20	<0.20	<1.90	<1.00	<1.00	<0.20	<0.50	
03U704	19-Jul-89 A23	<0.20	3.70	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03U704	20-Oct-89 A24	<0.20	38.00	0.30		<0.20	<0.20	<1.00	0.30	<0.20	<0.20	<0.20	
03U704	17-Jan-90 A25	<0.20	9.60	<0.20		0.40	<0.20	<1.00	2.90	<0.20	<0.20	<0.20	
03U704	30-Jan-90 A25	<0.20	3.10	<0.20		<0.20	<0.20	<1.00	3.10	<0.20	<0.20	<0.20	
03U704	27-Apr-90 F26	<1.00	0.65	<1.00	<0.50			<1.00	2.60	<0.20	<0.20	<0.20	
03U704	19-Jul-90 A27	<1.000	0.80	<0.300		<0.500	<0.300	<1.500	<1.00	<1.00	<0.78	<0.50	<1.30
03U705	25-Jan-88 A17	<0.20	14.00	<0.20		0.42	<0.20	<0.20	3.10	<0.20	<0.20	0.27	
03U705	17-May-88 A18	<0.20	2.00	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	1.20	
03U705	08-Aug-88 A19	<0.20	26.00	<0.20		0.42	<0.20	<0.20	2.60	<0.20	<0.20	<0.20	
03U705	12-Oct-89 A24	<0.40	71.00	2.20		<0.40	<0.40	<2.00	14.00	<0.40	<0.40	<0.40	
03U705	24-Apr-90 F26	<1.00	1.57	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U705	19-Jul-90 F27	<1.00	1.00	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U705	21-Sep-90 F28	<1.00	2.53	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U706	25-Jan-88 A17	<0.20	0.50	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<1.30
03U706	10-May-88 A18	<0.20	3.17	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<1.30

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

7/26/91

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAAP GW CRITERIA		0.19	6			0.7	2000	440
03U701	21-Oct-88 A20	1.50						
03U701	17-Oct-89 A24	<2.00						
03U701	26-Apr-90 A26	<0.50	<0.50		<0.50			
03U702	20-Jan-88 A17	<0.20						
03U702	13-May-88 A18	<0.20						
03U702	08-Aug-88 A19	0.70						
03U702	25-Oct-88 A20	<0.50						
03U702	13-Oct-89 A24	<0.20						
03U702	26-Apr-90 A26	<0.50	<0.50		<0.50			
03U703	15-Jan-88 A17	<2.00						
03U703	16-May-88 A18	<0.20						
03U703	04-Aug-88 A19	2.50						
03U703	24-Oct-88 A20	14.00						
03U703	12-Oct-89 A24	<10.00						
03U703	02-May-90 A26	1.60	<0.50		<0.50			
03U704	10-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
03U704	25-Jan-88 A17	<0.20						
03U704	05-Apr-88 F18	<0.72	<1.00			<0.41	<0.87	<8.28
03U704	17-May-88 A18	<0.20						
03U704	29-Jul-88 A19	<0.20						
03U704	08-Aug-88 F19	<0.72	<1.00					
03U704	27-Oct-88 A20	<0.50						
03U704	16-Nov-88 F20	<0.72	<1.00					
03U704	20-Apr-89 A22	<0.20						
03U704	19-Jul-89 A23	<0.20						
03U704	20-Oct-89 A24	<0.20						
03U704	17-Jan-90 A25	<0.20						
03U704	30-Jan-90 A25	<0.20						
03U704	27-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U704	19-Jul-90 A27	<0.500						
03U705	25-Jan-88 A17	<0.20						
03U705	17-May-88 A18	<0.20						
03U705	08-Aug-88 A19	<0.20						
03U705	12-Oct-89 A24	<0.40						
03U705	24-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U705	19-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
03U705	21-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
03U706	25-Jan-88 A17	1.10						
03U706	10-May-88 A18	<0.20						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U706	29-Jul-88 A19	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U706	25-Oct-88 A20	<0.50	1.00	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	
03U706	12-Oct-89 A24	<0.20	2.40	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03U706	30-Jan-90 A25	<0.20	<0.20	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03U706	02-May-90 A26	<0.50	4.20	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03U707	25-Jan-88 A17	<0.20	0.28	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U707	17-May-88 A18	<0.20	1.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U707	29-Jul-88 A19	<0.20	0.23	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U707	25-Oct-88 A20	<0.50	5.30	<0.50		<0.50	<0.50	<0.50	0.80	<0.50	1.00	<1.00	
03U707	20-Oct-89 A24	<0.20	13.00	<0.20		<0.20	<0.20	<1.00	1.10	<0.20	<0.20	<0.20	
03U707	30-Jan-90 A25	<0.20	4.80	<0.20		<0.20	<0.20	<1.00	0.40	<0.20	<0.20	<0.20	
03U707	02-May-90 A26	<0.50	2.60	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03U708	22-Jan-88 A17	21.00	72.00	2.70		0.78	<0.20	<0.20	11.00	<0.20	0.51	<0.20	
03U708	10-May-88 A18	12.00	38.00	2.10		7.60	<0.20	<0.20	10.00	<0.20	2.00	<0.20	
03U708	04-Aug-88 A19	44.00	152.00	7.40		15.00	<0.20	<0.20	36.00	<0.20	0.94	<0.20	
03U708	24-Oct-88 A20	6.10	125.00	2.40		12.40	<0.50	<0.50	20.00	<0.50	1.40	<1.00	
03U708	31-Oct-88 A20	33.00	145.00	5.50		16.00	<0.50	<0.50	42.00	<0.50	0.98	<1.00	
03U708	12-Oct-89 A24	14.00	57.00	3.00		7.20	<0.40	<2.00	10.00	<0.40	1.30	<0.40	
03U708	24-Apr-90 A26	20.00	120.00	1.40		27.00	<0.50	<0.50	16.00	<0.50	<0.50	<0.50	<0.50
03U709	22-Jan-88 A17	11.80	420.00	<0.20		0.32	<0.20	<0.20	2.30	<0.20	<0.20	<0.20	
03U709	12-May-88 A18	7.30	270.00	<0.20		<0.20	<0.20	<0.20	3.40	2.00	<0.20	<0.20	
03U709	08-Aug-88 A19	9.40	440.00	<0.20		1.10	<0.20	<0.20	4.00	3.20	<0.20	<0.20	
03U709	26-Oct-88 A20	7.60	225.00	<0.50		<0.50	<0.50	<0.50	7.10	3.40	<1.00	<1.00	
03U709	17-Oct-89 A24	5.80	140.00	4.40		<1.00	<1.00	<5.00	22.00	13.00	<1.00	<1.00	
03U709	30-Apr-90 A26	2.90	120.00	3.50		<0.50	<0.50	<0.50	69.00	19.00	1.40	<0.50	<0.50
03U710	14-Jan-88 A17	<0.20	1780.00	23.00		47.00	<0.20	<0.20	34.00	<0.20	26.00	<0.20	
03U710	18-May-88 A18	<0.20	2920.00	50.00		66.00	0.36	<0.20	130.00	1.90	42.00	1.70	
03U710	03-Aug-88 A19	<0.20	3340.00	18.00		68.00	0.62	<0.20	216.00	2.80	38.00	4.40	
03U710	26-Oct-88 A20	<0.50	1440.00	25.00		48.00	3.60	<0.50	120.00	1.50	31.00	4.10	
03U710	25-Oct-89 A24	<10.00	1100.00	40.00		24.00	<10.00	<50.00	90.00	<10.00	21.00	<10.00	
03U710	02-May-90 A26	<0.50	850.00	32.00		29.00	<0.50	<0.50	85.00	2.20	25.00	1.70	<0.50
03U711	19-Apr-89 A22	17.00	23.00	<2.00		6.20	<0.20	<1.00	6.70	<0.20	0.50	<0.20	
03U711	12-Jul-89 A23	26.00	28.00	3.30		7.90	<0.20	<1.00	6.50	<0.20	0.90	<0.20	
03U711	18-Oct-89 A24	31.00	45.00	2.50		7.60	<0.20	<1.00	9.80	<0.20	0.50	<0.20	
03U711	17-Jan-90 A25	22.00	25.00	1.50		7.00	<0.20	<1.00	5.30	<0.20	0.70	<0.20	
03U711	01-May-90 A26	<0.50	26.00	1.50		5.30	<0.50	<0.50	4.50	<0.50	<0.50	<0.50	0.80
03U711	20-Jul-90 A27	19.00	19.00	1.60		5.70	<0.300	<1.500	4.60	<1.000	0.70	<0.200	
03U711B	20-Jul-90 A27	18.00	20.00	1.80		5.20	<0.300	<1.500	4.40	<1.000	0.60	<0.200	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAAP GW CRITERIA		0.19	6			0.7	2000	440
03U706	29-Jul-88 A19	<0.20						
03U706	25-Oct-88 A20	<0.50						
03U706	12-Oct-89 A24	<0.20						
03U706	30-Jan-90 A25	<0.20						
03U706	02-May-90 A26	<0.50	<0.50		<0.50			
03U707	25-Jan-88 A17	<0.20						
03U707	17-May-88 A18	<0.20						
03U707	29-Jul-88 A19	<0.20						
03U707	25-Oct-88 A20	<0.50						
03U707	20-Oct-89 A24	<0.20						
03U707	30-Jan-90 A25	<0.20						
03U707	02-May-90 A26	<0.50	<0.50		<0.50			
03U708	22-Jan-88 A17	13.00						
03U708	10-May-88 A18	7.30						
03U708	04-Aug-88 A19	6.70						
03U708	24-Oct-88 A20	4.70						
03U708	31-Oct-88 A20	6.90						
03U708	12-Oct-89 A24	3.10						
03U708	24-Apr-90 A26	3.00	<0.50		<0.50			
03U709	22-Jan-88 A17	1.60						
03U709	12-May-88 A18	1.50						
03U709	08-Aug-88 A19	1.30						
03U709	26-Oct-88 A20	<1.70						
03U709	17-Oct-89 A24	<1.00						
03U709	30-Apr-90 A26	1.30	<0.50		<0.50			
03U710	14-Jan-88 A17	<0.20						
03U710	18-May-88 A18	<0.20						
03U710	03-Aug-88 A19	<0.20						
03U710	26-Oct-88 A20	3.10						
03U710	25-Oct-89 A24	<10.00						
03U710	02-May-90 A26	1.00	<0.50		<0.50			
03U711	19-Apr-89 A22	11.00						
03U711	12-Jul-89 A23	11.00						
03U711	18-Oct-89 A24	9.70						
03U711	17-Jan-90 A25	9.40						
03U711	01-May-90 A26	7.50	<0.50		<0.50			
03U711	20-Jul-90 A27	6.30						
03U711B	20-Jul-90 A27	7.10						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U801	03-Dec-87 F16	<180.00	4800.00	<100.00	<110.00			<300.00	<160.00	<200.00	<140.00	<100.00	<220.00
03U801	02-May-90 A26	<0.50	1600.00	2.50		50.00	<0.50	<0.50	3.70	<0.50	2.50	<0.50	<0.50
03U803	01-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.11
03U803	28-Oct-88 A20	<0.50	1.60	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	
03U804	01-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U804	21-Jan-88 A17	<0.20	2.40	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<1.10
03U804	13-May-88 A18	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U804	04-Aug-88 A19	<0.20	3.70	<0.20		<0.20	<0.20	<0.20	0.55	<0.20	<0.20	<0.20	
03U804	17-Oct-89 A24	<0.20	8.20	0.20		<0.20	<0.20	<1.00	1.40	<0.20	<0.20	<0.20	
03U804	04-May-90 A26	<0.50	0.80	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03U805	01-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U805	21-Jan-88 A17	<0.20	0.30	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<1.10
03U805	13-May-88 A18	<0.20	0.65	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
03U805	09-Aug-88 A19	<0.20	1.40	<0.20		<0.20	<0.20	<0.20	0.36	<0.20	<0.20	<0.20	
03U805	01-Nov-88 A20	<0.50	1.60	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	
03U805	18-Oct-89 A24	<0.20	0.60	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
03U805	02-May-90 A26	<0.50	1.10	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
03U806	02-Dec-87 F16	<0.88	<1.10	2.88	<0.56			<1.50	18.60	<0.99	15.50	<0.51	<1.10
03U806	23-Apr-90 A26	<0.50	370.00	160.00		9.10	<0.50	<0.50	120.00	3.20	260.00	<0.50	<0.50
03U811	25-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U811	04-May-89 F22	<1.00	<0.50	5.50	<0.50			<1.90	14.90	<1.00		<0.50	<1.10
03U811	24-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.51	<0.51	
03U811	20-Oct-89 F24	<0.88	4.18	0.74	<0.56			<1.50	1.01	<0.99	<0.51	<0.51	
03U811	26-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U821	30-Nov-87 F16	<88.00	1300.00	<49.00	<56.00			<150.00	230.00	<99.00	<72.00	<51.00	<110.00
03U821	10-May-89 F22	<5.00	210.00	17.00	9.20			<9.50	62.00	<5.00		<2.50	
03U821	25-Jul-89 F23	<44.00	950.00	<24.00	<28.00			140.00	140.00	<50.00		<26.00	
03U821	24-Oct-89 F24	<44.00	380.00	39.00	59.00			<75.00	66.00	<50.00		<26.00	
03U821	01-May-90 F26	1.23	790.00	21.00	4.34			<1.90	150.00	<1.00	15.50	0.79	<1.30
03U821	23-Jul-90 F27	<1.00	510.00	17.00	3.13			<1.90	83.00	<1.00	11.70	0.54	<1.30
03U822	01-Dec-87 F16	<0.88	1.65	0.62	<0.56			<1.50	19.70	<0.99	2.90	<0.51	<1.10
03U822	05-May-89 F22	<1.00	<0.50	2.77	<0.50			<1.90	14.30	<1.00		<0.50	<1.10
03U822	24-Jul-89 F23	<0.88	<1.10	1.66	<0.56			<1.50	10.50	<0.99		<0.51	
03U822	23-Oct-89 F24	<0.88	1.40	2.03	1.46			<1.50	6.29	<0.99		<0.51	
03U822	25-Apr-90 F26	<1.00	<0.50	4.52	1.12			<1.90	17.70	<1.00	10.90	<0.50	<1.30

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
03U801	03-Dec-87 F16	<82.00	<120.00	<900.00	<360.00			
03U801	02-May-90 A26	0.70	<0.50		<0.50			
03U803	01-Dec-87 F16	<0.41	<0.62	<4.50	<1.80			
03U803	28-Oct-88 A20	<0.50						
03U804	01-Dec-87 F16	<0.41	<0.62	<4.50	<1.80			
03U804	21-Jan-88 A17	<0.20						
03U804	13-May-88 A18	<0.20						
03U804	04-Aug-88 A19	<0.20						
03U804	17-Oct-89 A24	<0.20						
03U804	04-May-90 A26	<0.50	<0.50		<0.50			
03U805	01-Dec-87 F16	<0.41	<0.62	<4.50	<1.80			
03U805	21-Jan-88 A17	<0.20						
03U805	13-May-88 A18	<0.20						
03U805	09-Aug-88 A19	0.32						
03U805	01-Nov-88 A20	<0.50						
03U805	18-Oct-89 A24	<0.20						
03U805	02-May-90 A26	<0.50	<0.50		<0.50			
03U806	02-Dec-87 F16	<0.41	<0.62	<4.50	<1.80			
03U806	23-Apr-90 A26	1.10	<0.50		<0.50			
03U811	25-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
03U811	04-May-89 F22	<0.72	<1.00			<0.41	1.18	<8.28
03U811	24-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03U811	20-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03U811	26-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U821	30-Nov-87 F16	<41.00	<62.00	<450.00	<180.00			
03U821	10-May-89 F22	<3.60	<5.00			<2.10	<4.40	<41.00
03U821	25-Jul-89 F23	<20.00	<31.00			<150.00	1100.00	<58.00
03U821	24-Oct-89 F24	<20.00	<31.00			<150.00	<170.00	<58.00
03U821	01-May-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U821	23-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
03U822	01-Dec-87 F16	<0.41	<0.62	<4.50	<1.80			
03U822	05-May-89 F22	<0.72	<1.00			0.48	3.10	<8.28
03U822	24-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03U822	23-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03U822	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
03U824	01-Dec-87 F16	<88.00	1300.00	<49.00	<56.00			<150.00	260.00	<99.00	<72.00	<51.00	<110.00
03U831	25-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U831	10-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U831	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03U831	24-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03U831	24-Oct-89 F24	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U831	25-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
03U832	24-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
03U832	09-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
03U832	24-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03U832	24-Oct-89 F24	<0.88	1.78	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
03U832	25-Apr-90 F26	<1.00	0.71	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04J077	11-Oct-89 A24	<2.00	220.00	19.00		<2.00	<2.00	<10.00	71.00	<2.00	18.00	<2.00	
04J077	24-Apr-90 A26	<0.50	650.00	66.00		10.00	<0.50	<0.50	200.00	<0.50	82.00	<0.50	0.90
04J702	13-Oct-89 A24	<0.20	30.00	2.90		<0.20	<0.20	<1.00	10.00	<0.20	2.80	<0.20	
04J702	26-Apr-90 A26	<0.50	110.00	8.40		0.60	<0.50	<0.50	25.00	<0.50	3.20	<0.50	<0.50
04J708	04-Jan-89 A21	<1.00	3.30	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04J708	12-Oct-89 A24	<0.20	1.60	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
04J708	24-Apr-90 A26	<0.50	3.00	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
04J713	04-Jan-89 A21	<1.00	42.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04J713	13-Oct-89 A24	<0.20	9.60	0.60		<0.20	<0.20	<1.00	2.60	<0.20	0.70	<0.20	
04J713	30-Apr-90 A26	<0.50	11.00	<0.50		<0.50	<0.50	<0.50	2.00	<0.50	<0.50	<0.50	<0.50
04J714	04-Jan-89 A21	<1.00	6.10	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04J714	18-Apr-89 A22	<0.20	12.00	<1.00		<0.20	<0.20	<1.00	1.50	<0.20	0.40	<0.20	
04J714	11-Jul-89 A23	<0.20	9.30	1.00		0.20	<0.20	<1.00	2.30	<0.20	1.10	<0.20	
04J714	13-Oct-89 A24	<0.20	5.00	<0.20		<0.20	<0.20	<1.00	1.20	<0.20	0.50	<0.20	
04J714	17-Jan-90 A25	<0.20	17.00	0.40		<0.20	<0.20	<1.00	3.70	<0.20	0.30	<0.20	
04J714	30-Apr-90 A26	<0.50	11.00	<0.50		<0.50	<0.50	<0.50	2.80	<0.50	<0.50	<0.50	<0.50
04J714	19-Jul-90 A27	<1.000	12.00	0.50		<0.500	<0.300	<1.500	2.60	<1.000	0.40	<0.200	
04U001	16-Nov-87 F16												
04U001	13-Jan-88 A17	<0.20	6.90	<0.20		<0.20	<0.20	<0.20	2.80	<0.20	<0.20	<0.20	
04U001	11-May-88 A18	<0.20	11.00	<0.20		<0.20	<0.20	<0.20	5.80	<0.20	<0.20	<0.20	
04U001	29-Jul-88 A19	<0.20	9.30	<0.20		<0.20	<0.20	<0.20	5.40	<0.20	<0.20	<0.20	
04U001	23-Aug-88 F19	<1.00	13.20	<1.00	<0.50			<1.90	5.63	<1.00		<0.50	
04U001	20-Oct-88 A20	<0.50	9.40	<0.50		<0.50	<1.00	<0.50	3.90	<0.50	<1.00	<1.00	
04U001	18-Apr-89 A22	<0.20	4.20	<0.20		<0.20	<0.20	<1.00	0.50	<0.20	0.20	<0.20	
04U001	11-Jul-89 A23	<0.20	11.00	1.40		<0.20	<0.20	<1.00	4.00	<0.20	0.40	<0.20	

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6					
03U824	01-Dec-87 F16	<41.00	<62.00	<450.00	<180.00	0.7	2000	440
03U831	25-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
03U831	10-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
03U831	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	1.43
03U831	24-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03U831	24-Oct-89 F24	<0.72	<1.00	<1.00	<3.20			
03U831	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
03U832	24-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
03U832	09-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
03U832	24-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
03U832	24-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
03U832	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04J077	11-Oct-89 A24	<2.00						
04J077	24-Apr-90 A26	<0.50	<0.50		<0.50			
04J702	13-Oct-89 A24	<0.20						
04J702	26-Apr-90 A26	<0.50	<0.50		<0.50			
04J708	04-Jan-89 A21	<1.00						
04J708	12-Oct-89 A24	<0.20						
04J708	24-Apr-90 A26	<0.50	<0.50		<0.50			
04J713	04-Jan-89 A21	<1.00						
04J713	13-Oct-89 A24	<0.20						
04J713	30-Apr-90 A26	<0.50	<0.50		<0.50			
04J714	04-Jan-89 A21	<1.00						
04J714	18-Apr-89 A22	<0.20						
04J714	11-Jul-89 A23	<0.20						
04J714	13-Oct-89 A24	<0.20						
04J714	17-Jan-90 A25	<0.20						
04J714	30-Apr-90 A26	<0.50	<0.50		<0.50			
04J714	19-Jul-90 A27	<0.500						
04U001	16-Nov-87 F16					<3.09	<3.39	<1.17
04U001	13-Jan-88 A17	<0.20						
04U001	11-May-88 A18	<0.20						
04U001	29-Jul-88 A19	<0.20						
04U001	23-Aug-88 F19	<0.72	<1.00					
04U001	20-Oct-88 A20	<0.50						
04U001	18-Apr-89 A22	<0.20						
04U001	11-Jul-89 A23	<0.20						

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2-Dichloro ethene C12DCE	Trans-1,2-Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
04U001	11-Oct-89 A24	<0.20	2.50	<0.20		<0.20	<0.20	<1.00	0.70	<0.20	<0.20	<0.20	
04U001	16-Jan-90 A25	<0.20	1.20	<0.20		<0.20	<0.20	<1.00	0.30	<0.20	<0.20	<0.20	
04U001	27-Apr-90 A26	<0.50	6.70	<0.50		<0.50	<0.50	<0.50	1.60	<0.50	<0.50	<0.50	<0.50
04U001	19-Jul-90 A27	<1.000	6.50	0.30		<0.500	<0.300	<1.500	1.90	<1.000	0.20	<0.200	
04U002	17-Nov-87 F16	<4.40	43.00	<2.40	<2.80			<7.50	8.10	<5.00	<3.60	<2.60	<5.50
04U002	18-Jan-88 A17	<0.20	220.00	8.40		4.00	<0.20	<0.20	56.40	<0.20	8.60	<0.20	
04U002	10-May-88 A18	<0.20	179.00	4.60		2.40	<0.20	<0.20	41.00	<0.20	6.80	<0.20	
04U002	04-Aug-88 A19	<0.20	108.00	1.00		2.10	<0.20	<0.20	25.00	<0.20	4.80	0.48	
04U002	24-Oct-88 A20	<0.50	185.00	4.50		5.10	<0.50	<0.50	<0.50	<0.50	11.00	0.07	
04U002	12-Oct-89 A24	<1.00	110.00	5.10		28.00	<1.00	<5.00	31.00	<1.00	4.20	<1.00	
04U002	27-Apr-90 A26	<0.50	180.00	3.60		12.00	<0.50	<0.50	34.00	<0.50	3.50	<0.50	<0.50
04U003	19-Nov-87 F16	<0.88	1.66	<0.49	<0.56			<1.50	1.11	<0.99	<0.72	<0.51	<1.10
04U003	21-Jan-88 A17	<0.20	0.81	<0.20		<0.20	<0.20	<0.20	0.20	<0.20	<0.20	<0.20	
04U003	16-May-88 A18	<0.20	2.90	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U003	27-Jul-88 A19	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U003	26-Oct-88 A20	<0.50	4.70	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	
04U003	12-Jul-89 A23	<0.20	0.40	0.30		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
04U003	17-Oct-89 A24	<0.20	0.70	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
04U003	17-Jan-90 A25	<0.20	2.80	<0.20		<0.20	<0.20	<1.00	0.70	<0.20	<0.20	<0.20	
04U003	23-Apr-90 A26	<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
04U003	18-Jul-90 A27	<1.000	<0.500	<0.300		<0.500	<0.300	<1.500	<0.500	<1.000	<0.200	<0.200	
04U007	09-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
04U007	10-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
04U007	23-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U012	09-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
04U012	11-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
04U020	07-Dec-87 F16	<88.00	1500.00	<49.00	<56.00			<150.00	210.00	<99.00	130.00	<51.00	<110.00
04U020	19-Jan-88 A17	<0.20	1525.00	100.00		45.00	<0.20	0.90	295.00	0.51	203.00	1.80	
04U020	11-May-88 A18	<0.20	946.00	30.00		19.00	<0.20	<0.20	294.00	0.34	193.00	1.60	
04U020	01-Aug-88 A19	<0.20	1235.00	32.00		42.00	<0.20	<0.20	314.00	<0.20	190.00	1.20	
04U020	17-Aug-88 F19	<10.00	710.00	67.00	84.00			<19.00	130.00	<10.00		<5.00	
04U020	25-Oct-88 A20	<0.50	460.00	29.00		19.00	<0.50	<0.50	240.00	<0.50	13.00	1.10	
04U020	11-Oct-89 A24	<4.00	550.00	26.00		13.00	<4.00	<20.00	81.00	<4.00	88.00	<4.00	
04U020	25-Apr-90 A26	<0.50	360.00	21.00		11.00	<0.50	<0.50	63.00	<0.50	48.00	<0.50	<0.50
04U027	15-Jan-88 A17	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U027	10-May-88 A18	<0.20	0.29	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U027	08-Aug-88 A19	<0.20	0.34	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U027	25-Oct-88 A20	<0.50	1.40	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAAP GW CRITERIA		0.19	6			0.7	2000	440
04U001	11-Oct-89 A24	<0.20						
04U001	16-Jan-90 A25	<0.20						
04U001	27-Apr-90 A26	<0.50	<0.50		<0.50			
04U001	19-Jul-90 A27	<0.500						
04U002	17-Nov-87 F16	<2.00	<3.10	<22.00	<9.00	<3.09	<3.39	<1.17
04U002	18-Jan-88 A17	<0.20						
04U002	10-May-88 A18	<0.20						
04U002	04-Aug-88 A19	<0.20						
04U002	24-Oct-88 A20	0.50						
04U002	12-Oct-89 A24	<1.00						
04U002	27-Apr-90 A26	<0.50	<0.50		<0.50			
04U003	19-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
04U003	21-Jan-88 A17	<0.20						
04U003	16-May-88 A18	<0.20						
04U003	27-Jul-88 A19	<0.20						
04U003	26-Oct-88 A20	<0.50						
04U003	12-Jul-89 A23	<0.20						
04U003	17-Oct-89 A24	<0.20						
04U003	17-Jan-90 A25	<0.20						
04U003	23-Apr-90 A26	<0.50	<0.50		<0.50			
04U003	18-Jul-90 A27	<0.500						
04U007	09-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
04U007	10-Nov-88 F20	<0.72	<1.00					
04U007	23-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U012	09-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
04U012	11-Nov-88 F20	<0.72	<1.00					
04U020	07-Dec-87 F16	<41.00	<62.00	<450.00	<180.00	<150.00	<170.00	<58.00
04U020	19-Jan-88 A17	<0.20						
04U020	11-May-88 A18	<0.20						
04U020	01-Aug-88 A19	<0.20						
04U020	17-Aug-88 F19	<7.20	<10.00			<0.41	<0.87	<8.28
04U020	25-Oct-88 A20	<0.50						
04U020	11-Oct-89 A24	<4.00						
04U020	25-Apr-90 A26	<0.50	<0.50		<0.50			
04U027	15-Jan-88 A17	<0.20						
04U027	10-May-88 A18	<0.20						
04U027	08-Aug-88 A19	<0.20						
04U027	25-Oct-88 A20	<0.50						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
04U027	11-Oct-89 A24	<0.20	<0.20	<0.20		<0.20	<0.20	<1.00	<0.20	<0.20	<0.20	<0.20	
04U027	25-Apr-90 A26	<0.50	7.30	<0.50		<0.50	<0.50	<0.50	2.00	<0.50	<0.50	<0.50	<0.50
04U077	04-Dec-87 F16	<88.00	1800.00	46.00	<56.00			<150.00	490.00	<99.00	82.00	<51.00	<110.00
04U077	19-Jan-88 A17	0.26	1900.00	160.00		20.00	<0.20	1.00	670.00	0.65	116.00	1.50	
04U077	09-May-88 A18	<4.00	1280.00	85.00		18.00	<4.00	<4.00	500.00	<4.00	103.00		
04U077	03-Aug-88 A19	<0.20	1400.00	40.00		23.00	0.25	<0.20	526.00	0.51	121.00	13.00	
04U077	21-Oct-88 A20	<0.50	2600.00	130.00		29.00	<0.50	<0.50	1070.00	<0.50	390.00	11.00	
04U077	11-Oct-89 A24	<20.00	2400.00	200.00		<20.00	<20.00	<100.00	710.00	<20.00	73.00	<20.00	
04U077	24-Apr-90 A26	1.40	3600.00	80.00		21.00	<0.50	<0.50	800.00	2.60	70.00	<0.50	3.30
04U510	18-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
04U510	15-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
04U510	23-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U673	24-Nov-87 A16	<0.20	145.00	4.61		<0.20	<0.20	<0.20	<0.20	0.65	6.30	<0.20	
04U673	21-Jan-88 A17	<4.00	580.00	5.10		105.00	<4.00	<4.00	<4.00	<4.00	4.30	<4.00	<4.00
04U673	16-May-88 A18	<0.20	560.00	3.30		82.00	<0.20	<0.20	0.33	0.50	5.60	<0.20	
04U673	04-Aug-88 A19	<0.20	253.00	2.10		70.00	<0.20	<0.20	1.70	0.31	5.20	<0.20	
04U673	01-Nov-88 A20	<0.50	1700.00	<0.50		220.00	<0.50	<0.50	2.00	<0.50	13.00	<1.00	
04U673	03-May-89 F22	<2.00	700.00	5.80	170.00			<3.80	<2.00	<2.00		<1.00	
04U673	21-Jul-89 F23	<44.00	1200.00	<24.00	86.00			<75.00	<40.00	<50.00		<26.00	
04U673	19-Oct-89 A24	<10.00	1100.00	<10.00		62.00	<10.00	<50.00	<10.00	<10.00	<10.00	<10.00	
04U673	01-May-90 A26	<0.50	3100.00	6.90		53.00	<0.50	<0.50	8.10	<0.50	6.40	<0.50	<0.50
04U701	20-Jan-88 A17	<0.20	155.00	8.40		1.10	<0.20	<0.20	51.00	<0.20	5.00	<0.20	
04U701	12-May-88 A18	<0.20	411.00	6.80		<0.20	<0.20	<0.20	38.00	<0.20	5.00	<0.20	
04U701	02-Aug-88 A19	<0.20	160.00	3.00		2.00	<0.20	<0.20	42.00	<0.20	6.80	<0.20	
04U701	21-Oct-88 A20	<0.50	80.00	5.00		4.40	<0.50	<0.50	19.00	<0.50	13.00	<1.00	
04U701	17-Oct-89 A24	<1.00	130.00	7.80		<1.00	<1.00	<5.00	37.00	<1.00	2.30	<1.00	
04U701	26-Apr-90 A26	<0.50	110.00	6.40		0.60	<0.50	<0.50	22.00	<0.50	2.60	<0.50	<0.50
04U702	20-Jan-88 A17	<0.20	97.70	4.00		0.90	<0.20	<0.20	31.60	<0.20	2.20	<0.20	
04U702	13-May-88 A18	<0.20	200.00	5.40		1.30	<0.20	<0.20	33.00	<0.20	5.00	<0.20	
04U702	02-Aug-88 A19	<0.20	133.00	1.60		1.40	<0.20	<0.20	38.00	<0.20	4.10	<0.20	
04U702	25-Oct-88 A20	<0.50	100.00	2.60		1.60	<0.50	<0.50	27.00	<0.50	4.30	<1.00	
04U702	13-Oct-89 A24	<0.20	38.00	2.20		0.30	<0.20	<1.00	11.00	<0.20	1.70	<0.20	
04U702	26-Apr-90 A26	<0.50	69.00	1.60		0.50	<0.50	<0.50	17.00	<0.50	1.20	<0.50	<0.50
04U708	22-Jan-88 A17	<0.20	1.00	<0.20		0.22	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U708	10-May-88 A18	<0.20	0.25	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U708	04-Aug-88 A19	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	0.24	<0.20	<0.20	<0.20	
04U708	04-Jan-89 A21	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	1.20	<1.00	1.10	<1.00	
04U708	12-Oct-89 A24	<0.20	8.60	0.70		<0.20	<0.20	<1.00	1.50	<0.20	1.60	<0.20	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAAP GW CRITERIA		0.19	6			0.7	2000	440
04U027	11-Oct-89 A24	<0.20						
04U027	25-Apr-90 A26	<0.50	<0.50		<0.50			
04U077	04-Dec-87 F16	<41.00	<62.00	<450.00	<180.00	<3.09	<3.39	<1.17
04U077	19-Jan-88 A17	25.00						
04U077	09-May-88 A18	8.60						
04U077	03-Aug-88 A19	<0.20						
04U077	21-Oct-88 A20	2.00						
04U077	11-Oct-89 A24	<20.00						
04U077	24-Apr-90 A26	1.90	<0.50		<0.50			
04U510	18-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
04U510	15-Nov-88 F20	<0.72	<1.00					
04U510	23-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U673	24-Nov-87 A16	15.30		<0.20		0.65	43.10	1.10
04U673	21-Jan-88 A17	38.00	<4.00	<4.00		<4.00	24.00	
04U673	16-May-88 A18	0.73						
04U673	04-Aug-88 A19	<0.20						
04U673	01-Nov-88 A20	<0.50						
04U673	03-May-89 F22	<1.40	<2.00			<0.82	<1.70	<17.00
04U673	21-Jul-89 F23	<20.00	<31.00			<150.00	<170.00	<58.00
04U673	19-Oct-89 A24	<10.00						
04U673	01-May-90 A26	0.90	<0.50		<0.50			
04U701	20-Jan-88 A17	0.67						
04U701	12-May-88 A18	0.49						
04U701	02-Aug-88 A19	<0.20						
04U701	21-Oct-88 A20	<0.50						
04U701	17-Oct-89 A24	<1.00						
04U701	26-Apr-90 A26	<0.50	<0.50		<0.50			
04U702	20-Jan-88 A17	<0.20						
04U702	13-May-88 A18	<0.20						
04U702	02-Aug-88 A19	<0.20						
04U702	25-Oct-88 A20	<0.50						
04U702	13-Oct-89 A24	<0.20						
04U702	26-Apr-90 A26	<0.50	<0.50		<0.50			
04U708	22-Jan-88 A17	<0.20						
04U708	10-May-88 A18	<0.20						
04U708	04-Aug-88 A19	<0.20						
04U708	04-Jan-89 A21	<1.00						
04U708	12-Oct-89 A24	<0.20						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2-Dichloro ethene C12DCE	Trans-1,2-Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
04U708	24-Apr-90 A26	<0.50	18.00	2.60		<0.50	<0.50	<0.50	4.20	<0.50	3.70	<0.50	<0.50
04U709	22-Jan-88 A17	<0.20	275.00	19.40		6.00	<0.20	<0.20	73.00	<0.20	32.00	0.32	
04U709	12-May-88 A18	<0.20	117.00	7.60		4.70	<0.20	<0.20	16.00	<0.20	22.00	0.47	
04U709	08-Aug-88 A19	<0.20	100.00	7.50		7.80	<0.20	<0.20	14.00	<0.20	28.00	1.00	
04U709	26-Oct-88 A20	<0.50	95.00	5.10		7.50	<0.50	<0.50	19.00	<0.50	25.00	0.79	
04U709	17-Oct-89 A24	<4.00	370.00	29.00		7.70	<4.00	<20.00	80.00	<4.00	51.00	<4.00	
04U709	30-Apr-90 A26	3.00	750.00	52.00		13.00	<0.50	<0.50	140.00	<0.50	78.00	<0.50	1.00
04U711	19-Apr-89 A22	<0.20	<2.00	<0.50		0.30	<0.20	<1.00	1.40	<0.20	0.70	<0.20	
04U711	12-Jul-89 A23	<0.20	4.40	1.10		<0.20	<0.20	<1.00	5.00	<0.20	1.40	<0.20	
04U711	18-Oct-89 A24	<0.20	2.00	0.50		<0.20	<0.20	<1.00	2.70	<0.20	2.20	<0.20	
04U711	17-Jan-90 A25	<0.20	2.20	0.30		<0.20	<0.20	<1.00	1.50	<0.20	1.90	<0.20	
04U711	01-May-90 A26	<0.50	2.60	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
04U711	20-Jul-90 A27	<1.000	2.00	<0.300		<0.500	<0.300	<1.500	0.60	<1.000	0.30	<0.200	
04U713	06-Jan-89 A21	<1.00	27.00	<1.00		<1.00	<1.00	<1.00	7.50	<1.00	<1.00	<1.00	<1.00
04U713	23-Oct-89 A24	<2.00	15.00	0.70		0.30	<2.00	<10.00	3.50	<2.00	2.20	<2.00	<1.00
04U713	30-Apr-90 A26	<0.50	5.30	<0.50		<0.50	<0.50	<0.50	1.10	<0.50	<0.50	<0.50	<0.50
04U714	04-Jan-89 A21	<1.00	13.00	<1.00		<1.00	<1.00	<1.00	4.90	<1.00	<1.00	<1.00	
04U714	18-Apr-89 A22	<0.20	19.00	<0.80		<0.20	<0.20	<1.00	2.70	<0.20	1.00	<0.20	
04U714	12-Jul-89 A23	<0.20	13.00	1.00		0.20	<0.20	<1.00	3.10	<0.20	1.00	<0.20	
04U714	13-Oct-89 A24	<0.20	26.00	1.10		<0.20	<0.20	<1.00	4.90	<0.20	0.60	<0.20	
04U714	17-Jan-90 A25	<0.20	4.40	0.20		0.20	<0.20	<1.00	0.70	<0.20	1.10	<0.20	
04U714	30-Apr-90 A26	<0.50	17.00	<0.50		<0.50	<0.50	<0.50	1.90	<0.50	<0.50	<0.50	<0.50
04U714	19-Jul-90 A27	<1.000	8.50	0.30		<0.500	<0.300	<1.500	1.10	<1.000	0.50	<0.200	
04U802	02-Dec-87 F16	<0.88	3.20	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
04U802	21-Jan-88 A17	<0.20	2.00	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U802	13-May-88 A18	<0.20	6.70	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U802	04-Aug-88 A19	<0.20	2.60	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U802	24-Aug-88 F19	<1.00	1.80	<1.00	<0.50			<1.90	<1.00	<1.00	<1.00	<0.50	
04U802	28-Oct-88 A20	<0.50	1.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	
04U802	18-Oct-89 A24	<0.20	1.40	<0.20		<0.20	<0.20	<1.00	0.60	<0.20	<0.20	<0.20	
04U802	01-May-90 A26	<0.50	2.70	<0.50		<0.50	<0.50	<0.50	0.90	<0.50	<0.50	<0.50	<0.50
04U806	02-Dec-87 F16	<88.00	2500.00	110.00	<56.00			<150.00	820.00	<99.00	160.00	<51.00	<110.00
04U806	12-May-88 A18	<0.20	1720.00	246.00		23.00	0.22	<0.20	790.00	0.52	209.00	4.00	
04U806	04-Aug-88 A19	<0.20	1720.00	105.00		32.00	<0.20	0.55	608.00	0.41	169.00	3.60	
04U806	21-Oct-88 A20	<0.50	1500.00	73.00		35.00	<0.50	<0.50	540.00	<0.50	92.00	3.50	
04U806	19-Apr-89 A22	<0.20	690.00	89.00		37.00	0.20	<1.00	130.00	<0.20	150.00	3.10	
04U806	11-Jul-89 A23	<10.00	2200.00	290.00		40.00	<10.00	<50.00	760.00	<0.20	210.00	<10.00	
04U806	16-Oct-89 A24	15.00	1400.00	170.00		17.00	<10.00	<50.00	440.00	<10.00	110.00	<10.00	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAAP GW CRITERIA		0.19	6			0.7	2000	440
04U708	24-Apr-90 A26	<0.50	<0.50		<0.50			
04U709	22-Jan-88 A17	7.90						
04U709	12-May-88 A18	<0.20						
04U709	08-Aug-88 A19	0.38						
04U709	26-Oct-88 A20	<0.50						
04U709	17-Oct-89 A24	<4.00						
04U709	30-Apr-90 A26	<0.50	<0.50		<0.50			
04U711	19-Apr-89 A22	<0.20						
04U711	12-Jul-89 A23	<0.20						
04U711	18-Oct-89 A24	<0.20						
04U711	17-Jan-90 A25	<0.20						
04U711	01-May-90 A26	<0.50	<0.50		<0.50			
04U711	20-Jul-90 A27	<0.500						
04U713	06-Jan-89 A21	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00
04U713	23-Oct-89 A24	<2.00						
04U713	30-Apr-90 A26	<0.50	<0.50		<0.50			
04U714	04-Jan-89 A21	<1.00						
04U714	18-Apr-89 A22	<0.20						
04U714	12-Jul-89 A23	<0.20						
04U714	13-Oct-89 A24	<0.20						
04U714	17-Jan-90 A25	<0.20						
04U714	30-Apr-90 A26	<0.50	<0.50		<0.50			
04U714	19-Jul-90 A27	<0.500						
04U802	02-Dec-87 F16	<0.41	<0.62	<4.50	<1.80			
04U802	21-Jan-88 A17	<0.20						
04U802	13-May-88 A18	<0.20						
04U802	04-Aug-88 A19	<0.20						
04U802	24-Aug-88 F19	<0.72	<1.00					
04U802	28-Oct-88 A20	<0.50						
04U802	18-Oct-89 A24	<0.20						
04U802	01-May-90 A26	<0.50	<0.50		<0.50			
04U806	02-Dec-87 F16	<41.00	<62.00	<450.00	<180.00			
04U806	12-May-88 A18	1.50						
04U806	04-Aug-88 A19	4.10						
04U806	21-Oct-88 A20	3.70						
04U806	19-Apr-89 A22	0.70						
04U806	11-Jul-89 A23	<10.00						
04U806	16-Oct-89 A24	24.00						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
04U806	17-Jan-90 A25	<10.00	1100.00	72.00		17.00	<10.00	<50.00	300.00	<10.00	86.00	<10.00	
04U806	23-Apr-90 A26	<0.50	2400.00	180.00		1.50	<0.50	<0.50	550.00	<0.50	120.00	<0.50	2.20
04U806	18-Jul-90 A27	<25.000	2000.00	270.00		46.00	<7.500	<38.000	680.00	<25.000	220.00	<5.000	
04U821	30-Nov-87 F16	<44.00	950.00	<24.00	<28.00			<75.00	170.00	<50.00	<36.00	<26.00	<55.00
04U821	19-Apr-90 F26	<20.00	470.00	30.00	18.00			<38.00	60.00	<20.00	43.00	<10.00	<26.00
04U821	23-Jul-90 F27	<1.00	760.00	26.00	5.30			<1.90	130.00	<1.00	20.00	<0.50	<1.30
04U821	18-Sep-90 F28	<1.00	590.00	24.00	<0.50			<1.90	13.00	<1.00	19.00	<0.50	<1.30
04U832	24-Nov-87 F16	<4.40	100.00	2.80	<2.80			<7.50	25.00	<5.00	<3.60	<2.60	<5.50
04U832	16-Dec-88 A20	<1.00	65.00	<1.00		<1.00	<1.00	<1.00	18.00	<1.00	5.60	<1.00	
04U832	25-Apr-90 F26	<1.00	69.53	3.05	<0.50			<1.90	14.73	<1.00	2.41	<0.50	<1.30
04U841	20-Oct-87 A16	<0.20	0.50	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U841	25-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
04U843	24-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	1.85	<0.99	<0.72	<0.51	<1.10
04U843	24-Aug-88 F19	<1.00	2.34	<1.00	<0.50			<1.90	4.87	<1.00		<0.50	
04U843	25-Apr-90 F26	<1.00	2.26	<1.00	<0.50			<1.90	6.37	<1.00	1.91	<0.50	<1.30
04U844	03-Dec-87 F16	<44.00	950.00	<24.00	<28.00			<75.00	170.00	<50.00	<36.00	<26.00	<55.00
04U844	04-May-89 F22	<10.00	310.00	19.00	<5.00			<19.00	81.00	<10.00		<5.00	
04U844	18-Oct-89 F24	1.05	600.00	41.00	4.76			<1.50	96.00	<0.99		1.65	
04U844	25-Apr-90 F26	<50.00	690.00	<50.00	<25.00			<95.00	130.00	<50.00	<39.00	<25.00	<65.00
04U844	23-Jul-90 F27	1.79	930.00	35.00	4.84			<1.90	160.00	1.40	27.00	1.53	<1.30
04U844	17-Sep-90 F28	<1.00	1000.00	47.00	6.10			<1.90	220.00	<1.00	35.00	<0.50	<1.30
04U845	01-Dec-87 F16	<4.40	59.00	<2.40	<2.80			<7.50	<4.00	<5.00	<3.60	<2.60	<5.50
04U845	16-Dec-88 A20	<1.00	155.00	<1.00		4.30	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04U845	04-May-89 F22	<1.00	100.00	<1.00	7.57			<1.90	<1.00	<1.00		<0.50	
04U845	20-Jul-89 F23	<8.80	160.00	<4.90	<5.60			<15.00	<8.10	<9.90		<5.10	
04U845	20-Oct-89 F24	<8.80	62.00	<4.90	15.00			<15.00	<8.10	<9.90		<5.10	
04U845	26-Apr-90 F26	<5.00	38.00	<5.00	10.00			<9.50	<5.00	<5.00	<3.90	<2.50	<6.50
04U846	25-Nov-87 F16	<0.88	22.50	1.03	<0.56			<1.50	8.54	<0.99	1.23	<0.51	<1.10
04U846	23-Aug-88 F19	<1.00	120.00	10.00	<0.50			<1.90	30.00	<1.00		<0.50	
04U846	28-Apr-89 F22	<1.00	4.27	<1.00	<0.50			<1.90	1.06	<1.00		<0.50	
04U846	18-Jul-89 F23	<0.88	9.00	<0.49	<0.56			<1.50	1.21	<0.99		<0.51	
04U846	19-Oct-89 F24	<0.88	13.70	0.82	<0.56			<1.50	1.93	<0.99		<0.51	
04U847	30-Nov-87 F16	<44.00	700.00	160.00	<28.00			<75.00	1000.00	<50.00	96.00	<26.00	<55.00
04U847	23-Aug-88 F19	<20.00	970.00	300.00	63.00			<38.00	1100.00	<20.00		<10.00	
04U847	03-May-89 F22	<1.00	12.00	8.02	0.60			<1.90	50.70	<1.00		<0.50	
04U847	21-Jul-89 F23	<22.00	350.00	33.00	<14.00			<38.00	200.00	<25.00		<13.00	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAAP GW CRITERIA		0.19	6			0.7	2000	440
04U806	17-Jan-90 A25	<10.00						
04U806	23-Apr-90 A26	<0.50	<0.50		<0.50			
04U806	18-Jul-90 A27	<12.000						
04U821	30-Nov-87 F16	<20.00	<31.00	<220.00	<90.00			
04U821	19-Apr-90 F26	<14.00	<20.00	<20.00	<64.00			
04U821	23-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
04U821	18-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
04U832	24-Nov-87 F16	<2.00	<3.10	<22.00	<9.00			
04U832	16-Dec-88 A20	<1.00						
04U832	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U841	20-Oct-87 A16	<0.20						
04U841	25-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
04U843	24-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
04U843	24-Aug-88 F19	<0.72	<1.00					
04U843	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U844	03-Dec-87 F16	<20.00	<31.00	<220.00	<90.00			
04U844	04-May-89 F22	<7.20	<10.00			<4.10	<8.70	<83.00
04U844	18-Oct-89 F24	0.50	<0.62			<3.09	<3.39	<1.17
04U844	25-Apr-90 F26	<36.00	<50.00	<50.00	<160.00			
04U844	23-Jul-90 F27	1.10	<1.00	<1.00	<3.20			
04U844	17-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
04U845	01-Dec-87 F16	<2.00	<3.10	<22.00	<9.00			
04U845	16-Dec-88 A20	<1.00						
04U845	04-May-89 F22	<0.72	<1.00			<0.41	1.24	<8.28
04U845	20-Jul-89 F23	<4.10	<6.20			<30.90	<33.90	<11.70
04U845	20-Oct-89 F24	<4.10	<6.20			<31.00	<34.00	<12.00
04U845	26-Apr-90 F26	<3.60	<5.00	<5.00	<16.00			
04U846	25-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
04U846	23-Aug-88 F19	<0.72	<1.00					
04U846	28-Apr-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
04U846	18-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
04U846	19-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
04U847	30-Nov-87 F16	<20.00	<31.00	<220.00	<90.00			
04U847	23-Aug-88 F19	<14.00	<20.00					
04U847	03-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
04U847	21-Jul-89 F23	<10.00	<16.00			<3.09	4.63	4.47

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
04U847	20-Oct-89 F24	<88.00	330.00	100.00	34.00			<30.00	460.00	<20.00		16.00	
04U847	26-Apr-90 F26	<20.00	1300.00	190.00	31.00			<38.00	800.00	<20.00	150.00	<10.00	<26.00
04U847	20-Jul-90 F27	<1.00	460.00	64.00	11.00			<1.90	250.00	<1.00	57.00	<0.50	<1.30
04U847	17-Sep-90 F28	<1.00	1800.00	260.00	38.00			<1.90	1100.00	<1.00	200.00	<0.50	<1.30
04U848	02-Dec-87 F16	<44.00	700.00	<24.00	<28.00			<75.00	<40.00	<50.00	<36.00	<26.00	<55.00
04U848	24-Aug-88 F19	<20.00	470.00	<20.00	26.00			<38.00	<20.00	<20.00		<10.00	
04U848	03-May-89 F22	<1.00	150.00	1.79	21.90			<1.90	<1.00	<1.00		<0.50	
04U848	20-Jul-89 F23	<44.00	700.00	<24.00	<28.00			<75.00	<40.00	<50.00		<26.00	
04U848	19-Oct-89 F24	<0.88	280.00	0.92	13.10			<1.50	0.85	<0.99		<0.51	
04U848	19-Apr-90 F26	<20.00	240.00	<20.00	14.00			<38.00	<20.00	<20.00	<16.00	<10.00	<26.00
04U848	19-Jul-90 F27	55.00	140.00	<1.00	7.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U848	17-Sep-90 F28	<1.00	150.00	<1.00	5.40			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U849	01-Dec-87 F16	<18.00	460.00	8.20	<11.00			<30.00	85.00	<20.00	<14.00	<10.00	<22.00
04U849	24-Aug-88 F19	<1.00	41.40	2.46	3.93			<1.90	13.90	<1.00		<0.50	
04U849	18-Apr-90 F26	<1.00	18.10	1.20	0.77			<1.90	4.69	<1.00	2.32	<0.50	<1.30
04U850	01-Dec-87 F16	<22.00	480.00	<12.00	<14.00			<38.00	71.00	<25.00	<18.00	<13.00	<28.00
04U850	02-May-89 F22	<2.50	110.00	12.00	5.00			<4.80	10.00	<2.50		<1.30	
04U850	19-Jul-89 F23	<8.80	190.00	<4.90	<5.60			<15.00	17.00	<9.90		<5.10	
04U850	19-Oct-89 F24	<0.88	180.00	3.69	2.29			<1.50	15.60	<0.99		0.98	
04U850	17-Apr-90 F26	<1.00	170.00	6.31	2.15			<1.90	23.70	<1.00	10.00	0.62	<1.30
04U851	24-Nov-87 F16	<0.88	2.72	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
04U851	17-Apr-90 F26	<1.00	0.96	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U852	24-Nov-87 F16	<0.88	3.41	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
04U852	24-Aug-88 F19	<1.00	1.18	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
04U852	19-Apr-90 F26	<1.00	1.85	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U854	20-Oct-87 A16	<0.20	48.40	<0.20		2.60	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U854	13-Nov-87 A16	<0.20	50.70	0.40		3.40	<0.20	<0.20	<0.20	<0.20	0.70	<0.20	
04U854	16-Dec-88 A20	<1.00	140.00	<1.00		3.70	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04U854	04-May-89 F22	<1.00	27.30	<1.00	4.68			<1.90	<1.00	<1.00		<0.50	
04U854	20-Jul-89 F23	<18.00	360.00	<9.80	<11.00			<30.00	<16.00	<20.00		<10.00	
04U854	17-Oct-89 F24	<0.88	89.00	0.75	3.70			<1.50	<0.81	<0.99		<0.51	
04U854	30-Apr-90 F26	<1.00	67.00	<1.00	3.22			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U855	25-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
04U859	13-Nov-87 A16	<0.20	0.30	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U859	15-Dec-88 A20	<1.00	8.50	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04U859	30-Apr-90 F26	<1.00	5.59	<1.00	1.71			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
04U847	20-Oct-89 F24	5.30	<12.00			<62.00	<68.00	<23.00
04U847	26-Apr-90 F26	<14.00	<20.00	<20.00	<64.00	<8.20	<17.00	<170.00
04U847	20-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
04U847	17-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
04U848	02-Dec-87 F16	<20.00	<31.00	<220.00	<90.00			
04U848	24-Aug-88 F19	<14.00	<20.00					
04U848	03-May-89 F22	<0.72	<1.00			<0.41	2.11	<8.28
04U848	20-Jul-89 F23	<20.00	<31.00			<150.00	<170.00	<58.00
04U848	19-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
04U848	19-Apr-90 F26	<14.00	<20.00	<20.00	<64.00			
04U848	19-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
04U848	17-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
04U849	01-Dec-87 F16	<8.20	<12.00	<90.00	<36.00			
04U849	24-Aug-88 F19	<0.72	<1.00					
04U849	18-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U850	01-Dec-87 F16	<10.00	<16.00	<110.00	<45.00			
04U850	02-May-89 F22	<1.80	<2.50			<1.00	2.50	<21.00
04U850	19-Jul-89 F23	<4.10	<6.20			<15.00	<17.00	<5.80
04U850	19-Oct-89 F24	0.27	<0.62			<3.09	<3.39	<1.17
04U850	17-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U851	24-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
04U851	17-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U852	24-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
04U852	24-Aug-88 F19	<0.72	<1.00					
04U852	19-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U854	20-Oct-87 A16	<0.20						
04U854	13-Nov-87 A16	0.20						
04U854	16-Dec-88 A20	<1.00						
04U854	04-May-89 F22	<0.72	<1.00			<0.41	1.54	<8.28
04U854	20-Jul-89 F23	<8.20	<12.00			<62.00	<68.00	<23.00
04U854	17-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	1.18
04U854	30-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U855	25-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
04U859	13-Nov-87 A16	<0.20						
04U859	15-Dec-88 A20	<1.00						
04U859	30-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
04U860	13-Nov-87 A16	<0.20	0.50	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U860	15-Dec-88 A20	<1.00	1.80	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04U860	19-Apr-90 F26	<1.00	2.71	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U861	12-Nov-87 A16	<0.20	1.50	<0.20		<0.20	<0.20	<0.20	0.30	<0.20	1.00	<0.20	
04U861	16-Dec-88 A20	<1.00	9.80	<1.00		<1.00	<1.00	<1.00	3.40	<1.00	<1.00	<1.00	
04U861	30-Apr-90 F26	<1.00	2.74	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U871	20-Jun-88 A18	0.58	330.00	8.40		1.80	<0.20	<0.20	84.00	0.42	8.60	1.20	
04U871	07-Jul-88 A19	0.29	272.00	7.80		1.60	<0.20	<0.20	70.00	<0.20	9.00	<0.20	
04U871	23-Aug-88 F19	<10.00	420.00	32.00	<5.00			<19.00	110.00	<10.00		<5.00	
04U871	08-Nov-88 F20	<10.00	380.00	14.00	<5.00			<19.00	110.00	<10.00		<5.00	
04U871	31-Jan-89 A21	<1.00	31.00	<1.00		<1.00	<1.00	<1.00	4.80	<1.00	4.50	<1.00	
04U871	05-May-89 F22												
04U871	08-May-89 F22	<2.00	33.00	2.50	<1.00			<3.80	5.20			<1.00	
04U871	19-Jul-89 F23	<1.80	24.00	<0.98	<1.10			<3.00	<1.60	<2.00		<1.00	
04U871	23-Oct-89 F24	<1.80	23.00	1.60	2.60			<3.00	3.20	<2.00		<1.00	
04U871	18-Apr-90 F26	<1.00	3.37	1.69	2.36			<1.90	<1.00	<1.00	8.04	<0.50	<1.30
04U872	13-Jul-88 A19	<0.20	102.00	3.00		0.68	<0.20	<0.20	19.00	<0.20	4.30	<0.20	
04U872	24-Aug-88 F19	<5.00	53.00	6.50	<2.50			<9.50	6.20	<5.00		<2.50	
04U872	08-Nov-88 F20	<2.00	39.00	<2.00	<1.00			<3.80	5.50	<2.00		<1.00	
04U872	01-Feb-89 A21	<1.00	12.00	<1.00		<1.00	<1.00	<1.00	2.30	<1.00	<1.00	<1.00	
04U872	08-May-89 F22	<1.00	16.50	<1.00	<0.50			<1.90	2.08	<1.00		<0.50	
04U872	19-Jul-89 F23	<0.88	13.20	<0.49	<0.56			<1.50	0.89	<0.99		<0.51	
04U872	23-Oct-89 F24	<0.88	25.40	0.92	1.17			<1.50	2.09	<0.99		<0.51	
04U872	18-Apr-90 F26	<1.00	14.90	<1.00	<0.50			<1.90	2.10	<1.00	0.90	<0.50	<1.30
04U875	20-Jun-88 A18	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U875	23-Aug-88 F19	<1.00	0.90	<1.00	<0.50			<1.90	<1.00	<1.00	<0.20	<0.20	
04U875	09-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<1.00	<0.50	
04U875	07-Feb-89 A21	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.50	
04U875	19-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<1.00	<1.00	
04U875	19-Oct-89 F24	<0.88	1.45	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
04U875	18-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U877	23-Aug-88 F19	<5.00	380.00	24.00	<2.50			<9.50	93.00	<5.00		<2.50	
04U877	10-Nov-88 F20	<10.00	180.00	<10.00	<5.00			<19.00	32.00	<10.00		<5.00	
04U877	08-Feb-89 A21	<1.00	38.00	1.50		<1.00	<1.00	<1.00	6.30	<1.00	2.60	<1.00	
04U877	02-May-89 F22	<1.00	81.00	4.83	0.67			<1.90	11.10	<1.00		<0.50	
04U877	18-Jul-89 F23	<4.40	89.00	<2.40	<2.80			<7.50	8.10	<5.00		<2.60	
04U877	19-Oct-89 F24	<0.88	95.00	2.01	1.38			<1.50	7.55	<0.99		<0.51	
04U877	17-Apr-90 F26	<1.00	73.00	2.97	0.73			<1.90	10.90	<1.00	3.98	<0.50	<1.30

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
04U860	13-Nov-87 A16	<0.20						
04U860	15-Dec-88 A20	<1.00						
04U860	19-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
04U861	12-Nov-87 A16	<0.20						
04U861	16-Dec-88 A20	<1.00						
04U861	30-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U871	20-Jun-88 A18	<0.20						
04U871	07-Jul-88 A19	<0.20						
04U871	23-Aug-88 F19	<7.20	<10.00			<4.10	<8.70	<83.00
04U871	08-Nov-88 F20	<7.20	<10.00					
04U871	31-Jan-89 A21	<1.00						
04U871	05-May-89 F22							
04U871	08-May-89 F22	<1.40	<2.00			<0.82	<1.70	<17.00
04U871	19-Jul-89 F23	<0.82	<1.20			<6.20	10.00	2.50
04U871	23-Oct-89 F24	<0.82	<1.20			<6.20	<6.80	<2.30
04U871	18-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
04U872	13-Jul-88 A19	<0.20						
04U872	24-Aug-88 F19	<3.60	<5.00			<2.10	170.00	<41.00
04U872	08-Nov-88 F20	<1.40	<2.00					
04U872	01-Feb-89 A21	<1.00						
04U872	08-May-89 F22	<0.72	<1.00			<0.41	3.11	<8.28
04U872	19-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	2.03
04U872	23-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
04U872	18-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	1.14	<8.28
04U875	20-Jun-88 A18	<0.20						
04U875	23-Aug-88 F19	<0.72	<1.00			0.98	<0.87	<8.28
04U875	09-Nov-88 F20	<0.72	<1.00					
04U875	07-Feb-89 A21	<1.00						
04U875	19-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	1.22
04U875	19-Oct-89 F24	0.28	<0.62			<3.09	<3.39	<1.17
04U875	18-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U877	23-Aug-88 F19	<3.60	<5.00			<2.10	13.00	<41.00
04U877	10-Nov-88 F20	<7.20	<10.00					
04U877	08-Feb-89 A21	<1.00						
04U877	02-May-89 F22	<0.72	<1.00			<0.41	1.87	<8.28
04U877	18-Jul-89 F23	<2.00	<3.10			<15.00	<17.00	<5.80
04U877	19-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
04U877	17-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2-Dichloro ethene C12DCE	Trans-1,2-Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
04U879	29-Jul-88 A19	<0.20	<0.20	<0.20									
04U879	01-Sep-88 F19	<1.00	1.09	<1.00	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
04U879	08-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.20	<0.50	
04U879	08-Feb-89 A21	<1.00	<1.00	<1.00				<1.90	<1.00	<1.00		<0.50	
04U879	19-Jul-89 F23	<0.88	<1.10	<0.49	<0.56	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04U879	17-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
04U879	18-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.50	<0.81	<0.99		<0.51	
								<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U880	01-Sep-88 F19	<1.00	8.06	<1.00	<0.50			<1.90	1.43	<1.00		<0.50	
04U880	10-Nov-88 F20	<1.00	16.40	<1.00	<0.50			<1.90	3.35	<1.00		<0.50	
04U880	06-Feb-89 A21	<1.00	4.00	<1.00				<1.90	<1.00	<1.00		<0.50	
04U880	18-Jul-89 F23	<0.88	<1.10	<0.49	<0.56	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04U880	19-Oct-89 F24	<0.88	1.47	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
04U880	18-Apr-90 F26	<1.00	0.77	<1.00	<0.50			<1.50	<0.81	<0.99		<0.51	
								<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U881	09-Nov-88 F20	<1.00	2.70	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
04U881	07-Feb-89 A21	<1.00	2.30	<1.00				<1.90	<1.00	<1.00		<0.50	
04U881	18-Jul-89 F23	<0.88	<1.10	<0.49	<0.56	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04U881	18-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
04U881	17-Apr-90 F26	<1.00	1.21	<1.00	<0.50			<1.50	<0.81	<0.99		<0.51	
								<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
04U882	13-Sep-88 F19	<1.00	27.70	<1.00	<0.50			<1.90	6.36	<1.00		<0.50	
04U882	09-Nov-88 F20	<1.00	32.30	<1.00	<0.50			<1.90	7.73	<1.00		<0.50	
04U882	31-Jan-89 A21	<1.00	10.00	<1.00				<1.90	3.20	<1.00	1.30	<1.00	
04U882	03-May-89 F22	<1.00	12.70	1.15	<0.50	<1.00	<1.00	<1.00	1.50	<1.00		<0.50	
04U882	17-Jul-89 F23	<0.88	15.70	<0.49	<0.56			<1.90	1.73	<0.99		<0.51	
04U882	18-Oct-89 F24	<0.88	6.43	0.80	1.18			<1.50	0.96	<0.99		<0.51	
04U882	17-Apr-90 F26	<1.00	7.73	<1.00	1.23			<1.90	<1.00	<1.00	1.70	<0.50	<1.30
04U883	09-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
04U883	08-Feb-89 A21	<1.00	<1.00	<1.00				<1.90	<1.00	<1.00	<1.00	<1.00	
04U883	17-Jul-89 F23	<0.88	<1.10	<0.49	<0.56	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
04U883	18-Oct-89 F24	<0.88	1.47	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
04U883	17-Apr-90 F26	<1.00	0.87	<1.00	<0.50			<1.50	<0.81	<0.99		<0.51	
								<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
134318	27-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
139035	31-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
139035	31-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
191942	30-Nov-87 F16	<22.00	210.00	<12.00	<14.00			<38.00	50.00	<25.00	<18.00	<13.00	<28.00
200154	31-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
04U879	29-Jul-88 A19	<0.20		<0.20		<0.20	0.39	0.24
04U879	01-Sep-88 F19	<0.72	<1.00			<0.41	26.60	<8.28
04U879	08-Nov-88 F20	<0.72	<1.00					
04U879	08-Feb-89 A21	<1.00						
04U879	19-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	1.50
04U879	17-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	1.17
04U879	18-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
04U880	01-Sep-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
04U880	10-Nov-88 F20	<0.72	<1.00					
04U880	06-Feb-89 A21	<1.00						
04U880	18-Jul-89 F23	<0.41	<0.62			<3.09	9.07	12.90
04U880	19-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
04U880	18-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
04U881	09-Nov-88 F20	<0.72	<1.00					
04U881	07-Feb-89 A21	<1.00						
04U881	18-Jul-89 F23	<0.41	<0.62			<3.09	13.50	14.70
04U881	18-Oct-89 F24	<0.41	<0.62			<3.09	6.02	2.53
04U881	17-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	0.83	4.27	<8.28
04U882	13-Sep-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
04U882	09-Nov-88 F20	<0.72	<1.00					
04U882	31-Jan-89 A21	<1.00						
04U882	03-May-89 F22	<0.72	<1.00			0.82	5.80	<8.28
04U882	17-Jul-89 F23	<0.41	<0.62			<3.09	6.03	1.71
04U882	18-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
04U882	17-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
04U883	09-Nov-88 F20	<0.72	<1.00					
04U883	08-Feb-89 A21	<1.00						
04U883	17-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
04U883	18-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
04U883	17-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
134318	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
139035	31-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
139035	31-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
191942	30-Nov-87 F16	<10.00	<16.00	<110.00	<45.00			
200154	31-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
200264	25-Aug-88 F19	15.90	7.48	1.68	19.50			<1.90	15.90	1.31		<0.50	
200524	16-Aug-88 F19	<1.00	3.66	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
200803	16-Aug-88 F19	<1.00	13.50	<1.00	<0.50			<1.90	1.61	<1.00		<0.50	
200812	02-May-90 F26	<1.00	170.00	6.38	0.98			<1.90	26.10	<1.00	4.93	<0.50	<1.30
200812	23-Jul-90 F27	<1.00	100.00	4.29	0.72			<1.90	17.00	<1.00	3.47	<0.50	<1.30
200812	24-Sep-90 F28	<1.00	79.00	3.06	<0.50			<1.90	12.50	<1.00	2.53	<0.50	<1.30
200814	31-Jul-89 F23	<1.80	38.00	<0.98	<1.10			<3.00	2.80	<2.00		<1.00	
200814	30-Oct-89 F24	<1.80	46.00	2.00	2.40			<3.00	3.80	<2.00		<1.00	
201082	31-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
206688	23-Oct-89 F24	<0.88	8.68	0.80	<0.56			<1.50	1.72	<0.99		<0.51	
206787	24-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
206787	02-May-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
206787	23-Jul-90 F27	<1.00	0.99	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
206787	20-Sep-90 F28	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
206791	23-Jul-90 F27	<1.00	3.84	<1.00	<0.50				<1.00	<1.00	<0.78	<0.50	<1.30
206793	23-Jul-90 F27	<1.00	490.00	16.00	2.23			<1.90	68.00	<1.00	14.00	0.70	<1.30
206797	23-Jul-90 F27	<1.00	85.00	3.51	0.63			<1.90	15.00	<1.00	2.64	<0.50	<1.30
231878	23-Oct-87 A16	<0.20	49.90	<0.20		4.70	<0.20	<0.20	0.60	<0.20	<0.20	<0.20	
233221	11-May-89 F22	<1.00	29.20	2.03	1.56			<1.90	2.17	<1.00		<0.50	
233221	31-Jul-89 F23	<4.40	120.00	2.20	<2.80			<7.50	4.50	<5.00		<2.60	
233221	30-Oct-89 F24	<4.40	46.00	4.00	5.90			<7.50	4.20	<5.00		<2.60	
233221	02-May-90 F26	<2.00	20.00	<2.00	<1.00			<3.80	<2.00	<2.00	2.00	<1.00	<2.60
233222	25-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
233533	30-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
234319	26-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
234335	13-Nov-87 A16	<0.20	52.30	0.50		5.00	<0.20	<0.20	0.30	<0.20	0.70	<0.20	
234335	26-Aug-88 F19	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTPE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
200264	25-Aug-88 F19	<0.72	<1.00					
200524	16-Aug-88 F19	2.41	<1.00					
200803	16-Aug-88 F19	<0.72	<1.00					
200812	02-May-90 F26	<0.72	<1.00	<1.00	<3.20			
200812	23-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
200812	24-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
200814	31-Jul-89 F23	<0.82	<1.20			<3.09	<3.39	<1.17
200814	30-Oct-89 F24	<0.82	<1.20			<6.20	<6.80	<2.30
201082	31-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
206688	23-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
206787	24-Oct-89 F24	<0.41	<0.62			<3.09	39.00	<1.17
206787	02-May-90 F26	<0.72	<1.00	<1.00	<3.20			
206787	23-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
206787	20-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
206791	23-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
206793	23-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
206797	23-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
231878	23-Oct-87 A16	<0.20						
233221	11-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
233221	31-Jul-89 F23	<2.00	<3.10			<15.00	<17.00	<5.80
233221	30-Oct-89 F24	<2.00	<3.10			<15.00	<17.00	<5.80
233221	02-May-90 F26	<1.40	<2.00	<2.00	6.60			
233222	25-Aug-88 F19	<0.72	<1.00					
233533	30-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
234319	26-Aug-88 F19	<0.72	<1.00					
234335	13-Nov-87 A16	0.50						
234335	26-Aug-88 F19	<0.72	<1.00					

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
234335	02-May-90 F26	<1.00	140.00	<1.00	7.61			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
234335	23-Jul-90 F27	<1.00	150.00	<1.00	7.30			<1.90	<1.00	<1.00	1.00	<0.50	<1.30
234337	23-Oct-87 A16	<0.20	<0.20	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
234353	12-May-89 F22	1.34	4.10	<1.00	0.66			<1.90	<1.00	<1.00		<0.50	
234353	31-Jul-89 F23	<0.88	4.47	<0.49	0.82			<1.50	<0.81	<0.99		<0.51	
234356	25-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
234356	26-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
234357	10-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	1.38	<1.00		<0.50	
234357	20-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	1.05	<0.99		<0.51	
234357	20-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	1.35	<0.99		<0.51	
234425	10-May-89 F22												
234425	11-May-89 F22	<50.00	3100.00	140.00	<25.00			<95.00	810.00	<50.00		<25.00	
234430	09-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
234430	27-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
234430	26-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
234463	08-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		0.87	
234463	03-Aug-89 F23	<0.88	1.69	<0.49	<0.56			<1.50	<0.81	<0.99		0.86	
234463	31-Oct-89 F24	<0.88	2.00	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
234546	02-May-90 F26	<1.00	50.00	<1.00	<0.50			<1.90	5.84	<1.00	2.19	<0.50	<1.30
234547	10-May-89 F22	<1.00	12.20	<1.00	<0.50			<1.90	2.34	<1.00		<0.50	
234547	31-Jul-89 F23	<0.88	16.10	<0.49	<0.56			<1.50	3.26	<0.99		<0.51	
234547	30-Oct-89 F24	<0.88	12.00	0.78	1.24			<1.50	1.54	<0.99		<0.51	
234547	02-May-90 F26	<1.00	17.60	<1.00	<0.50			<1.90	3.07	<1.00	<0.78	<0.50	<1.30
235539	26-Aug-88 F19	<1.00	1.49	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
235619	31-Jul-89 F23	<0.88	<1.10	<0.49	1.27			<1.50	<0.81	<0.99		4.34	
235619	31-Oct-89 F24	<0.88	1.90	1.31	<0.56			<1.50	<0.81	1.87		<0.51	
235735	31-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
235735	31-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
236122	12-Jul-88 A19	2.40	1465.00	31.00		7.70	<0.20	<0.20	400.00	1.50	33.00	2.50	
405651	31-Jul-89 F23	<0.88	16.60	0.55	8.57			<1.50	1.98	<0.99		<0.51	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
234335	02-May-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
234335	23-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
234337	23-Oct-87 A16	<0.20						
234353	12-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
234353	31-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
234356	25-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
234356	26-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
234357	10-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
234357	20-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
234357	20-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
234425	10-May-89 F22					<21.00	<44.00	<410.00
234425	11-May-89 F22	<36.00	<50.00					
234430	09-May-89 F22	<0.72	<1.00			<0.41	3.21	<8.28
234430	27-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
234430	26-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
234463	08-May-89 F22	<0.72	<1.00			2.00	<0.87	<8.28
234463	03-Aug-89 F23	<0.41	<0.62			3.45	<3.39	<1.17
234463	31-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
234546	02-May-90 F26	<0.72	<1.00	<1.00	<3.20			
234547	10-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
234547	31-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
234547	30-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
234547	02-May-90 F26	<0.72	<1.00	<1.00	<3.20			
235539	26-Aug-88 F19	<0.72	<1.00					
235619	31-Jul-89 F23	0.27	<0.62			<3.09	<3.39	<1.17
235619	31-Oct-89 F24	14.00	<0.62			<3.09	<3.39	<1.17
235735	31-Jul-89 F23	<0.41	<0.62			<3.09	13.20	<1.17
235735	31-Oct-89 F24	3.00	<0.62			<3.09	<3.39	<1.17
236122	12-Jul-88 A19	0.23						
405651	31-Jul-89 F23	<0.41	<0.62			<3.09	7.22	<1.17

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
405651	31-Oct-89 F24	<0.88	11.30	0.89	8.60			<1.50	<0.81	<0.99		<0.51	
405651	02-May-90 F26	<1.00	6.09	1.44	17.80			<1.90	<1.00	<1.00	4.51	<0.50	<1.30
409546	10-May-89 F22	<1.00	0.62	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
409546	20-Jul-89 F23	<0.88	<1.10	<0.49	1.01			<1.50	<0.81	<0.99		<0.51	
409546	18-Oct-89 F24	<0.88	<1.10	0.77	<0.56			<1.50	<0.81	<0.99		<0.51	
409546	17-Apr-90 F26	<1.00	1.20	<1.00	<0.50			<1.90	<1.00	<1.00	1.49	<0.50	<1.30
409547	13-Nov-87 A16	<0.20	0.90	<0.20		<0.20	<0.20	<0.20	0.50	<0.20	<0.20	<0.20	
409547	26-Apr-90 F26	<1.00	4.62	<1.00	<0.50			<1.90	1.05	<1.00	<0.78	<0.50	<1.30
409547	20-Jul-90 F27	<1.00	4.17	<1.00	<0.50			<1.90	1.10	<1.00	<0.78	<0.50	<1.30
409547	18-Sep-90 F28	<1.00	2.93	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
409548	10-May-89 F22	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
409548	20-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
409548	18-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
409548	17-Apr-90 F26	<1.00	1.17	<1.00	<0.50			<1.90	<1.00	<1.00	1.52	<0.50	<1.30
409549	17-Aug-88 F19	<1.00	220.00	10.30	7.42			<1.90	22.20	<1.00		1.12	
409549	18-Apr-90 F26	<5.00	200.00	8.50	<2.50			<9.50	15.00	<5.00	18.00	<2.50	<6.50
409549	23-Jul-90 F27	<1.00	150.00	5.60	<0.50			<1.90	25.00	<1.00	8.10	<0.50	<1.30
409549	18-Sep-90 F28	<1.00	180.00	6.70	<0.50			<1.90	37.00	<1.00	5.60	<0.50	<1.30
409550	10-May-89 F22	<2.00	78.00	11.00	2.00			<3.80	47.00	5.60		<1.00	
409550	20-Oct-89 F24	<4.40	110.00	8.60	6.40			<7.50	35.00	12.00		<2.60	
409550	24-Apr-90 F26	<1.00	220.00	18.00	4.10			<1.90	83.00	7.30	23.00	1.50	<1.30
409550	20-Jul-90 F27	<1.00	260.00	19.00	<0.50			<1.90	86.00	3.55	23.00	0.71	<1.30
409550	18-Sep-90 F28	2.91	940.00	55.80	6.63			<1.90	400.00	3.15	34.60	1.15	<1.30
409555	17-Aug-88 F19	<1.00	1.04	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
409556	10-May-89 F22	<1.00	1.53	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
409556	21-Jul-89 F23	<0.88	1.42	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
409556	17-Oct-89 F24	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
409556	17-Apr-90 F26	<1.00	0.98	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
409557	13-Nov-87 A16	<0.20	0.50	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
409557	04-May-89 F22	<1.00	0.62	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
409557	21-Jul-89 F23	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
409557	27-Oct-89 F24	<0.88	1.40	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
409557	26-Apr-90 F26	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
409595	30-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10

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TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
405651	31-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
405651	02-May-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
409546	10-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
409546	20-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	2.23
409546	18-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
409546	17-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
409547	13-Nov-87 A16	<0.20						
409547	26-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
409547	20-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
409547	18-Sep-90 F28	<0.72	<1.00	<1.00	3.52			
409548	10-May-89 F22	<0.72	<1.00			<0.41	1.05	<8.28
409548	20-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	2.71
409548	18-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	1.48
409548	17-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
409549	17-Aug-88 F19	<0.72	<1.00					
409549	18-Apr-90 F26	<3.60	<5.00	<5.00	<16.00			
409549	23-Jul-90 F27	<0.72	<1.00	<1.00	20.00			
409549	18-Sep-90 F28	<0.72	<1.00	<1.00	<3.20			
409550	10-May-89 F22	<1.40	<2.00			<0.82	<1.70	<17.00
409550	20-Oct-89 F24	<2.00	<3.10			<15.00	<17.00	18.00
409550	24-Apr-90 F26	<0.72	<1.00	<1.00	8.20			
409550	20-Jul-90 F27	<0.72	<1.00	<1.00	<3.20			
409550	18-Sep-90 F28	1.90	<1.00	2.50	3.40			
409555	17-Aug-88 F19	<0.72	<1.00					
409556	10-May-89 F22	<0.72	<1.00			2.28	3.07	<8.28
409556	21-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	<1.17
409556	17-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
409556	17-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
409557	13-Nov-87 A16	<0.20						
409557	04-May-89 F22	<0.72	<1.00			<0.41	<0.87	<8.28
409557	21-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	3.21
409557	27-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
409557	26-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
409595	30-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCLE	1,2-Di chloro ethane 12DCLE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
409596	30-Nov-87 F16	<0.88	2.30	0.61	<0.56			<1.50	6.49	<0.99	2.07	<0.51	<1.10
409596	25-Apr-90 F26	<1.00	0.56	1.21	<0.50			<1.90	<1.00	<1.00	3.41	<0.50	<1.30
409597	30-Nov-87 F16	<18.00	250.00	<10.00	<11.00			<30.00	58.00	<20.00	<14.00	<10.00	<22.00
409597	25-Apr-90 F26	<1.00	123.93	9.05	3.25			<1.90	8.19	<1.00	17.49	0.74	<1.30
409598	30-Nov-87 F16	<88.00	1300.00	<49.00	<56.00			<150.00	230.00	<99.00	<72.00	<51.00	<110.00
500691	17-Oct-89 F24	<0.88	2.13	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
500691	19-Apr-90 F26	<1.00	2.91	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
500691	20-Jul-90 F27	<1.00	1.64	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
500691	18-Sep-90 F28	<1.00	4.29	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
508115	18-Oct-89 F24	<0.88	1.57	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
508115	19-Apr-90 F26	<1.00	1.35	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
508115	20-Jul-90 F27	<1.00	5.48	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
508115	18-Sep-90 F28	<1.00	3.74	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
BOYLE	18-Oct-89 F24	<0.88	1.43	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
BOYLE	20-Oct-89 F24												
MDH RAL	01-Feb-86 F17	6.6	31	7	70			0.15	200	14		3.8	
MNDOT	07-Nov-88 F20	<1.00	<0.50	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
PJ#003	19-Nov-87 F16	<0.88	6.83	<0.49	<0.56			<1.50	0.85	<0.99	<0.72	<0.51	<1.10
PJ#027	20-Nov-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
PJ#074	03-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
PJ#074	19-Aug-88 F19	<1.00	7.99	<1.00	<0.50			<1.90	1.99	<1.00		<0.50	
PJ#309	18-Nov-88 A20	<0.50	337.00	6.70		3.70	<0.50	<0.50	138.00	<0.50	18.00	3.00	
PJ#309	16-Mar-89 A21	<1.00	200.00	13.00		6.30	<1.00	<1.00	63.00	<1.00	22.00	<1.00	
PJ#309	20-Apr-89 A22	<0.20	320.00	13.00		4.00	<0.20	<1.00	45.00	<0.20	19.00	<0.20	
PJ#309	19-Jul-89 A23	<1.00	190.00	22.00		5.30	<1.00	<5.00	48.00	<1.00	20.00	<1.00	
PJ#309	23-Oct-89 A24	<2.00	270.00	21.00		4.10	<2.00	<10.00	68.00	<2.00	28.00	<2.00	
PJ#309	18-Jan-90 A25	<2.00	260.00	21.00		7.70	<2.00	<10.00	68.00	<2.00	37.00	<2.00	
PJ#309	08-May-90 A26	<0.50	280.00	15.00		5.30	<0.50	<0.50	52.00	<0.50	18.00	<0.50	<0.50
PJ#309	13-Jul-90 A27	<2.500	250.00	23.00		8.40		<3.800	57.00	<2.500	30.00	<0.500	<0.800
PJ#310	16-Mar-89 A21	<1.00	470.00	38.00		10.00	<1.00	<1.00	180.00	<1.00	48.00	5.40	
PJ#310	20-Apr-89 A22	<0.20	700.00	47.00		8.20	<0.20	<1.00	150.00	0.20	30.00	0.60	
PJ#310	19-Jul-89 A23	<2.00	480.00	74.00		11.00	<2.00	<10.00	240.00	<2.00	46.00	<2.00	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
409596	30-Nov-87 F16	<0.41	<0.62	<4.50	<1.80			
409596	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
409597	30-Nov-87 F16	<8.20	<12.00	<90.00	<36.00			
409597	25-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
409598	30-Nov-87 F16	<41.00	<62.00	<450.00	<180.00			
500691	17-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	1.82
500691	19-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
500691	20-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
500691	18-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
508115	18-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
508115	19-Apr-90 F26	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
508115	20-Jul-90 F27	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
508115	18-Sep-90 F28	<0.72	<1.00	<1.00	<3.20	<0.41	<0.87	<8.28
BOYLE	18-Oct-89 F24	<0.41	<0.62					
BOYLE	20-Oct-89 F24					<3.09	<3.39	<1.17
MDH RAL	01-Feb-86 F17	57	5.6			7	2420	400
MNDOT	07-Nov-88 F20	<0.72	<1.00					
PJ#003	19-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
PJ#027	20-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
PJ#074	03-Dec-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
PJ#074	19-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
PJ#309	18-Nov-88 A20	<0.50						
PJ#309	16-Mar-89 A21	<1.00						
PJ#309	20-Apr-89 A22	0.50						
PJ#309	19-Jul-89 A23	<1.00						
PJ#309	23-Oct-89 A24	<2.00						
PJ#309	18-Jan-90 A25	<2.00						
PJ#309	08-May-90 A26	<0.50	<0.50		2.90			
PJ#309	13-Jul-90 A27	<1.200	<0.500		4.00			
PJ#310	16-Mar-89 A21	<1.00						
PJ#310	20-Apr-89 A22	0.40						
PJ#310	19-Jul-89 A23	<2.00						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
PJ#310	11-Oct-89 A24	<2.00	560.00	63.00		5.60	<2.00	<10.00	220.00	<2.00	35.00	<2.00	
PJ#310	19-Jan-90 A25	<0.20	630.00	46.00		9.80	<0.20	<1.00	230.00	<0.20	47.00	<0.20	
PJ#310	08-May-90 A26	<0.50	500.00	36.00		6.70	<0.50	<0.50	140.00	<0.50	24.00	0.60	<0.50
PJ#310	13-Jul-90 A27	<10.000	690.00	65.00		10.00		<15.000	240.00	<10.000	54.00	<2.000	<3.000
PJ#311	16-Mar-89 A21	<5.00	150.00	<5.00		<5.00	<5.00	<5.00	36.00	<5.00	<5.00	<5.00	
PJ#311	20-Apr-89 A22	<0.20	82.00	3.30		0.40	<0.20	<1.00	16.00	<0.20	1.10	<0.20	
PJ#311	19-Jul-89 A23	<0.40	67.00	5.00		0.60	<0.40	<2.00	21.00	<0.40	1.10	<0.40	
PJ#311	24-Oct-89 A24	<0.40	52.00	3.20		<0.40	<0.40	<2.00	15.00	<0.40	<0.40	<0.40	
PJ#311	19-Jan-90 A25	<0.40	47.00	1.40		<0.40	<0.40	<2.00	13.00	<0.40	0.90	<0.40	
PJ#311	08-May-90 A26	<0.50	17.00	<0.50		<0.50	<0.50	<0.50	4.00	<0.50	<0.50	<0.50	<0.50
PJ#311	13-Jul-90 A27	<1.000	30.00	1.90		<0.500		<1.500	8.40	<1.000	0.60	<0.200	<0.300
PJ#313	16-Mar-89 A21	<1.00	18.00	<1.00		<1.00	<1.00	<1.00	3.30	<1.00	<1.00	<1.00	
PJ#313	20-Apr-89 A22	<0.20	27.00	<1.00		<0.20	<0.20	<1.00	2.90	<0.20	0.90	<0.20	
PJ#313	19-Jul-89 A23	<0.20	25.00	2.10		<0.20	<0.20	<1.00	7.70	<0.20	0.50	<0.20	
PJ#313	23-Oct-89 A24	<0.20	15.00	0.60		<0.20	<0.20	<1.00	3.00	<0.20	0.40	<0.20	
PJ#313	19-Jan-90 A25	<0.20	14.00	0.30		<0.20	<0.20	<1.00	2.50	<0.20	0.40	<0.20	
PJ#313	08-May-90 A26	<0.50	17.00	<0.50		<0.50	<0.50	<0.50	1.20	<0.50	<0.50	<0.50	<0.50
PJ#313	13-Jul-90 A27			<0.300		<0.500		<1.500	1.90	<1.000	<0.200	<0.200	<0.300
PJ#318	24-Aug-88 F19	<1.00	4.26	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
PJ#318	09-Nov-88 F20	<1.00	3.20	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
PJ#318	06-Feb-89 A21	<1.00	5.90	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
PJ#318	02-May-89 F22	<1.00	1.85	<1.00	<0.50			<1.90	<1.00	<1.00		<0.50	
PJ#318	19-Jul-89 F23	<0.88	2.70	<0.49	<0.56			<1.50	<0.81	<0.99		<0.51	
PJ#318	18-Oct-89 F24	<0.88	4.47	0.73	1.14			<1.50	<0.81	<0.99		<0.51	
PJ#318	17-Apr-90 F26	<1.00	4.68	<1.00	<0.50			<1.90	<1.00	<1.00	<0.78	<0.50	<1.30
PJ#502	18-Nov-87 F16	<0.88	7.65	<0.49	<0.56			<1.50	1.71	<0.99	<0.72	<0.51	<1.10
PJ#503	18-Nov-87 F16	<8.80	130.00	<4.90	<5.60			<15.00	29.00	<9.90	<7.20	<5.10	<11.00
PJ#506	19-Nov-87 F16	<44.00	890.00	<24.00	<28.00			<75.00	180.00	<50.00	<36.00	<26.00	<55.00
PJ#507	18-Nov-87 F16	<44.00	890.00	<24.00	<28.00			<75.00	190.00	<50.00	<36.00	<26.00	<55.00
PJ#508	23-Aug-88 F19	<20.00	790.00	45.00	61.00			<38.00	250.00	<20.00		<10.00	
PJ#802	02-Dec-87 F16	<0.88	<1.10	<0.49	<0.56			<1.50	<0.81	<0.99	<0.72	<0.51	<1.10
PJ#806	02-Dec-87 F16	<44.00	490.00	<24.00	<28.00			<75.00	130.00	<50.00	<36.00	<26.00	<55.00
PJ#806	19-Jan-88 A17	<0.20	1870.00	190.00		35.00	<0.20	0.70	685.00	0.54	121.00	3.40	
PJ#806	12-May-88 A18	<0.20	356.00	24.00		6.10	<0.20	<0.20	209.00	<0.20	29.00	0.75	

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TXYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
PJ#310	11-Oct-89 A24	<2.00						
PJ#310	19-Jan-90 A25	<0.20						
PJ#310	08-May-90 A26	<0.50	<0.50		3.40			
PJ#310	13-Jul-90 A27	<5.000	<2.000					
PJ#311	16-Mar-89 A21	<5.00						
PJ#311	20-Apr-89 A22	<0.20						
PJ#311	19-Jul-89 A23	<0.40						
PJ#311	24-Oct-89 A24	<0.40						
PJ#311	19-Jan-90 A25	<0.40						
PJ#311	08-May-90 A26	<0.50	<0.50		<0.50			
PJ#311	13-Jul-90 A27	<0.500	<0.200		<1.000			
PJ#313	16-Mar-89 A21	<1.00						
PJ#313	20-Apr-89 A22	<0.20						
PJ#313	19-Jul-89 A23	0.40						
PJ#313	23-Oct-89 A24	<0.20						
PJ#313	19-Jan-90 A25	<0.20						
PJ#313	08-May-90 A26	<0.50	<0.50		2.70			
PJ#313	13-Jul-90 A27	<0.500	<0.200		1.40			
PJ#318	24-Aug-88 F19	<0.72	<1.00			<0.41	<0.87	<8.28
PJ#318	09-Nov-88 F20	<0.72	<1.00					
PJ#318	06-Feb-89 A21	<1.00						
PJ#318	02-May-89 F22	<0.72	<1.00			1.71	12.80	19.00
PJ#318	19-Jul-89 F23	<0.41	<0.62			<3.09	<3.39	1.61
PJ#318	18-Oct-89 F24	<0.41	<0.62			<3.09	<3.39	<1.17
PJ#318	17-Apr-90 F26	<0.72	<1.00	<1.00	<3.20			
PJ#502	18-Nov-87 F16	<0.41	<0.62	<4.50	<1.80	<3.09	<3.39	<1.17
PJ#503	18-Nov-87 F16	<4.10	<6.20	<45.00	<18.00	<3.09	<3.39	<1.17
PJ#506	19-Nov-87 F16	<20.00	<31.00	<220.00	<90.00	<3.09	<3.39	<1.17
PJ#507	18-Nov-87 F16	<20.00	<31.00	<220.00	<90.00	<3.09	<3.39	1.46
PJ#508	23-Aug-88 F19	<14.00	<20.00			<8.20	<17.00	<170.00
PJ#802	02-Dec-87 F16	<0.41	<0.62	<4.50	<1.80			
PJ#806	02-Dec-87 F16	<20.00	<31.00	<220.00	<90.00			
PJ#806	19-Jan-88 A17	0.81						
PJ#806	12-May-88 A18	0.22						

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	Vinyl Chloride C2H3CL	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,1-Di chloro ethane 11DCE	1,2-Di chloro ethane 12DCE	Carbon Tetra chloride CCL4
TCAAP GW CRITERIA		0.7	2.8	0.24		70	70	0.015	22	6.1		0.4	
PJ#806	04-Aug-88 A19	<0.20	103.00	9.70		4.80	<0.20	<0.20	28.00	<0.20	16.00	<0.20	
PJ#806	21-Oct-88 A20	<0.50	110.00	7.70		7.10	<0.50	<0.50	39.00	<0.50	23.00	<1.00	
PJ#806	16-Oct-89 A24	<2.00	250.00	34.00		6.90	<2.00	<10.00	71.00	<2.00	37.00	<2.00	
PJ#806	23-Apr-90 A26	<0.50	770.00	77.00		9.30	<0.50	<0.50	50.00	<0.50	82.00	<0.50	0.90
Max Count	1641	1100.00 1622	120000.00 1622	1800.00 1620	3300.00 974	4700.00 649	110.00 644	140.00 1619	16250.00 1620	110.00 1620	3600.00 994	150.00 1618	34.20 460

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TABLE 2  
TCAAP GROUNDWATER QUALITY DATA (ORGANICS) - ug/l

Well	Date Qtr	Chloro form CHCL3	1,2-Di chloro propane 12DCLP	1,1,2-Trichloro -2,2,1-Trifluoro ethane TCLTFE	Methylene Chloride CH2CL2	Benzene C6H6	Toluene MEC6H5	Total Xylenes TKYLEN
TCAAP GW CRITERIA		0.19	6			0.7	2000	440
PJ#806	04-Aug-88 A19	<0.20						
PJ#806	21-Oct-88 A20	<0.50						
PJ#806	16-Oct-89 A24	<2.00						
PJ#806	23-Apr-90 A26	<0.50	<0.50		<0.50			
Max		1090.00	5.60	2.50	5400.00	10.90	2420.00	400.00
Count	1641	1620	1085	352	452	666	666	665

### TABLE 3

#### TCAAP Groundwater Quality Data (Inorganics)

Notes:

1. Qtr = Quarter. Under this heading, F = FCC and A = Alliant Techsystem, Inc.
2. The parameters are grouped by chemical categories as separated by vertical lines. The first grouping consists of Category 2, mercury is Category 3, the following parameters are Category 4, radionuclides are Category 8, and zinc is Category 9.
3. Well designations with a "B" represent duplicate samples collected for QA/QC purposes.
4. TCAAP GW Criteria = groundwater action criteria set forth in Table 3.7A of the Federal Facilities Agreement

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
01L811	25-Nov-87	F16														<0.70
01L813	25-Nov-87	F16														<0.70
01L816	25-Nov-87	F16														<0.70
01L821	30-Nov-87	F16														<0.70
01L822	01-Dec-87	F16														<0.70
01L823	01-Dec-87	F16														<0.70
01U022	05-Apr-88	F18		<6.01	570.00		<0.37	<2.50			5.02	<1.26				
01U034	11-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	0.19	<2.18	1.49	910.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U034	14-Nov-88	F20		<6.01	177.00		<0.37	<2.50			8.66	<1.26				
01U035	14-Nov-88	F20		<6.01	78.90		<0.37	<2.50			<5.32	<1.26				
01U036	11-Nov-87	F16	<1.93	<4.81	24.50	<1.47	0.53	<2.18	1.53	47.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U036	14-Nov-88	F20		<6.01	26.80		0.67	<2.50			<5.32	<1.26				
01U037	07-Apr-88	F18		<6.01	80.10		<0.37	<2.50			<5.32	<1.26				
01U038	06-Apr-88	F18		<6.01	148.00		<0.37	<2.50			<5.32	<1.26				
01U039	06-Apr-88	F18		<6.01	41.50		<0.37	<2.50			<5.32	<1.26				
01U040	05-Apr-88	F18		<6.01	142.00		<0.37	<2.50			5.07	<1.26				
01U041	05-Apr-88	F18		<6.01	49.10		0.66	<2.50			<5.32	<1.26				
01U045	08-Aug-88	F19		<6.01	160.00		0.36	<2.50			<5.32	<1.26				
01U050	16-Nov-87	F16	2.13	8.25	<220.00	<1.47	0.34	<2.18	1.49	8500.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U050	07-Apr-88	F18		<6.01	200.00		<0.37	<2.50			<5.32	<1.26				
01U050	15-Aug-88	F19		<6.01	190.00		<0.37	<2.50			<5.32	<1.26				<0.74
01U051	16-Nov-87	F16	2.57	<4.81	<220.00	<1.47	0.68	3.54	1.39	12.70	<5.94	4.18	<10.00	<3.06	3.94	<0.70
01U051	07-Apr-88	F18		<6.01	112.00		<0.37	<2.50			<5.32	<1.26				
01U051	15-Aug-88	F19		<6.01	69.50		<0.37	<2.50			<5.32	<1.26				<0.74

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
01L811	25-Nov-87	F16								
01L813	25-Nov-87	F16								
01L816	25-Nov-87	F16								
01L821	30-Nov-87	F16								
01L822	01-Dec-87	F16								
01L823	01-Dec-87	F16								
01U022	05-Apr-88	F18								
01U034	11-Nov-87	F16								<29.40
01U034	14-Nov-88	F20								
01U035	14-Nov-88	F20								
01U036	11-Nov-87	F16								<29.40
01U036	14-Nov-88	F20								
01U037	07-Apr-88	F18								
01U038	06-Apr-88	F18								
01U039	06-Apr-88	F18								
01U040	05-Apr-88	F18								
01U041	05-Apr-88	F18								
01U045	08-Aug-88	F19								<25.00
01U050	16-Nov-87	F16	<8.35				<1.00	6.00		
01U050	07-Apr-88	F18								
01U050	15-Aug-88	F19	<8.17							<25.00
01U051	16-Nov-87	F16								<29.40
01U051	07-Apr-88	F18								
01U051	15-Aug-88	F19	<8.17							<25.00

TABLE 3  
TCAAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAAP GW CRITERIA				50	1000		5	50			150	20				2
01U053	16-Nov-87	F16	2.38	6.19	<220.00	<1.47	0.53	2.78	1.93	1800.00	<5.94	3.06	<10.00	<3.06	<2.70	
01U053	15-Aug-88	F19		<6.01	99.00		0.36	<2.50			<5.32	<1.26				<0.74
01U054	16-Nov-87	F16	<1.93	5.67	<220.00	<1.47	0.92	2.88	3.12	4000.00	<5.94	<2.65	<10.00	<3.06	<2.70	
01U054	15-Aug-88	F19		<6.01	53.50		<0.37	<2.50			<5.32	<1.26				<0.74
01U060	19-Nov-87	F16	<1.93	10.30	270.00	<1.47	0.63	<2.18	1.44	6000.00	14.00	<2.65	<10.00	<3.06	<2.70	<0.70
01U060	11-Apr-88	F18		<6.01	300.00		1.12	<2.50			9.44	<1.26				<0.70
01U062	16-Nov-87	F16	2.38	<4.81	<220.00	<1.47	0.68	3.74	2.62	16.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U062	07-Apr-88	F18		<6.01	130.00		<0.37	<2.50			<5.32	<1.26				<0.70
01U062	16-Aug-88	F19		<6.01	150.00		0.38	<2.50			<5.32	<1.26				<0.74
01U063	05-Apr-88	F18		<6.01	82.50		<0.37	<2.50			<5.32	<1.26				
01U067	05-Apr-88	F18		<6.01	60.50		<0.37	<2.50			<5.32	<1.26				
01U072	07-Apr-88	F18		<6.01	60.00		<0.37	<2.50			14.50	<1.26				
01U085	11-Nov-87	F16	3.12	16.50	530.00	<1.47	0.19	2.73	2.08	2000.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U085	10-Aug-88	F19		43.90	500.00		<0.37	<2.50			<5.32	<1.26				<0.70
01U098	19-Nov-87	F16	4.01	<4.81	<220.00	<1.47	0.34	6.67	3.32	140.00	12.90	3.47	<10.00	<3.06	<2.70	<0.70
01U098	11-Apr-88	F18		<6.01	190.00		0.71	<2.50			<5.32	<1.26				<0.70
01U100	07-Apr-88	F18		<6.01	290.00		<0.37	<2.50			9.05	<1.26				
01U101	14-Nov-88	F20		<6.01	177.00		0.40	<2.50			<5.32	<1.26				
01U103	11-Nov-87	F16	3.91	<4.81	<220.00	<1.47	0.34	3.79	2.92	62.00	14.50	2.86	14.60	6.38	<2.70	<0.70
01U107	08-Apr-88	F18		<6.01	170.00		0.58	<2.50			<5.32	<1.26				
01U108	16-Nov-87	F16		<4.81	<220.00	<1.47	<0.10	<2.18	1.98	2000.00	8.28	<2.65	<10.00	<3.06	<2.70	<0.70
01U108	17-Nov-87	F16	<1.93	<6.01	121.00		<0.37	<2.50			5.72	<1.26				<0.70
01U108	11-Apr-88	F18		<6.01	121.00		<0.37	<2.50								<0.70
01U109	08-Apr-88	F18		<6.01	107.00		<0.37	<2.50			<5.32	<1.26				
01U110	08-Apr-88	F18		<6.01	35.00		<0.37	<2.50			<5.32	<1.26				
01U115	11-Nov-87	F16	<1.93	<4.81	70.60	<1.47	<0.10	<2.18	3.61	120.00	<5.94	2.70	<10.00	<3.06	<2.70	<0.70

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) -- ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
01U053	16-Nov-87	F16	<8.35							<29.40
01U053	15-Aug-88	F19	<8.17							<25.00
01U054	16-Nov-87	F16					<1.00	<1.00		
01U054	15-Aug-88	F19	<8.17							<25.00
01U060	19-Nov-87	F16								67.10
01U060	11-Apr-88	F18								
01U062	16-Nov-87	F16								<29.40
01U062	07-Apr-88	F18								
01U062	16-Aug-88	F19	<8.17							<25.00
01U063	05-Apr-88	F18	<8.17							
01U067	05-Apr-88	F18								
01U072	07-Apr-88	F18	<8.17							
01U085	11-Nov-87	F16								<29.40
01U085	10-Aug-88	F19								25.00
01U098	19-Nov-87	F16								<29.40
01U098	11-Apr-88	F18								
01U100	07-Apr-88	F18								
01U101	14-Nov-88	F20								
01U103	11-Nov-87	F16								<29.40
01U107	08-Apr-88	F18								
01U108	16-Nov-87	F16								<29.40
01U108	17-Nov-87	F16	<8.35							
01U108	11-Apr-88	F18	<8.17							
01U109	08-Apr-88	F18								
01U110	08-Apr-88	F18								
01U115	11-Nov-87	F16								<29.40

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
01U115	11-Apr-88	F18		<6.01	25.90		<0.37	<2.50			<5.32	<1.26				
01U115	15-Nov-88	F20														
01U116	11-Nov-87	F16	<1.93	6.19	125.00	<1.47	<0.10	<2.18	3.17	280.00	<5.94	3.16	<10.00	<3.06	<2.70	<0.70
01U116	06-Apr-88	F18		6.63	102.00		<0.37	<2.50			<5.32	<1.26				
01U116	15-Nov-88	F20														
01U117	11-Nov-87	F16	3.61	<4.81	<220.00	<1.47	0.19	3.74	2.97	950.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U117	06-Apr-88	F18		<6.01	200.00		<0.37	<2.50			<5.32	<1.26				
01U117	15-Nov-88	F20														
01U118	11-Nov-87	F16	<1.93	<4.81	83.30	<1.47	0.15	<2.18	1.93	18.50	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U118	07-Apr-88	F18		<6.01	57.40		<0.37	<2.50			<5.32	<1.26				
01U118	15-Nov-88	F20														
01U119	11-Nov-87	F16	3.51	<4.81	<220.00	<1.47	0.39	3.89	1.98	1200.00	<5.94	2.76	<10.00	<3.06	<2.70	<0.70
01U119	07-Apr-88	F18		<6.01	140.00		<0.37	<2.50			<5.32	<1.26				
01U119	15-Nov-88	F20														
01U120	11-Nov-87	F16	<1.93	<4.81	40.20	<1.47	0.34	<2.18	2.18	180.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U120	07-Apr-88	F18		<6.01	31.20		<0.37	<2.50			<5.32	<1.26				
01U120	15-Nov-88	F20														
01U122	09-Dec-87	F16	<1.93	<4.81	240.00	<1.47	0.21	<2.18	2.72	610.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U122	05-Apr-88	F18		<6.01	128.00		<0.37	<2.50			<5.32	<1.26				
01U125	08-Dec-87	F16	<1.93	<4.81	45.10	<1.47	0.15	3.54	2.03	9.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U125	11-Apr-88	F18		<6.01	18.30		<0.37	<2.50			<5.32	<1.26				
01U125	17-Nov-88	F20														
01U126	08-Dec-87	F16	<1.93	<4.81	98.00	<1.47	0.18	<2.18	2.62	390.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
01U126	06-Apr-88	F18		<6.01	60.30		<0.37	<2.50			<5.32	<1.26				
01U126	17-Nov-88	F20														
01U127	11-Dec-87	F16	<1.93	5.67	99.00	<1.47	0.23	2.53	1.98	9.50	<5.94	<2.65	10.80	<3.06	<2.70	<0.70
01U127	06-Apr-88	F18		<6.01	56.90		<0.37	<2.50			<5.32	<1.26				
01U127	14-Nov-88	F20														
01U128	09-Dec-87	F16	<1.93	20.60	280.00	<1.47	0.38	2.53	1.53	4500.00	<5.94	3.57	<10.00	<3.06	<2.70	<0.70
01U128	05-Apr-88	F18		15.10	330.00		<0.37	<2.50			<5.32	<1.26				
01U128	08-Aug-88	F19		19.90	290.00		<0.37	6.01			<5.32	<1.26				<0.74
01U128	16-Nov-88	F20														

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) -- ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
01U115	11-Apr-88	F18	<8.17							
01U115	15-Nov-88	F20	<8.17							
01U116	11-Nov-87	F16								<29.40
01U116	06-Apr-88	F18								
01U116	15-Nov-88	F20	<8.17							
01U117	11-Nov-87	F16								<29.40
01U117	06-Apr-88	F18	<8.17							
01U117	15-Nov-88	F20	<8.17							
01U118	11-Nov-87	F16								<29.40
01U118	07-Apr-88	F18	<8.17							
01U118	15-Nov-88	F20	<8.17							
01U119	11-Nov-87	F16								<29.40
01U119	07-Apr-88	F18	<8.17							
01U119	15-Nov-88	F20	<8.17							
01U120	11-Nov-87	F16								<29.40
01U120	07-Apr-88	F18	<8.17							
01U120	15-Nov-88	F20	<8.17							
01U122	09-Dec-87	F16								<29.40
01U122	05-Apr-88	F18								
01U125	08-Dec-87	F16								<29.40
01U125	11-Apr-88	F18	<8.17							
01U125	17-Nov-88	F20	<8.17							
01U126	08-Dec-87	F16								<29.40
01U126	06-Apr-88	F18	<8.17							
01U126	17-Nov-88	F20	<8.17							
01U127	11-Dec-87	F16								<29.40
01U127	06-Apr-88	F18	<8.17							
01U127	14-Nov-88	F20	<8.17							
01U128	09-Dec-87	F16								<29.40
01U128	05-Apr-88	F18								25.80
01U128	08-Aug-88	F19	<8.17							<25.00
01U128	16-Nov-88	F20								41.40

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
01U130	07-Dec-87	F16	<1.93	5.15	500.00	<1.47	0.29	3.03	3.22	7500.00	7.76	<2.65	<10.00	<3.06	<2.70	
01U130	15-Aug-88	F19		<6.01	240.00		0.58	<2.50			<5.32	<1.26				<0.74
01U133	11-Dec-87	F16	<1.93	5.67	320.00	<1.47	1.17	<2.18	5.94	600.00	13.50	<2.65	12.30	<3.06	<2.70	<0.70
01U133	12-Aug-88	F19		<6.01	240.00		<0.37	<2.50			<5.32	<1.26				
01U133	14-Nov-88	F20														
01U135	21-Nov-88	F20		<6.01	91.00		<0.37	<2.50			<5.32	<1.26				
01U136	21-Nov-88	F20		<6.01	490.00		1.00	<2.50			<27.00	1.92				
01U350	13-Sep-88	F19		<6.01	240.00		<0.37	<2.50			9.79	<1.26				
01U350	21-Sep-88	F19		<6.01	103.00		<0.37	<2.50			5.49	<1.26				
01U350	27-Sep-88	F19		<6.01	108.00		<0.37	<2.50			6.88	3.70				
01U350	04-Oct-88	F20		<6.01	100.00		<0.37	<2.50			8.88	6.79				
01U350	19-Oct-88	F20		<6.01	96.50		<0.37	<2.50			<5.32	<1.26				
01U350	25-Oct-88	F20		<6.01	96.80		<0.37	<2.50			<5.32	21.00				
01U350	08-Nov-88	F20		<6.01	123.00		<0.37	<2.50			<5.32	<1.26				
01U350	29-Nov-88	F20		<6.01	137.00		<0.37	<2.50			<5.32	<1.26				
01U350	06-Dec-88	F20		<6.01	125.00		<0.37	<2.50			<5.32	<1.26				
01U350	20-Dec-88	F20		<6.01	131.00		<0.37	<2.50			<5.32	<1.26				
01U350	17-Jan-89	F21		<6.01	101.00		<0.37	<2.50			<5.32	<1.26				
01U350	21-Feb-89	F21					<0.37									
01U350	17-Jul-90	F27		<6.01	184.00		<0.37	<2.50			4.99	1.61				
01U350	18-Sep-90	F27		<6.01	150.00		<0.37	<2.50			5.67	1.40				
01U524	16-Nov-87	F16		<4.81												
01U524	17-Nov-87	F16	3.22		<220.00	<1.47	0.68	4.45	2.48		<5.94	2.86	<10.00	<3.06	3.83	<0.70
01U524	07-Apr-88	F18		<6.01	130.00		<0.37	<2.50			<5.32	<1.26				
01U524	16-Aug-88	F19		<6.01	200.00		<0.37	<2.50			<5.32	<1.26				<0.74
01U525	16-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	0.44	2.33	3.22	35.00	<5.94	3.06	<10.00	<3.06	<2.70	<0.70
01U525	07-Apr-88	F18		<6.01	81.00		<0.37	<2.50			<5.32	<1.26				
01U525	15-Aug-88	F19		<6.01	200.00		<0.37	<2.50			<5.32	<1.26				<0.74
01U526	17-Nov-87	F16	2.92	<4.81	<220.00	<1.47	0.92	5.46	2.57	20.00	6.21	<2.65	<10.00	4.32	<2.70	<0.70
01U526	07-Apr-88	F18		<6.01	84.00		<0.37	<2.50			<5.32	<1.26				
01U526	15-Aug-88	F19		<6.01	69.90		<0.37	<2.50			<5.32	<1.26				<0.74
01U527	17-Nov-87	F16	<1.93	<4.81	270.00	<1.47	0.19	3.29	1.63	42.00	<5.94	<2.65	<10.00	<3.06	5.11	
01U527	11-Apr-88	F18		<6.01	420.00		<0.37	<2.50			<5.32	<1.26				

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
01U130	07-Dec-87	F16					1.60	1.50		<29.40
01U130	15-Aug-88	F19	<8.17							<25.00
01U133	11-Dec-87	F16								85.20
01U133	12-Aug-88	F19								
01U133	14-Nov-88	F20	<8.17							
01U135	21-Nov-88	F20	<8.17							
01U136	21-Nov-88	F20	<8.17							
01U350	13-Sep-88	F19								
01U350	21-Sep-88	F19								
01U350	27-Sep-88	F19								
01U350	04-Oct-88	F20								
01U350	19-Oct-88	F20								
01U350	25-Oct-88	F20								
01U350	08-Nov-88	F20								
01U350	29-Nov-88	F20								
01U350	06-Dec-88	F20								
01U350	20-Dec-88	F20								
01U350	17-Jan-89	F21								
01U350	21-Feb-89	F21								
01U350	17-Jul-90	F27		950.00		91.00				
01U350	18-Sep-90	F27		890.00	23.5	72.90				
01U524	16-Nov-87	F16								
01U524	17-Nov-87	F16	<8.35				3.50	4.40		<29.40
01U524	07-Apr-88	F18								
01U524	16-Aug-88	F19	<8.17							<25.00
01U525	16-Nov-87	F16								<29.40
01U525	07-Apr-88	F18								<29.40
01U525	15-Aug-88	F19	<8.17							<25.00
01U526	17-Nov-87	F16	10.50				2.50	6.80		<29.40
01U526	07-Apr-88	F18								<29.40
01U526	15-Aug-88	F19	<8.17							<25.00
01U527	17-Nov-87	F16								<29.40
01U527	11-Apr-88	F18								<29.40

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 3  
TCAAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAAP GW CRITERIA				50	1000		5	50			150	20				2
01U527	25-Aug-88	F19		<6.01	260.00		<0.37	<2.50			<5.32	<1.26				<0.74
01U601	07-Dec-87	F16	<1.93	9.28	120.00	<1.47	0.20	<2.18	14.90	150.00	6.73	<2.65	<10.00	<3.06	<2.70	<0.70
01U604	07-Dec-87	F16	<1.93	<4.81	310.00	<1.47	0.46	5.06	3.37	4500.00	98.00	5.10	<10.00	<3.06	<2.70	<0.70
01U611	08-Dec-87	F16	<1.93	7.73	250.00	<1.47	0.28	2.53	2.67	290.00	9.32	<2.65	<10.00	<3.06	<2.70	<0.70
01U615	07-Dec-87	F16	<1.93	<4.81	193.00	<1.47	<0.10	<2.18	2.87	960.00	7.25	<2.65	<10.00	<3.06	<2.70	<0.70
01U617	19-Aug-88	F19		<6.01	134.00		<0.37	<2.50			<5.32	<1.26				<0.74
01U618	19-Aug-88	F19		<6.01	106.00		<0.37	<2.50			<5.32	<1.26				<0.74
01U619	19-Aug-88	F19		<6.01	49.40		<0.37	<2.50			<5.32	<1.26				<0.74
03F302	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	<10.00		<50.00	8.00				<0.20
03F302	19-Jul-89	A23		<2.00	<200.00		<0.10	<1.00	<10.00		<50.00	7.00				<0.20
03F302	24-Oct-89	A24		<5.00	70.00		<8.00	<9.00	<4.00		<16.00	2.00				<0.20
03F302	18-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
03F303	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	710.00		<50.00	91.00				<0.20
03F303	19-Jul-89	A23		3.00	<200.00		1.10	1.00	<10.00		<50.00	12.00				<0.20
03F303	24-Oct-89	A24		<5.00	57.00		<8.00	<9.00	<4.00		<16.00	2.00				<0.20
03F303	18-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	2.00				<0.20
03F304	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	<10.00		<50.00	<1.00				<0.20
03F304	19-Jul-89	A23		<2.00	<200.00		0.10	<1.00	30.00		<50.00	2.00				<0.20
03F304	24-Oct-89	A24		<5.00	92.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
03F304	18-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
03F305	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	10.00		<50.00	12.00				<0.20
03F305	19-Jul-89	A23		<2.00	<200.00		0.20	<1.00	100.00		<50.00	32.00				<0.20
03F305	23-Oct-89	A24		<5.00	100.00		<8.00	<9.00	<4.00		<16.00	16.00				<0.20
03F305	18-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
03F306	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	<10.00		<50.00	12.00				<0.20
03F306	19-Jul-89	A23		<2.00	<200.00		0.20	<1.00	40.00		<50.00	24.00				<0.20
03F306	23-Oct-89	A24		<5.00	45.00		<8.00	<9.00	<4.00		<16.00	3.00				<0.20
03F306	18-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	5.00				<0.20
03F307	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	<10.00		<50.00	57.00				<0.20

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TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
01U527	25-Aug-88	F19	<8.17							<25.00
01U601	07-Dec-87	F16								1010.00
01U604	07-Dec-87	F16	<8.35							1440.00
01U611	08-Dec-87	F16								50.10
01U615	07-Dec-87	F16								50.10
01U617	19-Aug-88	F19	<8.17							<25.00
01U618	19-Aug-88	F19	<8.17							<25.00
01U619	19-Aug-88	F19	<8.17							<25.00
03F302	20-Apr-89	A22	<10.00							<0.01
03F302	19-Jul-89	A23	<10.00		30.00	50.00				<10.00
03F302	24-Oct-89	A24	<10.00		40.00	50.00				29.00
03F302	18-Jan-90	A25	<10.00		40.00					<4.00
03F303	20-Apr-89	A22	<10.00							70.00
03F303	19-Jul-89	A23	<10.00		40.00	280.00				720.00
03F303	24-Oct-89	A24	<10.00		40.00	60.00				<20.00
03F303	18-Jan-90	A25	<10.00		40.00					<4.00
03F304	20-Apr-89	A22	<10.00							<0.01
03F304	19-Jul-89	A23	<10.00		70.00	140.00				50.00
03F304	24-Oct-89	A24	<10.00		70.00	100.00				20.00
03F304	18-Jan-90	A25	<10.00		80.00					<4.00
03F305	20-Apr-89	A22	<10.00							20.00
03F305	19-Jul-89	A23	<10.00		60.00	160.00				120.00
03F305	23-Oct-89	A24	<10.00		70.00	80.00				60.00
03F305	18-Jan-90	A25	<10.00		70.00					<4.00
03F306	20-Apr-89	A22	<10.00							<0.01
03F306	19-Jul-89	A23	<10.00		80.00	210.00				120.00
03F306	23-Oct-89	A24	<10.00		90.00	110.00				<4.00
03F306	18-Jan-90	A25	<10.00		90.00					<4.00
03F307	20-Apr-89	A22	<10.00							<0.01

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WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
03F307	19-Jul-89	A23		<2.00	<200.00		0.40	<1.00	10.00		<50.00	31.00				<0.20
03F307	23-Oct-89	A24		<5.00	81.00		<8.00	<9.00	<4.00		<16.00	5.00				<0.20
03F307	19-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	4.00				<0.20
03F308	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	10.00		<50.00	4.00				<0.20
03F308	19-Jul-89	A23		<2.00	<200.00		<0.10	<1.00	50.00		<50.00	4.00				<0.20
03F308	23-Oct-89	A24		<5.00	81.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
03F308	19-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
03F312	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	<10.00		<50.00	7.00				<0.20
03F312	19-Jul-89	A23		<2.00	<200.00		<0.10	<1.00	<10.00		<50.00	<1.00				<0.20
03F312	24-Oct-89	A24		<5.00	130.00		<8.00	<9.00	92.00		<16.00	110.00				<0.20
03F312	18-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
03L001	16-Nov-87	F16	<1.93	<4.81	<40.00	<1.47	<0.10	<2.18	1.14	280.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L002	17-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	<0.10	<2.18	1.39	1800.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L003	19-Nov-87	F16	<1.93	<4.81	170.00	<1.47	<0.10	<2.18	1.14	520.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L003	11-Aug-88	F19		<6.01	101.00		<0.37	<2.50			<5.32	<1.26				<0.70
03L004	18-Nov-87	F16	<1.93	<4.81	86.00	<1.47	<0.10	<2.18	1.14	580.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L004	09-Aug-88	F19		<6.01	78.80		<0.37	<2.50			<5.32	<1.26				<0.70
03L005	23-Nov-87	F16	<1.93	<4.81	160.00	<1.47	<0.10	<2.18	1.49	700.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L005	10-Aug-88	F19		<6.01	73.40		<0.37	<2.50			<5.32	<1.26				<0.70
03L007	09-Nov-87	F16	<1.93	6.19	240.00	<1.47	<0.10	<2.18	2.08	380.00	<5.94	<2.65	<10.00	<3.06	5.32	<0.70
03L010	09-Nov-87	F16	<1.93	<4.81	31.40	<1.47	<0.10	<2.18	1.09	2.65	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L012	09-Nov-87	F16	<1.93	<4.81	164.00	<1.47	<0.10	<2.18	1.34	800.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L013	10-Nov-87	F16	<1.93	<4.81	190.00	<1.47	<0.10	<2.18	1.49	960.00	<5.94	3.47	<10.00	<3.06	<2.70	<0.70
03L014	23-Nov-87	F16	<1.93	<4.81	180.00	<1.47	0.12	<2.18	15.80	900.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L014	10-Aug-88	F19		<6.01	111.00		<0.37	<2.50			<5.32	<1.26				<0.70
03L017	10-Nov-87	F16	<1.93	<4.81	124.00	<1.47	<0.10	<2.18	1.49	360.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L018	23-Nov-87	F16	<1.93	<4.81	130.00	<1.47	<0.10	<2.18	2.08	470.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L018	08-Apr-88	F18		<6.01	67.00		<0.37	<2.50			<5.32	<1.26				<0.70

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
03F307	19-Jul-89	A23	<10.00		20.00	100.00				30.00
03F307	23-Oct-89	A24	<10.00		30.00	<50.00				11.00
03F307	19-Jan-90	A25	<10.00		30.00					<4.00
03F308	20-Apr-89	A22	<10.00							10.00
03F308	19-Jul-89	A23	<10.00		20.00	80.00				80.00
03F308	23-Oct-89	A24	<10.00		20.00	100.00				25.00
03F308	19-Jan-90	A25	<10.00		30.00					<4.00
03F312	20-Apr-89	A22	<10.00							<0.01
03F312	19-Jul-89	A23	<10.00		40.00	60.00				20.00
03F312	24-Oct-89	A24	<10.00		40.00	60.00				210.00
03F312	18-Jan-90	A25	<10.00		40.00					<4.00
03L001	16-Nov-87	F16								<29.40
03L002	17-Nov-87	F16								<29.40
03L003	19-Nov-87	F16								<29.40
03L003	11-Aug-88	F19								<29.40
03L004	18-Nov-87	F16								<29.40
03L004	09-Aug-88	F19								<29.40
03L005	23-Nov-87	F16								<29.40
03L005	10-Aug-88	F19								<29.40
03L007	09-Nov-87	F16								<29.40
03L010	09-Nov-87	F16								<29.40
03L012	09-Nov-87	F16								<29.40
03L013	10-Nov-87	F16								<29.40
03L014	23-Nov-87	F16	<8.35							<29.40
03L014	10-Aug-88	F19	<8.17							<25.00
03L017	10-Nov-87	F16								<29.40
03L018	23-Nov-87	F16	<8.35							30.10
03L018	08-Apr-88	F18	<8.17							

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WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
03L018	22-Aug-88	F19		<6.01	91.10		<0.37	<2.50			<5.32	<1.26				<0.74
03L020	07-Dec-87	F16	<1.93	33.50	440.00	<1.47	<0.10	3.03	1.29	2250.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L020	17-Aug-88	F19		29.30	320.00		<0.37	<2.50			<5.32	<1.26				
03L029	03-Dec-87	F16	<1.93	<4.81	270.00	<1.47	<0.10	<2.18	1.44	380.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L077	04-Dec-87	F16	<1.93	<4.81	220.00	<1.47	<0.10	<2.18	1.40	160.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L078	23-Nov-87	F16	<1.93	<4.81	150.00	<1.47	<0.10	<2.18	13.40	500.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L078	18-Aug-88	F19		<6.01	93.90		<0.37	<2.50			<5.32	<1.26				
03L079	04-Dec-87	F16	<1.93	<4.81	220.00	<1.47	<0.10	<2.18	1.59	430.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L079	18-Aug-88	F19		<6.01	93.90		<0.37	<2.50			<5.32	<1.26				
03L084	08-Dec-87	F16	<1.93	<4.81	250.00	<1.47	<0.10	2.53	1.40	200.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L086	11-Aug-88	F19		<6.01	81.00		<0.37	<2.50			<5.32	<1.26				
03L091	03-Dec-87	F16	<1.93	<4.81	175.00	<1.47	0.14	<2.18	1.34	230.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03L091	25-Aug-88	F19		<6.01	75.30		<0.37	<2.50			<5.32	<1.26				<0.74
03L113	18-Nov-87	F16	<1.93	<4.81	67.60	<1.47	<0.10	<2.18	0.94	350.00	<5.94	<2.65	<10.00	<3.06		<0.70
03L113	06-Apr-88	F18		<6.01	39.70		<0.37	<2.50			<5.32	<1.26				
03L113	09-Aug-88	F19		<6.01	41.00		<0.37	<2.50			<5.32	<1.26				<0.74
03L113	19-Jul-90	F27	<0.50	<6.01	54.00		<0.37	<2.50	<1.56	290.00	<5.32	<1.26	<25.50			
03L137	17-Oct-89	F24		<4.81	98.00		1.27	17.60			7.58	4.45				
03L137	24-Apr-90	F26														
03L137	18-Jul-90	F27	<0.50	<6.01	80.40		<0.37	<2.50	<1.56	360.00	<5.32	<1.26	<25.50			
03L138	17-Oct-89	F24		9.28	240.00		0.13	11.60			<5.94	8.37				
03L138	24-Apr-90	F26														
03L138	18-Jul-90	F27	<0.50	6.62	170.00		1.12	<2.50	2.79	570.00	<5.32	4.74	<25.50			
03L306	23-Aug-88	F19														
03L806	02-Dec-87	F16														<0.70
03L811	25-Nov-87	F16														<0.70
03L813	25-Nov-87	F16														<0.70

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
03L018	22-Aug-88	F19	<8.17							<25.00
03L020	07-Dec-87	F16								<29.40
03L020	17-Aug-88	F19								
03L029	03-Dec-87	F16								<29.40
03L077	04-Dec-87	F16								<29.40
03L078	23-Nov-87	F16								<29.40
03L078	18-Aug-88	F19								
03L079	04-Dec-87	F16								<29.40
03L079	18-Aug-88	F19								
03L084	08-Dec-87	F16								<29.40
03L086	11-Aug-88	F19								
03L091	03-Dec-87	F16	<8.35							<29.40
03L091	25-Aug-88	F19	<8.17							<25.00
03L113	18-Nov-87	F16	<8.35							<29.40
03L113	06-Apr-88	F18	<8.17							
03L113	09-Aug-88	F19	<8.17							<25.00
03L113	19-Jul-90	F27								
03L137	17-Oct-89	F24								
03L137	24-Apr-90	F26	<8.17							
03L137	18-Jul-90	F27								
03L138	17-Oct-89	F24								
03L138	24-Apr-90	F26	<8.17							
03L138	18-Jul-90	F27								
03L306	23-Aug-88	F19				34.00				
03L806	02-Dec-87	F16								
03L811	25-Nov-87	F16								
03L813	25-Nov-87	F16								

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAAP GW CRITERIA				50	1000		5	50			150	20				2
03L822	01-Dec-87	F16														<0.70
03L832	24-Nov-87	F16														<0.70
03L846	18-Jul-89	F23														
03L846	19-Oct-89	F24														
03L853	19-Apr-90	F26														
03L853	20-Jul-90	F27														
03M001	16-Nov-87	F16	<1.93	<4.81	26.50	<1.47	0.15	<2.18	0.57		<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03M002	17-Nov-87	F16	<1.93	<4.81	111.00	<1.47	0.15	4.15	2.08	2.55	7.25	<2.65	<10.00	3.86	<2.70	<0.70
03M003	19-Nov-87	F16	<1.93	<4.81	100.00	<1.47	<0.10	<2.18	1.73	200.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03M003	11-Aug-88	F19		<6.01	81.60		<0.37	<2.50			<5.32	<1.26				<0.70
03M004	18-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	<0.10	<2.18	1.44	540.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03M004	09-Aug-88	F19		<6.01	120.00		<0.37	<2.50			<5.32	<1.26				<0.70
03M005	08-Dec-87	F16	<1.93	<4.81	250.00	<1.47	<0.10	3.03	2.03	410.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03M005	06-Apr-88	F18		<6.01	110.00		<0.37	<2.50			<5.32	<1.26				<0.70
03M005	11-Aug-88	F19		<6.01	106.00		<0.37	<2.50			<5.32	<1.26				<0.70
03M013	10-Nov-87	F16	<1.93	<4.81	142.00	<1.47	<0.10	<2.18	1.49	400.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03M017	10-Nov-87	F16	<1.93	<4.81	63.70	<1.47	<0.10	2.63	2.28	5.50	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03M020	18-Aug-88	F19		<6.01	167.00		<0.37	<2.50			<5.32	<1.26				<0.70
03M505	09-Nov-87	F16	<1.93	<4.81	122.00	<1.47	<0.10	<2.18	1.24	220.00	<5.94	<2.65	<10.00	<3.06	3.19	<0.70
03U001	16-Nov-87	F16	<1.93	<4.81	59.80	<1.47	<0.10	<2.18	1.24	14.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U002	17-Nov-87	F16	2.62	<4.81	<220.00	<1.47	<0.10	2.48	1.78	1000.00	<5.94	4.49	<10.00	<3.06	<2.70	<0.70
03U003	19-Nov-87	F16	<1.93	<4.81	99.00	<1.47	<0.10	3.19	1.68	190.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U003	11-Aug-88	F19		<6.01	57.10		<0.37	<2.50			<5.32	<1.26				<0.70
03U004	18-Nov-87	F16	2.08	<4.81	65.70	<1.47	<0.10	2.93	1.68	2.60	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U004	09-Aug-88	F19		<6.01	27.00		<0.37	<2.50			<5.32	<1.26				<0.70

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
03L822	01-Dec-87	F16								
03L832	24-Nov-87	F16								
03L846	18-Jul-89	F23			<12.10	63.10				
03L846	19-Oct-89	F24			<12.10	52.00				
03L853	19-Apr-90	F26	<8.17							
03L853	20-Jul-90	F27	<8.17	810.00	22.80	19.50				
03M001	16-Nov-87	F16								<29.40
03M002	17-Nov-87	F16								<29.40
03M003	19-Nov-87	F16								<29.40
03M003	11-Aug-88	F19								<29.40
03M004	18-Nov-87	F16								<29.40
03M004	09-Aug-88	F19								<29.40
03M005	08-Dec-87	F16								<29.40
03M005	06-Apr-88	F18								<29.40
03M005	11-Aug-88	F19								<29.40
03M013	10-Nov-87	F16								<29.40
03M017	10-Nov-87	F16								<29.40
03M020	18-Aug-88	F19								<29.40
03M505	09-Nov-87	F16								<29.40
03U001	16-Nov-87	F16								<29.40
03U002	17-Nov-87	F16								<29.40
03U003	19-Nov-87	F16								<29.40
03U003	11-Aug-88	F19								<29.40
03U004	18-Nov-87	F16								<29.40
03U004	09-Aug-88	F19								<29.40

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WENCK ASSOCIATES, INC.

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Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
03U005	23-Nov-87	F16	3.22	26.80	340.00	<1.47	0.11	<2.18	16.30	750.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U005	06-Apr-88	F18		21.30	180.00		<0.37	<2.50			<5.32	<1.26				
03U005	10-Aug-88	F19		13.90	160.00		<0.37	<2.50			<5.32	<1.26				
03U007	09-Nov-87	F16	<1.93	6.19	280.00	<1.47	<0.10	<2.18	1.78	320.00	<5.94	<2.65	<10.00	5.14	47.90	<0.70
03U008	09-Nov-87	F16	<1.93	20.60	370.00	<1.47	<0.10	<2.18	1.53	760.00	<5.94	<2.65	<10.00	<3.06	4.26	<0.70
03U009	20-Nov-87	F16	<1.93	<4.81	190.00	<1.47	<0.10	<2.18	14.80	110.00	6.73	<2.65	<10.00	<3.06	<2.70	<0.70
03U010	09-Nov-87	F16	<1.93	<4.81	125.00	<1.47	<0.10	<2.18	1.68	200.00	<5.94	2.70	<10.00	<3.06	<2.70	<0.70
03U012	09-Nov-87	F16	1.98	6.19	220.00	<1.47	<0.10	3.49	3.56	200.00	<5.94	6.43	<10.00	<3.06	5.32	<0.70
03U013	10-Nov-87	F16	<1.93	7.73	120.00	<1.47	<0.10	<2.18	2.52	160.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U014	04-Dec-87	F16	<1.93	<4.81	180.00	<1.47	0.11	3.03	1.40	8.50	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U014	17-Aug-88	F19		<6.01	138.00		<0.37	<2.50			<5.32	<1.26				<0.74
03U015	17-Nov-87	F16	<1.93	<4.81	59.80	<1.47	0.15	4.15	2.33	2.70	<5.94	<2.65	<10.00	3.29	<2.70	<0.70
03U015	05-Apr-88	F18		<6.01	40.00		<0.37	<2.50			<5.32	<1.26				
03U017	10-Nov-87	F16	<1.93	<4.81	51.50	<1.47	<0.10	3.19	2.43	9.60	<5.94	4.59	<10.00	<3.06	<2.70	<0.70
03U018	04-Dec-87	F16	<1.93	<4.81	89.20	<1.47	0.17	3.03	2.13	2.20	6.15	<2.65	<10.00	<3.06	<2.70	<0.70
03U018	22-Aug-88	F19		<6.01	46.00		<0.37	<2.50			<5.32	<1.26				<0.74
03U019	23-Nov-87	F16	2.67	<4.81	110.00	<1.47	0.13	3.03	18.30	7.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U019	12-Aug-88	F19		<6.01	95.80		<0.37	<2.50			<5.32	<1.26				<0.74
03U019	19-Jul-90	F27	<0.50	<6.01	94.70		<0.37	<2.50	<1.56	5.45	<5.32	<1.26	<25.50			
03U020	07-Dec-87	F16	<1.93	<4.81	179.00	<1.47	0.13	4.04	1.58	3.60	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U020	17-Aug-88	F19		<6.01	81.60		<0.37	<2.50			<5.32	<1.26				
03U022	05-Apr-88	F18		<6.01	129.00		0.56	<2.50			<5.32	<1.26				
03U023	10-Nov-87	F16	<1.93	<4.81	58.80	<1.47	<0.10	<2.18	0.79	12.50	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U023	15-Nov-88	F20		<6.01	38.40		<0.37	<2.50			<5.32	<1.26				
03U024	10-Aug-88	F19		<6.01	173.00		<0.37	<2.50			<5.32	<1.26				

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
03U005	23-Nov-87	F16								<29.40
03U005	06-Apr-88	F18								
03U005	10-Aug-88	F19								
03U007	09-Nov-87	F16								<29.40
03U008	09-Nov-87	F16								<29.40
03U009	20-Nov-87	F16								<29.40
03U010	09-Nov-87	F16								<29.40
03U012	09-Nov-87	F16								<29.40
03U013	10-Nov-87	F16								<29.40
03U014	04-Dec-87	F16	<8.35				<3.00	1.70		<29.40
03U014	17-Aug-88	F19	<8.17							<25.00
03U015	17-Nov-87	F16	<8.35							<29.40
03U015	05-Apr-88	F18	<8.17							
03U017	10-Nov-87	F16								<29.40
03U018	04-Dec-87	F16	<8.35				<1.70	<1.00	<10.00	<29.40
03U018	22-Aug-88	F19	<8.17							<25.00
03U019	23-Nov-87	F16	<8.35							30.10
03U019	12-Aug-88	F19	<8.17							<25.00
03U019	19-Jul-90	F27								
03U020	07-Dec-87	F16								<29.40
03U020	17-Aug-88	F19								
03U022	05-Apr-88	F18								
03U023	10-Nov-87	F16								<29.40
03U023	15-Nov-88	F20								
03U024	10-Aug-88	F19								

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WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
03U025	10-Aug-88	F19		<6.01	118.00		<0.37	<2.50			<5.32	<1.26				
03U026	18-Nov-87	F16	3.32	<4.81	80.00	<1.47	<0.10	4.25	1.93	4.45	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U026	08-Apr-88	F18		<6.01	55.70		<0.37	<2.50			<5.32	<1.26				
03U026	22-Aug-88	F19		<6.01	66.20		<0.37	4.10			<5.32	<1.26				<0.74
03U026	19-Jul-90	F27	<0.50	<6.01	129.00		<0.37	3.24	<1.56	7.17	<5.32	<1.26	<25.50			
03U027	20-Nov-87	F16	2.97	<4.81	240.00	<1.47	<0.10	2.53	1.39	350.00	9.32	4.08	<10.00	<3.06	<2.70	
03U027	16-Aug-88	F19		<6.01	154.00		<0.37	<2.50			<5.32	<1.26				
03U028	03-Dec-87	F16	<1.93	<4.81	72.50	<1.47	0.22	4.04	3.42	2.20	<5.94	<2.65	<10.00	<3.06	<2.70	
03U028	22-Aug-88	F19		<6.01	39.40		<0.37	2.90			<5.32	<1.26				<0.74
03U029	03-Dec-87	F16	<1.93	<4.81	81.40	<1.47	<0.10	<2.18	2.62	7.20	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U029	17-Aug-88	F19		<6.01	53.90		<0.37	<2.50			<5.32	<1.26				<0.74
03U030	03-Dec-87	F16	<1.93	<4.81	220.00	<1.47	0.12	3.03	1.33	75.00	<5.94	<2.65	<10.00	<3.06	<2.70	
03U030	22-Aug-88	F19		<6.01	260.00		<0.37	<2.50			<5.32	<1.26				<0.74
03U031	10-Aug-88	F19		<6.01	50.20		<0.37	<2.50			<5.32	<1.26				
03U032	20-Nov-87	F16	<1.93	<4.81	29.40	<1.47	0.11	3.03	3.02	3.15	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U032	08-Apr-88	F18		<6.01	20.50		<0.37	<2.50			<5.32	<1.26				
03U032	22-Aug-88	F19		<6.01	<9.10		<0.37	3.53			<5.32	<1.26				<0.74
03U032	18-Jul-90	F27	<0.50	<6.01	32.70		<0.37	3.24	<1.56	3.69	<5.32	<1.26	<25.50			
03U075	10-Nov-87	F16	<1.93	<4.81	51.00	<1.47	<0.10	<2.18	0.99	6.40	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U075	18-Aug-88	F19		<6.01	45.10		<0.37	<2.50			<5.32	<1.26				<0.74
03U076	10-Nov-87	F16	<1.93	<4.81	133.00	<1.47	<0.10	<2.18	1.24	110.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U076	18-Aug-88	F19		<6.01	61.40		<0.37	<2.50			<5.32	<1.26				<0.74
03U078	23-Nov-87	F16	6.53	<4.81	100.00	<1.47	<0.10	5.06	1.53	6.50	6.21	<2.65	<10.00	<3.06	<2.70	<0.70
03U078	18-Aug-88	F19		<6.01	47.40		<0.37	<2.50			<5.32	<1.26				
03U079	04-Dec-87	F16	<1.93	<4.81	82.40	<1.47	<0.10	<2.18	1.44	5.20	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U079	18-Aug-88	F19		<6.01	41.50		<0.37	<2.50			<5.32	<1.26				
03U083	10-Aug-88	F19		<6.01	98.80		<0.37	<2.50			<5.32	<1.26				
03U084	23-Nov-87	F16	<1.93	<4.81	177.00	<1.47	<0.10	<2.18	2.48	160.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
03U025	10-Aug-88	F19								<25.00
03U026	18-Nov-87	F16	<8.35							<29.40
03U026	08-Apr-88	F18	<8.17							
03U026	22-Aug-88	F19	<8.17							<25.00
03U026	19-Jul-90	F27								
03U027	20-Nov-87	F16								<29.40
03U027	16-Aug-88	F19								
03U028	03-Dec-87	F16								<29.40
03U028	22-Aug-88	F19	<8.17							<25.00
03U029	03-Dec-87	F16								<29.40
03U029	17-Aug-88	F19	8.67							<25.00
03U030	03-Dec-87	F16								<29.40
03U030	22-Aug-88	F19	<8.17							<25.00
03U031	10-Aug-88	F19								
03U032	20-Nov-87	F16					2.80	3.50		<29.40
03U032	08-Apr-88	F18								
03U032	22-Aug-88	F19	<8.17							<25.00
03U032	18-Jul-90	F27								
03U075	10-Nov-87	F16								<29.40
03U075	18-Aug-88	F19	<8.17							<25.00
03U076	10-Nov-87	F16	<8.35							<29.40
03U076	18-Aug-88	F19	<8.17							<25.00
03U078	23-Nov-87	F16								<29.40
03U078	18-Aug-88	F19								
03U079	04-Dec-87	F16								<29.40
03U079	18-Aug-88	F19								
03U083	10-Aug-88	F19								
03U084	23-Nov-87	F16								<29.40

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
03U087	20-Nov-87	F16	<1.93	<4.81	67.60	<1.47	<0.10	4.04	2.87	<1.19	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U087	11-Apr-88	F18		<6.01	24.70		<0.37	<2.50			<5.32	<1.26				
03U087	17-Nov-88	F20		<6.01	45.60		<0.37	2.64			<5.32	<1.26				
03U088	17-Nov-87	F16	2.72	<4.81	98.00	<1.47	0.15	5.61	2.08	4.30	<5.94	<2.65	<10.00	4.27	<2.70	<0.70
03U088	05-Apr-88	F18		<6.01	54.60		<0.37	3.51			<5.32	<1.26				
03U089	20-Nov-87	F16	3.66	<4.81	80.40	<1.47	0.12	28.00	1.44	5.50	8.80	<2.65	<10.00	<3.06	<2.70	<0.70
03U089	05-Apr-88	F18		<6.01	88.20		<0.37	44.40			<5.32	<1.26				
03U090	19-Nov-87	F16	1.93	<4.81	61.80	<1.47	<0.10	4.04	1.88	1.50	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U090	06-Apr-88	F18		<6.01	40.20		<0.37	<2.50			<5.32	<1.26				
03U090	16-Aug-88	F19		<6.01	53.00		<0.37	<2.50			<5.32	<1.26				<0.74
03U090	19-Jul-90	F27	<0.50	<6.01	35.10		<0.37	2.70	<1.56	5.45	<5.32	<1.26	<25.50			
03U090B	19-Jul-90	F27	<0.50		36.80			2.63	<1.56	3.84	<5.32	<1.26	<25.50			
03U092	23-Nov-87	F16	2.97	<4.81	220.00	<1.47	<0.10	<2.18	2.28	190.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U092	08-Apr-88	F18		<6.01	115.00		<0.37	<2.50			<5.32	<1.26				
03U092	25-Aug-88	F19		<6.01	144.00		<0.37	<2.50			<5.32	<1.26				<0.74
03U093	04-Dec-87	F16	<1.93	<4.81	220.00	<1.47	0.19	<2.18	1.29	1800.00	6.21	<2.65	<10.00	<3.06	<2.70	<0.70
03U093	17-Aug-88	F19		<6.01	100.00		0.54	<2.50			<5.32	<1.26				<0.74
03U094	04-Dec-87	F16	<1.93	<4.81	240.00	<1.47	0.14	3.03	1.39	66.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U094	25-Aug-88	F19		<6.01	92.90		<0.37	<2.50			<5.32	<1.26				<0.74
03U096	04-Dec-87	F16	<1.93	<4.81	41.20	<1.47	0.11	3.54	1.87	2.20	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U096	25-Aug-88	F19		<6.01	34.10		<0.37	3.21			<5.32	<1.26				<0.74
03U097	20-Nov-87	F16	<1.93	<4.81	290.00	<1.47	<0.10	<2.18	1.63	380.00	7.25	<2.65	<10.00	<3.06	<2.70	<0.70
03U097	07-Apr-88	F18		<6.01	130.00		<0.37	<2.50			<5.32	<1.26				
03U099	19-Nov-87	F16	3.32	<4.81	46.10	<1.47	<0.10	2.78	2.03	350.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U099	11-Apr-88	F18		<6.01	32.80		<0.37	<2.50			<5.32	<1.26				
03U111	20-Nov-87	F16	<1.93	10.80	470.00	<1.47	0.13	<2.18	3.66	850.00		<2.65	<10.00	<3.06	<2.70	<0.70
03U111	07-Apr-88	F18		9.84	320.00		<0.37	<2.50			<5.32	<1.26				
03U112	20-Nov-87	F16	2.48	<4.81	82.40	<1.47	<0.10	4.04	2.08	3.75	6.73	<2.65	<10.00	<3.06	<2.70	<0.70
03U112	08-Apr-88	F18		<6.01	51.30		<0.37	<2.50			<5.32	<1.26				
03U112	16-Aug-88	F19		<6.01	61.20		<0.37	2.65			<5.32	<1.26				<0.74

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Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
03U087	20-Nov-87	F16								<29.40
03U087	11-Apr-88	F18								
03U087	17-Nov-88	F20								
03U088	17-Nov-87	F16	<8.35							<29.40
03U088	05-Apr-88	F18	<8.17							
03U089	20-Nov-87	F16	<8.35							<29.40
03U089	05-Apr-88	F18	<8.17							
03U090	19-Nov-87	F16	<8.35							<29.40
03U090	06-Apr-88	F18	<8.17							
03U090	16-Aug-88	F19	<8.17							<25.00
03U090	19-Jul-90	F27								
03U090B	19-Jul-90	F27								
03U092	23-Nov-87	F16	<8.35							<29.40
03U092	08-Apr-88	F18	<8.17							
03U092	25-Aug-88	F19	16.70							<25.00
03U093	04-Dec-87	F16	<8.35							<29.40
03U093	17-Aug-88	F19	<8.17							<25.00
03U094	04-Dec-87	F16	<8.35				<3.60	<2.20		<29.40
03U094	25-Aug-88	F19	<8.17							<25.00
03U096	04-Dec-87	F16	<8.35							<29.40
03U096	25-Aug-88	F19	<8.17							<25.00
03U097	20-Nov-87	F16								<29.40
03U097	07-Apr-88	F18	<8.17							
03U099	19-Nov-87	F16								<29.40
03U099	11-Apr-88	F18								
03U111	20-Nov-87	F16								<29.40
03U111	07-Apr-88	F18	<8.17							
03U112	20-Nov-87	F16	<8.35							<29.40
03U112	08-Apr-88	F18	17.40							
03U112	16-Aug-88	F19	<8.17							<25.00

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Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
03U112	18-Jul-90	F27	<0.50	<6.01	99.10		<0.37	3.45	<1.56	14.00	<5.32	<1.26	<25.50			<0.74
03U112	17-Sep-90	F27					0.42									
03U112	20-Sep-90	F27		<6.01	83.60		0.654	4.02			<5.32	3.31				
03U113	18-Nov-87	F16	<1.93	<4.81	53.90	<1.47	<0.10	<2.18	2.23	7.20	<5.94	2.76	<10.00	<3.06	<2.70	<0.70
03U113	06-Apr-88	F18		<6.01	36.40		<0.37	<2.50			<5.32	<1.26				
03U113	09-Aug-88	F19		<6.01	25.90		<0.37	2.55			<5.32	<1.26				<0.74
03U113	18-Jul-90	F27	<0.50	<6.01	45.80		0.86	<2.50	<1.56	7.16	<5.32	<1.26	<25.50			
03U114	23-Nov-87	F16	<1.93	<4.81	52.90	<1.47	0.33	4.04	12.40	2.25	<5.94	5.10	<10.00	<3.06	<2.70	<0.70
03U114	11-Apr-88	F18		<6.01	25.20		<0.37	<2.50			22.90	<1.26				
03U114	09-Aug-88	F19		<6.01	33.90		<0.37	2.93			<5.32	<1.26				<0.74
03U114	18-Jul-90	F27	<0.50	<6.01	46.20		<0.37	<2.50	<1.56	11.10	<5.32	<1.26	<25.50			
03U121	08-Dec-87	F16	<1.93	<4.81	33.30	<1.47	<0.10	<2.18	2.52	100.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U121	08-Apr-88	F18		<6.01	29.90		<0.37	<2.50			<5.32	<1.26				
03U121	16-Aug-88	F19		<6.01	39.40		<0.37	<2.50			<5.32	<1.26				<0.74
03U121	18-Jul-90	F27	<0.50	<6.01	42.10		<0.37	2.96	<1.56	9.66	<5.32	<1.26	<25.50			<0.74
03U121	17-Sep-90	F27		<6.01	36.30			3.22			<5.32	2.67				
03U124	08-Apr-88	F18		<6.01	25.80		<0.37	<2.50			<5.32	<1.26				<0.74
03U124	18-Aug-88	F19		<6.01	38.00		<0.37	4.88			<5.32	<1.26				<0.74
03U129	08-Dec-87	F16	<1.93	9.28	370.00	<1.47	0.17	<2.18	4.95	380.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U129	07-Apr-88	F18		<6.01	160.00		<0.37	<2.50			<5.32	<1.26				
03U301	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	<10.00		<50.00	<1.00				<0.20
03U301	19-Jul-89	A23		<2.00	<200.00		<0.10	<1.00	30.00		<50.00	3.00				<0.20
03U301	24-Oct-89	A24		<5.00	35.00		<8.00	<9.00	26.00		<16.00	2.00				<0.20
03U301	18-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
03U314	20-Apr-89	A22		8.00	200.00		<0.10	<1.00	<10.00		<50.00	<1.00				<0.20
03U314	19-Jul-89	A23		11.00	<200.00		0.10	<1.00	<10.00		<50.00	2.00				<0.20
03U314	24-Oct-89	A24		11.00	230.00		<8.00	<9.00	<4.00		<16.00	1.00				<0.20
03U314	19-Jan-90	A25		12.00	300.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
03U315	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	50.00		<50.00	9.00				<0.20
03U315	19-Jul-89	A23		<2.00	<200.00		<0.10	<1.00	30.00		<50.00	3.00				<0.20
03U315	24-Oct-89	A24		<5.00	100.00		<8.00	<9.00	<4.00		<16.00	3.00				<0.20
03U315	19-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	4.00				<0.20
03U316	20-Apr-89	A22		<3.00	<200.00		0.20	2.00	300.00		<50.00	66.00				<0.20

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
03U112	18-Jul-90	F27	12.00	11000.00		75.30				
03U112	17-Sep-90	F27								
03U112	20-Sep-90	F27	<8.17	11000.00	33.70	110.00				
03U113	18-Nov-87	F16	<8.35				4.20	2.70		<29.40
03U113	06-Apr-88	F18	<8.17							
03U113	09-Aug-88	F19	<8.17							<25.00
03U113	18-Jul-90	F27								
03U114	23-Nov-87	F16	<8.35							<29.40
03U114	11-Apr-88	F18	<8.17							
03U114	09-Aug-88	F19	<8.17							<25.00
03U114	18-Jul-90	F27								
03U121	08-Dec-87	F16	<8.35							<29.40
03U121	08-Apr-88	F18	<8.17							
03U121	16-Aug-88	F19	<8.17							<25.00
03U121	18-Jul-90	F27	<8.17	470.00		67.20				
03U121	17-Sep-90	F27	<8.17	320.00	<10.30	23.20				
03U124	08-Apr-88	F18					<0.70	2.20		<25.00
03U124	18-Aug-88	F19	<8.17							<25.00
03U129	08-Dec-87	F16								<29.40
03U129	07-Apr-88	F18	<8.17							
03U301	20-Apr-89	A22	60.00							10.00
03U301	19-Jul-89	A23	10.00		20.00	90.00				20.00
03U301	24-Oct-89	A24	10.00		20.00	<50.00				30.00
03U301	18-Jan-90	A25	<10.00		30.00					<4.00
03U314	20-Apr-89	A22	<10.00							80.00
03U314	19-Jul-89	A23	<10.00		160.00	230.00				80.00
03U314	24-Oct-89	A24	<10.00		140.00	260.00				15.00
03U314	19-Jan-90	A25	<10.00		260.00					<41.00
03U315	20-Apr-89	A22	<10.00							80.00
03U315	19-Jul-89	A23	<10.00		140.00	150.00				60.00
03U315	24-Oct-89	A24	<10.00		150.00	160.00				53.00
03U315	19-Jan-90	A25	<10.00		170.00					<4.00
03U316	20-Apr-89	A22	<10.00							1700.00

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
03U316	19-Jul-89	A23		<2.00	<200.00		0.10	<1.00	70.00		<50.00	22.00				<0.20
03U316	24-Oct-89	A24		<5.00	90.00		<8.00	<9.00	<4.00		<16.00	4.00				<0.20
03U316	19-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	2.00				<0.20
03U317	20-Apr-89	A22		<3.00	<200.00		<0.10	1.00	50.00		<50.00	30.00				<0.20
03U317	19-Jul-89	A23		<2.00	<200.00		<0.10	<1.00	30.00		<50.00	15.00				<0.20
03U317	25-Oct-89	A24		<5.00	110.00		<8.00	<9.00			<16.00	2.00				<0.20
03U317	19-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	5.00				<0.20
03U521	20-Nov-87	F16	1.98	<4.81	33.30	<1.47	<0.10	2.53	2.97	4.45	6.21	4.59	<10.00	<3.06	<2.70	<0.70
03U521	11-Apr-88	F18		<6.01	19.40		<0.37	<2.50			<5.32	<1.26				
03U521	18-Nov-88	F20		<6.01	16.80		<0.37	<2.50			<5.32	<1.26				
03U521	25-Apr-90	F26														
03U521	19-Jul-90	F27														
03U521B	19-Jul-90	F27														
03U671	04-Dec-87	F16	<1.93	<4.81	95.10	<1.47	<0.10	3.54	2.03	14.80	<5.94	<2.65	<10.00	<3.06	<2.70	
03U671	22-Aug-88	F19		<6.01	42.10		<0.37	<2.50			<5.32	<1.26				
03U704	10-Nov-87	F16	<1.93	<4.81	45.10	<1.47	1.46	<2.18	1.93	140.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
03U704	05-Apr-88	F18		<6.01	30.10		<0.37	<2.50			<5.32	<1.26				
03U801	03-Dec-87	F16														<0.70
03U803	01-Dec-87	F16														<0.70
03U804	01-Dec-87	F16														<0.70
03U805	01-Dec-87	F16														<0.70
03U806	02-Dec-87	F16														<0.70
03U811	25-Nov-87	F16														<0.70
03U821	30-Nov-87	F16														<0.70
03U822	01-Dec-87	F16														<0.70
03U824	01-Dec-87	F16														<0.70
03U831	25-Nov-87	F16														<0.70

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) -- ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
03U316	19-Jul-89	A23	<10.00		20.00	70.00				180.00
03U316	24-Oct-89	A24	<10.00		20.00	<50.00				22.00
03U316	19-Jan-90	A25	<10.00		40.00					<4.00
03U317	20-Apr-89	A22	10.00							110.00
03U317	19-Jul-89	A23	<10.00		30.00	50.00				400.00
03U317	25-Oct-89	A24	<10.00		30.00	80.00				<4.00
03U317	19-Jan-90	A25	20.00		40.00					<4.00
03U521	20-Nov-87	F16								<29.40
03U521	11-Apr-88	F18								
03U521	18-Nov-88	F20								
03U521	25-Apr-90	F26	<8.17							
03U521	19-Jul-90	F27	<8.17	1500.00	27.70	59.40				
03U521B	19-Jul-90	F27	<8.17	1400.00	21.50	53.00				
03U671	04-Dec-87	F16								<29.40
03U671	22-Aug-88	F19								
03U704	10-Nov-87	F16	<8.35							<29.40
03U704	05-Apr-88	F18	<8.17							
03U801	03-Dec-87	F16								
03U803	01-Dec-87	F16								
03U804	01-Dec-87	F16								
03U805	01-Dec-87	F16								
03U806	02-Dec-87	F16								
03U811	25-Nov-87	F16								
03U821	30-Nov-87	F16								
03U822	01-Dec-87	F16								
03U824	01-Dec-87	F16								
03U831	25-Nov-87	F16								

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
03U832	24-Nov-87	F16														<0.70
04U001	16-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	<0.10	<2.18	1.19	280.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
04U002	17-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	<0.10	<2.18	0.79	360.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
04U003	19-Nov-87	F16	<1.93	<4.81	130.00	<1.47	<0.10	<2.18	0.99	210.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
04U007	09-Nov-87	F16	<1.93	<4.81	186.00	<1.47	<0.10	<2.18	1.68	400.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
04U012	09-Nov-87	F16	<1.93	<4.81	490.00	<1.47	<0.10	2.33	1.24	520.00	<5.94	<2.65	<10.00	<3.06	5.22	<0.70
04U020	07-Dec-87	F16	<1.93	21.10	910.00	<1.47	<0.10	<2.18	1.53	1100.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
04U020	17-Aug-88	F19		21.20	570.00		<0.37	<2.50			<5.32	1.84				<0.70
04U077	04-Dec-87	F16	<1.93	<4.81	240.00	<1.47	<0.10	<2.18	1.34	200.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
04U510	18-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	<0.10	<2.18	2.28	270.00	<5.94	3.78	<10.00	<3.06	<2.70	<0.70
04U806	02-Dec-87	F16														<0.70
04U821	30-Nov-87	F16														<0.70
04U821	19-Apr-90	F26														
04U821	23-Jul-90	F27														
04U821B	23-Jul-90	F27														
04U821	18-Sep-90	F27														
04U821	20-Sep-90	F27														
04U832	24-Nov-87	F16														<0.70
04U850	02-May-89	F22														
04U850	19-Jul-89	F23														
04U850	19-Oct-89	F24														
04U871	23-Aug-88	F19														
04U871	08-May-89	F22														
04U871	19-Jul-89	F23														
04U871	23-Oct-89	F24														

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.



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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
03U832	24-Nov-87	F16								
04U001	16-Nov-87	F16								<29.40
04U002	17-Nov-87	F16								<29.40
04U003	19-Nov-87	F16								<29.40
04U007	09-Nov-87	F16								<29.40
04U012	09-Nov-87	F16								<29.40
04U020	07-Dec-87	F16					<1.60	<1.00	<10.00	<29.40
04U020	17-Aug-88	F19								
04U077	04-Dec-87	F16								<29.40
04U510	18-Nov-87	F16								71.10
04U806	02-Dec-87	F16								
04U821	30-Nov-87	F16								
04U821	19-Apr-90	F26	<8.17							
04U821	23-Jul-90	F27	<8.17	550.00	<10.30	21.50				
04U821B	23-Jul-90	F27	<8.17	540.00	<10.30	20.00				
04U821	18-Sep-90	F27				<9.36				
04U821	20-Sep-90	F27	<8.17	420.00	10.5	31.40				
04U832	24-Nov-87	F16								
04U850	02-May-89	F22			<10.30	23.80				
04U850	19-Jul-89	F23			<12.10	79.80				
04U850	19-Oct-89	F24			<12.10	35.10				
04U871	23-Aug-88	F19			28.50					
04U871	08-May-89	F22			17.40	19.70				
04U871	19-Jul-89	F23			<12.10	42.60				
04U871	23-Oct-89	F24			<12.10	45.30				

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
04U872	24-Aug-88	F19														
04U872	08-May-89	F22														
04U872	19-Jul-89	F23														
04U872	23-Oct-89	F24														
04U875	23-Aug-88	F19														
04U875	19-Jul-89	F23														
04U875	19-Oct-89	F24														
04U877	23-Aug-88	F19														
04U877	02-May-89	F22														
04U877	18-Jul-89	F23														
04U877	19-Oct-89	F24														
04U879	19-Jul-89	F23														
04U879	17-Oct-89	F24														
04U880	18-Jul-89	F23														
04U880	19-Oct-89	F24														
04U881	18-Jul-89	F23														
04U881	18-Oct-89	F24														
04U882	17-Jul-89	F23														
04U882	18-Oct-89	F24														
04U883	14-Oct-88	F20														
04U883	17-Jul-89	F23														
04U883	18-Oct-89	F24														
191942	30-Nov-87	F16														<0.70
206688	23-Oct-89	F24														
409595	30-Nov-87	F16														<0.70
409596	30-Nov-87	F16														<0.70
409597	30-Nov-87	F16														<0.70
409598	30-Nov-87	F16														<0.70

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200						5000	
04U872	24-Aug-88	F19			<10.30					
04U872	08-May-89	F22			<10.30	13.90				
04U872	19-Jul-89	F23			<12.10	35.00				
04U872	23-Oct-89	F24			<12.10	24.60				
04U875	23-Aug-88	F19			10.20					
04U875	19-Jul-89	F23			<12.10	44.40				
04U875	19-Oct-89	F24			<12.10	53.90				
04U877	23-Aug-88	F19			34.70					
04U877	02-May-89	F22			<10.30	15.60				
04U877	18-Jul-89	F23			<12.10	61.10				
04U877	19-Oct-89	F24			<12.10	50.20				
04U879	19-Jul-89	F23			<12.10	36.90				
04U879	17-Oct-89	F24			<12.10	16.30				
04U880	18-Jul-89	F23			<12.10	61.10				
04U880	19-Oct-89	F24			<12.10	52.00				
04U881	18-Jul-89	F23			<12.10	46.30				
04U881	18-Oct-89	F24			<12.10	38.90				
04U882	17-Jul-89	F23			<12.10	63.10				
04U882	18-Oct-89	F24			<12.10	29.40				
04U883	14-Oct-88	F20				82.40				
04U883	17-Jul-89	F23			<12.10	29.40				
04U883	18-Oct-89	F24			<12.10	21.90				
191942	30-Nov-87	F16								
206688	23-Oct-89	F24			<12.10	45.30				
409595	30-Nov-87	F16								
409596	30-Nov-87	F16								
409597	30-Nov-87	F16								
409598	30-Nov-87	F16								

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WENCK ASSOCIATES, INC.

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
500691	17-Oct-89	F24														
508115	18-Oct-89	F24														
PJ#003	19-Nov-87	F16	<1.93	<4.81	130.00	<1.47	<0.10	<2.18	0.94	330.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
PJ#027	20-Nov-87	F16	<1.93	<4.81	190.00	<1.47	<0.10	<2.18	1.49	250.00	6.21	<2.65	<10.00	<3.06	<2.70	<0.70
PJ#074	03-Dec-87	F16	<1.93	<4.81	220.00	<1.47	0.15	<2.18	1.10	410.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
PJ#074	19-Aug-88	F19		<6.01	134.00		<0.37	<2.50			<5.32	<1.26				
PJ#309	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	20.00		<50.00	8.00				<0.20
PJ#309	19-Jul-89	A23		<2.00	<200.00		0.20	<1.00	100.00		<50.00	42.00				<0.20
PJ#309	23-Oct-89	A24		<5.00	140.00		<8.00	<9.00	7.00		<16.00	7.00				<0.20
PJ#309	18-Jan-90	A25		<5.00	200.00		<8.00	<9.00	<4.00		<16.00	16.00				<0.20
PJ#310	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	<10.00		<50.00	24.00				<0.20
PJ#310	19-Jul-89	A23		<2.00	200.00		0.20	<1.00	80.00		<50.00	26.00				<0.20
PJ#310	11-Oct-89	A24		<5.00	140.00		<8.00	<9.00	<4.00		<16.00	1.00				<0.20
PJ#310	19-Jan-90	A25		<5.00	300.00		<8.00	<9.00	39.00		<16.00	87.00				<0.20
PJ#311	20-Apr-89	A22		<3.00	<200.00		<0.10	2.00	20.00		<50.00	50.00				<0.20
PJ#311	19-Jul-89	A23		<2.00	<200.00		<0.10	<1.00	<10.00		<50.00	2.00				<0.20
PJ#311	24-Oct-89	A24		<5.00	120.00		<8.00	<9.00	<4.00		<16.00	2.00				<0.20
PJ#311	19-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
PJ#313	20-Apr-89	A22		<3.00	<200.00		<0.10	<1.00	<10.00		<50.00	<1.00				<0.20
PJ#313	19-Jul-89	A23		<2.00	<200.00		<0.10	<1.00	50.00		<50.00	4.00				<0.20
PJ#313	23-Oct-89	A24		<5.00	64.00		<8.00	<9.00	19.00		<16.00	2.00				<0.20
PJ#313	19-Jan-90	A25		<5.00	<200.00		<8.00	<9.00	<4.00		<16.00	<1.00				<0.20
PJ#318	24-Aug-88	F19														
PJ#318	02-May-89	F22														
PJ#318	19-Jul-89	F23														
PJ#318	18-Oct-89	F24														
PJ#502	18-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	<0.10	<2.18	1.73	240.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
PJ#503	18-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	<0.10	<2.18	1.53	360.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
PJ#506	19-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	<0.10	<2.18	0.89	560.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
500691	17-Oct-89	F24			<12.10	52.00				
508115	18-Oct-89	F24			<12.10	65.20				
PJ#003	19-Nov-87	F16								<29.40
PJ#027	20-Nov-87	F16								<29.40
PJ#074	03-Dec-87	F16					3.50	5.30		<29.40
PJ#074	19-Aug-88	F19								
PJ#309	20-Apr-89	A22	<10.00							40.00
PJ#309	19-Jul-89	A23	<10.00		20.00	90.00				340.00
PJ#309	23-Oct-89	A24	<10.00		30.00	<50.00				53.00
PJ#309	18-Jan-90	A25	<10.00		30.00					<4.00
PJ#310	20-Apr-89	A22	<10.00							20.00
PJ#310	19-Jul-89	A23	<10.00		20.00	70.00				270.00
PJ#310	11-Oct-89	A24	<10.00		<20.00	1100.00				28.00
PJ#310	19-Jan-90	A25	<10.00		30.00					<1200.00
PJ#311	20-Apr-89	A22	<10.00							180.00
PJ#311	19-Jul-89	A23	<10.00		20.00	<50.00				50.00
PJ#311	24-Oct-89	A24	<10.00		20.00	<50.00				37.00
PJ#311	19-Jan-90	A25	<10.00		30.00					<4.00
PJ#313	20-Apr-89	A22	<10.00							<0.01
PJ#313	19-Jul-89	A23	<10.00		<20.00	80.00				60.00
PJ#313	23-Oct-89	A24	<10.00		20.00	50.00				36.00
PJ#313	19-Jan-90	A25	<10.00		30.00					<4.00
PJ#318	24-Aug-88	F19			<10.30					
PJ#318	02-May-89	F22			<10.30	32.80				
PJ#318	19-Jul-89	F23			<12.10	33.10				
PJ#318	18-Oct-89	F24			<12.10	12.60				
PJ#502	18-Nov-87	F16								<29.40
PJ#503	18-Nov-87	F16								<29.40
PJ#506	19-Nov-87	F16								<29.40

WELLS ARRANGED NUMERICALLY BY AQUIFER UNIT

WENCK ASSOCIATES, INC.

7/26/91

TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) - ug/l

Well	Date	Qtr	Silver AG	Arsenic AS	Barium BA	Beryllium BE	Cadmium CD	Chromium CR	Copper CU	Manganese MN	Nickel NI	Lead PB	Antimony SB	Selenium SE	Thallium TL	Mercury HG
TCAAP GW CRITERIA				50	1000		5	50			150	20				2
PJ#507	18-Nov-87	F16	<1.93	<4.81	<220.00	<1.47	<0.10	<2.18	1.39	680.00	<5.94	<2.65	<10.00	<3.06	<2.70	<0.70
PJ#508	23-Aug-88	F19		8.53	360.00		<0.37	<2.50			<5.32	<1.26				
PJ#806	02-Dec-87	F16														<0.70
PJ#806	23-Apr-90	A26														
Max:			6.53	43.9	910	0	1.46	44.4	710	8500	98	110	14.6	6.38	47.9	0
Count:	453		136	354	355	124	355	355	203	134	353	355	136	124	123	256

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TABLE 3  
TCAAP GROUNDWATER QUALITY (INORGANICS) -- ug/L

Well	Date	Qtr	Cyanide CYN	Nitrate NIT	Ortho phos phorus PO4ORT	Total Pho sphates TPO4	Gross Alpha Radiation ALPHAG	Gross Beta Radiation BETAG	Gross Gamma Radiation GAMMAS	Zinc ZN
TCAAP GW CRITERIA			200							5000
PJ#507	18-Nov-87	F16								<29.40
PJ#508	23-Aug-88	F19								
PJ#806	02-Dec-87	F16								
PJ#806	23-Apr-90	A26								
Max :			60	11000	260	1100	4.2	6.8	0	1700
Count :	453		188	12	98	80	13	13	2	234

**TABLE 4**

**TCAAP Groundwater Quality QA/QC Data (Organics)**

Notes:

1. This table represents QA/QC data for analysis of FCC samples.
2. Under the heading Type:
  - QCFB = field blank
  - QCMB = method blank
  - QCRB = rinse blank
  - QCSP = spike
  - QCTB = trip blank
3. Under the heading Lab: PC = PACE Laboratories, Inc.



TABLE 4  
GROUNDWATER QUALITY QA/QC DATA (ORGANICS) - ug/l

Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value	Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value
Q26	QCFB	0	26-Apr-90	111TCE	UG03	PC	LT	1	Q26	QCMB	5	26-Apr-90	TRCLE	UG03	PC		4.69
Q26	QCMB	0	26-Apr-90	111TCE	UG03	PC	LT	1	Q26	QCSP	1	26-Apr-90	TRCLE	UG03	PC		1.18
Q26	QCSP	10	26-Apr-90	111TCE	UG03	PC		10.2	Q26	QCSP	5	26-Apr-90	TRCLE	UG03	PC		5.03
Q26	QCSP	10	26-Apr-90	111TCE	UG03	PC		11	Q26	QCSP	0	31-Jul-90	111TCE	UG03	PC	LT	1
Q26	QCSP	2	26-Apr-90	111TCE	UG03	PC		2.11	Q27	QCFB	0	31-Jul-90	111TCE	UG03	PC	LT	1
Q26	QCFB	0	26-Apr-90	112TCE	UG03	PC	LT	1	Q27	QCMB	2	31-Jul-90	111TCE	UG03	PC		2.12
Q26	QCMB	0	26-Apr-90	112TCE	UG03	PC	LT	1	Q27	QCSP	10	31-Jul-90	111TCE	UG03	PC		11
Q26	QCSP	10	26-Apr-90	112TCE	UG03	PC		9.21	Q27	QCSP	10	31-Jul-90	111TCE	UG03	PC		10.2
Q26	QCSP	2	26-Apr-90	112TCE	UG03	PC		1.81	Q27	QCSP	0	31-Jul-90	112TCE	UG03	PC	LT	1
Q26	QCSP	10	26-Apr-90	112TCE	UG03	PC		8.46	Q27	QCFB	0	31-Jul-90	112TCE	UG03	PC	LT	1
Q26	QCFB	0	26-Apr-90	11DCE	UG03	PC	LT	1	Q27	QCMB	10	31-Jul-90	112TCE	UG03	PC		13.6
Q26	QCMB	0	26-Apr-90	11DCE	UG03	PC	LT	1	Q27	QCSP	2	31-Jul-90	112TCE	UG03	PC		2.97
Q26	QCSP	2	26-Apr-90	11DCE	UG03	PC		1.87	Q27	QCSP	10	31-Jul-90	112TCE	UG03	PC		16.7
Q26	QCSP	10	26-Apr-90	11DCE	UG03	PC		9.7	Q27	QCSP	0	31-Jul-90	112TCE	UG03	PC	LT	1
Q26	QCSP	10	26-Apr-90	11DCE	UG03	PC		9.21	Q27	QCTB	0	31-Jul-90	11DCE	UG03	PC	LT	1
Q26	QCFB	0	26-Apr-90	11DCLE	UG03	PC	LT	0.78	Q27	QCFB	0	31-Jul-90	11DCE	UG03	PC	LT	1
Q26	QCMB	0	26-Apr-90	11DCLE	UG03	PC	LT	0.78	Q27	QCMB	10	31-Jul-90	11DCE	UG03	PC		8.97
Q26	QCSP	0	26-Apr-90	11DCLE	UG03	PC	LT	0.78	Q27	QCSP	2	31-Jul-90	11DCE	UG03	PC		1.76
Q26	QCFB	0	26-Apr-90	12DCE	UG03	PC	LT	0.5	Q27	QCSP	10	31-Jul-90	11DCE	UG03	PC		9.38
Q26	QCMB	0	26-Apr-90	12DCE	UG03	PC	LT	0.5	Q27	QCSP	0	31-Jul-90	11DCE	UG03	PC	LT	1
Q26	QCSP	5	26-Apr-90	12DCE	UG03	PC		4.47	Q27	QCTB	0	31-Jul-90	11DCLE	UG03	PC	LT	0.78
Q26	QCSP	5	26-Apr-90	12DCE	UG03	PC		4.64	Q27	QCFB	0	31-Jul-90	11DCLE	UG03	PC	LT	0.78
Q26	QCSP	1	26-Apr-90	12DCE	UG03	PC		0.95	Q27	QCMB	0	31-Jul-90	11DCLE	UG03	PC	LT	0.78
Q26	QCFB	0	26-Apr-90	12DCLE	UG03	PC	LT	0.5	Q27	QCSP	0	31-Jul-90	11DCLE	UG03	PC	LT	0.78
Q26	QCMB	0	26-Apr-90	12DCLE	UG03	PC	LT	0.5	Q27	QCTB	0	31-Jul-90	12DCE	UG03	PC	LT	0.5
Q26	QCSP	5	26-Apr-90	12DCLE	UG03	PC		4.7	Q27	QCFB	0	31-Jul-90	12DCE	UG03	PC	LT	0.5
Q26	QCSP	1	26-Apr-90	12DCLE	UG03	PC		0.92	Q27	QCMB	1	31-Jul-90	12DCE	UG03	PC		1.03
Q26	QCSP	5	26-Apr-90	12DCLE	UG03	PC		4.42	Q27	QCSP	5	31-Jul-90	12DCE	UG03	PC		4.88
Q26	QCFB	0	26-Apr-90	12DCLP	UG03	PC	LT	1	Q27	QCSP	5	31-Jul-90	12DCE	UG03	PC		5.19
Q26	QCMB	0	26-Apr-90	12DCLP	UG03	PC	LT	1	Q27	QCSP	0	31-Jul-90	12DCE	UG03	PC	LT	0.5
Q26	QCSP	0	26-Apr-90	12DCLP	UG03	PC	LT	1	Q27	QCTB	0	31-Jul-90	12DCLE	UG03	PC	LT	0.5
Q26	QCFB	0	26-Apr-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCFB	0	31-Jul-90	12DCLE	UG03	PC	LT	0.5
Q26	QCMB	0	26-Apr-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCMB	5	31-Jul-90	12DCLE	UG03	PC		5
Q26	QCSP	0	26-Apr-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCSP	5	31-Jul-90	12DCLE	UG03	PC		4.84
Q26	QCSP	0	26-Apr-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCSP	1	31-Jul-90	12DCLE	UG03	PC		1.06
Q26	QCFB	0	26-Apr-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCSP	0	31-Jul-90	12DCLE	UG03	PC	LT	0.5
Q26	QCMB	0	26-Apr-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCTB	0	31-Jul-90	12DCLP	UG03	PC	LT	1
Q26	QCSP	0	26-Apr-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCFB	0	31-Jul-90	12DCLP	UG03	PC	LT	1
Q26	QCFB	0	26-Apr-90	CHCL3	UG03	PC	LT	0.72	Q27	QCMB	0	31-Jul-90	12DCLP	UG03	PC	LT	1
Q26	QCMB	0	26-Apr-90	CHCL3	UG03	PC	LT	0.72	Q27	QCSP	0	31-Jul-90	12DCLP	UG03	PC	LT	1
Q26	QCSP	0	26-Apr-90	CHCL3	UG03	PC	LT	0.72	Q27	QCTB	0	31-Jul-90	C2H3CL	UG03	PC	LT	1.9
Q26	QCFB	0	26-Apr-90	TCLEE	UG03	PC	LT	1	Q27	QCFB	0	31-Jul-90	C2H3CL	UG03	PC	LT	1.9
Q26	QCMB	0	26-Apr-90	TCLEE	UG03	PC	LT	1	Q27	QCMB	0	31-Jul-90	C2H3CL	UG03	PC	LT	1.9
Q26	QCSP	2	26-Apr-90	TCLEE	UG03	PC		2.14	Q27	QCSP	0	31-Jul-90	C2H3CL	UG03	PC	LT	1.9
Q26	QCSP	10	26-Apr-90	TCLEE	UG03	PC		10	Q27	QCTB	0.000	31-Jul-90	C6H6	UP01	PC	LT	0.41
Q26	QCSP	10	26-Apr-90	TCLEE	UG03	PC		9.36	Q27	QCFB	0.000	31-Jul-90	C6H6	UP01	PC	LT	0.41
Q26	QCFB	0	26-Apr-90	TCLTFE	UG03	PC	LT	1	Q27	QCMB	5.000	31-Jul-90	C6H6	UP01	PC		4.15
Q26	QCMB	0	26-Apr-90	TCLTFE	UG03	PC	LT	1	Q27	QCSP	1.000	31-Jul-90	C6H6	UP01	PC		1.01
Q26	QCSP	0	26-Apr-90	TCLTFE	UG03	PC	LT	1	Q27	QCSP	5.000	31-Jul-90	C6H6	UP01	PC		4.31
Q26	QCFB	0	26-Apr-90	TRCLE	UG03	PC	LT	0.5	Q27	QCTB	0.000	31-Jul-90	C6H6	UP01	PC	LT	0.41
Q27	QCFB	0	31-Jul-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCMB	0	01-Aug-90	11DCE	UG03	PC	LT	1
Q27	QCMB	0	31-Jul-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCSP	2	01-Aug-90	11DCE	UG03	PC		1.6

TABLE 4  
GROUNDWATER QUALITY QA/QC DATA (ORGANICS) - ug/l

Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value	Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value
Q27	QCSP	0	31-Jul-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCSP	10	01-Aug-90	11DCE	UG03	PC		9.8
Q27	QCTB	0	31-Jul-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCSP	10	01-Aug-90	11DCE	UG03	PC		10.3
Q27	QCFB	0	31-Jul-90	CHCL3	UG03	PC	LT	0.72	Q27	QCTB	0	01-Aug-90	11DCE	UG03	PC	LT	1
Q27	QCMB	0	31-Jul-90	CHCL3	UG03	PC	LT	0.72	Q27	QCFB	0	01-Aug-90	11DCE	UG03	PC	LT	0.78
Q27	QCSP	0	31-Jul-90	CHCL3	UG03	PC	LT	0.72	Q27	QCMB	0	01-Aug-90	11DCE	UG03	PC	LT	0.78
Q27	QCTB	0	31-Jul-90	CHCL3	UG03	PC	LT	0.72	Q27	QCSP	0	01-Aug-90	11DCE	UG03	PC	LT	0.78
Q27	QCFB	0.000	31-Jul-90	MEC6H5	UP01	PC		1.21	Q27	QCTB	0	01-Aug-90	11DCE	UG03	PC	LT	0.78
Q27	QCMB	0.000	31-Jul-90	MEC6H5	UP01	PC	LT	0.87	Q27	QCFB	0	01-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCSP	10.000	31-Jul-90	MEC6H5	UP01	PC		10.1	Q27	QCMB	0	01-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCSP	2.000	31-Jul-90	MEC6H5	UP01	PC		2.26	Q27	QCSP	5	01-Aug-90	12DCE	UG03	PC		5.33
Q27	QCSP	10.000	31-Jul-90	MEC6H5	UP01	PC		10.5	Q27	QCSP	1	01-Aug-90	12DCE	UG03	PC		0.98
Q27	QCTB	0.000	31-Jul-90	MEC6H5	UP01	PC		1.61	Q27	QCSP	5	01-Aug-90	12DCE	UG03	PC		5.29
Q27	QCFB	0	31-Jul-90	TCLEE	UG03	PC	LT	1	Q27	QCTB	0	01-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCMB	0	31-Jul-90	TCLEE	UG03	PC	LT	1	Q27	QCFB	0	01-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCSP	2	31-Jul-90	TCLEE	UG03	PC		2.18	Q27	QCMB	0	01-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCSP	10	31-Jul-90	TCLEE	UG03	PC		10.1	Q27	QCSP	1	01-Aug-90	12DCE	UG03	PC		0.95
Q27	QCSP	10	31-Jul-90	TCLEE	UG03	PC		10.9	Q27	QCSP	5	01-Aug-90	12DCE	UG03	PC		5.29
Q27	QCTB	0	31-Jul-90	TCLEE	UG03	PC	LT	1	Q27	QCSP	5	01-Aug-90	12DCE	UG03	PC		5.4
Q27	QCFB	0	31-Jul-90	TCLTFE	UG03	PC	LT	1	Q27	QCTB	0	01-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCMB	0	31-Jul-90	TCLTFE	UG03	PC	LT	1	Q27	QCFB	0	01-Aug-90	12DCLP	UG03	PC	LT	1
Q27	QCSP	0	31-Jul-90	TCLTFE	UG03	PC	LT	1	Q27	QCMB	0	01-Aug-90	12DCLP	UG03	PC	LT	1
Q27	QCTB	0	31-Jul-90	TCLTFE	UG03	PC	LT	1	Q27	QCSP	0	01-Aug-90	12DCLP	UG03	PC	LT	1
Q27	QCFB	0	31-Jul-90	TRCLE	UG03	PC	LT	0.5	Q27	QCTB	0	01-Aug-90	12DCLP	UG03	PC	LT	1
Q27	QCMB	0	31-Jul-90	TRCLE	UG03	PC	LT	0.5	Q27	QCFB	0	01-Aug-90	C2H3CL	UG03	PC	LT	1.9
Q27	QCSP	5	31-Jul-90	TRCLE	UG03	PC		4.32	Q27	QCMB	0	01-Aug-90	C2H3CL	UG03	PC	LT	1.9
Q27	QCSP	5	31-Jul-90	TRCLE	UG03	PC		5.02	Q27	QCSP	0	01-Aug-90	C2H3CL	UG03	PC	LT	1.9
Q27	QCSP	1	31-Jul-90	TRCLE	UG03	PC		1.27	Q27	QCTB	0	01-Aug-90	C2H3CL	UG03	PC	LT	1.9
Q27	QCTB	0	31-Jul-90	TRCLE	UG03	PC	LT	0.5	Q27	QCFB	0	01-Aug-90	C6H6	UP01	PC	LT	0.41
Q27	QCFB	0.000	31-Jul-90	TXYLEN	UP01	PC	LT	8.28	Q27	QCMB	0	01-Aug-90	C6H6	UP01	PC	LT	0.41
Q27	QCMB	0.000	31-Jul-90	TXYLEN	UP01	PC	LT	8.28	Q27	QCSP	5	01-Aug-90	C6H6	UP01	PC		4.22
Q27	QCSP	15.000	31-Jul-90	TXYLEN	UP01	PC		15.6	Q27	QCSP	5	01-Aug-90	C6H6	UP01	PC		4.55
Q27	QCSP	75.000	31-Jul-90	TXYLEN	UP01	PC		78.3	Q27	QCSP	1	01-Aug-90	C6H6	UP01	PC		0.74
Q27	QCSP	75.000	31-Jul-90	TXYLEN	UP01	PC		73.2	Q27	QCTB	0	01-Aug-90	C6H6	UP01	PC	LT	0.41
Q27	QCTB	0.000	31-Jul-90	TXYLEN	UP01	PC	LT	8.28	Q27	QCFB	0	01-Aug-90	CH2CL2	UG03	PC	LT	3.2
Q27	QCFB	0	01-Aug-90	111TCE	UG03	PC	LT	1	Q27	QCMB	0	01-Aug-90	CH2CL2	UG03	PC	LT	3.2
Q27	QCMB	0	01-Aug-90	111TCE	UG03	PC	LT	1	Q27	QCSP	0	01-Aug-90	CH2CL2	UG03	PC	LT	3.2
Q27	QCSP	2	01-Aug-90	111TCE	UG03	PC		1.89	Q27	QCTB	0	01-Aug-90	CH2CL2	UG03	PC	LT	3.2
Q27	QCSP	10	01-Aug-90	111TCE	UG03	PC		10.3	Q27	QCFB	0	01-Aug-90	CHCL3	UG03	PC	LT	0.72
Q27	QCSP	10	01-Aug-90	111TCE	UG03	PC		10.2	Q27	QCMB	0	01-Aug-90	CHCL3	UG03	PC	LT	0.72
Q27	QCTB	0	01-Aug-90	111TCE	UG03	PC	LT	1	Q27	QCSP	0	01-Aug-90	CHCL3	UG03	PC	LT	0.72
Q27	QCFB	0	01-Aug-90	112TCE	UG03	PC	LT	1	Q27	QCTB	0	01-Aug-90	CHCL3	UG03	PC	LT	0.72
Q27	QCMB	0	01-Aug-90	112TCE	UG03	PC	LT	1	Q27	QCFB	0	01-Aug-90	MEC6H5	UP01	PC		1.16
Q27	QCSP	10	01-Aug-90	112TCE	UG03	PC		15.4	Q27	QCFB	0	01-Aug-90	MEC6H5	UP01	PC		1.33
Q27	QCSP	2	01-Aug-90	112TCE	UG03	PC		2.59	Q27	QCMB	0	01-Aug-90	MEC6H5	UP01	PC	LT	0.87
Q27	QCSP	10	01-Aug-90	112TCE	UG03	PC		16.7	Q27	QCSP	10	01-Aug-90	MEC6H5	UP01	PC		10.6
Q27	QCTB	0	01-Aug-90	112TCE	UG03	PC	LT	1	Q27	QCSP	2	01-Aug-90	MEC6H5	UP01	PC		1.88
Q27	QCFB	0	01-Aug-90	11DCE	UG03	PC	LT	1	Q27	QCSP	10	01-Aug-90	MEC6H5	UP01	PC		10.7
Q27	QCTB	0	01-Aug-90	MEC6H5	UP01	PC	LT	0.87	Q27	QCTB	0	02-Aug-90	11DCE	UG03	PC	LT	0.78
Q27	QCTB	0	01-Aug-90	MEC6H5	UP01	PC		1.79	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCFB	0	01-Aug-90	TCLEE	UG03	PC	LT	1	Q27	QCMB	0	02-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCFB	0	01-Aug-90	TCLEE	UG03	PC		1.87	Q27	QCSP	1	02-Aug-90	12DCE	UG03	PC		1.04
Q27	QCMB	0	01-Aug-90	TCLEE	UG03	PC	LT	1	Q27	QCSP	5	02-Aug-90	12DCE	UG03	PC		4.89

TABLE 4  
GROUNDWATER QUALITY QA/QC DATA (ORGANICS) - ug/l

Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value	Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value
Q27	QCSP	10	01-Aug-90	TCLEE	UG03	PC		12.1	Q27	QCSP	1	02-Aug-90	12DCE	UG03	PC		1.04
Q27	QCSP	2	01-Aug-90	TCLEE	UG03	PC		2.05	Q27	QCSP	5	02-Aug-90	12DCE	UG03	PC		5.09
Q27	QCSP	10	01-Aug-90	TCLEE	UG03	PC		10.9	Q27	QCSP	5	02-Aug-90	12DCE	UG03	PC		5.09
Q27	QCTB	0	01-Aug-90	TCLEE	UG03	PC	LT	1	Q27	QCTB	0	02-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCFB	0	01-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCFB	0	01-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCFB	0	01-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCMB	0	02-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCFB	0	01-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCSP	5	02-Aug-90	12DCE	UG03	PC		4.98
Q27	QCFB	0	01-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCSP	5	02-Aug-90	12DCE	UG03	PC		4.98
Q27	QCFB	0	01-Aug-90	TRCLE	UG03	PC		1.74	Q27	QCSP	1	02-Aug-90	12DCE	UG03	PC		1
Q27	QCFB	0	01-Aug-90	TRCLE	UG03	PC	LT	0.5	Q27	QCSP	1	02-Aug-90	12DCE	UG03	PC		1
Q27	QCFB	0	01-Aug-90	TRCLE	UG03	PC	LT	0.5	Q27	QCSP	5	02-Aug-90	12DCE	UG03	PC		5.2
Q27	QCMB	0	01-Aug-90	TRCLE	UG03	PC		1.01	Q27	QCTB	0	02-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCSP	1	01-Aug-90	TRCLE	UG03	PC		4.77	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	1
Q27	QCSP	5	01-Aug-90	TRCLE	UG03	PC		5.11	Q27	QCMB	0	02-Aug-90	12DCE	UG03	PC	LT	1
Q27	QCSP	5	01-Aug-90	TRCLE	UG03	PC		0.5	Q27	QCSP	0	02-Aug-90	12DCE	UG03	PC	LT	1
Q27	QCTB	0	01-Aug-90	TRCLE	UG03	PC	LT	8.28	Q27	QCTB	0	02-Aug-90	12DCE	UG03	PC	LT	1
Q27	QCFB	0	01-Aug-90	TXYLEN	UP01	PC	LT	8.28	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	1.9
Q27	QCMB	0	01-Aug-90	TXYLEN	UP01	PC	LT	81.5	Q27	QCMB	0	02-Aug-90	12DCE	UG03	PC	LT	1.9
Q27	QCSP	75	01-Aug-90	TXYLEN	UP01	PC		77.7	Q27	QCSP	0	02-Aug-90	12DCE	UG03	PC	LT	1.9
Q27	QCSP	15	01-Aug-90	TXYLEN	UP01	PC		12.3	Q27	QCSP	0	02-Aug-90	12DCE	UG03	PC	LT	1.9
Q27	QCSP	15	01-Aug-90	TXYLEN	UP01	PC		8.28	Q27	QCTB	0	02-Aug-90	12DCE	UG03	PC	LT	0.41
Q27	QCTB	0	01-Aug-90	TXYLEN	UP01	PC	LT	1	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	0.41
Q27	QCFB	0	02-Aug-90	111TCE	UG03	PC	LT	10.1	Q27	QCMB	0	02-Aug-90	12DCE	UG03	PC	LT	4.68
Q27	QCMB	0	02-Aug-90	111TCE	UG03	PC	LT	2.06	Q27	QCSP	1	02-Aug-90	12DCE	UG03	PC		0.84
Q27	QCSP	10	02-Aug-90	111TCE	UG03	PC		10.3	Q27	QCSP	5	02-Aug-90	12DCE	UG03	PC		4.32
Q27	QCSP	2	02-Aug-90	111TCE	UG03	PC		10.3	Q27	QCTB	0	02-Aug-90	12DCE	UG03	PC	LT	0.41
Q27	QCTB	0	02-Aug-90	111TCE	UG03	PC	LT	1	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	3.2
Q27	QCFB	0	02-Aug-90	112TCE	UG03	PC	LT	1	Q27	QCMB	0	02-Aug-90	12DCE	UG03	PC	LT	3.2
Q27	QCMB	0	02-Aug-90	112TCE	UG03	PC	LT	2.49	Q27	QCSP	0	02-Aug-90	12DCE	UG03	PC	LT	3.2
Q27	QCSP	2	02-Aug-90	112TCE	UG03	PC		14.1	Q27	QCTB	0	02-Aug-90	12DCE	UG03	PC	LT	3.2
Q27	QCSP	10	02-Aug-90	112TCE	UG03	PC		14.1	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	0.72
Q27	QCSP	10	02-Aug-90	112TCE	UG03	PC		14.3	Q27	QCMB	0	02-Aug-90	12DCE	UG03	PC	LT	0.72
Q27	QCSP	10	02-Aug-90	112TCE	UG03	PC		2.49	Q27	QCMB	0	02-Aug-90	12DCE	UG03	PC	LT	0.72
Q27	QCTB	0	02-Aug-90	112TCE	UG03	PC	LT	1	Q27	QCTB	0	02-Aug-90	12DCE	UG03	PC	LT	0.72
Q27	QCFB	0	02-Aug-90	11DCE	UG03	PC	LT	1	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	1.57
Q27	QCMB	0	02-Aug-90	11DCE	UG03	PC	LT	1	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	1.43
Q27	QCSP	10	02-Aug-90	11DCE	UG03	PC		8.77	Q27	QCMB	0	02-Aug-90	12DCE	UG03	PC	LT	0.87
Q27	QCSP	10	02-Aug-90	11DCE	UG03	PC		9.4	Q27	QCSP	10	02-Aug-90	12DCE	UG03	PC		10.5
Q27	QCSP	2	02-Aug-90	11DCE	UG03	PC		1.63	Q27	QCSP	10	02-Aug-90	12DCE	UG03	PC		10.7
Q27	QCSP	2	02-Aug-90	11DCE	UG03	PC		1	Q27	QCSP	2	02-Aug-90	12DCE	UG03	PC		2.09
Q27	QCTB	0	02-Aug-90	11DCE	UG03	PC	LT	0.78	Q27	QCTB	0	02-Aug-90	12DCE	UG03	PC	LT	0.87
Q27	QCFB	0	02-Aug-90	11DCE	UG03	PC	LT	0.78	Q27	QCFB	0	02-Aug-90	12DCE	UG03	PC	LT	1
Q27	QCMB	0	02-Aug-90	11DCE	UG03	PC	LT	0.78	Q27	QCMB	0	02-Aug-90	12DCE	UG03	PC	LT	1
Q27	QCSP	10	02-Aug-90	TCLEE	UG03	PC		10.5	Q27	QCSP	10	02-Aug-90	12DCE	UG03	PC		10.6
Q27	QCSP	10	02-Aug-90	TCLEE	UG03	PC		10.5	Q27	QCSP	2	02-Aug-90	12DCE	UG03	PC		2.09
Q27	QCTB	0	02-Aug-90	TCLEE	UG03	PC	LT	1	Q27	QCSP	0	03-Aug-90	12DCE	UG03	PC	LT	1.9
Q27	QCFB	0	02-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCMB	0	03-Aug-90	12DCE	UG03	PC	LT	0.41
Q27	QCMB	0	02-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCSP	5	03-Aug-90	12DCE	UG03	PC		4.4
Q27	QCSP	0	02-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCSP	1	03-Aug-90	12DCE	UG03	PC		0.97
Q27	QCSP	0	02-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCSP	5	03-Aug-90	12DCE	UG03	PC		4.41
Q27	QCSP	0	02-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCMB	0	03-Aug-90	12DCE	UG03	PC	LT	3.2
Q27	QCTB	0	02-Aug-90	TCLTFE	UG03	PC	LT	1	Q27	QCSP	0	03-Aug-90	12DCE	UG03	PC	LT	3.2

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TABLE 4  
GROUNDWATER QUALITY QA/QC DATA (ORGANICS) – ug/l

Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value	Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value
Q27	QCFB	0	02-Aug-90	TRCLE	UG03	PC		0.86	Q27	QCMB	0	03-Aug-90	CHCL3	UG03	PC	LT	0.72
Q27	QCFB	0	02-Aug-90	TRCLE	UG03	PC	LT	0.5	Q27	QCSP	0	03-Aug-90	CHCL3	UG03	PC	LT	0.72
Q27	QCFB	0	02-Aug-90	TRCLE	UG03	PC		0.86	Q27	QCMB	0	03-Aug-90	MEC6H5	UP01	PC	LT	0.87
Q27	QCFB	0	02-Aug-90	TRCLE	UG03	PC	LT	0.5	Q27	QCSP	2	03-Aug-90	MEC6H5	UP01	PC		2.22
Q27	QCMB	0	02-Aug-90	TRCLE	UG03	PC	LT	0.5	Q27	QCSP	10	03-Aug-90	MEC6H5	UP01	PC		10.6
Q27	QCSP	1	02-Aug-90	TRCLE	UG03	PC		1.12	Q27	QCSP	10	03-Aug-90	MEC6H5	UP01	PC		10.4
Q27	QCSP	5	02-Aug-90	TRCLE	UG03	PC		5.07	Q27	QCMB	0	03-Aug-90	TCLEE	UG03	PC	LT	1
Q27	QCSP	5	02-Aug-90	TRCLE	UG03	PC		5.84	Q27	QCSP	10	03-Aug-90	TCLEE	UG03	PC		10.6
Q27	QCSP	5	02-Aug-90	TRCLE	UG03	PC		5.07	Q27	QCSP	2	03-Aug-90	TCLEE	UG03	PC		2.28
Q27	QCSP	1	02-Aug-90	TRCLE	UG03	PC		1.12	Q27	QCSP	10	03-Aug-90	TCLEE	UG03	PC		10.7
Q27	QCSP	5	02-Aug-90	TRCLE	UG03	PC		5.84	Q27	QCMB	0	03-Aug-90	TCLTPE	UG03	PC	LT	1
Q27	QCTB	0	02-Aug-90	TRCLE	UG03	PC	LT	0.5	Q27	QCSP	0	03-Aug-90	TCLTPE	UG03	PC	LT	1
Q27	QCFB	0	02-Aug-90	TXYLEN	UP01	PC	LT	8.28	Q27	QCMB	0	03-Aug-90	TRCLE	UG03	PC		1.6
Q27	QCMB	0	02-Aug-90	TXYLEN	UP01	PC	LT	8.28	Q27	QCSP	5	03-Aug-90	TRCLE	UG03	PC		5.96
Q27	QCSP	15	02-Aug-90	TXYLEN	UP01	PC		14	Q27	QCSP	1	03-Aug-90	TRCLE	UG03	PC		1.02
Q27	QCSP	75	02-Aug-90	TXYLEN	UP01	PC		79.9	Q27	QCSP	5	03-Aug-90	TRCLE	UG03	PC		5.36
Q27	QCSP	75	02-Aug-90	TXYLEN	UP01	PC		78.6	Q27	QCMB	0	03-Aug-90	TXYLEN	UP01	PC	LT	8.28
Q27	QCTB	0	02-Aug-90	TXYLEN	UP01	PC	LT	8.28	Q27	QCSP	75	03-Aug-90	TXYLEN	UP01	PC		80.9
Q27	QCMB	0	03-Aug-90	111TCE	UG03	PC	LT	1	Q27	QCSP	75	03-Aug-90	TXYLEN	UP01	PC		76.7
Q27	QCSP	10	03-Aug-90	111TCE	UG03	PC		10.8	Q27	QCSP	15	03-Aug-90	TXYLEN	UP01	PC		15.3
Q27	QCSP	2	03-Aug-90	111TCE	UG03	PC		2.22	Q28	QCFB	0	28-Sep-90	111TCE	UG03	PC	LT	1
Q27	QCSP	10	03-Aug-90	111TCE	UG03	PC		11	Q28	QCMB	0	28-Sep-90	111TCE	UG03	PC	LT	1
Q27	QCMB	0	03-Aug-90	112TCE	UG03	PC	LT	1	Q28	QCSP	2	28-Sep-90	111TCE	UG03	PC		2.14
Q27	QCSP	2	03-Aug-90	112TCE	UG03	PC		2.76	Q28	QCSP	10	28-Sep-90	111TCE	UG03	PC		10.6
Q27	QCSP	10	03-Aug-90	112TCE	UG03	PC		13.9	Q28	QCSP	10	28-Sep-90	111TCE	UG03	PC		10.8
Q27	QCSP	10	03-Aug-90	112TCE	UG03	PC		13.8	Q28	QCTB	0	28-Sep-90	111TCE	UG03	PC	LT	1
Q27	QCMB	0	03-Aug-90	11DCE	UG03	PC	LT	1	Q28	QCFB	0	28-Sep-90	112TCE	UG03	PC	LT	1
Q27	QCSP	2	03-Aug-90	11DCE	UG03	PC		1.74	Q28	QCMB	0	28-Sep-90	112TCE	UG03	PC	LT	1
Q27	QCSP	10	03-Aug-90	11DCE	UG03	PC		9.25	Q28	QCSP	10	28-Sep-90	112TCE	UG03	PC		10.2
Q27	QCSP	10	03-Aug-90	11DCE	UG03	PC		8.55	Q28	QCSP	2	28-Sep-90	112TCE	UG03	PC		2.07
Q27	QCMB	0	03-Aug-90	11DCLE	UG03	PC	LT	0.78	Q28	QCSP	10	28-Sep-90	112TCE	UG03	PC		10.1
Q27	QCSP	0	03-Aug-90	11DCLE	UG03	PC	LT	0.78	Q28	QCTB	0	28-Sep-90	112TCE	UG03	PC	LT	1
Q27	QCMB	0	03-Aug-90	12DCE	UG03	PC	LT	0.5	Q28	QCFB	0	28-Sep-90	11DCE	UG03	PC	LT	1
Q27	QCSP	5	03-Aug-90	12DCE	UG03	PC		5.14	Q28	QCMB	0	28-Sep-90	11DCE	UG03	PC	LT	1
Q27	QCSP	5	03-Aug-90	12DCE	UG03	PC		5.24	Q28	QCSP	2	28-Sep-90	11DCE	UG03	PC		1.49
Q27	QCSP	1	03-Aug-90	12DCE	UG03	PC		1.11	Q28	QCSP	10	28-Sep-90	11DCE	UG03	PC		7.43
Q27	QCMB	0	03-Aug-90	12DCLE	UG03	PC	LT	0.5	Q28	QCSP	10	28-Sep-90	11DCE	UG03	PC		7.54
Q27	QCSP	1	03-Aug-90	12DCLE	UG03	PC		1.07	Q28	QCTB	0	28-Sep-90	11DCE	UG03	PC	LT	1
Q27	QCSP	5	03-Aug-90	12DCLE	UG03	PC		5.31	Q28	QCFB	0	28-Sep-90	11DCLE	UG03	PC	LT	0.78
Q27	QCSP	5	03-Aug-90	12DCLE	UG03	PC		5.15	Q28	QCMB	0	28-Sep-90	11DCLE	UG03	PC	LT	0.78
Q27	QCMB	0	03-Aug-90	12DCLP	UG03	PC	LT	1	Q28	QCSP	0	28-Sep-90	11DCLE	UG03	PC	LT	0.78
Q27	QCSP	0	03-Aug-90	12DCLP	UG03	PC	LT	1	Q28	QCTB	0	28-Sep-90	11DCLE	UG03	PC	LT	0.78
Q27	QCMB	0	03-Aug-90	C2H3CL	UG03	PC	LT	1.9	Q28	QCFB	0	28-Sep-90	12DCE	UG03	PC	LT	0.5
Q28	QCMB	0	28-Sep-90	12DCE	UG03	PC	LT	0.5	Q28	QCSP	5	28-Sep-90	TRCLE	UG03	PC		5.32
Q28	QCSP	1	28-Sep-90	12DCE	UG03	PC		1.01	Q28	QCTB	0	28-Sep-90	TRCLE	UG03	PC	LT	0.5
Q28	QCSP	5	28-Sep-90	12DCE	UG03	PC		5.07	Q28	QCFB	0	28-Sep-90	TXYLEN	UP01	PC	LT	8.28
Q28	QCSP	5	28-Sep-90	12DCE	UG03	PC		5.19	Q28	QCMB	0	28-Sep-90	TXYLEN	UP01	PC	LT	8.28
Q28	QCTB	0	28-Sep-90	12DCE	UG03	PC	LT	0.5	Q28	QCSP	75	28-Sep-90	TXYLEN	UP01	PC		73.9
Q28	QCFB	0	28-Sep-90	12DCLE	UG03	PC	LT	0.5	Q28	QCSP	75	28-Sep-90	TXYLEN	UP01	PC		74.5
Q28	QCMB	0	28-Sep-90	12DCLE	UG03	PC	LT	0.5	Q28	QCSP	15	28-Sep-90	TXYLEN	UP01	PC		14.7
Q28	QCSP	5	28-Sep-90	12DCLE	UG03	PC		5	Q28	QCMB	0	01-Oct-90	111TCE	UG03	PC	LT	1
Q28	QCSP	1	28-Sep-90	12DCLE	UG03	PC		1.04	Q28	QCSP	2	01-Oct-90	111TCE	UG03	PC		2.17

TABLE 4  
 GROUNDWATER QUALITY QA/QC DATA (ORGANICS) -- ug/l

Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value	Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value
Q28	QCSP	5	28-Sep-90	12DCLE	UG03	PC		4.96	Q28	QCSP	10	01-Oct-90	111TCE	UG03	PC		9.57
Q28	QCTB	0	28-Sep-90	12DCLE	UG03	PC	LT	0.5	Q28	QCSP	10	01-Oct-90	111TCE	UG03	PC		10.6
Q28	QCFB	0	28-Sep-90	12DCLP	UG03	PC	LT	1	Q28	QCMB	0	01-Oct-90	112TCE	UG03	PC	LT	1
Q28	QCMB	0	28-Sep-90	12DCLP	UG03	PC	LT	1	Q28	QCSP	10	01-Oct-90	112TCE	UG03	PC		9.22
Q28	QCSP	0	28-Sep-90	12DCLP	UG03	PC	LT	1	Q28	QCSP	10	01-Oct-90	112TCE	UG03	PC		10.3
Q28	QCTB	0	28-Sep-90	12DCLP	UG03	PC	LT	1	Q28	QCSP	2	01-Oct-90	112TCE	UG03	PC		2.34
Q28	QCFB	0	28-Sep-90	C2H3CL	UG03	PC	LT	1.9	Q28	QCMB	0	01-Oct-90	11DCE	UG03	PC	LT	1
Q28	QCMB	0	28-Sep-90	C2H3CL	UG03	PC	LT	1.9	Q28	QCSP	10	01-Oct-90	11DCE	UG03	PC		7.56
Q28	QCSP	0	28-Sep-90	C2H3CL	UG03	PC	LT	1.9	Q28	QCSP	10	01-Oct-90	11DCE	UG03	PC		6.74
Q28	QCTB	0	28-Sep-90	C2H3CL	UG03	PC	LT	1.9	Q28	QCSP	2	01-Oct-90	11DCE	UG03	PC		1.75
Q28	QCFB	0	28-Sep-90	C6H6	UP01	PC	LT	0.41	Q28	QCMB	0	01-Oct-90	11DCE	UG03	PC	LT	0.78
Q28	QCMB	0	28-Sep-90	C6H6	UP01	PC	LT	0.41	Q28	QCSP	0	01-Oct-90	11DCE	UG03	PC	LT	0.78
Q28	QCSP	5	28-Sep-90	C6H6	UP01	PC		4.17	Q28	QCMB	0	01-Oct-90	12DCE	UG03	PC	LT	0.5
Q28	QCSP	5	28-Sep-90	C6H6	UP01	PC		4.21	Q28	QCSP	5	01-Oct-90	12DCE	UG03	PC		4.64
Q28	QCSP	1	28-Sep-90	C6H6	UP01	PC		1.08	Q28	QCSP	1	01-Oct-90	12DCE	UG03	PC		1.18
Q28	QCFB	0	28-Sep-90	CH2CL2	UG03	PC	LT	3.2	Q28	QCSP	5	01-Oct-90	12DCE	UG03	PC		5.07
Q28	QCMB	0	28-Sep-90	CH2CL2	UG03	PC	LT	3.2	Q28	QCMB	0	01-Oct-90	12DCE	UG03	PC	LT	0.5
Q28	QCSP	0	28-Sep-90	CH2CL2	UG03	PC	LT	3.2	Q28	QCSP	5	01-Oct-90	12DCE	UG03	PC		4.94
Q28	QCTB	0	28-Sep-90	CH2CL2	UG03	PC	LT	3.2	Q28	QCSP	5	01-Oct-90	12DCE	UG03	PC		4.39
Q28	QCFB	0	28-Sep-90	CHCL3	UG03	PC	LT	0.72	Q28	QCSP	1	01-Oct-90	12DCE	UG03	PC		1.16
Q28	QCMB	0	28-Sep-90	CHCL3	UG03	PC	LT	0.72	Q28	QCMB	0	01-Oct-90	12DCLP	UG03	PC	LT	1
Q28	QCSP	0	28-Sep-90	CHCL3	UG03	PC	LT	0.72	Q28	QCSP	0	01-Oct-90	12DCLP	UG03	PC	LT	1
Q28	QCTB	0	28-Sep-90	CHCL3	UG03	PC	LT	0.72	Q28	QCMB	0	01-Oct-90	C2H3CL	UG03	PC	LT	1.9
Q28	QCFB	0	28-Sep-90	MEC6H5	UP01	PC		0.95	Q28	QCSP	0	01-Oct-90	C2H3CL	UG03	PC	LT	1.9
Q28	QCMB	0	28-Sep-90	MEC6H5	UP01	PC	LT	0.87	Q28	QCMB	0	01-Oct-90	C6H6	UP01	PC	LT	0.41
Q28	QCSP	2	28-Sep-90	MEC6H5	UP01	PC		1.87	Q28	QCSP	5	01-Oct-90	C6H6	UP01	PC		3.92
Q28	QCSP	10	28-Sep-90	MEC6H5	UP01	PC		9.63	Q28	QCSP	5	01-Oct-90	C6H6	UP01	PC		4.27
Q28	QCSP	10	28-Sep-90	MEC6H5	UP01	PC		9.54	Q28	QCSP	1	01-Oct-90	C6H6	UP01	PC		1.05
Q28	QCFB	0	28-Sep-90	TCLEE	UG03	PC	LT	1	Q28	QCMB	0	01-Oct-90	CH2CL2	UG03	PC	LT	3.2
Q28	QCMB	0	28-Sep-90	TCLEE	UG03	PC	LT	1	Q28	QCSP	0	01-Oct-90	CH2CL2	UG03	PC	LT	3.2
Q28	QCSP	2	28-Sep-90	TCLEE	UG03	PC		2.07	Q28	QCMB	0	01-Oct-90	CHCL3	UG03	PC	LT	0.72
Q28	QCSP	10	28-Sep-90	TCLEE	UG03	PC		10	Q28	QCSP	0	01-Oct-90	CHCL3	UG03	PC	LT	0.72
Q28	QCTB	0	28-Sep-90	TCLEE	UG03	PC	LT	1	Q28	QCMB	0	01-Oct-90	MEC6H5	UP01	PC	LT	0.87
Q28	QCFB	0	28-Sep-90	TCLTFE	UG03	PC	LT	1	Q28	QCSP	2	01-Oct-90	MEC6H5	UP01	PC		1.98
Q28	QCMB	0	28-Sep-90	TCLTFE	UG03	PC	LT	1	Q28	QCSP	10	01-Oct-90	MEC6H5	UP01	PC		9.72
Q28	QCSP	0	28-Sep-90	TCLTFE	UG03	PC	LT	1	Q28	QCSP	10	01-Oct-90	MEC6H5	UP01	PC		9.11
Q28	QCTB	0	28-Sep-90	TCLTFE	UG03	PC	LT	1	Q28	QCMB	0	01-Oct-90	TCLEE	UG03	PC	LT	1
Q28	QCFB	0	28-Sep-90	TRCLE	UG03	PC	LT	0.5	Q28	QCSP	2	01-Oct-90	TCLEE	UG03	PC		2.28
Q28	QCMB	0	28-Sep-90	TRCLE	UG03	PC	LT	0.5	Q28	QCSP	10	01-Oct-90	TCLEE	UG03	PC		9.72
Q28	QCSP	1	28-Sep-90	TRCLE	UG03	PC		0.77	Q28	QCSP	10	01-Oct-90	TCLEE	UG03	PC		8.92
Q28	QCSP	5	28-Sep-90	TRCLE	UG03	PC		5.38	Q28	QCMB	0	01-Oct-90	TCLTFE	UG03	PC	LT	1
Q28	QCSP	0	01-Oct-90	TCLTFE	UG03	PC	LT	1	Q28	QCSP	0	02-Oct-90	C2H3CL	UG03	PC	LT	1.9
Q28	QCMB	0	01-Oct-90	TRCLE	UG03	PC	LT	0.5	Q28	QCTB	0	02-Oct-90	C2H3CL	UG03	PC	LT	1.9
Q28	QCSP	1	01-Oct-90	TRCLE	UG03	PC		1.03	Q28	QCFB	0	02-Oct-90	C6H6	UP01	PC	LT	0.41
Q28	QCSP	5	01-Oct-90	TRCLE	UG03	PC		5.15	Q28	QCMB	0	02-Oct-90	C6H6	UP01	PC	LT	0.41
Q28	QCSP	5	01-Oct-90	TRCLE	UG03	PC		4.74	Q28	QCSP	5	02-Oct-90	C6H6	UP01	PC		4.73
Q28	QCMB	0	01-Oct-90	TXYLEN	UP01	PC	LT	8.28	Q28	QCSP	5	02-Oct-90	C6H6	UP01	PC		4.57
Q28	QCSP	75	01-Oct-90	TXYLEN	UP01	PC		71.2	Q28	QCSP	1	02-Oct-90	C6H6	UP01	PC		1.1
Q28	QCSP	15	01-Oct-90	TXYLEN	UP01	PC		15.1	Q28	QCSP	5	02-Oct-90	C6H6	UP01	PC		4.57
Q28	QCSP	75	01-Oct-90	TXYLEN	UP01	PC		75.5	Q28	QCSP	5	02-Oct-90	C6H6	UP01	PC		4.73
Q28	QCFB	0	02-Oct-90	111TCE	UG03	PC	LT	1	Q28	QCTB	0	02-Oct-90	C6H6	UP01	PC	LT	0.41
Q28	QCMB	0	02-Oct-90	111TCE	UG03	PC	LT	1	Q28	QCFB	0	02-Oct-90	CH2CL2	UG03	PC	LT	3.2

TABLE 4  
GROUNDWATER QUALITY QA/QC DATA (ORGANICS) - ug/l

Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value	Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value
Q28	QCSP	10	02-Oct-90	111TCE	UG03	PC		10.2	Q28	QCMB	0	02-Oct-90	CH2CL2	UG03	PC	LT	3.2
Q28	QCSP	10	02-Oct-90	111TCE	UG03	PC		10.6	Q28	QCSP	0	02-Oct-90	CH2CL2	UG03	PC	LT	3.2
Q28	QCSP	2	02-Oct-90	111TCE	UG03	PC		2.38	Q28	QCTB	0	02-Oct-90	CH2CL2	UG03	PC	LT	3.2
Q28	QCTB	0	02-Oct-90	111TCE	UG03	PC	LT	1	Q28	QCFB	0	02-Oct-90	CHCL3	UG03	PC	LT	0.72
Q28	QCFB	0	02-Oct-90	112TCE	UG03	PC	LT	1	Q28	QCMB	0	02-Oct-90	CHCL3	UG03	PC	LT	0.72
Q28	QCMB	0	02-Oct-90	112TCE	UG03	PC	LT	1	Q28	QCSP	0	02-Oct-90	CHCL3	UG03	PC	LT	0.72
Q28	QCSP	10	02-Oct-90	112TCE	UG03	PC		10.4	Q28	QCTB	0	02-Oct-90	CHCL3	UG03	PC	LT	0.72
Q28	QCSP	10	02-Oct-90	112TCE	UG03	PC		9.88	Q28	QCFB	0	02-Oct-90	MEC6H5	UP01	PC	LT	0.87
Q28	QCSP	2	02-Oct-90	112TCE	UG03	PC		2.38	Q28	QCMB	0	02-Oct-90	MEC6H5	UP01	PC	LT	0.87
Q28	QCTB	0	02-Oct-90	112TCE	UG03	PC	LT	1	Q28	QCSP	10	02-Oct-90	MEC6H5	UP01	PC		10.3
Q28	QCFB	0	02-Oct-90	11DCE	UG03	PC	LT	1	Q28	QCSP	10	02-Oct-90	MEC6H5	UP01	PC		10
Q28	QCMB	0	02-Oct-90	11DCE	UG03	PC	LT	1	Q28	QCSP	10	02-Oct-90	MEC6H5	UP01	PC		10
Q28	QCSP	10	02-Oct-90	11DCE	UG03	PC		7.57	Q28	QCSP	2	02-Oct-90	MEC6H5	UP01	PC		2.11
Q28	QCSP	10	02-Oct-90	11DCE	UG03	PC		7.33	Q28	QCTB	0	02-Oct-90	MEC6H5	UP01	PC	LT	0.87
Q28	QCSP	2	02-Oct-90	11DCE	UG03	PC		1.71	Q28	QCFB	0	02-Oct-90	TCLEE	UG03	PC	LT	1
Q28	QCTB	0	02-Oct-90	11DCE	UG03	PC	LT	1	Q28	QCMB	0	02-Oct-90	TCLEE	UG03	PC	LT	1
Q28	QCFB	0	02-Oct-90	11DCE	UG03	PC	LT	0.78	Q28	QCSP	10	02-Oct-90	TCLEE	UG03	PC		9.52
Q28	QCMB	0	02-Oct-90	11DCE	UG03	PC	LT	0.78	Q28	QCSP	10	02-Oct-90	TCLEE	UG03	PC		9.89
Q28	QCSP	0	02-Oct-90	11DCE	UG03	PC	LT	0.78	Q28	QCSP	2	02-Oct-90	TCLEE	UG03	PC		2.31
Q28	QCTB	0	02-Oct-90	11DCE	UG03	PC	LT	0.78	Q28	QCTB	0	02-Oct-90	TCLEE	UG03	PC	LT	1
Q28	QCFB	0	02-Oct-90	12DCE	UG03	PC	LT	0.5	Q28	QCFB	0	02-Oct-90	TCLTFE	UG03	PC	LT	1
Q28	QCMB	0	02-Oct-90	12DCE	UG03	PC	LT	0.5	Q28	QCMB	0	02-Oct-90	TCLTFE	UG03	PC	LT	1
Q28	QCSP	5	02-Oct-90	12DCE	UG03	PC		5.1	Q28	QCSP	0	02-Oct-90	TCLTFE	UG03	PC	LT	1
Q28	QCSP	5	02-Oct-90	12DCE	UG03	PC		5.01	Q28	QCTB	0	02-Oct-90	TCLTFE	UG03	PC	LT	1
Q28	QCSP	1	02-Oct-90	12DCE	UG03	PC		1.19	Q28	QCFB	0	02-Oct-90	TRCLE	UG03	PC	LT	0.5
Q28	QCTB	0	02-Oct-90	12DCE	UG03	PC	LT	0.5	Q28	QCMB	0	02-Oct-90	TRCLE	UG03	PC	LT	0.5
Q28	QCFB	0	02-Oct-90	12DCE	UG03	PC	LT	0.5	Q28	QCSP	5	02-Oct-90	TRCLE	UG03	PC		5.07
Q28	QCMB	0	02-Oct-90	12DCE	UG03	PC	LT	0.5	Q28	QCSP	5	02-Oct-90	TRCLE	UG03	PC		5.24
Q28	QCSP	1	02-Oct-90	12DCE	UG03	PC		1.13	Q28	QCSP	1	02-Oct-90	TRCLE	UG03	PC		0.99
Q28	QCSP	5	02-Oct-90	12DCE	UG03	PC		5.02	Q28	QCTB	0	02-Oct-90	TRCLE	UG03	PC	LT	0.5
Q28	QCSP	5	02-Oct-90	12DCE	UG03	PC		4.85	Q28	QCFB	0	02-Oct-90	TXYLEN	UP01	PC	LT	8.28
Q28	QCTB	0	02-Oct-90	12DCE	UG03	PC	LT	0.5	Q28	QCMB	0	02-Oct-90	TXYLEN	UP01	PC	LT	8.28
Q28	QCFB	0	02-Oct-90	12DCE	UG03	PC	LT	1	Q28	QCSP	15	02-Oct-90	TXYLEN	UP01	PC		15.6
Q28	QCMB	0	02-Oct-90	12DCE	UG03	PC	LT	1	Q28	QCSP	75	02-Oct-90	TXYLEN	UP01	PC		79.8
Q28	QCSP	0	02-Oct-90	12DCE	UG03	PC	LT	1	Q28	QCSP	75	02-Oct-90	TXYLEN	UP01	PC		79.6
Q28	QCSP	0	02-Oct-90	12DCE	UG03	PC	LT	1	Q28	QCTB	0	02-Oct-90	TXYLEN	UP01	PC	LT	8.28
Q28	QCTB	0	02-Oct-90	12DCE	UG03	PC	LT	1									

**TABLE 5**

**TCAAP Groundwater Quality QA/QC Data (Inorganics)**

Notes:

1. This table represents QA/QC data for analysis of FCC samples.
2. Under the heading Type:
  - QCFB = field blank
  - QCMB = method blank
  - QCRB - rinse blank
  - QCSP = spike
  - QCTB = trip blank
3. Under the heading Lab: PC = PACE Laboratories, Inc.

TABLE 5  
TCAAP GROUNDWATER QUALITY QA/QC DATA (INORGANICS) -ug/L

Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value	Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas	Value
Q26	QCFB	0	26-Apr-90	CCL4	UG03	PC	LT	1.3	Q27	QCTB	0	02-Aug-90	CCL4	UG03	PC	LT	1.3
Q26	QCMB	0	26-Apr-90	CCL4	UG03	PC	LT	1.3	Q27	QCMB	0	02-Aug-90	CU	SD08	PC	LT	1.56
Q26	QCSP	0	26-Apr-90	CCL4	UG03	PC	LT	1.3	Q27	QCSP	10	02-Aug-90	CU	SD08	PC		9.85
Q27	QCMB	0	20-Jul-90	PO4ORT	TF15	PC	LT	10.3	Q27	QCSP	10	02-Aug-90	CU	SD08	PC		9.88
Q27	QCSP	20	20-Jul-90	PO4ORT	TF15	PC		15.9	Q27	QCSP	2	02-Aug-90	CU	SD08	PC		1.71
Q27	QCSP	80	20-Jul-90	PO4ORT	TF15	PC		74.9	Q27	QCMB	0	02-Aug-90	SB	SD08	PC	LT	25.5
Q27	QCSP	80	20-Jul-90	PO4ORT	TF15	PC		77.9	Q27	QCSP	40	02-Aug-90	SB	SD08	PC		36.3
Q27	QCMB	0	25-Jul-90	PO4ORT	TF15	PC	LT	10.3	Q27	QCSP	150	02-Aug-90	SB	SD08	PC		167
Q27	QCSP	20	25-Jul-90	PO4ORT	TF15	PC		18.9	Q27	QCSP	150	02-Aug-90	SB	SD08	PC		157
Q27	QCSP	80	25-Jul-90	PO4ORT	TF15	PC		78.3	Q27	QCFB	0	02-Aug-90	TPO4	TY11	PC	LT	9.36
Q27	QCSP	80	25-Jul-90	PO4ORT	TF15	PC		77.6	Q27	QCMB	0	02-Aug-90	TPO4	TY11	PC	LT	9.36
Q27	QCMB	0	29-Jul-90	CR	SD08	PC	LT	2.5	Q27	QCSP	20	02-Aug-90	TPO4	TY11	PC		15.9
Q27	QCSP	25	29-Jul-90	CR	SD08	PC		25.2	Q27	QCSP	80	02-Aug-90	TPO4	TY11	PC		77.8
Q27	QCSP	5	29-Jul-90	CR	SD08	PC		5.04	Q27	QCSP	80	02-Aug-90	TPO4	TY11	PC		78.4
Q27	QCSP	25	29-Jul-90	CR	SD08	PC		25.3	Q27	QCMB	0	03-Aug-90	CCL4	UG03	PC	LT	1.3
Q27	QCMB	0	30-Jul-90	NI	SD08	PC	LT	5.32	Q27	QCSP	0	03-Aug-90	CCL4	UG03	PC	LT	1.3
Q27	QCSP	40	30-Jul-90	NI	SD08	PC		40.7	Q27	QCMB	0	06-Aug-90	PB	SD08	PC	LT	1.26
Q27	QCSP	40	30-Jul-90	NI	SD08	PC		43.2	Q27	QCSP	2	06-Aug-90	PB	SD08	PC		2.06
Q27	QCSP	10	30-Jul-90	NI	SD08	PC		9.29	Q27	QCSP	10	06-Aug-90	PB	SD08	PC		9.86
Q27	QCFB	0	31-Jul-90	CCL4	UG03	PC	LT	1.3	Q27	QCSP	10	06-Aug-90	PB	SD08	PC		10.4
Q27	QCMB	0	31-Jul-90	CCL4	UG03	PC	LT	1.3	Q27	QCMB	0	07-Aug-90	BA	SD08	PC	LT	9.1
Q27	QCSP	0	31-Jul-90	CCL4	UG03	PC	LT	1.3	Q27	QCSP	100	07-Aug-90	BA	SD08	PC		96.6
Q27	QCTB	0	31-Jul-90	CCL4	UG03	PC	LT	1.3	Q27	QCSP	100	07-Aug-90	BA	SD08	PC		93.1
Q27	QCMB	0	31-Jul-90	MN	SD08	PC	LT	0.5	Q27	QCSP	20	07-Aug-90	BA	SD08	PC		20.4
Q27	QCSP	10	31-Jul-90	MN	SD08	PC		9.24	Q27	QCMB	0	09-Aug-90	NIT	TF13	PC	LT	10
Q27	QCSP	1	31-Jul-90	MN	SD08	PC		1.14	Q27	QCSP	200	09-Aug-90	NIT	TF13	PC		190
Q27	QCSP	10	31-Jul-90	MN	SD08	PC		9.44	Q27	QCSP	20	09-Aug-90	NIT	TF13	PC		16.6
Q27	QCMB	0	01-Aug-90	AG	SD08	PC	LT	0.5	Q27	QCSP	200	09-Aug-90	NIT	TF13	PC		197
Q27	QCSP	1	01-Aug-90	AG	SD08	PC		1.01	Q27	QCMB	0	14-Aug-90	HG	SB07	PC	LT	0.74
Q27	QCSP	5	01-Aug-90	AG	SD08	PC		5.22	Q27	QCSP	7	14-Aug-90	HG	SB07	PC		7.91
Q27	QCSP	5	01-Aug-90	AG	SD08	PC		5.07	Q27	QCSP	2	14-Aug-90	HG	SB07	PC		2.23
Q27	QCMB	0	01-Aug-90	AS	SD08	PC	LT	6.01	Q27	QCSP	7	14-Aug-90	HG	SB07	PC		8.06
Q27	QCSP	40	01-Aug-90	AS	SD08	PC		45.7	Q28	QCMB	0	19-Sep-90	PO4ORT	TF15	PC	LT	10.3
Q27	QCSP	10	01-Aug-90	AS	SD08	PC		10.5	Q28	QCSP	20	19-Sep-90	PO4ORT	TF15	PC		19
Q27	QCSP	40	01-Aug-90	AS	SD08	PC		46.4	Q28	QCSP	80	19-Sep-90	PO4ORT	TF15	PC		81
Q27	QCMB	0	01-Aug-90	BA	SD08	PC	LT	9.1	Q28	QCSP	80	19-Sep-90	PO4ORT	TF15	PC		83.5
Q27	QCSP	100	01-Aug-90	BA	SD08	PC		95.7	Q28	QCMB	0	21-Sep-90	PO4ORT	TF15	PC	LT	10.3
Q27	QCSP	20	01-Aug-90	BA	SD08	PC		19.4	Q28	QCSP	20	21-Sep-90	PO4ORT	TF15	PC		19.1
Q27	QCSP	100	01-Aug-90	BA	SD08	PC		89.3	Q28	QCSP	80	21-Sep-90	PO4ORT	TF15	PC		76.6
Q27	QCFB	0	01-Aug-90	CCL4	UG03	PC	LT	1.3	Q28	QCSP	80	21-Sep-90	PO4ORT	TF15	PC		78.5
Q27	QCMB	0	01-Aug-90	CCL4	UG03	PC	LT	1.3	Q28	QCMB	0	27-Sep-90	CYN	TY03	PC	LT	8.17
Q27	QCSP	0	01-Aug-90	CCL4	UG03	PC	LT	1.3	Q28	QCSP	20	27-Sep-90	CYN	TY03	PC		20.6
Q27	QCTB	0	01-Aug-90	CCL4	UG03	PC	LT	1.3	Q28	QCSP	50	27-Sep-90	CYN	TY03	PC		48.2
Q27	QCMB	0	01-Aug-90	CYN	TY03	PC	LT	8.17	Q28	QCSP	50	27-Sep-90	CYN	TY03	PC		49.3
Q27	QCSP	50	01-Aug-90	CYN	TY03	PC		46.5	Q28	QCFB	0	28-Sep-90	CCL4	UG03	PC	LT	1.3
Q27	QCSP	20	01-Aug-90	CYN	TY03	PC		17	Q28	QCMB	0	28-Sep-90	CCL4	UG03	PC	LT	1.3
Q27	QCSP	50	01-Aug-90	CYN	TY03	PC		46.3	Q28	QCSP	0	28-Sep-90	CCL4	UG03	PC	LT	1.3
Q27	QCFB	0	02-Aug-90	CCL4	UG03	PC	LT	1.3	Q28	QCTB	0	28-Sep-90	CCL4	UG03	PC	LT	1.3
Q27	QCMB	0	02-Aug-90	CCL4	UG03	PC	LT	1.3	Q28	QCFB	0	28-Sep-90	TPO4	TY11	PC	LT	9.36
Q27	QCSP	0	02-Aug-90	CCL4	UG03	PC	LT	1.3	Q28	QCMB	0	28-Sep-90	TPO4	TY11	PC	LT	9.36



7/26/91

TABLE 5  
TCAAP GROUNDWATER QUALITY QA/QC DATA (INORGANICS) -ug/L

Qtr	Type	Spk-Conc	Date	Test	Method	Lab	Meas Value
Q28	QCSP	80	28-Sep-90	TPO4	TY11	PC	76.1
Q28	QCSP	20	28-Sep-90	TPO4	TY11	PC	18.8
Q28	QCSP	80	28-Sep-90	TPO4	TY11	PC	75.7
Q28	QCMB	0	01-Oct-90	CCL4	UG03	PC LT	1.3
Q28	QCSP	0	01-Oct-90	CCL4	UG03	PC LT	1.3
Q28	QCFB	0	02-Oct-90	CCL4	UG03	PC LT	1.3
Q28	QCMB	0	02-Oct-90	CCL4	UG03	PC LT	1.3
Q28	QCSP	0	02-Oct-90	CCL4	UG03	PC LT	1.3
Q28	QCTB	0	02-Oct-90	CCL4	UG03	PC LT	1.3
Q28	QCMB	0	04-Oct-90	NI	SD08	PC LT	5.32
Q28	QCSP	10	04-Oct-90	NI	SD08	PC	10
Q28	QCSP	40	04-Oct-90	NI	SD08	PC	39.5
Q28	QCSP	40	04-Oct-90	NI	SD08	PC	40.9
Q28	QCMB	0	04-Oct-90	PB	SD08	PC LT	1.26
Q28	QCSP	10	04-Oct-90	PB	SD08	PC	10.1
Q28	QCSP	2	04-Oct-90	PB	SD08	PC	1.96
Q28	QCSP	10	04-Oct-90	PB	SD08	PC	9.45
Q28	QCMB	0	08-Oct-90	AS	SD08	PC LT	6.01
Q28	QCSP	10	08-Oct-90	AS	SD08	PC	9.87
Q28	QCSP	40	08-Oct-90	AS	SD08	PC	43.6
Q28	QCSP	40	08-Oct-90	AS	SD08	PC	43.8
Q28	QCMB	0	08-Oct-90	CD	SD08	PC LT	0.37
Q28	QCSP	2.5	08-Oct-90	CD	SD08	PC	2.78
Q28	QCSP	2.5	08-Oct-90	CD	SD08	PC	2.72
Q28	QCSP	1	08-Oct-90	CD	SD08	PC	1.06
Q28	QCMB	0	08-Oct-90	NIT	TF13	PC LT	10
Q28	QCSP	20	08-Oct-90	NIT	TF13	PC	19.3
Q28	QCSP	200	08-Oct-90	NIT	TF13	PC	198
Q28	QCSP	200	08-Oct-90	NIT	TF13	PC	200
Q28	QCMB	0	09-Oct-90	BA	SD08	PC LT	9.1
Q28	QCSP	100	09-Oct-90	BA	SD08	PC	89.4
Q28	QCSP	100	09-Oct-90	BA	SD08	PC	101
Q28	QCSP	20	09-Oct-90	BA	SD08	PC	20.1

## TABLE 6

### Exceedance of Groundwater Action Criteria (Organics)

#### Notes:

1. Qtr = Quarter. Under this heading, F = FCC and A = Alliant Techsystems, Inc.
2. TCAAP GW Criteria = groundwater action criteria set forth in Table 3.7A of the Federal Facilities Agreement.
3. Only those concentrations which exceeded the groundwater action criteria during FY 90 are shown.
4. Well designations with a "B" represent duplicate samples collected for QA/QC purposes.

TABLE 6  
EXCEEDANCE OF GROUNDWATER ACTION CRITERIA (ORGANICS) - ug/L

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,2-Di chloro ethane 12DCE	Chloro form CHCL3	Benzene C6H6
TCAAP GW CRITERIA		0.7	2.8	0.24	70	70	70	22	6.1	0.4	0.19	0.7
01U102	16-Apr-90 F26	250.00	270.00		77.00							
01U102	17-Apr-90 F26											10.90
01U102	17-Jul-90 F27	250.00	300.00		130.00							6.90
01U102	19-Sep-90 F28	170.00	170.00		170.00							
01U102	21-Sep-90 F28	170.00	190.00		190.00							
01U102B	21-Sep-90 F28	190.00	190.00		200.00							
01U108	23-Jan-90 F25	200.00	110.00									
01U108	20-Feb-90 F25	170.00	110.00									
01U108	20-Mar-90 F25	240.00	140.00									
01U108	16-Apr-90 F26	200.00	150.00									
01U108	16-Apr-90 F26	230.00	160.00		76.00							
01U108	22-May-90 F26	76.20	45.00									
01U108	19-Jun-90 F26	68.30	9.94									
01U108	17-Jul-90 F27	75.00	42.00									
01U108	17-Jul-90 F27	68.00	39.00									
01U108	21-Aug-90 F27	110.00	62.00									
01U108	18-Sep-90 F28	140.00	73.00									
01U108B	18-Sep-90 F28	120.00	67.00									
01U108	19-Sep-90 F28	110.00	63.00									
01U108	22-Oct-90 F28	120.00	54.00									
01U115	19-Apr-90 F26		5.71									
01U115	19-Sep-90 F28		4.21									
01U115	20-Sep-90 F28		4.52									
01U116	19-Apr-90 F26		4.27									
01U117	25-Apr-90 F26	10.27	13.63							0.99		2.08
01U120	25-Apr-90 F26											1.31
01U126	01-May-90 F26	5.85										0.93
01U350	23-Jan-90 F25	17.00	11.00									
01U350	20-Feb-90 F25	18.00	11.00									
01U350	20-Mar-90 F25	17.00	11.00									
01U350	16-Apr-90 F26	17.00	11.00									
01U350	22-May-90 F26	13.70	9.24									
01U350	19-Jun-90 F26	17.80	9.94									
01U350	17-Jul-90 F27	20.40	10.20									
01U350	21-Aug-90 F27	18.50	9.89									
01U350	18-Sep-90 F28	20.50	10.30									
01U350	19-Sep-90 F28	18.60	9.62									
01U350	22-Oct-90 F28	27.70	12.00									

TABLE 6  
EXCEEDANCE OF GROUNDWATER ACTION CRITERIA (ORGANICS) - ug/L

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,2-Di chloro ethane 12DCLE	Chloro form CHCL3	Benzene C6H6
TCAAP GW CRITERIA		0.7	2.8	0.24	70	70	70	22	6.1	0.4	0.19	0.7
01U902	08-Feb-90 F25		4.00		77.00							
01U902	20-Feb-90 F25		3.00		83.00							
01U902	16-Apr-90 F26				71.00							
01U902	19-Jun-90 F27		3.32		75.00							
01U902	17-Jul-90 F27		5.20									1.60
01U902	21-Aug-90 F27	3.31	3.03									
01U902	22-Oct-90 F28	2.60	3.05									
03F302	18-Jan-90 A25		2700.00			110.00		56.00				
03F302	08-May-90 A26		1300.00	2.20								
03F302	13-Jul-90 A27		1900.00	23.00		120.00		85.00				
03F302B	13-Jul-90 A27		1900.00	22.00		120.00		83.00				
03F303	18-Jan-90 A25	8.60	650.00	6.20				24.00				
03F303	08-May-90 A26	8.60	700.00	5.50								
03F303	13-Jul-90 A27	11.00	510.00	6.90				24.00				
03F304	18-Jan-90 A25		5.10									
03F304	08-May-90 A26		6.70									
03F304	13-Jul-90 A27		7.30	0.40								
03F305	18-Jan-90 A25		590.00	79.00				330.00				
03F305	08-May-90 A26		1200.00	140.00				500.00	1.60	1.20		
03F305	13-Jul-90 A27		1600.00	210.00				770.00				
03F306	18-Jan-90 A25		3300.00	220.00				1200.00				
03F306	08-May-90 A26	1.40	4200.00	250.00				1100.00	3.30	2.20		
03F306	13-Jul-90 A27		4700.00	350.00				1400.00				
03F306B	13-Jul-90 A27		4900.00	340.00				1500.00				
03F307	19-Jan-90 A25		2700.00	91.00				570.00				
03F307	08-May-90 A26	1.50	3200.00	130.00				550.00	3.40	1.20		
03F307	13-Jul-90 A27		2800.00	160.00				570.00				
03F308	19-Jan-90 A25		22.00	0.50								
03F308	08-May-90 A26		23.00									
03F308	13-Jul-90 A27		20.00	0.30								
03F312	18-Jan-90 A25		26.00	2.10								
03F312	08-May-90 A26		22.00	1.20								
03F312	13-Jul-90 A27		20.00	2.70								
03L001	27-Apr-90 A26		3.00									

TABLE 6  
EXCEEDANCE OF GROUNDWATER ACTION CRITERIA (ORGANICS) - ug/L

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C-12DCE	Trans-1,2- Dichloro ethene T-12DCE	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,2-Di chloro ethane 12DCLE	Chloro form CHCL3	Benzene C6H6
TCAAP GW CRITERIA		0.7	2.8	0.24	70	70	70	22	6.1	0.4	0.19	0.7
03L002	27-Apr-90 A26		1900.00	160.00				520.00			1.40	
03L017	25-Apr-90 A26		44.00	3.20								
03L018	04-May-90 A26		13.00									
03L021	02-May-90 A26		370.00	46.00				73.00				
03L077	24-Apr-90 A26	2.40	4500.00	140.00				1100.00			2.20	
03L081	01-May-90 A26		7.70									
03L084	26-Apr-90 A26		5.20									
03L091	01-May-90 F26											1.24
03L113	27-Apr-90 F26											1.34
03L673	02-May-90 A26		3200.00	6.50		120.00					0.70	
03L802	16-Jan-90 A25		160.00	3.90				41.00				
03L802	01-May-90 A26		92.00	2.70								
03L802	18-Jul-90 A27		59.00	2.80								
03L806	17-Jan-90 A25		2200.00	160.00				790.00				
03L806	23-Apr-90 A26		5500.00	500.00				1800.00			4.10	
03L806	18-Jul-90 A27		1100.00	340.00		140.00		360.00		8.80	5.70	
03L809	24-Apr-90 F26		3200.00	240.00				1100.00				
03L809	20-Jul-90 F27		2200.00	120.00	71.00			610.00				
03L809	17-Sep-90 F28		2200.00	180.00				660.00		5.40	4.00	
03L811	26-Apr-90 F26			2.10								
03L848	19-Apr-90 F26		460.00									
03L848	19-Jul-90 F27		260.00									
03L853	19-Apr-90 F26		1100.00					170.00				
03L853	20-Jul-90 F27	2.27	1000.00	42.10				180.00		1.18	0.92	
03L858	17-Apr-90 F26	<1.00	6.83									13.00
03M017	25-Apr-90 A26		380.00	49.00				280.00				
03M020	25-Apr-90 A26		9000.00	850.00		80.00		5500.00				

TABLE 6  
EXCEEDANCE OF GROUNDWATER ACTION CRITERIA (ORGANICS) - ug/L

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C-12DCE	Trans-1,2 -Dichloro ethene T12DCE	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,2-Di chloro ethane 12DCLE	Chloro form CHCL3	Benzene C6H6
TCAAP GW CRITERIA		0.7	2.8	0.24	70	70	70	22	6.1	0.4	0.19	0.7
03M806	23-Apr-90 A26		800.00	120.00				210.00				
03M843	25-Apr-90 F26		6.79									10.10
03M848	19-Apr-90 F26		190.00	6.00								
03M848	19-Jul-90 F27		190.00									
03M848	17-Sep-90 F28		330.00	5.80	78.00							
03U003	18-Jan-90 A25		910.00	41.00				210.00				
03U003	23-Apr-90 A26		1800.00	110.00				380.00			3.70	
03U003	18-Jul-90 A27		1800.00	130.00		120.00		420.00		82.00		
03U004	02-May-90 A26		13.00									
03U014	16-Jan-90 A25	110.00	11000.00	740.00		1600.00	110.00	7800.00	110.00	150.00	130.00	
03U014	02-May-90 A26	3.20	9500.00	800.00		690.00		7500.00			5.20	
03U017	24-Apr-90 A26		270.00	43.00				190.00				
03U018	18-Jan-90 A25		6600.00	140.00				2200.00				
03U018	02-May-90 A26	0.80	2500.00	85.00				850.00			2.30	
03U020	25-Apr-90 A26		1100.00	120.00				420.00				
03U021	02-May-90 A26		900.00	150.00				800.00			1.00	
03U026	01-May-90 F26		27.50	2.54				40.40			42.30	
03U026	19-Jul-90 F27		25.30	2.10				25.00			55.80	
03U026	21-Sep-90 F28		34.20	2.06							92.00	
03U027	25-Apr-90 A26		65.00	12.00				80.00	21.00		1.70	
03U028	07-May-90 A26		120.00	1.20								
03U029	07-May-90 A26		1400.00	13.00		110.00		110.00			0.80	
03U030	07-May-90 A26		2.90									
03U032	01-May-90 F26		19.20	4.19				69.70				
03U032	18-Jul-90 F27		8.65	1.98				23.10				
03U032	21-Sep-90 F28		7.09	1.68								
03U077	24-Apr-90 A26	24.00	6500.00	490.00				2000.00		5.40		

TABLE 6  
EXCEEDANCE OF GROUNDWATER ACTION CRITERIA (ORGANICS) - ug/L

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,2-Di chloro ethane 12DCE	Chloro form CHCL3	Benzene C6H6
TCAAP GW CRITERIA		0.7	2.8	0.24	70	70	70	22	6.1	0.4	0.19	0.7
03U078	30-Apr-90 A26	24.00	120.00	3.20							4.00	
03U079	01-May-90 A26		1900.00	39.00				110.00			1.50	
03U083	27-Apr-90 F26											1.25
03U088	30-Apr-90 F26	2.94										
03U089	30-Apr-90 F26	1.83										
03U090	01-May-90 F26										4.59	
03U090	19-Jul-90 F27			1.26							3.78	
03U090B	19-Jul-90 F27			1.15				23.30			3.61	
03U092	01-May-90 F26		200.00	25.00				390.00			6.42	
03U093	02-May-90 A26	15.00	40000.00	740.00		280.00		7800.00	25.00		18.00	
03U093	18-Jul-90 A27		30000.00	780.00		300.00		7200.00				
03U093B	18-Jul-90 A27		30000.00	760.00		280.00		7100.00				
03U096	19-Jul-90 A27		630.00	90.00				650.00				
03U112	01-May-90 F26		40.70								40.30	0.88
03U112	18-Jul-90 F27		43.00								39.20	
03U112	20-Sep-90 F28		39.80								41.30	
03U113	27-Apr-90 F26											2.15
03U114	01-May-90 F26		350.00	100.00				1400.00				
03U114	18-Jul-90 F27		210.00	81.00				980.00				
03U114	21-Sep-90 F28		230.00					1100.00				
03U121	01-May-90 F26											1.32
03U301	18-Jan-90 A25		1700.00			160.00		99.00				
03U301	08-May-90 A26		57.00									
03U301	13-Jul-90 A27		1200.00	8.20		99.00		62.00				
03U314	19-Jan-90 A25		6500.00	190.00		540.00		2700.00				
03U314	08-May-90 A26	1.60	6500.00	350.00		340.00		2200.00		8.40	3.30	
03U314	19-Jul-90 A27		6300.00	300.00		460.00		2500.00				
03U315	19-Jan-90 A25		2100.00	75.00				1000.00				
03U315	08-May-90 A26		2100.00	65.00				850.00			0.80	
03U315	13-Jul-90 A27		2100.00	130.00				1100.00				

TABLE 6  
 EXCEEDANCE OF GROUNDWATER ACTION CRITERIA (ORGANICS) - ug/L

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,2-Di chloro ethane 12DCLE	Chloro form CHCL3	Benzene C6H6
TCAAP GW CRITERIA		0.7	2.8	0.24	70	70	70	22	6.1	0.4	0.19	0.7
03U316	19-Jan-90 A25		10.00	6.10				29.00			2.80	
03U316	08-May-90 A26		12.00	4.20				32.00			2.60	
03U316	13-Jul-90 A27		14.00	7.40				38.00			4.20	
03U317	19-Jan-90 A25		21000.00					7300.00				
03U317	08-May-90 A26	18.00	18000.00	210.00				5200.00	9.80	10.00	5.90	
03U317	13-Jul-90 A27		15000.00	720.00		100.00		7500.00				
03U658	02-May-90 A26		7.50									
03U659	07-May-90 A26		950.00	8.90				65.00				
03U671	23-Apr-90 A26	6.00	230.00	2.80							1.60	
03U672	02-May-90 A26		11.00									
03U701	26-Apr-90 A26		160.00	29.00				100.00				
03U702	26-Apr-90 A26		28.00									
03U703	02-May-90 A26	3.20	5500.00	34.00		180.00		43.00			1.60	
03U704	17-Jan-90 A25		9.60									
03U704	30-Jan-90 A25		3.10									
03U706	02-May-90 A26		4.20									
03U707	30-Jan-90 A25		4.80									
03U708	24-Apr-90 A26	20.00	120.00	1.40							3.00	
03U709	30-Apr-90 A26	2.90	120.00	3.50				69.00	19.00		1.30	
03U710	02-May-90 A26		850.00	32.00				85.00		1.70	1.00	
03U711	17-Jan-90 A25	22.00	25.00	1.50							9.40	
03U711	01-May-90 A26		26.00	1.50							7.50	
03U711	20-Jul-90 A27	19.00	19.00	1.60							6.30	
03U711B	20-Jul-90 A27	18.00	20.00	1.80							7.10	
03U801	02-May-90 A26		1600.00	2.50							0.70	
03U806	23-Apr-90 A26		370.00	160.00				120.00			1.10	



TABLE 6  
EXCEEDANCE OF GROUNDWATER ACTION CRITERIA (ORGANICS) - ug/L

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C-12DCE	Trans-1,2- Dichloro ethene T-12DCE	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,2-Di chloro ethane 12DCLE	Chloro form CHCL3	Benzene C6H6
TCAAP GW CRITERIA		0.7	2.8	0.24	70	70	70	22	6.1	0.4	0.19	0.7
03U821	01-May-90 F26	1.23	790.00	21.00				150.00		0.79		
03U821	23-Jul-90 F27		510.00	17.00				83.00		0.54		
03U822	25-Apr-90 F26			4.52								
04J077	24-Apr-90 A26		650.00	66.00				200.00				
04J702	26-Apr-90 A26		110.00	8.40				25.00				
04J708	24-Apr-90 A26		3.00									
04J713	30-Apr-90 A26		11.00									
04J714	17-Jan-90 A25		17.00	0.40								
04J714	30-Apr-90 A26		11.00									
04J714	19-Jul-90 A27		12.00	0.50								
04U001	27-Apr-90 A26		6.70									
04U001	19-Jul-90 A27		6.50	0.30								
04U002	27-Apr-90 A26		180.00	3.60				34.00				
04U020	25-Apr-90 A26		360.00	21.00				63.00				
04U027	25-Apr-90 A26		7.30									
04U077	24-Apr-90 A26	1.40	3600.00	80.00				800.00			1.90	
04U673	01-May-90 A26		3100.00	6.90							0.90	
04U701	26-Apr-90 A26		110.00	6.40								
04U702	26-Apr-90 A26		69.00	1.60								
04U708	24-Apr-90 A26		18.00	2.60								
04U709	30-Apr-90 A26	3.00	750.00	52.00				140.00				
04U711	17-Jan-90 A25			0.30								
04U713	30-Apr-90 A26		5.30									
04U714	17-Jan-90 A25		4.40									
04U714	30-Apr-90 A26		17.00									
04U714	19-Jul-90 A27		8.50	0.30								

TABLE 6  
EXCEEDANCE OF GROUNDWATER ACTION CRITERIA (ORGANICS) - ug/L

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,2-Di chloro ethane 12DCE	Chloro form CHCL3	Benzene C6H6
TCAAP GW CRITERIA		0.7	2.8	0.24	70	70	70	22	6.1	0.4	0.19	0.7
04U806	17-Jan-90 A25		1100.00	72.00				300.00				
04U806	23-Apr-90 A26		2400.00	180.00				550.00				
04U806	18-Jul-90 A27		2000.00	270.00				680.00				
04U821	19-Apr-90 F26		470.00	30.00				60.00				
04U821	23-Jul-90 F27		760.00	26.00				130.00				
04U821	18-Sep-90 F28		590.00	24.00								
04U832	25-Apr-90 F26		69.53	3.05								
04U844	25-Apr-90 F26		690.00					130.00				
04U844	23-Jul-90 F27	1.79	930.00	35.00				160.00		1.53	1.10	
04U844	17-Sep-90 F28		1000.00	47.00				220.00				
04U845	26-Apr-90 F26		38.00									
04U847	26-Apr-90 F26		1300.00	190.00				800.00				
04U847	20-Jul-90 F27		460.00	64.00				250.00				
04U847	17-Sep-90 F28		1800.00	260.00				1100.00				
04U848	19-Apr-90 F26		240.00									
04U848	19-Jul-90 F27	55.00	140.00									
04U848	17-Sep-90 F28		150.00									
04U849	18-Apr-90 F26		18.10	1.20								
04U850	17-Apr-90 F26		170.00	6.31				23.70		0.62		
04U854	30-Apr-90 F26		67.00									
04U859	30-Apr-90 F26		5.59									
04U871	18-Apr-90 F26		3.37	1.69								
04U872	18-Apr-90 F26		14.90									
04U877	17-Apr-90 F26		73.00	2.97								
04U881	17-Apr-90 F26											0.83
04U882	17-Apr-90 F26		7.73									
200812	02-May-90 F26		170.00	6.38				26.10				
200812	23-Jul-90 F27		100.00	4.29								

TABLE 6  
EXCEEDANCE OF GROUNDWATER ACTION CRITERIA (ORGANICS) - ug/L

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2- Dichloro ethene T12DCE	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,2-Di chloro ethane 12DCLE	Chloro form CHCL3	Benzene C6H6
TCAAP GW CRITERIA		0.7	2.8	0.24	70	70	70	22	6.1	0.4	0.19	0.7
200812	24-Sep-90 F28		79.00	3.06								
206791	23-Jul-90 F27		3.84									
206793	23-Jul-90 F27		490.00	16.00				68.00		0.70		
206797	23-Jul-90 F27		85.00	3.51								
233221	02-May-90 F26		20.00									
234335	02-May-90 F26		140.00									
234335	23-Jul-90 F27		150.00									
234546	02-May-90 F26		50.00									
234547	02-May-90 F26		17.60									
405651	02-May-90 F26		6.09	1.44								
409547	26-Apr-90 F26		4.62									
409547	20-Jul-90 F27		4.17									
409547	18-Sep-90 F28		2.93									
409549	18-Apr-90 F26		200.00	8.50								
409549	23-Jul-90 F27		150.00	5.60				25.00				
409549	18-Sep-90 F28		180.00	6.70				37.00				
409550	24-Apr-90 F26		220.00	18.00				83.00	7.30	1.50		
409550	20-Jul-90 F27		260.00	19.00				86.00		0.71		
409550	18-Sep-90 F28	2.91	940.00	55.80				400.00		1.15	1.90	
409596	25-Apr-90 F26			1.21								
409597	25-Apr-90 F26		123.93	9.05						0.74		
500691	19-Apr-90 F26		2.91									
500691	18-Sep-90 F28		4.29									
508115	20-Jul-90 F27		5.48									
508115	18-Sep-90 F28		3.74									
PJ#309	18-Jan-90 A25		260.00	21.00				68.00				
PJ#309	08-May-90 A26		280.00	15.00				52.00				
PJ#309	13-Jul-90 A27		250.00	23.00				57.00				

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TABLE 6  
EXCEEDANCE OF GROUNDWATER ACTION CRITERIA (ORGANICS) - ug/L

Well	Date Qtr	Tetra chloro ethene TCLEE	Tri chloro ethene TRCLE	1,1-Di chloro ethene 11DCE	1,2-Di chloro ethene 12DCE	Cis-1,2- Dichloro ethene C12DCE	Trans-1,2 -Dichloro ethene T12DCE	1,1,1-Tri chloro ethane 111TCE	1,1,2-Tri chloro ethane 112TCE	1,2-Di chloro ethane 12DCE	Chloro form CHCL3	Benzene C6H6
TCAAP GW CRITERIA		0.7	2.8	0.24	70	70	70	22	6.1	0.4	0.19	0.7
PJ#310	19-Jan-90 A25		630.00	46.00				230.00				
PJ#310	08-May-90 A26		500.00	36.00				140.00		0.60		
PJ#310	13-Jul-90 A27		690.00	65.00				240.00				
PJ#311	19-Jan-90 A25		47.00	1.40								
PJ#311	08-May-90 A26		17.00									
PJ#311	13-Jul-90 A27		30.00	1.90								
PJ#313	19-Jan-90 A25		14.00	0.30								
PJ#313	08-May-90 A26		17.00									
PJ#318	17-Apr-90 F26		4.68									
PJ#806	23-Apr-90 A26		770.00	77.00				50.00				
Max		250.00	40000.00	850.00	200.00	1600.00	110.00	7800.00	110.00	150.00	130.00	10.90
Count	271	64	250	154	12	20	1	110	6	21	52	14

## **TABLE 7**

### **TCAAP Surface Water Quality Data (Organics)**

**Notes:**

1. This table represents monitoring performed for FCC in accordance with the TCAAP National Pollutant Discharge Elimination System (NPDES) permit.
2. Sites refer to monitoring locations illustrated on Figure 27 of this report.
3. Qtr = Quarter. Under this heading, F = FCC.
4. All concentrations are in micrograms per liter (ug/l) except oil and grease and total organic carbon which are in milligram per liter (mg/l) as indicated.
5. TCAAP SW Criteria = surface water action criteria set forth in Table 3.7B of the Federal Facilities Agreement.

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TABLE 7-TCAA SURFACE WATER QUALITY DATA (ORGANICS)-ug/l

SITE-ID	QTR	DATE	TETRA CHLORO ETHENE TCLEE	TRI CHLORO ETHENE TRCLE	1,1-DI CHLORO ETHENE 11DCE	1,2-DI CHLORO ETHENE 12DCE	VINYL CHLORIDE C2H3CL	1,1,1-TRI CHLORO ETHANE 111TCE	1,1,2-TRI CHLORO ETHANE 112TCE	1,1-DI CHLORO ETHANE 11DCLE	1,2-DI CHLORO ETHANE 12DCLE	CARBON TETRA CHLORIDE CCL4	CHLORO FORM CHCL3
TCAA SW CRITERIA			8.0	15	0.33	15	0.015	18000	6.0	15	9.4		1.9
20100	F26	05-Apr-90											
20100	F26	01-May-90											
20100	F26	02-May-90		<0.50	<1.00			<1.00		<0.78			
20100	F26	12-Jun-90											
20100	F27	27-Jul-90											
20100	F27	15-Aug-90	<1.00	<0.50	<1.00	<0.50	<1.90	1.35	<1.00	<0.78	<0.50	<1.30	<0.72
20100	F28	10-Sep-90											
20100	F28	03-Oct-90											
20200	F25	10-Jan-90											
20200	F25	07-Feb-90		10.10	<1.00			<1.00		<0.78			
20200	F25	07-Mar-90											
20200	F26	05-Apr-90											
20200	F26	01-May-90											
20200	F26	02-May-90		15.70	<1.00			<1.00		<0.78			
20200	F26	12-Jun-90											
20200	F27	27-Jul-90											
20200	F27	15-Aug-90	<1.00	4.96	<1.00	<0.50	<1.90	1.04	<1.00	<0.78	<0.50	<1.30	<0.72
20200	F28	10-Sep-90											
20200	F28	03-Oct-90											
20300	F25	07-Feb-90		<0.50	<1.00			<1.00		<0.78			
20300	F26	05-Apr-90											
20300	F26	01-May-90											
20300	F26	02-May-90		1.22	<1.00			<1.00		<0.78			
20300	F26	12-Jun-90											
20300	F27	27-Jul-90											
20300	F27	15-Aug-90	<1.00	1.03	<1.00	<0.50	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72
20300	F28	10-Sep-90											
20300	F28	03-Oct-90											
20400	F25	10-Jan-90											
20400	F25	07-Feb-90		<0.50	<1.00			<1.00		<0.78			
20400	F25	07-Mar-90											
20400	F26	05-Apr-90											
20400	F26	01-May-90											
20400	F26	02-May-90		<0.50	<1.00			<1.00		<0.78			
20400	F26	12-Jun-90											
20400	F27	27-Jul-90											
20400	F27	15-Aug-90	<1.00	<0.50	<1.00	<0.50	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72
20400	F28	10-Sep-90											
20400	F28	03-Oct-90											
20500	F25	07-Feb-90		<0.50	<1.00			<1.00		<0.78			
20500	F26	05-Apr-90											
20500	F26	01-May-90											
20500	F26	02-May-90		<0.50	<1.00			<1.00		<0.78			
20500	F26	12-Jun-90											

LOCATIONS ARRANGED NUMERICALLY

WENCK ASSOCIATES, INC.

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TABLE 7-TCAAP SURFACE WATER QUALITY DATA (ORGANICS)-ug/l

SITE-ID	QTR	DATE	1,2-DI CHLORO PROPANE 12DCLP	1,1,2-TRICHLORO -2,2,1-TRIFLUORO ETHANE TCLTFE	METHYLENE CHLORIDE CH2CL2	BENZENE C6H6	TOLUENE MEC6H5	TOTAL XYLENES TXYLEN	OIL & GREASE OILGR(mg/l)	TOTAL ORGANIC CARBON TOC(mg/l)
TCAAP SW CRITERIA			5700	15		6.6	14300	15		
20100	F26	05-Apr-90							1.00	
20100	F26	01-May-90							1.00	
20100	F26	02-May-90			<3.20					22.00
20100	F26	12-Jun-90							1.00	
20100	F27	27-Jul-90							1.00	
20100	F27	15-Aug-90	<1.00	<1.00	<3.20				2.00	19.20
20100	F28	10-Sep-90							1.00	
20100	F28	03-Oct-90							1.00	
20200	F25	10-Jan-90							1.00	
20200	F25	07-Feb-90			<3.20				2.00	18.00
20200	F25	07-Mar-90							1.00	
20200	F26	05-Apr-90							1.00	
20200	F26	01-May-90							1.00	
20200	F26	02-May-90			<3.20					4.00
20200	F26	12-Jun-90							1.00	
20200	F27	27-Jul-90							1.00	
20200	F27	15-Aug-90	<1.00	<1.00	<3.20				1.00	4.81
20200	F28	10-Sep-90							1.00	
20200	F28	03-Oct-90							1.00	
20300	F25	07-Feb-90			<3.20				1.00	8.70
20300	F26	05-Apr-90							1.00	
20300	F26	01-May-90							1.00	
20300	F26	02-May-90			<3.20					2.80
20300	F26	12-Jun-90							1.00	
20300	F27	27-Jul-90							1.00	
20300	F27	15-Aug-90	<1.00	<1.00	<3.20				1.00	3.09
20300	F28	10-Sep-90							1.00	
20300	F28	03-Oct-90							1.00	
20400	F25	10-Jan-90							1.00	
20400	F25	07-Feb-90			<3.20				11.00	8.60
20400	F25	07-Mar-90							1.00	
20400	F26	05-Apr-90							1.00	
20400	F26	01-May-90							1.00	
20400	F26	02-May-90			<3.20					7.50
20400	F26	12-Jun-90							1.00	
20400	F27	27-Jul-90							1.00	
20400	F27	15-Aug-90	<1.00	<1.00	<3.20				2.00	15.70
20400	F28	10-Sep-90							1.00	
20400	F28	03-Oct-90							1.00	
20500	F25	07-Feb-90			<3.20				1.00	11.00
20500	F26	05-Apr-90							1.00	
20500	F26	01-May-90							1.00	
20500	F26	02-May-90			<3.20					7.90
20500	F26	12-Jun-90							1.00	

LOCATIONS ARRANGED NUMERICALLY

WENCK ASSOCIATES, INC.

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TABLE 7-TCAAP SURFACE WATER QUALITY DATA (ORGANICS)-ug/l

SITE-ID	QTR	DATE	TETRA CHLORO ETHENE TCLEE	TRI CHLORO ETHENE TRCLE	1,1-DI CHLORO ETHENE 11DCE	1,2-DI CHLORO ETHENE 12DCE	VINYL CHLORIDE C2H3CL	1,1,1-TRI CHLORO ETHANE 111TCE	1,1,2-TRI CHLORO ETHANE 112TCE	1,1-DI CHLORO ETHANE 11DCE	1,2-DI CHLORO ETHANE 12DCE	CARBON TETRA CHLORIDE CCL4	CHLORO FORM CHCL3
TCAAP SW CRITERIA			8.0	15	0.33	15	0.015	18000	6.0	15	9.4		1.9
20500	F27	27-Jul-90											
20500	F27	15-Aug-90	<1.00	<0.50	<1.00	<0.50	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72
20500	F28	10-Sep-90											
20500	F28	03-Oct-90											
206787	F26	02-May-90	<1.00	<0.50	<1.00	<0.50	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72
206787	F27	23-Jul-90											
20700	F25	07-Feb-90		<0.50	<1.00			<1.00		<0.78			
20700	F26	01-May-90		<0.50	<1.00			<1.00		<0.78			
20700	F27	15-Aug-90	<1.00	<0.50	<1.00	<0.50	<1.90	1.16	<1.00	<0.78	<0.50	<1.30	<0.72
20800	F25	10-Jan-90											
20800	F25	07-Feb-90		20.80	<1.00			<1.00		<0.78			
20800	F25	07-Mar-90											
20800	F26	05-Apr-90											
20800	F26	01-May-90		0.56	<1.00			<1.00		<0.78			
20800	F26	12-Jun-90											
20800	F27	27-Jul-90											
20800	F27	15-Aug-90	<1.00	0.64	<1.00	<0.50	<1.90	1.34	<1.00	<0.78	<0.50	<1.30	<0.72
20800	F28	10-Sep-90											
20800	F28	03-Oct-90											
20900	F25	07-Feb-90		<0.50	<1.00			<1.00		<0.78			
20900	F26	01-May-90		<0.50	<1.00			<1.00		<0.78			
20900	F26	01-May-90											
20900	F27	15-Aug-90	<1.00	<0.50	<1.00	<0.50	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72
21000	F25	07-Feb-90		10.80	<1.00			<1.00		<0.78			
21000	F26	01-May-90		<0.50	<1.00			<1.00		<0.78			
21000	F27	15-Aug-90	<1.00	<0.50	<1.00	<0.50	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72
21100	F25	07-Feb-90		<0.50	<1.00			<1.00		<0.78			
21100	F26	01-May-90											
21100	F26	02-May-90		<0.50	<1.00			<1.00		<0.78			
21100	F27	15-Aug-90	<1.00	<0.50	<1.00	<0.50	<1.90	<1.00	<1.00	<0.78	<0.50	<1.30	<0.72
21200	F26	01-May-90											
21200	F26	01-May-90											
21400	F26	01-May-90											
21600	F26	01-May-90											
21600	F26	02-May-90		<0.50	<1.00			<1.00		<0.78			
MAX:			0.00	20.80	0.00	0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.00
COUNT:			11	31	31	11	11	31	11	31	11	11	11

LOCATIONS ARRANGED NUMERICALLY

WENCK ASSOCIATES, INC.



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TABLE 7-TCAAP SURFACE WATER QUALITY DATA (ORGANICS)-ug/l

SITE-ID	QTR	DATE	1,2-DI CHLORO PROPANE 12DCLP	1,1,2-TRICHLORO -2,2,1-TRIFLUORO ETHANE TCLTFE	METHYLENE CHLORIDE CH2CL2	BENZENE C6H6	TOLUENE MEC6H5	TOTAL XYLENES TXYLEN	OIL & GREASE OILGR(mg/l)	TOTAL ORGANIC CARBON TOC(mg/l)
TCAAP SW CRITERIA			5700	15		6.6	14300	15		
20500	F27	27-Jul-90							1.00	
20500	F27	15-Aug-90	<1.00	<1.00	<3.20				2.00	6.72
20500	F28	10-Sep-90							1.00	
20500	F28	03-Oct-90							1.00	
206787	F26	02-May-90	<1.00	<1.00	<3.20					
206787	F27	23-Jul-90				<0.41	<0.87	<8.28		
20700	F25	07-Feb-90			<3.20				1.00	5.10
20700	F26	01-May-90			<3.20					17.00
20700	F27	15-Aug-90	<1.00	<1.00	<3.20				1.00	35.50
20800	F25	10-Jan-90							1.00	
20800	F25	07-Feb-90			<3.20				1.00	4.60
20800	F25	07-Mar-90							1.00	
20800	F26	05-Apr-90							1.00	
20800	F26	01-May-90			<3.20				1.00	16.00
20800	F26	12-Jun-90							1.00	
20800	F27	27-Jul-90							1.00	
20800	F27	15-Aug-90	<1.00	<1.00	<3.20				1.00	24.00
20800	F28	10-Sep-90							1.00	
20800	F28	03-Oct-90							1.00	
20900	F25	07-Feb-90			<3.20				1.00	7.70
20900	F26	01-May-90			<3.20				1.00	18.00
20900	F26	01-May-90							1.00	
20900	F27	15-Aug-90	<1.00	<1.00	<3.20				2.00	25.40
21000	F25	07-Feb-90			<3.20				1.00	4.50
21000	F26	01-May-90			<3.20				1.00	15.00
21000	F27	15-Aug-90	<1.00	<1.00	<3.20				2.00	23.40
21100	F25	07-Feb-90			<3.20				1.00	45.00
21100	F26	01-May-90							1.00	
21100	F26	02-May-90			<3.20					14.00
21100	F27	15-Aug-90	<1.00	<1.00	<3.20				1.00	11.60
21200	F26	01-May-90							1.00	26.00
21200	F26	01-May-90							1.00	8.30
21400	F26	01-May-90							1.00	8.80
21600	F26	01-May-90							1.00	
21600	F26	02-May-90			<3.20					9.00
MAX:			0.00	0.00	0.00	0.00	0.00	0.00	11.00	45.00
COUNT:			11	11	31	1	1	1	69	33

LOCATIONS ARRANGED NUMERICALLY

WENCK ASSOCIATES, INC.

## **TABLE 8**

### **TCAAP Surface Water Quality Data (Inorganics)**

Notes:

1. This table represents monitoring performed for FCC in accordance with the TCAAP National Pollutant Discharge Elimination System (NPDES) permit.
2. Sites refer to monitoring locations illustrated on Figure 27 of this report.
3. Qtr = Quarter. Under this heading, F = FCC.
4. All concentration units are indicated below the respective parameters.
5. TCAAP SW 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 (above) for these calculations.

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TABLE 8  
TCAAP SURFACE WATER QUALITY DATA (INORGANICS)

SITE-ID	QTR	DATE	SILVER AG (ug/l)	CADMIUM CD (ug/l)	CHROMIUM CR (ug/l)	COPPER CU (ug/l)	CYANIDE CYN (ug/l)	MERCURY HG (ug/l)	NICKEL NI (ug/l)	LEAD PB (ug/l)	ORTHO PHOS- PHORUS PO4ORT (ug/l)	TOTAL PHOS- PHATES TPO4 (ug/l)	ZINC ZN (ug/l)	BIOLOGICAL OXYGEN DEMAND BOD (mg/l)
TCAAP SW CRITERIA								5.2	0.144	13.4			47	
20100	F26	05-Apr-90									58	93.8		
20100	F26	02-May-90	<0.50	<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	61.3	21	<25	<6.0
20100	F26	12-Jun-90									1800	200		
20100	F27	27-Jul-90									41.2	113		
20100	F27	15-Aug-90		<0.37	<2.50	<1.56	<8.17				35.1		<25	<6.0
20100	F28	10-Sep-90												
20100	F28	03-Oct-90									20.2	33.1		
20200	F25	10-Jan-90									53.2	120		
20200	F25	07-Feb-90		<0.356	4.82	8.66	11		<4.97		270	490	52.7	23.00
20200	F25	07-Mar-90									87	170		
20200	F26	05-Apr-90									66	810		
20200	F26	02-May-90	0.546	<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	19.1	21.9	<25	
20200	F26	12-Jun-90									39.9	78.5		<6.0
20200	F27	27-Jul-90									130	280		
20200	F27	15-Aug-90		<0.37	6.1	<1.56	<8.17				24.3		<25	
20200	F28	10-Sep-90												<6.0
20200	F28	03-Oct-90									28.7	26.3		
20300	F25	07-Feb-90		<0.356	<2.53	9.92	11.8		<4.97		77	98	<24.3	
20300	F26	05-Apr-90									28.3	27.7		12.00
20300	F26	02-May-90	<0.50	<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	31.8	25.2	<25	<6.0
20300	F26	12-Jun-90									30.4	32.2		
20300	F27	27-Jul-90									48.6	63.3		
20300	F27	15-Aug-90		<0.37	<2.50	<1.56	<8.17				43.5		<25	<6.0
20300	F28	10-Sep-90												
20300	F28	03-Oct-90									36.4	32.5		
20400	F25	10-Jan-90									14.6	38.7		
20400	F25	07-Feb-90		<0.356	100	2.72	14.5		<4.97		77.8	130	<24.3	7.00
20400	F25	07-Mar-90									19.2	58.9		
20400	F26	05-Apr-90									36.1	48.4		
20400	F26	02-May-90	<0.50	<0.37		<1.56	<8.17	<0.74	<5.32		28.2	36.5	<25	
20400	F26	12-Jun-90									31.1	40.6		
20400	F27	27-Jul-90									41.6	60.4		
20400	F27	15-Aug-90		<0.37	<2.50	<1.56	<8.17				31.7		<25	
20400	F28	10-Sep-90												<6.0
20400	F28	03-Oct-90									34.5	34.5		
20500	F25	07-Feb-90		0.902	<2.53	21.5	7.56		<4.97		130	220	173	
20500	F26	05-Apr-90									49	45.6		13.00
20500	F26	02-May-90	<0.50	<0.37		2.83	<8.17	<0.74	<5.32		20.9	36.4	64	<6.0
20500	F26	12-Jun-90									27.3	27.7		

LOCATIONS ARRANGED NUMERICALLY

WENCK ASSOCIATES, INC.

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TABLE 8  
TCAAP SURFACE WATER QUALITY DATA (INORGANICS)

SITE-ID	QTR	DATE	CHEMICAL OXYGEN DEMAND DISSOLVED			PH	TOTAL SUSPENDED SOLIDS TSS (mg/l)	GROSS ALPHA RADIATION ALPHAG (pCi/l)	GROSS BETA RADIATION BETAG (pCi/l)
			CHLORIDE CL (mg/l)	DEMAND COD (mg/l)	OXYGEN DO (mg/l)				
TCAAP SW CRITERIA									
20100	F26	05-Apr-90	38.3		7.5		5.9	8	
20100	F26	02-May-90	33	82	1.7	0.3	5.1	8	
20100	F26	12-Jun-90	33		2		6.3	14	1.1
20100	F27	27-Jul-90	17		2.3		6.5	10	
20100	F27	15-Aug-90	24	50	0.5	0.1	6.4	2	3
20100	F28	10-Sep-90	25.3		1.2		6.6	4	4.3
20100	F28	03-Oct-90	28.4		0.7		7.1	2	
20200	F25	10-Jan-90	72		12.8		8.2	2	
20200	F25	07-Feb-90	686	140	11.8	0.8	8.4	28	
20200	F25	07-Mar-90	59.4		11.4		7.2	1	
20200	F26	05-Apr-90	80.4		13.2		7.8	1	
20200	F26	02-May-90	170	50	12.2	0.1	7.4	1	3
20200	F26	12-Jun-90	112		9.5		7.1	1	5.2
20200	F27	27-Jul-90	101		7.3		7.9	5	
20200	F27	15-Aug-90	112	50	9.7	0.3	8.2	1	
20200	F28	10-Sep-90	129		5.2		7.9	1	
20200	F28	03-Oct-90	21.3		8.8		7.1	1	
20300	F25	07-Feb-90	190	50	12.5	0.24	7.6	4	2
20300	F26	05-Apr-90	82.4		12.9		8.1	1	3
20300	F26	02-May-90	76	50	11.5	0.1	7.5	1	1.3
20300	F26	12-Jun-90	66		9.4		7.2	1	2.4
20300	F27	27-Jul-90	39		7.3		8	1	
20300	F27	15-Aug-90	94.5	50	9.3	0.1	7.6	1	3
20300	F28	10-Sep-90	76.3		8.9		7.7	1	4.1
20300	F28	03-Oct-90	20.1		8.6		7.4	1	
20400	F25	10-Jan-90	69		14.5		7.8	1	
20400	F25	07-Feb-90	71.4	70	10.5	0.53	7.3	24	
20400	F25	07-Mar-90	75.6		10		7.3	1	
20400	F26	05-Apr-90	69.1		13.6		7.5	1	
20400	F26	02-May-90	48	50	11	0.1	7.6	1	1.9
20400	F26	12-Jun-90	41		8.6		6.7	1	4.4
20400	F27	27-Jul-90	21		7.2		7.5	1	
20400	F27	15-Aug-90	53	50	9.3	0.2	6.7	1	
20400	F28	10-Sep-90	50.6		9.3		7.4	1	
20400	F28	03-Oct-90	11.7		8.9		7.7	1	
20500	F25	07-Feb-90	65.4	50	13.2	0.67	7.2	96	3
20500	F26	05-Apr-90	707		15		7.6	1	6
20500	F26	02-May-90	210	50	1.17	0.1	7.7	1	1.8
20500	F26	12-Jun-90	127				6.8	1	6.6

LOCATIONS ARRANGED NUMERICALLY

WENCK ASSOCIATES, INC.

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TABLE 8  
TCAAP SURFACE WATER QUALITY DATA (INORGANICS)

SITE-ID	QTR	DATE	SILVER AG (ug/l)	CADMIUM CD (ug/l)	CHROMIUM CR (ug/l)	COPPER CU (ug/l)	CYANIDE CYN (ug/l)	MERCURY HG (ug/l)	NICKEL NI (ug/l)	LEAD PB (ug/l)	ORTHO PHOS- PHORUS PO4ORT (ug/l)	TOTAL PHOS- PHATES TPO4 (ug/l)	ZINC ZN (ug/l)	BIOLOGICAL OXYGEN DEMAND BOD (mg/l)
TCAAP SW CRITERIA							5.2	0.144	13.4				47	
20500	F26	12-Jun-90												
20500	F27	27-Jul-90									35.6	60.3		
20500	F27	15-Aug-90		<0.37	<2.50	<1.56	<8.17				41		104	
20500	F28	10-Sep-90												<6.0
20500	F28	03-Oct-90									61.9	56.8		
20700	F25	07-Feb-90		<0.356	<2.53	<1.56	<7.56		<4.97		31.7	70.8	<24.3	
20700	F26	01-May-90	<0.50	<0.37	<2.50	<1.56	<8.17	<0.74	<5.32	<1.26	12.2	46.6	<25	<6.0
20700	F27	15-Aug-90		<0.37	<2.50	<1.56	<8.17				10.3		<25	9.00
20800	F25	10-Jan-90									15.7	30.7		8.00
20800	F25	07-Feb-90		<0.356	<2.53	<1.56	<7.56		<4.97		11.7	37	<24.3	<6.0
20800	F25	07-Mar-90									23.3	59.2		
20800	F26	05-Apr-90									22.4	160		
20800	F26	01-May-90	<0.50	<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	15.8	49.2	<25	
20800	F26	12-Jun-90									48.1	120		7.00
20800	F27	27-Jul-90									77.2	210		
20800	F27	15-Aug-90				<1.56								
20800	F27	15-Aug-90		<0.37	<2.50	<1.56	<8.17				10.3		<25	8.00
20800	F28	10-Sep-90												
20800	F28	03-Oct-90									25.9	52.9		
20900	F25	07-Feb-90		<0.356	<2.53	<1.56	<7.56		<4.97		15	260	<24.3	
20900	F26	01-May-90	<0.50	<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	10.3	51.2	<25	15.00
20900	F26	08-May-90												8.00
20900	F27	15-Aug-90		<0.37	<2.50	<1.56	<8.17				13.7		<25	10.00
21000	F25	07-Feb-90		<0.356	3.08	<1.56	<7.56		<4.97		22.6	36.8	<24.3	<6.0
21000	F26	01-May-90	<0.50	<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	18.7	39	<25	
21000	F26	08-May-90												8.00
21000	F27	15-Aug-90		<0.37	<2.50		<8.17				11.5		<25	
21100	F25	07-Feb-90		<0.356	<2.53	8.23	<7.56		<4.97		1200	1400	<24.3	8.00
21100	F26	02-May-90	0.524	<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	10.3	19.7	<25	43.00
21100	F27	15-Aug-90		<0.37	<2.50	<1.56	<8.17				15.8		<25	<6.0
21200	F26	01-May-90		<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	20.4	24.3	<25	
21200	F26	01-May-90	0.613	<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	21.2	35.4	<25	
21300	F26	13-Jun-90												<6.0
21400	F26	01-May-90	<0.50	<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	26.9	20.5	<25	
21400	F26	08-May-90												<6.0

LOCATIONS ARRANGED NUMERICALLY

WENCK ASSOCIATES, INC.

TABLE 8  
TCAAP SURFACE WATER QUALITY DATA (INORGANICS)

SITE-ID	QTR	DATE	CHEMICAL				PH	TOTAL SUSPENDED SOLIDS TSS (mg/l)	GROSS ALPHA RADIATION ALPHAG (pCi/l)	GROSS BETA RADIATION BETAG (pCi/l)
			CHLORIDE CL (mg/l)	OXYGEN DEMAND COD (mg/l)	DISSOLVED OXYGEN DO (mg/l)	AMMONIA NH3 (mg/l)				
TCAAP SW CRITERIA										
20500	F26	12-Jun-90			9					
20500	F27	27-Jul-90	45		5.5		6.8	6		
20500	F27	15-Aug-90	565	50	9	0.2	7.1	54	4.5	8.3
20500	F28	10-Sep-90	251		7.1		7.3	64		
20500	F28	03-Oct-90	4.37		9.4		8.2	5		
20700	F25	07-Feb-90	89.9	50	7.3	0.75	7.7	4	2	3
20700	F26	01-May-90	29	55	10.9	0.1	7.9	4	1.8	6.9
20700	F27	15-Aug-90	22	100	4.2	0.3	7.4	68	3	5.1
20800	F25	10-Jan-90	140		6.8		7.1	1		
20800	F25	07-Feb-90	123	50	7.6	0.7	7.1	1	2	3
20800	F25	07-Mar-90	162		7.1		7.4	3		
20800	F26	05-Apr-90	25.2		13.6		7.9	24		
20800	F26	01-May-90	31	60	11	0.3	6.8	6		
20800	F26	12-Jun-90	30		5.2		6.5	4		
20800	F27	27-Jul-90	19		1.2		6.7	14		
20800	F27	15-Aug-90								
20800	F27	15-Aug-90	22	140	4.8	0.3	6.8	7.1	3	5.7
20800	F28	10-Sep-90	22.3		6.8		7.6	64		
20800	F28	03-Oct-90	24.9		5.8		7.5	23		
20900	F25	07-Feb-90	277	50	3.4	0.71	7	41		
20900	F26	01-May-90	26	67	10.8	0.1	7.8	6		
20900	F26	08-May-90							1.8	7.9
20900	F27	15-Aug-90	22	94	4.8	0.2	6.9	36		
21000	F25	07-Feb-90	139	50	9.3	0.85	7.1	1		
21000	F26	01-May-90	37	55	9.8	0.1	7.6	4		
21000	F26	08-May-90							1.9	6.9
21000	F27	15-Aug-90	23	84	5.1	0.4	7	44		
21100	F25	07-Feb-90	248	170	13.8	2.4	8.5	21		
21100	F26	02-May-90	8.9	55	9	0.2	7.5	1	3.2	8.6
21100	F27	15-Aug-90	116	50	5.1	0.1	7.2	1		
21200	F26	01-May-90	60	50	7.5	0.1	6.9	1		
21200	F26	01-May-90	76	74	11.6	0.1	7.2	1	1.1	7.4
21300	F26	13-Jun-90							3	4.5
21400	F26	01-May-90	88	50	6.7	0.1	7.2	2	2.5	6.2
21400	F26	08-May-90							2.8	5.4

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TABLE 8  
TCAAP SURFACE WATER QUALITY DATA (INORGANICS)

SITE-ID	QTR	DATE	SILVER AG (ug/l)	CADMIUM CD (ug/l)	CHROMIUM CR (ug/l)	COPPER CU (ug/l)	CYANIDE CYN (ug/l)	MERCURY HG (ug/l)	NICKEL NI (ug/l)	LEAD PB (ug/l)	ORTHO PHOS PHORUS PO4ORT (ug/l)	TOTAL PHOS- PHATES TPO4 (ug/l)	ZINC ZN (ug/l)	BIOLOGICAL OXYGEN DEMAND BOD (mg/l)
TCAAP SW CRITERIA							5.2	0.144	13.4				47	
21600	F26	02-May-90	<0.50	<0.37	<2.50		<8.17	<0.74	<5.32	1.79	18.8	35.8	<25	
21700	F25	23-Jan-90										20.9	<24.3	<6.0
21700	F25	20-Feb-90		<0.356	<2.53				<4.97			18		
21700	F25	20-Mar-90										12.3		
21700	F26	16-Apr-90												
21700	F26	22-May-90		<0.37	<2.50	<1.56			<5.32			10.2		
21700	F26	19-Jun-90										11.1		
21700	F27	17-Jul-90												
21700	F27	21-Aug-90		<0.37	<2.50								<25	
DIWATERF26		01-May-90	<0.50	<0.37	<2.50		<8.17	<0.74	<5.32	<1.26	10.3	9.36	<25	
DIWATERF26		12-Jun-90									10.3	9.36		
DIWATERF27		27-Jul-90									10.3	9.36		
DIWATERF27		15-Aug-90		<0.37	<2.50	<1.56	<8.17				10.3		<25	
FIELDBAF26		02-May-90											<25	
FIELDBLAF26		01-May-90							<5.32			9.36		
FIELDBLAF26		02-May-90			<2.50		<8.17					9.36		
FIELDBLAF26		12-Jun-90										9.36		
MAX:			0.613	0.902	100	21.5	14.5	0.74	5.32	1.79	1800	1400	173	43
COUNT:	91		14	38	37	23	36	15	27	13	67	64	38	30

LOCATIONS ARRANGED NUMERICALLY

WENCK ASSOCIATES, INC.

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TABLE 8  
TCAAP SURFACE WATER QUALITY DATA (INORGANICS)

SITE-ID	QTR	DATE	CHEMICAL OXYGEN DEMAND CL COD (mg/l)	DISSOLVED OXYGEN DO (mg/l)	AMMONIA NH3 (mg/l)	PH	TOTAL SUSPENDED SOLIDS TSS (mg/l)	GROSS ALPHA RADIATION ALPHAG (pCi/l)	GROSS BETA RADIATION BETAG (pCi/l)	
TCAAP SW CRITERIA										
21600	F26	02-May-90	4.5	50	6.8	0.2	7.4	1	1	5.4
21700	F25	23-Jan-90								
21700	F25	20-Feb-90								
21700	F25	20-Mar-90								
21700	F26	16-Apr-90								
21700	F26	22-May-90								
21700	F26	19-Jun-90								
21700	F27	17-Jul-90								
21700	F27	21-Aug-90								
DIWATERF26		01-May-90							1.3	7.8
DIWATERF26		12-Jun-90								
DIWATERF27		27-Jul-90					6.1			
DIWATERF27		15-Aug-90			3.4		5.2			
FIELDBAIF26		02-May-90								
FIELDBLAF26		01-May-90								
FIELDBLAF26		02-May-90								
FIELDBLAF26		12-Jun-90								
MAX:			707	170	15	2.4	8.5	96	4.5	8.6
COUNT:	91		69	33	70	33	71	69	24	24

LOCATIONS ARRANGED NUMERICALLY

WENCK ASSOCIATES, INC.



## TABLE 9

### TCAAP Surface Water Quality Assurance/Quality Control Data

#### Notes:

1. This table represents QA/QC data for analysis of FCC samples required for the National Pollutant Discharge Elimination System (NPDES) permit. QA/QC data is presented for both organic and inorganic analyses.
2. Under the heading Type:
  - QCFB = field blank
  - QCMB = method blank
  - QCRB = rinse blank
  - QCSP = spike
  - QCTB = trip blank
3. Under the heading Lab: PC = PACE Laboratories, Inc.

TABLE 9  
 TCAAP SURFACE WATER QUALITY ASSURANCE/QUALITY CONTROL DATA

Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas	Value	Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas	Value
Q25	QCFB	0	UGL	10-Jan-90	DO	99	PC		4.5	Q25	QCSP	250	MGL	13-Feb-90	ZN	SC04	PC		242
Q25	QCRB	0	PCL	10-Jan-90	DO	99	PC		4.6	Q25	QCSP	50	MGL	13-Feb-90	ZN	SC04	PC		47
Q25	QCFB	0	MGL	10-Jan-90	PH	00	PC		6.3	Q25	QCSP	250	MGL	13-Feb-90	ZN	SC04	PC		242
Q25	QCRB	0	MGL	10-Jan-90	PH	00	PC		6.3	Q25	QCFB	0	UGL	14-Feb-90	TOC	00	PC		0.5
Q25	QCFB	0	UGL	11-Jan-90	PO4ORT	TF15	PC	LT	9.9	Q25	QCRB	0	UGL	14-Feb-90	TOC	00	PC		0.7
Q25	QCFB	0	UGL	11-Jan-90	PO4ORT	TF15	PC	LT	9.9	Q25	QCFB	0	UGL	16-Feb-90	CL	00	PC	ND	1
Q25	QCRB	0	UGL	11-Jan-90	PO4ORT	TF15	PC	LT	9.9	Q25	QCRB	0	UGL	16-Feb-90	CL	00	PC	ND	1
Q25	QCSP	80	UGL	11-Jan-90	PO4ORT	TF15	PC		81	Q25	QCFB	0	UGL	19-Feb-90	OILGR	00	PC	ND	1
Q25	QCSP	20	UGL	11-Jan-90	PO4ORT	TF15	PC		14.5	Q25	QCRB	0	UGL	19-Feb-90	OILGR	00	PC	ND	1
Q25	QCSP	80	UGL	11-Jan-90	PO4ORT	TF15	PC		74.1	Q25	QCFB	0	UGL	20-Feb-90	CYN	TY03	PC	LT	7.56
Q25	QCFB	0	UGL	17-Jan-90	OILGR	00	PC	ND	2	Q25	QCMB	0	UGL	20-Feb-90	CYN	TY03	PC		7.56
Q25	QCRB	0	MGL	17-Jan-90	OILGR	00	PC	ND	1	Q25	QCRB	0	UGL	20-Feb-90	CYN	TY03	PC	LT	7.56
Q25	QCFB	0	UGL	18-Jan-90	CL	99	PC	ND	1	Q25	QCSP	50	UGL	20-Feb-90	CYN	TY03	PC		44.4
Q25	QCRB	0	UGL	18-Jan-90	CL	99	PC	ND	1	Q25	QCSP	50	UGL	20-Feb-90	CYN	TY03	PC		41.7
Q25	QCFB	0	UGL	18-Jan-90	TSS	00	PC	ND	1	Q25	QCSP	20	UGL	20-Feb-90	CYN	TY03	PC		15.4
Q25	QCRB	0	UGL	18-Jan-90	TSS	00	PC	ND	1	Q25	QCRB	0	UGL	23-Feb-90	ALPHAG	99	PC	ND	2
Q25	QCFB	0	UGL	26-Jan-90	TPO4	TY11	PC	LT	9.62	Q25	QCRB	0	UGL	23-Feb-90	BETAG	99	PC	ND	3
Q25	QCFB	0	UGL	26-Jan-90	TPO4	TY11	PC	LT	9.62	Q25	QCFB	0	UGL	06-Mar-90	CU	SD08	PC	LT	1.56
Q25	QCMB	0	UGL	26-Jan-90	TPO4	TY11	PC	LT	9.62	Q25	QCMB	0	UGL	06-Mar-90	CU	SD08	PC	LT	1.56
Q25	QCMB	0	UGL	26-Jan-90	TPO4	TY11	PC	LT	9.62	Q25	QCRB	0	UGL	06-Mar-90	CU	SD08	PC	LT	1.56
Q25	QCRB	0	UGL	26-Jan-90	TPO4	TY11	PC	LT	9.62	Q25	QCSP	2	UGL	06-Mar-90	CU	SD08	PC		1.88
Q25	QCRB	0	UGL	26-Jan-90	TPO4	TY11	PC	LT	9.62	Q25	QCSP	10	UGL	06-Mar-90	CU	SD08	PC		10.3
Q25	QCSP	20	UGL	26-Jan-90	TPO4	TY11	PC		20.7	Q25	QCSP	10	UGL	06-Mar-90	CU	SD08	PC		10.1
Q25	QCSP	80	UGL	26-Jan-90	TPO4	TY11	PC		78.8	Q25	QCFB	0	UGL	06-Mar-90	NI	SD08	PC	LT	4.97
Q25	QCSP	20	UGL	26-Jan-90	TPO4	TY11	PC		20.7	Q25	QCMB	0	UGL	06-Mar-90	NI	SD08	PC	LT	4.97
Q25	QCSP	80	UGL	26-Jan-90	TPO4	TY11	PC		78.8	Q25	QCRB	0	UGL	06-Mar-90	NI	SD08	PC	LT	4.97
Q25	QCSP	80	UGL	26-Jan-90	TPO4	TY11	PC		77.6	Q25	QCSP	40	UGL	06-Mar-90	NI	SD08	PC		40.9
Q25	QCSP	80	UGL	26-Jan-90	TPO4	TY11	PC		77.6	Q25	QCSP	10	UGL	06-Mar-90	NI	SD08	PC		9.16
Q25	QCFB	0	UGL	07-Feb-90	DO	99	PC		6.4	Q25	QCSP	40	UGL	06-Mar-90	NI	SD08	PC		39.2
Q25	QCRB	0	UGL	07-Feb-90	DO	99	PC		6.5	Q25	QCFB	0	UGL	07-Mar-90	DO	99	PC		7
Q25	QCFB	0	UGL	07-Feb-90	PH	00	PC		5.8	Q25	QCRB	0	UGL	07-Mar-90	DO	99	PC		7
Q25	QCRB	0	UGL	07-Feb-90	PH	00	PC		5.8	Q25	QCFB	0	UGL	07-Mar-90	PH	00	PC		6.5
Q25	QCFB	0	UGL	08-Feb-90	BOD	00	PC	ND	6	Q25	QCRB	0	UGL	07-Mar-90	PH	00	PC		6.5
Q25	QCRB	0	UGL	08-Feb-90	BOD	00	PC	ND	6	Q25	QCFB	0	UGL	08-Mar-90	PO4ORT	TF15	PC	LT	9.9
Q25	QCFB	0	UGL	08-Feb-90	PO4ORT	TF15	PC	LT	9.9	Q25	QCMB	0	UGL	08-Mar-90	PO4ORT	TF15	PC	LT	9.9
Q25	QCMB	0	UGL	08-Feb-90	PO4ORT	TF15	PC	LT	9.9	Q25	QCRB	0	UGL	08-Mar-90	PO4ORT	TF15	PC	LT	9.9
Q25	QCRB	0	UGL	08-Feb-90	PO4ORT	TF15	PC	LT	9.9	Q25	QCSP	80	UGL	08-Mar-90	PO4ORT	TF15	PC		69.4
Q25	QCSP	80	UGL	08-Feb-90	PO4ORT	TF15	PC		69.7	Q25	QCSP	20	UGL	08-Mar-90	PO4ORT	TF15	PC		16.3
Q25	QCSP	20	UGL	08-Feb-90	PO4ORT	TF15	PC		19.9	Q25	QCSP	80	UGL	08-Mar-90	PO4ORT	TF15	PC		72.2
Q25	QCSP	80	UGL	08-Feb-90	PO4ORT	TF15	PC		76.2	Q25	QCFB	0	UGL	08-Mar-90	TPO4	TY11	PC	LT	9.62
Q25	QCFB	0	UGL	12-Feb-90	TSS	00	PC	ND	1	Q25	QCMB	0	UGL	08-Mar-90	TPO4	TY11	PC	LT	9.62
Q25	QCRB	0	UGL	12-Feb-90	TSS	00	PC	ND	1	Q25	QCRB	0	UGL	08-Mar-90	TPO4	TY11	PC	LT	9.62
Q25	QCFB	0	UGL	13-Feb-90	COD	00	PC	ND	50	Q25	QCSP	80	UGL	08-Mar-90	TPO4	TY11	PC		80.9
Q25	QCRB	0	UGL	13-Feb-90	COD	00	PC	ND	50	Q25	QCSP	20	UGL	08-Mar-90	TPO4	TY11	PC		20.1
Q25	QCFB	0	MGL	13-Feb-90	NH3	99	PC	ND	0.1	Q25	QCSP	80	UGL	08-Mar-90	TPO4	TY11	PC		76.4
Q25	QCRB	0	MGL	13-Feb-90	NH3	99	PC	ND	0.1	Q25	QCFB	0	UGL	12-Mar-90	TSS	00	PC	ND	1
Q25	QCFB	0	MGL	13-Feb-90	ZN	SC04	PC	LT	24.3	Q25	QCRB	0	UGL	12-Mar-90	TSS	00	PC	ND	1
Q25	QCMB	0	MGL	13-Feb-90	ZN	SC04	PC	LT	24.3	Q25	QCFB	0	UGL	14-Mar-90	CL	00	PC	ND	1
Q25	QCRB	0	UGL	13-Feb-90	ZN	SC04	PC	LT	24.3	Q25	QCRB	0	UGL	14-Mar-90	CL	00	PC	ND	1
Q25	QCFB	0	UGL	20-Mar-90	OILGR	00	PC	ND	1	Q26	QCFB	0	UGL	08-May-90	ALPHAG	99	PC	ND	1.2
Q25	QCRB	0	UGL	20-Mar-90	OILGR	00	PC	ND	1	Q26	QCFB	0	UGL	08-May-90	BETAG	99	PC	ND	1.6
Q25	QCFB	0	UGL	27-Mar-90	TPO4	TY11	PC	LT	9.62	Q26	QCFB	0	UGL	08-May-90	CL	99	PC	ND	1
Q25	QCMB	0	UGL	27-Mar-90	TPO4	TY11	PC	LT	9.62	Q26	QCFB	0	UGL	08-May-90	CL	99	PC	ND	1
Q25	QCRB	0	UGL	27-Mar-90	TPO4	TY11	PC	LT	9.62	Q26	QCRB	0	UGL	08-May-90	CL	99	PC	ND	1
Q25	QCSP	80	UGL	27-Mar-90	TPO4	TY11	PC		84.2	Q26	QCFB	0	PCL	08-May-90	TSS	00	PC	ND	1

TABLE 9  
 TCAAP SURFACE WATER QUALITY ASSURANCE/QUALITY CONTROL DATA

Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas Value	Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas Value		
Q25	QCSP	80	UGL	27-Mar-90	TPO4	TY11	PC	74	Q26	QCRB	0	UGL	08-May-90	TSS	00	PC	ND	1	
Q25	QCSP	20	UGL	27-Mar-90	TPO4	TY11	PC	24.6	Q26	QCFB	0	MGL	10-May-90	CYN	TY03	PC	LT	8.17	
Q26	QCFB	0	UGL	05-Apr-90	PH	00	PC	5.7	Q26	QCMB	0	MGL	10-May-90	CYN	TY03	PC	LT	8.17	
Q26	QCRB	0	UGL	05-Apr-90	PH	00	PC	5.7	Q26	QCSP	50	MGL	10-May-90	CYN	TY03	PC		45.4	
Q26	QCFB	0	UGL	07-Apr-90	PO4ORT	TF15	PC	21.3	Q26	QCSP	20	MGL	10-May-90	CYN	TY03	PC		16.2	
Q26	QCMB	0	UGL	07-Apr-90	PO4ORT	TF15	PC	10.3	Q26	QCSP	50	UGL	10-May-90	CYN	TY03	PC		46.5	
Q26	QCRB	0	UGL	07-Apr-90	PO4ORT	TF15	PC	19.1	Q26	QCFB	0	UGL	12-May-90	111TCE	UG03	PC	LT	1	
Q26	QCSP	20	UGL	07-Apr-90	PO4ORT	TF15	PC	23.8	Q26	QCFB	0	UGL	12-May-90	111TCE	UG03	PC	LT	1	
Q26	QCSP	80	UGL	07-Apr-90	PO4ORT	TF15	PC	71	Q26	QCMB	0	UGL	12-May-90	111TCE	UG03	PC	LT	1	
Q26	QCSP	80	UGL	07-Apr-90	PO4ORT	TF15	PC	76.1	Q26	QCSP	2	UGL	12-May-90	111TCE	UG03	PC		2.16	
Q26	QCFB	0	UGL	09-Apr-90	CL	99	PC	ND	1000	Q26	QCSP	10	UGL	12-May-90	111TCE	UG03	PC		10.6
Q26	QCRB	0	UGL	09-Apr-90	CL	99	PC	ND	1000	Q26	QCTB	0	UGL	12-May-90	111TCE	UG03	PC	LT	1
Q26	QCFB	0	UGL	11-Apr-90	TSS	00	PC	ND	1	Q26	QCFB	0	UGL	12-May-90	112TCE	UG03	PC	LT	1
Q26	QCRB	0	UGL	11-Apr-90	TSS	00	PC	ND	1	Q26	QCMB	0	UGL	12-May-90	112TCE	UG03	PC	LT	1
Q26	QCFB	0	UGL	13-Apr-90	OILGR	00	PC	ND	1	Q26	QCSP	10	UGL	12-May-90	112TCE	UG03	PC		10.2
Q26	QCRB	0	UGL	13-Apr-90	OILGR	00	PC	ND	1	Q26	QCSP	2	UGL	12-May-90	112TCE	UG03	PC		1.95
Q26	QCFB	0	UGL	24-Apr-90	TPO4	TY11	PC	LT	9.36	Q26	QCFB	0	UGL	12-May-90	11DCE	UG03	PC	LT	1
Q26	QCMB	0	UGL	24-Apr-90	TPO4	TY11	PC	LT	9.36	Q26	QCFB	0	UGL	12-May-90	11DCE	UG03	PC	LT	1
Q26	QCRB	0	UGL	24-Apr-90	TPO4	TY11	PC	LT	9.36	Q26	QCMB	0	UGL	12-May-90	11DCE	UG03	PC	LT	1
Q26	QCSP	20	UGL	24-Apr-90	TPO4	TY11	PC		23.2	Q26	QCSP	10	UGL	12-May-90	11DCE	UG03	PC		10.2
Q26	QCSP	80	UGL	24-Apr-90	TPO4	TY11	PC		81.8	Q26	QCSP	2	UGL	12-May-90	11DCE	UG03	PC		2
Q26	QCSP	80	UGL	24-Apr-90	TPO4	TY11	PC		80.2	Q26	QCTB	0	UGL	12-May-90	11DCE	UG03	PC	LT	1
Q26	QCFB	0	UGL	01-May-90	DO	00	PC		3.5	Q26	QCFB	0	UGL	12-May-90	11DCE	UG03	PC	LT	0.78
Q26	QCRB	0	UGL	01-May-90	DO	00	PC		3.5	Q26	QCFB	0	UGL	12-May-90	11DCE	UG03	PC	LT	0.78
Q26	QCFB	0	UGL	01-May-90	NH3	99	PC	ND	0.1	Q26	QCMB	0	UGL	12-May-90	11DCE	UG03	PC	LT	0.78
Q26	QCRB	0	UGL	01-May-90	NH3	99	PC	ND	0.1	Q26	QCSP	0	UGL	12-May-90	11DCE	UG03	PC	LT	0.78
Q26	QCFB	0	UGL	01-May-90	OILGR	00	PC	ND	1	Q26	QCSP	0	UGL	12-May-90	11DCE	UG03	PC	LT	0.78
Q26	QCRB	0	UGL	01-May-90	OILGR	00	PC	ND	1	Q26	QCTB	0	UGL	12-May-90	11DCE	UG03	PC	LT	0.78
Q26	QCFB	0	UGL	01-May-90	PH	00	PC		6.9	Q26	QCFB	0	UGL	12-May-90	12DCE	UG03	PC	LT	0.5
Q26	QCRB	0	UGL	01-May-90	PH	00	PC		6.9	Q26	QCMB	0	UGL	12-May-90	12DCE	UG03	PC	LT	0.5
Q26	QCFB	0	UGL	02-May-90	NH3	99	PC	ND	0.1	Q26	QCSP	1	UGL	12-May-90	12DCE	UG03	PC		1.03
Q26	QCFB	0	UGL	02-May-90	PO4ORT	TF15	PC	LT	10.3	Q26	QCSP	5	UGL	12-May-90	12DCE	UG03	PC		4.75
Q26	QCFB	0	UGL	02-May-90	PO4ORT	TF15	PC	LT	10.3	Q26	QCFB	0	UGL	12-May-90	12DCE	UG03	PC	LT	0.5
Q26	QCMB	0	UGL	02-May-90	PO4ORT	TF15	PC	LT	10.3	Q26	QCMB	0	UGL	12-May-90	12DCE	UG03	PC	LT	0.5
Q26	QCSP	20	UGL	02-May-90	PO4ORT	TF15	PC		23.1	Q26	QCSP	1	UGL	12-May-90	12DCE	UG03	PC		1.09
Q26	QCSP	80	UGL	02-May-90	PO4ORT	TF15	PC		73.5	Q26	QCSP	5	UGL	12-May-90	12DCE	UG03	PC		4.81
Q26	QCSP	80	UGL	02-May-90	PO4ORT	TF15	PC		82.1	Q26	QCFB	0	UGL	12-May-90	12DCLP	UG03	PC	LT	1
Q26	QCFB	0	UGL	02-May-90	TSS	00	PC	ND	1	Q26	QCMB	0	UGL	12-May-90	12DCLP	UG03	PC	LT	1
Q26	QCFB	0	UGL	03-May-90	BOD	00	PC	ND	6	Q26	QCSP	0	UGL	12-May-90	12DCLP	UG03	PC	LT	1
Q26	QCRB	0	UGL	03-May-90	BOD	00	PC	ND	6	Q26	QCSP	0	UGL	12-May-90	12DCLP	UG03	PC	LT	1
Q26	QCFB	0	UGL	07-May-90	ALPHAG	99	PC		0.5	Q26	QCFB	0	UGL	12-May-90	C2H3CL	UG03	PC	LT	1.9
Q26	QCFB	0	UGL	07-May-90	BETAG	99	PC		2	Q26	QCMB	0	UGL	12-May-90	C2H3CL	UG03	PC	LT	1.9
Q26	QCFB	0	UGL	07-May-90	OILGR	00	PC	ND	1	Q26	QCSP	0	UGL	12-May-90	C2H3CL	UG03	PC	LT	1.9
Q26	QCSP	0	UGL	12-May-90	C2H3CL	UG03	PC	LT	1.9	Q26	QCSP	250	UGL	14-May-90	ZN	SC04	PC		252
Q26	QCFB	0	UGL	12-May-90	CCL4	UG03	PC	LT	1.3	Q26	QCMB	0	UGL	15-May-90	111TCE	UG03	PC	LT	1
Q26	QCMB	0	UGL	12-May-90	CCL4	UG03	PC	LT	1.3	Q26	QCSP	10	UGL	15-May-90	111TCE	UG03	PC		9.46
Q26	QCSP	0	UGL	12-May-90	CCL4	UG03	PC	LT	1.3	Q26	QCSP	2	UGL	15-May-90	111TCE	UG03	PC		2.31
Q26	QCSP	0	UGL	12-May-90	CCL4	UG03	PC	LT	1.3	Q26	QCMB	0	UGL	15-May-90	112TCE	UG03	PC	LT	1
Q26	QCFB	0	UGL	12-May-90	CH2CL2	UG03	PC	LT	3.2	Q26	QCSP	2	UGL	15-May-90	112TCE	UG03	PC		2.28
Q26	QCFB	0	UGL	12-May-90	CH2CL2	UG03	PC	LT	3.2	Q26	QCSP	10	UGL	15-May-90	112TCE	UG03	PC		10.2
Q26	QCMB	0	UGL	12-May-90	CH2CL2	UG03	PC	LT	3.2	Q26	QCMB	0	UGL	15-May-90	11DCE	UG03	PC	LT	1
Q26	QCSP	0	UGL	12-May-90	CH2CL2	UG03	PC	LT	3.2	Q26	QCSP	2	UGL	15-May-90	11DCE	UG03	PC		2.1
Q26	QCSP	0	UGL	12-May-90	CH2CL2	UG03	PC	LT	3.2	Q26	QCSP	10	UGL	15-May-90	11DCE	UG03	PC		9.46
Q26	QCTB	0	UGL	12-May-90	CH2CL2	UG03	PC	LT	3.2	Q26	QCMB	0	UGL	15-May-90	11DCE	UG03	PC	LT	0.78
Q26	QCFB	0	UGL	12-May-90	CHCL3	UG03	PC	LT	0.72	Q26	QCSP	0	UGL	15-May-90	11DCE	UG03	PC	LT	0.78

TABLE 9  
TCAAP SURFACE WATER QUALITY ASSURANCE/QUALITY CONTROL DATA

Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas	Value	Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas	Value
Q26	QCMB	0	UGL	12-May-90	CHCL3	UG03	PC	LT	0.72	Q26	QCSP	0	UGL	15-May-90	11DCLE	UG03	PC	LT	0.78
Q26	QCSP	0	UGL	12-May-90	CHCL3	UG03	PC	LT	0.72	Q26	QCMB	0	UGL	15-May-90	12DCE	UG03	PC	LT	0.5
Q26	QCSP	0	UGL	12-May-90	CHCL3	UG03	PC	LT	0.72	Q26	QCSP	1	UGL	15-May-90	12DCE	UG03	PC		1.01
Q26	QCFB	0	UGL	12-May-90	TCLEE	UG03	PC	LT	1	Q26	QCSP	5	UGL	15-May-90	12DCE	UG03	PC		4.44
Q26	QCMB	0	UGL	12-May-90	TCLEE	UG03	PC	LT	1	Q26	QCMB	0	UGL	15-May-90	12DCLE	UG03	PC	LT	0.5
Q26	QCSP	2	UGL	12-May-90	TCLEE	UG03	PC		2.04	Q26	QCSP	1	MGL	15-May-90	12DCLE	UG03	PC		1.04
Q26	QCSP	10	UGL	12-May-90	TCLEE	UG03	PC		10.5	Q26	QCSP	5	MGL	15-May-90	12DCLE	UG03	PC		4.71
Q26	QCFB	0	UGL	12-May-90	TCLTFE	UG03	PC	LT	1	Q26	QCMB	0	MGL	15-May-90	12DCLP	UG03	PC	LT	1
Q26	QCMB	0	UGL	12-May-90	TCLTFE	UG03	PC	LT	1	Q26	QCSP	0	MGL	15-May-90	12DCLP	UG03	PC	LT	1
Q26	QCSP	0	UGL	12-May-90	TCLTFE	UG03	PC	LT	1	Q26	QCSP	0	MGL	15-May-90	12DCLP	UG03	PC	LT	1
Q26	QCSP	0	UGL	12-May-90	TCLTFE	UG03	PC	LT	1	Q26	QCRB	0	MGL	15-May-90	ALPHAG	99	PC		0.9
Q26	QCFB	0	UGL	12-May-90	TRCLE	UG03	PC		0.547	Q26	QCRB	0	MGL	15-May-90	BETAG	99	PC	ND	1.7
Q26	QCFB	0	UGL	12-May-90	TRCLE	UG03	PC	LT	0.5	Q26	QCMB	0	MGL	15-May-90	C2H3CL	UG03	PC	LT	1.9
Q26	QCMB	0	UGL	12-May-90	TRCLE	UG03	PC	LT	0.5	Q26	QCSP	0	UGL	15-May-90	C2H3CL	UG03	PC	LT	1.9
Q26	QCSP	5	UGL	12-May-90	TRCLE	UG03	PC		5.26	Q26	QCSP	0	UGL	15-May-90	C2H3CL	UG03	PC	LT	1.9
Q26	QCSP	1	UGL	12-May-90	TRCLE	UG03	PC		1.02	Q26	QCMB	0	MGL	15-May-90	CCL4	UG03	PC	LT	1.3
Q26	QCTB	0	UGL	12-May-90	TRCLE	UG03	PC	LT	0.5	Q26	QCSP	0	MGL	15-May-90	CCL4	UG03	PC	LT	1.3
Q26	QCSP	10	MGL	13-May-90	111TCE	UG03	PC		10.5	Q26	QCSP	0	UGL	15-May-90	CCL4	UG03	PC	LT	1.3
Q26	QCSP	10	MGL	13-May-90	112TCE	UG03	PC		10.6	Q26	QCMB	0	MGL	15-May-90	CH2CL2	UG03	PC	LT	3.2
Q26	QCSP	10	MGL	13-May-90	11DCE	UG03	PC		10.4	Q26	QCSP	0	MGL	15-May-90	CH2CL2	UG03	PC	LT	3.2
Q26	QCSP	0	MGL	13-May-90	11DCLE	UG03	PC	LT	0.78	Q26	QCSP	0	MGL	15-May-90	CH2CL2	UG03	PC	LT	3.2
Q26	QCSP	5	MGL	13-May-90	12DCE	UG03	PC		4.81	Q26	QCMB	0	UGL	15-May-90	CHCL3	UG03	PC	LT	0.72
Q26	QCSP	5	MGL	13-May-90	12DCLE	UG03	PC		4.95	Q26	QCSP	0	UGL	15-May-90	CHCL3	UG03	PC	LT	0.72
Q26	QCSP	0	MGL	13-May-90	12DCLP	UG03	PC	LT	1	Q26	QCSP	0	UGL	15-May-90	CHCL3	UG03	PC	LT	0.72
Q26	QCSP	0	MGL	13-May-90	C2H3CL	UG03	PC	LT	1.9	Q26	QCFB	0	UGL	15-May-90	COD	00	PC	ND	50
Q26	QCSP	0	MGL	13-May-90	CCL4	UG03	PC	LT	1.3	Q26	QCFB	0	UGL	15-May-90	COD	00	PC	ND	50
Q26	QCSP	0	UGL	13-May-90	CH2CL2	UG03	PC	LT	3.2	Q26	QCRB	0	UGL	15-May-90	COD	00	PC	ND	50
Q26	QCSP	0	UGL	13-May-90	CHCL3	UG03	PC	LT	0.72	Q26	QCMB	0	UGL	15-May-90	TCLEE	UG03	PC	LT	1
Q26	QCSP	10	UGL	13-May-90	TCLEE	UG03	PC		10.6	Q26	QCSP	10	UGL	15-May-90	TCLEE	UG03	PC		9.62
Q26	QCSP	0	UGL	13-May-90	TCLTFE	UG03	PC	LT	1	Q26	QCSP	2	UGL	15-May-90	TCLEE	UG03	PC		2.27
Q26	QCRB	0	UGL	13-May-90	TOC	00	PC	ND	0.1	Q26	QCMB	0	MGL	15-May-90	TCLTFE	UG03	PC	LT	1
Q26	QCSP	5	UGL	13-May-90	TRCLE	UG03	PC		5.31	Q26	QCSP	0	UGL	15-May-90	TCLTFE	UG03	PC	LT	1
Q26	QCFB	0	UGL	14-May-90	TOC	00	PC		1.1	Q26	QCSP	0	MGL	15-May-90	TCLTFE	UG03	PC	LT	1
Q26	QCFB	0	UGL	14-May-90	ZN	SC04	PC	LT	25	Q26	QCMB	0	MGL	15-May-90	TRCLE	UG03	PC	LT	0.5
Q26	QCMB	0	UGL	14-May-90	ZN	SC04	PC	LT	25	Q26	QCSP	1	MGL	15-May-90	TRCLE	UG03	PC		1.3
Q26	QCSP	50	UGL	14-May-90	ZN	SC04	PC		53.4	Q26	QCSP	5	MGL	15-May-90	TRCLE	UG03	PC		4.8
Q26	QCSP	250	UGL	14-May-90	ZN	SC04	PC		253	Q26	QCSP	10	UGL	16-May-90	111TCE	UG03	PC		10
Q26	QCSP	10	UGL	16-May-90	112TCE	UG03	PC		10.3	Q26	QCMB	0	UGL	25-May-90	NI	SD08	PC	LT	5.32
Q26	QCTB	0	UGL	16-May-90	112TCE	UG03	PC	LT	1	Q26	QCSP	40	UGL	25-May-90	NI	SD08	PC		39.2
Q26	QCSP	10	UGL	16-May-90	11DCE	UG03	PC		9.89	Q26	QCSP	40	UGL	25-May-90	NI	SD08	PC		37.8
Q26	QCTB	0	UGL	16-May-90	11DCE	UG03	PC	LT	1	Q26	QCSP	10	UGL	25-May-90	NI	SD08	PC		10.1
Q26	QCSP	0	UGL	16-May-90	11DCLE	UG03	PC	LT	0.78	Q26	QCFB	0	UGL	30-May-90	CR	SD08	PC	LT	2.5
Q26	QCTB	0	UGL	16-May-90	11DCLE	UG03	PC	LT	0.78	Q26	QCMB	0	UGL	30-May-90	CR	SD08	PC	LT	2.5
Q26	QCSP	5	UGL	16-May-90	12DCE	UG03	PC		4.85	Q26	QCSP	25	UGL	30-May-90	CR	SD08	PC		25
Q26	QCTB	0	UGL	16-May-90	12DCE	UG03	PC	LT	0.5	Q26	QCSP	25	UGL	30-May-90	CR	SD08	PC		26.2
Q26	QCSP	5	UGL	16-May-90	12DCLE	UG03	PC		4.73	Q26	QCSP	5	UGL	30-May-90	CR	SD08	PC		5.06
Q26	QCTB	0	UGL	16-May-90	12DCLE	UG03	PC	LT	0.5	Q26	QCMB	0	UGL	04-Jun-90	CR	SD08	PC	LT	2.5
Q26	QCSP	0	UGL	16-May-90	12DCLP	UG03	PC	LT	1	Q26	QCSP	5	UGL	04-Jun-90	CR	SD08	PC		4.98
Q26	QCTB	0	UGL	16-May-90	12DCLP	UG03	PC	LT	1	Q26	QCSP	25	UGL	04-Jun-90	CR	SD08	PC		25.7
Q26	QCSP	0	UGL	16-May-90	C2H3CL	UG03	PC	LT	1.9	Q26	QCSP	25	UGL	04-Jun-90	CR	SD08	PC		27
Q26	QCTB	0	UGL	16-May-90	C2H3CL	UG03	PC	LT	1.9	Q26	QCMB	0	UGL	05-Jun-90	CU	SD08	PC	LT	1.56
Q26	QCSP	0	UGL	16-May-90	CCL4	UG03	PC	LT	1.3	Q26	QCSP	2	UGL	05-Jun-90	CU	SD08	PC		1.61
Q26	QCTB	0	UGL	16-May-90	CCL4	UG03	PC	LT	1.3	Q26	QCSP	10	UGL	05-Jun-90	CU	SD08	PC		10
Q26	QCSP	0	MGL	16-May-90	CH2CL2	UG03	PC	LT	3.2	Q26	QCSP	10	UGL	05-Jun-90	CU	SD08	PC		9.5
Q26	QCTB	0	MGL	16-May-90	CH2CL2	UG03	PC	LT	3.2	Q26	QCMB	0	UGL	05-Jun-90	NI	SD08	PC	LT	5.32

TABLE 9  
TCAAP SURFACE WATER QUALITY ASSURANCE/QUALITY CONTROL DATA

Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas	Value	Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas	Value
Q26	QCSP	0	MGL	16-May-90	CHCL3	UG03	PC	LT	0.72	Q26	QCSP	40	UGL	05-Jun-90	NI	SD08	PC		40.3
Q26	QCTB	0	MGL	16-May-90	CHCL3	UG03	PC	LT	0.72	Q26	QCSP	10	UGL	05-Jun-90	NI	SD08	PC		9.8
Q26	QCSP	10	MGL	16-May-90	TCLEE	UG03	PC		10	Q26	QCSP	40	UGL	05-Jun-90	NI	SD08	PC		39.7
Q26	QCTB	0	MGL	16-May-90	TCLEE	UG03	PC	LT	1	Q26	QCFB	0	UGL	05-Jun-90	PB	SD08	PC	LT	1.26
Q26	QCSP	0	MGL	16-May-90	TCLTFE	UG03	PC	LT	1	Q26	QCFB	0	UGL	05-Jun-90	PB	SD08	PC	LT	1.26
Q26	QCTB	0	MGL	16-May-90	TCLTFE	UG03	PC	LT	1	Q26	QCMB	0	UGL	05-Jun-90	PB	SD08	PC	LT	1.26
Q26	QCMB	0	MGL	16-May-90	TPO4	TY11	PC	LT	9.36	Q26	QCMB	0	UGL	05-Jun-90	PB	SD08	PC	LT	1.26
Q26	QCSP	80	MGL	16-May-90	TPO4	TY11	PC		77.6	Q26	QCSP	2	UGL	05-Jun-90	PB	SD08	PC		1.73
Q26	QCSP	20	MGL	16-May-90	TPO4	TY11	PC		15.1	Q26	QCSP	2	UGL	05-Jun-90	PB	SD08	PC		1.36
Q26	QCSP	80	MGL	16-May-90	TPO4	TY11	PC		78	Q26	QCSP	10	UGL	05-Jun-90	PB	SD08	PC		9.85
Q26	QCSP	5	MGL	16-May-90	TRCLE	UG03	PC		5.31	Q26	QCSP	10	UGL	05-Jun-90	PB	SD08	PC		11.1
Q26	QCTB	0	MGL	16-May-90	TRCLE	UG03	PC	LT	0.5	Q26	QCSP	10	UGL	05-Jun-90	PB	SD08	PC		10.3
Q26	QCFB	0	UGL	17-May-90	HG	SB07	PC	LT	0.74	Q26	QCSP	10	UGL	05-Jun-90	PB	SD08	PC		9.91
Q26	QCFB	0	UGL	17-May-90	HG	SB07	PC	LT	0.74	Q26	QCFB	0	UGL	12-Jun-90	DO	99	PC		5.1
Q26	QCMB	0	UGL	17-May-90	HG	SB07	PC	LT	0.74	Q26	QCRB	0	UGL	12-Jun-90	DO	99	PC		5
Q26	QCSP	7	MGL	17-May-90	HG	SB07	PC		7.26	Q26	QCFB	0	UGL	12-Jun-90	PH	00	PC		6.9
Q26	QCSP	7	UGL	17-May-90	HG	SB07	PC		7.09	Q26	QCRB	0	UGL	12-Jun-90	PH	00	PC		7.1
Q26	QCSP	2	MGL	17-May-90	HG	SB07	PC		1.93	Q26	QCFB	0	MGL	13-Jun-90	PO4ORT	TF15	PC	LT	10.3
Q26	QCFB	0	UGL	22-May-90	AG	SD08	PC	LT	0.5	Q26	QCMB	0	UGL	13-Jun-90	PO4ORT	TF15	PC	LT	10.3
Q26	QCFB	0	UGL	22-May-90	AG	SD08	PC		0.613	Q26	QCSP	80	UGL	13-Jun-90	PO4ORT	TF15	PC		82
Q26	QCMB	0	UGL	22-May-90	AG	SD08	PC	LT	0.5	Q26	QCSP	20	MGL	13-Jun-90	PO4ORT	TF15	PC		18.9
Q26	QCSP	5	UGL	22-May-90	AG	SD08	PC		4.88	Q26	QCSP	80	UGL	13-Jun-90	PO4ORT	TF15	PC		82
Q26	QCSP	1	UGL	22-May-90	AG	SD08	PC		1.01	Q26	QCFB	0	UGL	14-Jun-90	OILGR	00	PC	ND	1
Q26	QCSP	5	UGL	22-May-90	AG	SD08	PC		4.99	Q26	QCRB	0	UGL	14-Jun-90	OILGR	00	PC	ND	1
Q26	QCFB	0	UGL	22-May-90	CD	SD08	PC	LT	0.37	Q26	QCFB	0	UGL	15-Jun-90	TSS	00	PC	ND	1
Q26	QCFB	0	UGL	22-May-90	CD	SD08	PC	LT	0.37	Q26	QCRB	0	UGL	15-Jun-90	TSS	00	PC	ND	1
Q26	QCMB	0	UGL	22-May-90	CD	SD08	PC	LT	0.37	Q26	QCMB	0	UGL	20-Jun-90	TPO4	TY11	PC	LT	9.36
Q26	QCSP	2.5	UGL	22-May-90	CD	SD08	PC		2.67	Q26	QCSP	80	UGL	20-Jun-90	TPO4	TY11	PC		81.3
Q26	QCSP	1	UGL	22-May-90	CD	SD08	PC		0.865	Q26	QCSP	20	UGL	20-Jun-90	TPO4	TY11	PC		15
Q26	QCSP	2.5	UGL	22-May-90	CD	SD08	PC		2.59	Q26	QCSP	80	UGL	20-Jun-90	TPO4	TY11	PC		77.8
Q26	QCFB	0	UGL	25-May-90	NI	SD08	PC	LT	5.32	Q26	QCFB	0	UGL	21-Jun-90	CL	99	PC	ND	1000
Q27	QCMB	0	UGL	05-Jul-90	AG	SD08	PC	LT	0.5	Q27	QCRB	0	MGL	17-Aug-90	BOD	00	PC	ND	6
Q27	QCSP	5	UGL	05-Jul-90	AG	SD08	PC		4.58	Q27	QCRB	0	UGL	20-Aug-90	ALPHAG	00	PC	ND	8.3
Q27	QCSP	1	UGL	05-Jul-90	AG	SD08	PC		0.991	Q27	QCRB	0	UGL	20-Aug-90	BETAG	00	PC	ND	2
Q27	QCSP	5	UGL	05-Jul-90	AG	SD08	PC		4.93	Q27	QCFB	0	UGL	20-Aug-90	TOC	00	PC	ND	0.1
Q27	QCMB	0	UGL	05-Jul-90	CD	SD08	PC	LT	0.37	Q27	QCFB	0	UGL	21-Aug-90	NH3	99	PC	ND	0.1
Q27	QCSP	1	UGL	05-Jul-90	CD	SD08	PC		1.05	Q27	QCRB	0	UGL	21-Aug-90	NH3	99	PC	ND	0.1
Q27	QCSP	2.5	UGL	05-Jul-90	CD	SD08	PC		2.36	Q27	QCFB	0	UGL	21-Aug-90	TSS	00	PC	ND	1
Q27	QCSP	2.5	UGL	05-Jul-90	CD	SD08	PC		2.4	Q27	QCRB	0	UGL	21-Aug-90	TSS	00	PC	ND	1
Q27	QCFB	0	UGL	27-Jul-90	DO	99	PC		1.6	Q27	QCFB	0	UGL	23-Aug-90	CL	99	PC	ND	1
Q27	QCRB	0	UGL	27-Jul-90	DO	99	PC		1.6	Q27	QCRB	0	UGL	23-Aug-90	CL	99	PC	ND	1
Q27	QCFB	0	UGL	27-Jul-90	PH	00	PC		6.1	Q27	QCFB	0	UGL	27-Aug-90	CYN	TY03	PC	LT	8.17
Q27	QCFB	0	UGL	27-Jul-90	PO4ORT	TF15	PC	LT	10.3	Q27	QCMB	0	UGL	27-Aug-90	CYN	TY03	PC	LT	8.17
Q27	QCMB	0	UGL	27-Jul-90	PO4ORT	TF15	PC	LT	10.3	Q27	QCSP	50	UGL	27-Aug-90	CYN	TY03	PC		53.3
Q27	QCSP	20	UGL	27-Jul-90	PO4ORT	TF15	PC		18	Q27	QCSP	50	UGL	27-Aug-90	CYN	TY03	PC		47.9
Q27	QCSP	80	UGL	27-Jul-90	PO4ORT	TF15	PC		75.9	Q27	QCSP	20	UGL	27-Aug-90	CYN	TY03	PC		20.6
Q27	QCSP	80	UGL	27-Jul-90	PO4ORT	TF15	PC		79.3	Q27	QCFB	0	UGL	28-Aug-90	111TCE	UG03	PC	LT	1
Q27	QCFB	0	UGL	30-Jul-90	OILGR	00	PC	ND	1	Q27	QCFB	0	UGL	28-Aug-90	111TCE	UG03	PC	LT	1
Q27	QCRB	0	UGL	30-Jul-90	OILGR	00	PC	ND	1	Q27	QCFB	0	UGL	28-Aug-90	111TCE	UG03	PC	LT	1
Q27	QCFB	0	UGL	02-Aug-90	CL	99	PC	ND	1	Q27	QCMB	0	UGL	28-Aug-90	111TCE	UG03	PC	LT	1
Q27	QCRB	0	UGL	02-Aug-90	CL	99	PC	ND	1	Q27	QCSP	2	UGL	28-Aug-90	111TCE	UG03	PC		2.05
Q27	QCFB	0	UGL	02-Aug-90	TPO4	TY11	PC	LT	9.36	Q27	QCSP	10	UGL	28-Aug-90	111TCE	UG03	PC		10.8
Q27	QCMB	0	UGL	02-Aug-90	TPO4	TY11	PC	LT	9.36	Q27	QCSP	10	UGL	28-Aug-90	111TCE	UG03	PC		11
Q27	QCSP	80	UGL	02-Aug-90	TPO4	TY11	PC		78.4	Q27	QCFB	0	UGL	28-Aug-90	112TCE	UG03	PC	LT	1
Q27	QCSP	80	UGL	02-Aug-90	TPO4	TY11	PC		77.8	Q27	QCFB	0	UGL	28-Aug-90	112TCE	UG03	PC	LT	1

TABLE 9  
TCAAAP SURFACE WATER QUALITY ASSURANCE/QUALITY CONTROL DATA

Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas	Value	Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas	Value
Q27	QCSP	20 UGL		02-Aug-90	TPO4	TY11	PC		15.9	Q27	QCFB	0 UGL		28-Aug-90	112TCE	UG03	PC	LT	1
Q27	QCMB	0 UGL		03-Aug-90	C6H6	UP01	PC	LT	0.41	Q27	QCMB	0 UGL		28-Aug-90	112TCE	UG03	PC	LT	1
Q27	QCSP	5 UGL		03-Aug-90	C6H6	UP01	PC		4.41	Q27	QCSP	2 UGL		28-Aug-90	112TCE	UG03	PC		2.65
Q27	QCSP	5 UGL		03-Aug-90	C6H6	UP01	PC		4.4	Q27	QCSP	10 UGL		28-Aug-90	112TCE	UG03	PC		14.4
Q27	QCSP	1 UGL		03-Aug-90	C6H6	UP01	PC		0.966	Q27	QCSP	10 UGL		28-Aug-90	112TCE	UG03	PC		14.8
Q27	QCMB	0 UGL		03-Aug-90	MEC6H5	UP01	PC	LT	0.87	Q27	QCFB	0 UGL		28-Aug-90	11DCE	UG03	PC	LT	1
Q27	QCSP	10 UGL		03-Aug-90	MEC6H5	UP01	PC		10.6	Q27	QCFB	0 UGL		28-Aug-90	11DCE	UG03	PC	LT	1
Q27	QCSP	2 UGL		03-Aug-90	MEC6H5	UP01	PC		2.22	Q27	QCFB	0 MGL		28-Aug-90	11DCE	UG03	PC	LT	1
Q27	QCSP	10 UGL		03-Aug-90	MEC6H5	UP01	PC		10.4	Q27	QCMB	0 UGL		28-Aug-90	11DCE	UG03	PC	LT	1
Q27	QCFB	0 UGL		03-Aug-90	TSS	00	PC	ND	1	Q27	QCSP	10 UGL		28-Aug-90	11DCE	UG03	PC		8.8
Q27	QCRB	0 UGL		03-Aug-90	TSS	00	PC	ND	1	Q27	QCSP	10 MGL		28-Aug-90	11DCE	UG03	PC		8.78
Q27	QCMB	0 UGL		03-Aug-90	TXYLEN	UP01	PC	LT	8.28	Q27	QCSP	2 MGL		28-Aug-90	11DCE	UG03	PC		1.51
Q27	QCSP	15 UGL		03-Aug-90	TXYLEN	UP01	PC		15.3	Q27	QCFB	0 UGL		28-Aug-90	11DCLC	UG03	PC	LT	0.78
Q27	QCSP	75 UGL		03-Aug-90	TXYLEN	UP01	PC		76.7	Q27	QCFB	0 UGL		28-Aug-90	11DCLC	UG03	PC	LT	0.78
Q27	QCSP	75 UGL		03-Aug-90	TXYLEN	UP01	PC		80.9	Q27	QCFB	0 UGL		28-Aug-90	11DCLC	UG03	PC	LT	0.78
Q27	QCFB	0 UGL		15-Aug-90	DO	99	PC		3.7	Q27	QCMB	0 UGL		28-Aug-90	11DCLC	UG03	PC	LT	0.78
Q27	QCFB	0 UGL		15-Aug-90	PH	00	PC		5.2	Q27	QCSP	0 UGL		28-Aug-90	11DCLC	UG03	PC	LT	0.78
Q27	QCFB	0 UGL		15-Aug-90	PO4ORT	TF15	PC	LT	10.3	Q27	QCSP	0 UGL		28-Aug-90	11DCLC	UG03	PC	LT	0.78
Q27	QCMB	0 UGL		15-Aug-90	PO4ORT	TF15	PC	LT	10.3	Q27	QCSP	0 UGL		28-Aug-90	11DCLC	UG03	PC	LT	0.78
Q27	QCSP	80 UGL		15-Aug-90	PO4ORT	TF15	PC		72.1	Q27	QCFB	0 UGL		28-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCSP	80 UGL		15-Aug-90	PO4ORT	TF15	PC		67.1	Q27	QCFB	0 UGL		28-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCSP	20 UGL		15-Aug-90	PO4ORT	TF15	PC		13.9	Q27	QCFB	0 UGL		28-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCFB	0 MGL		16-Aug-90	COD	00	PC	ND	50	Q27	QCMB	0 UGL		28-Aug-90	12DCE	UG03	PC	LT	0.5
Q27	QCRB	0 MGL		16-Aug-90	COD	00	PC	ND	50	Q27	QCSP	5 UGL		28-Aug-90	12DCE	UG03	PC		5.18
Q27	QCFB	0 MGL		17-Aug-90	BOD	00	PC	ND	6	Q27	QCSP	1 UGL		28-Aug-90	12DCE	UG03	PC		0.996
Q27	QCFB	0 UGL		28-Aug-90	12DCLC	UG03	PC	LT	0.5	Q27	QCFB	0 UGL		28-Aug-90	TCLTFE	UG03	PC	LT	1
Q27	QCFB	0 UGL		28-Aug-90	12DCLC	UG03	PC	LT	0.5	Q27	QCFB	0 UGL		28-Aug-90	TCLTFE	UG03	PC	LT	1
Q27	QCFB	0 UGL		28-Aug-90	12DCLC	UG03	PC	LT	0.5	Q27	QCFB	0 UGL		28-Aug-90	TCLTFE	UG03	PC	LT	1
Q27	QCMB	0 UGL		28-Aug-90	12DCLC	UG03	PC	LT	0.5	Q27	QCMB	0 UGL		28-Aug-90	TCLTFE	UG03	PC	LT	1
Q27	QCSP	5 UGL		28-Aug-90	12DCLC	UG03	PC		5.11	Q27	QCSP	0 UGL		28-Aug-90	TCLTFE	UG03	PC	LT	1
Q27	QCSP	1 UGL		28-Aug-90	12DCLC	UG03	PC		0.967	Q27	QCSP	0 UGL		28-Aug-90	TCLTFE	UG03	PC	LT	1
Q27	QCSP	5 UGL		28-Aug-90	12DCLC	UG03	PC		4.99	Q27	QCSP	0 UGL		28-Aug-90	TCLTFE	UG03	PC	LT	1
Q27	QCFB	0 UGL		28-Aug-90	12DCLP	UG03	PC	LT	1	Q27	QCFB	0 UGL		28-Aug-90	TRCLE	UG03	PC	LT	0.5
Q27	QCFB	0 UGL		28-Aug-90	12DCLP	UG03	PC	LT	1	Q27	QCFB	0 MGL		28-Aug-90	TRCLE	UG03	PC	LT	0.5
Q27	QCFB	0 UGL		28-Aug-90	12DCLP	UG03	PC	LT	1	Q27	QCFB	0 UGL		28-Aug-90	TRCLE	UG03	PC	LT	0.5
Q27	QCMB	0 UGL		28-Aug-90	12DCLP	UG03	PC	LT	1	Q27	QCMB	0 UGL		28-Aug-90	TRCLE	UG03	PC	LT	0.5
Q27	QCSP	0 UGL		28-Aug-90	12DCLP	UG03	PC	LT	1	Q27	QCSP	5 UGL		28-Aug-90	TRCLE	UG03	PC		4.77
Q27	QCSP	0 UGL		28-Aug-90	12DCLP	UG03	PC	LT	1	Q27	QCSP	1 UGL		28-Aug-90	TRCLE	UG03	PC		0.944
Q27	QCSP	0 UGL		28-Aug-90	12DCLP	UG03	PC	LT	1	Q27	QCSP	5 UGL		28-Aug-90	TRCLE	UG03	PC		5.55
Q27	QCFB	0 UGL		28-Aug-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCMB	0 MGL		29-Aug-90	NI	SD08	PC	LT	5.32
Q27	QCFB	0 UGL		28-Aug-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCSP	40 MGL		29-Aug-90	NI	SD08	PC		37.8
Q27	QCFB	0 UGL		28-Aug-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCSP	40 UGL		29-Aug-90	NI	SD08	PC		37.2
Q27	QCMB	0 UGL		28-Aug-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCSP	10 MGL		29-Aug-90	NI	SD08	PC		9.71
Q27	QCSP	0 UGL		28-Aug-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCFB	0 MGL		29-Aug-90	OILGR	00	PC	ND	1
Q27	QCSP	0 UGL		28-Aug-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCRB	0 MGL		29-Aug-90	OILGR	00	PC	ND	2
Q27	QCSP	0 UGL		28-Aug-90	C2H3CL	UG03	PC	LT	1.9	Q27	QCFB	0 MGL		30-Aug-90	CD	SD08	PC	LT	0.37
Q27	QCFB	0 UGL		28-Aug-90	CCL4	UG03	PC	LT	1.3	Q27	QCMB	0 MGL		30-Aug-90	CD	SD08	PC	LT	0.37
Q27	QCFB	0 UGL		28-Aug-90	CCL4	UG03	PC	LT	1.3	Q27	QCSP	1 MGL		30-Aug-90	CD	SD08	PC		1.01
Q27	QCFB	0 UGL		28-Aug-90	CCL4	UG03	PC	LT	1.3	Q27	QCSP	2.5 MGL		30-Aug-90	CD	SD08	PC		2.36
Q27	QCMB	0 UGL		28-Aug-90	CCL4	UG03	PC	LT	1.3	Q27	QCSP	2.5 MGL		30-Aug-90	CD	SD08	PC		2.26
Q27	QCSP	0 UGL		28-Aug-90	CCL4	UG03	PC	LT	1.3	Q27	QCMB	0 MGL		30-Aug-90	CU	SD08	PC	LT	1.56
Q27	QCSP	0 UGL		28-Aug-90	CCL4	UG03	PC	LT	1.3	Q27	QCSP	10 MGL		30-Aug-90	CU	SD08	PC		9.98
Q27	QCSP	0 UGL		28-Aug-90	CCL4	UG03	PC	LT	1.3	Q27	QCSP	10 MGL		30-Aug-90	CU	SD08	PC		9.98
Q27	QCFB	0 UGL		28-Aug-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCSP	2 MGL		30-Aug-90	CU	SD08	PC		2.02
Q27	QCFB	0 UGL		28-Aug-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCFB	0 MGL		30-Aug-90	NI	SD08	PC	LT	5.32

TABLE 9  
TCAAP SURFACE WATER QUALITY ASSURANCE/QUALITY CONTROL DATA

Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas	Value	Qtr	Type	Spike	Unit	Date	Test	Meth	Lab	Meas	Value
Q27	QCFB	0	UGL	28-Aug-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCFB	0	UGL	30-Aug-90	ZN	SC04	PC	LT	25
Q27	QCMB	0	UGL	28-Aug-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCMB	0	UGL	30-Aug-90	ZN	SC04	PC	LT	25
Q27	QCSP	0	UGL	28-Aug-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCSP	50	MGL	30-Aug-90	ZN	SC04	PC		50.8
Q27	QCSP	0	UGL	28-Aug-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCSP	250	MGL	30-Aug-90	ZN	SC04	PC		247
Q27	QCSP	0	UGL	28-Aug-90	CH2CL2	UG03	PC	LT	3.2	Q27	QCSP	250	MGL	30-Aug-90	ZN	SC04	PC		249
Q27	QCFB	0	UGL	28-Aug-90	CHCL3	UG03	PC	LT	0.72	Q27	QCFB	0	UGL	31-Aug-90	CR	SD08	PC	LT	2.5
Q27	QCFB	0	UGL	28-Aug-90	CHCL3	UG03	PC	LT	0.72	Q27	QCMB	0	UGL	31-Aug-90	CR	SD08	PC	LT	2.5
Q27	QCMB	0	UGL	28-Aug-90	CHCL3	UG03	PC	LT	0.72	Q27	QCSP	25	UGL	31-Aug-90	CR	SD08	PC		24.5
Q27	QCSP	0	UGL	28-Aug-90	CHCL3	UG03	PC	LT	0.72	Q27	QCSP	5	UGL	31-Aug-90	CR	SD08	PC		5.12
Q27	QCSP	0	UGL	28-Aug-90	CHCL3	UG03	PC	LT	0.72	Q27	QCSP	25	UGL	31-Aug-90	CR	SD08	PC		25.2
Q27	QCSP	0	UGL	28-Aug-90	CHCL3	UG03	PC	LT	0.72	Q28	QCFB	0	UGL	10-Sep-90	CU	SD08	PC	LT	1.56
Q27	QCFB	0	UGL	28-Aug-90	TCLEE	UG03	PC	LT	1	Q28	QCFB	0	UGL	10-Sep-90	DO	00	PC		9
Q27	QCFB	0	UGL	28-Aug-90	TCLEE	UG03	PC	LT	1	Q28	QCRB	0	UGL	10-Sep-90	DO	00	PC		5.4
Q27	QCFB	0	UGL	28-Aug-90	TCLEE	UG03	PC	LT	1	Q28	QCFB	0	UGL	10-Sep-90	PH	00	PC		7.2
Q27	QCMB	0	UGL	28-Aug-90	TCLEE	UG03	PC	LT	1	Q28	QCRB	0	UGL	10-Sep-90	PH	00	PC		6.7
Q27	QCSP	2	UGL	28-Aug-90	TCLEE	UG03	PC		2.06	Q28	QCFB	0	UGL	11-Sep-90	OILGR	00	PC	ND	1
Q27	QCSP	10	UGL	28-Aug-90	TCLEE	UG03	PC		12.1	Q28	QCRB	0	UGL	13-Sep-90	OILGR	00	PC	ND	1
Q27	QCSP	10	UGL	28-Aug-90	TCLEE	UG03	PC		10.5	Q28	QCFB	0	UGL	13-Sep-90	TSS	00	PC	ND	1
Q28	QCRB	0	UGL	24-Sep-90	CL	99	PC	ND	1	Q28	QCRB	0	UGL	13-Sep-90	TSS	00	PC	ND	1
Q28	QCFB	0	UGL	03-Oct-90	DO	00	PC		6.8										
Q28	QCRB	0	UGL	03-Oct-90	DO	00	PC		4.4										
Q28	QCFB	0	UGL	03-Oct-90	PH	00	PC		7.3										
Q28	QCRB	0	UGL	03-Oct-90	PH	00	PC		7.2										
Q28	QCFB	0	UGL	03-Oct-90	PO4ORT	TF15	PC		9.9										
Q28	QCMB	0	UGL	03-Oct-90	PO4ORT	TF15	PC	LT	10.3										
Q28	QCRB	0	UGL	03-Oct-90	PO4ORT	TF15	PC	LT	10.3										
Q28	QCSP	20	UGL	03-Oct-90	PO4ORT	TF15	PC		20										
Q28	QCSP	80	UGL	03-Oct-90	PO4ORT	TF15	PC		80.9										
Q28	QCSP	80	UGL	03-Oct-90	PO4ORT	TF15	PC		81.1										
Q28	QCFB	0	UGL	08-Oct-90	TSS	00	PC	ND	1										
Q28	QCRB	0	UGL	08-Oct-90	TSS	00	PC	ND	1										
Q28	QCFB	0	UGL	09-Oct-90	OILGR	00	PC	ND	1										
Q28	QCRB	0	UGL	09-Oct-90	OILGR	00	PC	ND	1										
Q28	QCFB	0	UGL	10-Oct-90	CL	99	PC	ND	20.3										
Q28	QCRB	0	UGL	10-Oct-90	CL	99	PC	ND	20.1										
Q28	QCFB	0	UGL	17-Oct-90	TPO4	TY11	PC	LT	9.36										
Q28	QCMB	0	UGL	17-Oct-90	TPO4	TY11	PC	LT	9.36										
Q28	QCRB	0	UGL	17-Oct-90	TPO4	TY11	PC	LT	9.36										
Q28	QCSP	80	UGL	17-Oct-90	TPO4	TY11	PC		80.6										
Q28	QCSP	20	UGL	17-Oct-90	TPO4	TY11	PC		18										
Q28	QCSP	80	UGL	17-Oct-90	TPO4	TY11	PC		81.8										

**TABLE 10**

Site A Performance Data



7/26/91

Table 10  
Site A Performance Data

Date	Volume of Water Treated	TRCLE			TCLEE			1,2-DCE		
		Influent Conc. (ppb)	Effluent Conc. (ppb)	Pounds Removed	Influent Conc. (ppb)	Effluent Conc. (ppb)	Pounds Removed	Influent Conc. (ppb)	Effluent Conc. (ppb)	Pounds Removed
13-Sep-88	0	380		0	620		0	540		0
21-Sep-88	58,000	58		0.11	130		0.18	120		0.16
27-Sep-88	44,000	37		0.02	81		0.04	88		0.04
04-Oct-88	43,000	38		0.01	110		0.03	85		0.03
19-Oct-88	99,000	39		0.03	120		0.09	78		0.07
25-Oct-88	48,000	21		0.01	49		0.03	43		0.02
08-Nov-88	110,000	26		0.02	57		0.05	41		0.04
29-Nov-88	136,000	19		0.03	39		0.06	32		0.04
06-Dec-88	50,000	16		0.01	31		0.01	38		0.01
20-Dec-88	90,000	19		0.01	41		0.03	35		0.03
16-Jan-89	152,000	24		0.03	9		0.03	36		0.04
21-Feb-89	195,000	16		0.03	24		0.03	24		0.05
21-Mar-89	151,000	13		0.02	22		0.03	39		0.04
21-Apr-89	156,000	16		0.02	30		0.03	32		0.05
23-May-89	161,000	10		0.02	17		0.03	27		0.04
23-Jun-89	159,000	8		0.01	15		0.02	24		0.03
17-Jul-89	107,000	9		0.01	16		0.01	23		0.02
28-Aug-89	297,000	11		0.02	16		0.04	28		0.06
03-Oct-89	221,000	6		0.02	10		0.02	23		0.05
24-Oct-89	110,000	8	<1.0	0.01	15	<0.50	0.01	28	<0.50	0.02
22-Nov-89	157,000	11	<1.0	0.01	20	<0.50	0.02	34	<0.50	0.04
19-Dec-89	120,000	8	<1.0	0.01	14	<0.50	0.02	27	<0.50	0.03
23-Jan-90	120,830	11	<1.0	0.01	17	<0.50	0.02	33	<0.50	0.03
20-Feb-90	129,450	11	<1.0	0.01	18	<0.50	0.02	37	<0.50	0.04
20-Mar-90	120,330	11	<2.5	0.01	17	<0.50	0.02	32	<0.50	0.03
16-Apr-90	109,540	11	<1.0	0.01	17	<0.50	0.02	24	<0.50	0.03
15-May-90	104,020	9	<1.0	0.01	14	<0.50	0.01	19	<0.50	0.02
19-Jun-90	106,400	10	<1.0	0.01	18	<0.50	0.01	17	<0.50	0.02
17-Jul-90	82,380	10	<1.0	0.01	20	<0.50	0.01	13	<0.50	0.01
21-Aug-90	105,710	10	<1.0	0.01	19	<0.50	0.02	15	<0.50	0.01
18-Sep-90	129,200	10	<1.0	0.01	19	<0.50	0.02	15	<0.50	0.02
20-Oct-90	88,210	12	<1.0	0.01	28	<0.50	0.02	14	<0.50	0.01
20-Nov-90	41,470	13	<1.0	0.00	28	<0.50	0.01	17	<0.50	0.01
<b>SUBTOTALS</b>	<b>3,801,540</b>			<b>0.56</b>			<b>0.99</b>			<b>1.14</b>

Note: Minor discrepancies may exist between data presented in this table versus data retrieved from the IRDMS, since the data in this table is unadjusted, raw laboratory data.

**TABLE 11**

**FY 92 Groundwater Quality Monitoring Plan**

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)				
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92	
A	01U038		---	---	---	---	
	01U039		---	1,7	---	---	
	01U040		---	---	---	---	
	01U041		---	---	---	---	
	01U063		---	---	---	---	
	01U067		---	---	---	---	
	01U102		---	1,7	1,7	1,7	
	01U103		---	1,7	---	---	
	01U104		---	---	---	---	
	01U105(2)		---	1	---	---	
	01U106(2)		---	1	---	---	
	01U107(2)		---	---	---	---	
	01U108(3)		---	1	1,7	1,7	1,7
	01U109		---	---	---	---	
	01U110		---	---	---	---	
	01U115		---	1,7	1,7	1,7	
	01U116		---	1,7	---	---	
	01U117		---	1,7	---	---	
	01U118(2)		---	---	---	---	
	01U119(2)		---	1	---	---	
	01U120		---	1,7	---	---	
	01U125		---	1,7	---	---	
	01U126		---	1,7	---	---	
	01U127		---	1,7	---	---	
	01U133		---	---	---	---	
	01U135		---	1,7	---	---	
	01U136		---	1,7	---	---	
	01U350(3)(4)		---	1,2	1,2,7	1,2,7	1,2,7
	01U901		---	---	1,7	---	---
	01U902(3)(4)		---	1	1,2,7	1,7	1,7
134318		---	---	---	---		
MNDOT		---	---	---	---		
	03U023		---	1,7	---	---	
	03L529		---	---	---	---	

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)				
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92	
B	01U011		---	---	---	---	
	01U022		---	---	---	---	
	01U033		---	---	---	---	
	01U034		---	---	---	---	
	01U035		---	---	---	---	
	01U036		---	1	---	---	
	01U037		---	---	---	---	
	01U100		---	---	---	---	
	01U101		---	---	---	---	
	01U122		---	---	---	---	
	03U011		---	---	---	---	
	03U022		---	---	---	---	
	03U082		---	1	---	---	
	C	01U043		---	---	---	---
		01U045(5)		---	4	---	---
01U046			---	---	---	---	
01U085			---	1	---	---	
03U024			---	---	---	---	
03U025			---	---	---	---	
03U083			---	1,7	---	---	
D	03U017		---	1(A)	---	---	
	03U018		---	1(A)	---	---	
	03U093		---	1(A)	1(A)	1(A)	
	03U096		---	1(A)	---	---	
	03U316		1(A)	1(A)	1(A)	1(A)	
	03U317		1(A)	1(A)	1(A)	1(A)	
	03U716		---	---	---	---	
	03M017		---	1(A)	---	---	
	03L017		---	1(A)	---	---	
	03L018		---	1(A)	---	---	

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
E	03U015		---	1	---	---
	03U088		---	1	---	---
	03U089		---	1	---	---
	03U704		Refer to Gravel Pit Area			
F	03U019		---	1,7	---	---
	03U026		---	1,7	---	---
	03U090		Refer to Site 129-15			
	03U092		---	1,7	1,7	1,7
	03U112		---	1,4,7	---	---
	03U113		---	1,7	---	---
	03U114		---	1,7	1,7	1,7
	03U121		---	1,4,7	---	---
	03L113		---	1,7	---	---
	03L137		Refer to Bedrock Valley			
G	03U014		---	1(A)	---	---
	03U020		---	1(A)	---	---
	03U094		---	1(A)	---	---
	03U314		1(A)	1(A)	1(A)	1(A)
	03U315		1(A)	1(A)	1(A)	1(A)
	03U715		---	---	---	---
	03M020		---	1(A)	---	---
	03L014		---	---	---	---
	03L020		---	---	---	---
	04U020		---	1(A)	---	---
PJ#074		---	---	---	---	
PJ#508		Refer to Misc. Wells				

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
H	01U060		---	1,7	---	---
	01U098		---	1,7	---	---
	03U099		---	1,7	---	---
I	01U003		Refer to Site J			
	01U004		---	---	---	---
	01U053		Refer to Site J			
	01U054		---	---	---	---
	01U064		---	1(A)	---	---
	01U132		---	---	---	---
	01U631		---	---	---	---
	01U632		---	---	---	---
	01U634		---	---	---	---
	01U635		---	---	---	---
	01U636		---	1,5(A)	---	---
	01U638		---	---	---	---
	01U639		---	1(A)	---	---
	01U640		---	1,5(A)	---	---
	01U642		---	---	---	---
	01U652		---	---	---	---
	01U666		---	---	---	---
	01U667		---	---	---	---
	01U668		---	---	---	---
	01U675		---	---	---	---
	03U003		Refer to SW Boundary			
	03U004		---	1(A)	---	---
	03U027		---	1(A)	---	---
	03U028		---	1(A)	---	---
	03U029		---	1(A)	---	---
	03U030		---	1(A)	---	---
	03U078		Refer to SW Boundary			
03U079		Refer to SW Boundary				
03U301		1(A)	1(A)	1(A)	1(A)	
03U528		---	---	---	---	

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
I (CONT.)	03U647		---	---	---	---
	03U648		---	---	---	---
	03U658		---	1(A)	---	---
	03U659		---	1(A)	---	---
	03U672		Refer to SW Boundary			
	03U674		---	---	---	---
	03U675		---	---	---	---
	03U676		---	---	---	---
	03U703		Refer to SW Boundary			
	03U710		Refer to SW Boundary			
	03M003		Refer to SW Boundary			
	03M004		---	---	---	---
	03L003		Refer to SW Boundary			
	03L004		---	---	---	---
	03L027		---	---	---	---
	03L028		---	---	---	---
	03L029		---	---	---	---
	03L078		Refer to SW Boundary			
	03L079		Refer to SW Boundary			
	03L080		---	1(A)	---	---
	03F302		Refer to SW Boundary			
	03F303		Refer to SW Boundary			
	03F312		Refer to SW Boundary			
	04U003		Refer to SW Boundary			
	04U027		---	1(A)	---	---
	PJ#003		Refer to SW Boundary			
	PJ#027		---	---	---	---

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
J	01U003		---	---	---	---
	01U050		---	---	---	---
	01U051		---	---	---	---
	01U053		---	---	---	---
	01U054		---	---	---	---
	01U062		---	---	---	---
	01U524		---	---	---	---
	01U525		---	---	---	---
	01U526		---	1	---	---
01U527		---	---	---	---	
K	01U047		---	---	---	---
	01U048		---	---	---	---
	01U052		---	---	---	---
	01U065		---	---	---	---
	01U128		---	---	---	---
	01U601		---	---	---	---
	01U602		---	---	---	---
	01U603		---	---	---	---
	01U604		---	1(A)	---	---
	01U605		---	---	---	---
	01U607		---	---	---	---
	01U608		---	---	---	---
	01U609		---	---	---	---
	01U611		---	1(A)	---	---
	01U612		---	---	---	---
	01U613		---	---	---	---
	01U615		---	1(A)	---	---
	01U616		---	---	---	---
	01U617		---	1(A)	1(A)	1(A)
	01U618		---	1(A)	---	---
	01U619		---	1(A)	---	---
	01U620		---	---	---	---
	01U621		---	1(A)	1(A)	1(A)
01U622		---	---	---	---	
01U623		---	---	---	---	



TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
K (CONT.)	01U624		---	---	---	---
	01U625		---	---	---	---
	01U626		---	---	---	---
	01U627		---	---	---	---
	01U628		---	---	---	---
	03U013		---	---	---	---
	03U075		---	1(A)	---	---
	03U076		---	---	---	---
	03M013		---	---	---	---
	03L013		---	---	---	---
129-3	03U087		---	1,4	---	---
	03U521		---	---	---	---
129-5	01U072		---	---	---	---
	03U097		---	1	---	---
	03U111		---	---	---	---
	03U129		---	---	---	---
129-15	03U016		---	1,7	---	---
	03U032		---	1,7	1,7	1,7
	03U090		---	1,7	---	---
	03U124		---	1,7	1,7	1,7
	03L091		---	1,7	---	---

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)				
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92	
SOUTHWEST BOUNDARY	01U050		Refer to Site J				
	01U051		Refer to Site J				
	01U053		Refer to Site J				
	01U062		----	----	----	----	
	01U803		----	----	----	----	
	01U805		----	----	----	----	
	01U806		----	----	----	----	
	01U807		----	----	----	----	
	03U001		----	----	----	----	
	03U002		----	----	----	----	
	03U003		----	1(A)	1(A)	1(A)	
	03U021		----	1(A)	----	----	
	03U077		----	1(A)	----	----	
	03U078		----	1(A)	----	----	
	03U079		----	1(A)	----	----	
	03U084		----	1(A)	----	----	
	03U671		----	1(A)	----	----	
	03U672		----	1(A)	1(A)	1(A)	
	03U673(6)		----	1(A)	1(A)	1(A)	
	03U701		----	1(A)	----	----	
	03U702		----	1(A)	----	----	
	03U703		----	1(A)	----	----	
	03U708		----	1(A)	----	----	
	03U709		----	1(A)	----	----	
	03U710		----	1(A)	----	----	
	03U711		----	1(A)	1(A)	1(A)	
	03U801		----	1(A)	----	----	
	03U803		----	----	----	----	
	03U804		----	1(A)	----	----	
	03U805		----	1(A)	----	----	
	03U806(6)		----	1(A)	1(A)	1(A)	
	234357	Phillips Pet.		Refer to Off-Post			

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)				
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92	
SOUTHWEST BOUNDARY (CONT.)	03M001		---	---	---	---	
	03M002		---	---	---	---	
	03M003		---	---	---	---	
	03M713		---	---	---	---	
	03M802		---	1(A)	---	---	
	03M806		---	1(A)	---	---	
	03L001		---	1(A)	1(A)	1(A)	
	03L002		---	1(A)	---	---	
	03L003		---	---	---	---	
	03L021		---	1(A)	---	---	
	03L077		---	1(A)	---	---	
	03L078		---	1(A)	---	---	
	03L079		---	1(A)	---	---	
	03L084		---	1(A)	---	---	
	03L673		---	1(A)	---	---	
	03L802		---	1(A)	1(A)	1(A)	
	03L806		---	1(A)	1(A)	1(A)	
	03F302			1(A)	1(A)	1(A)	1(A)
	03F303			1(A)	1(A)	1(A)	1(A)
	03F304			1(A)	1(A)	1(A)	1(A)
	03F305			1(A)	1(A)	1(A)	1(A)
	03F306			1(A)	1(A)	1(A)	1(A)
	03F307			1(A)	1(A)	1(A)	1(A)
	03F308			1(A)	1(A)	1(A)	1(A)
	03F312			1(A)	1(A)	1(A)	1(A)

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
SOUTHWEST BOUNDARY (CONT.)	04U001		---	1(A)	1(A)	1(A)
	04U002		---	1(A)	---	---
	04U003		---	1(A)	1(A)	1(A)
	04U077		---	1(A)	---	---
	04U673(6)		---	1(A)	1(A)	1(A)
	04U701		---	1(A)	---	---
	04U702		---	1(A)	---	---
	04U708		---	1(A)	---	---
	04U709		---	1(A)	---	---
	04U711		---	1(A)	1(A)	1(A)
	04U713		---	1(A)	---	---
	04U714		---	1(A)	1(A)	1(A)
	04U802		---	1(A)	---	---
	04U806		---	1(A)	1(A)	1(A)
	234319	Hide & Tallow #1	Refer to Off-Post			
	04J077		---	1(A)	---	---
	04J702		---	1(A)	---	---
	04J708		---	1(A)	---	---
	04J713		---	1(A)	---	---
	04J714		---	1(A)	1(A)	1(A)
PJ#003		---	---	---	---	
PJ#309		1(A)	1(A)	1(A)	1(A)	
PJ#310		1(A)	1(A)	1(A)	1(A)	
PJ#311		1(A)	1(A)	1(A)	1(A)	
PJ#313		1(A)	1(A)	1(A)	1(A)	
PJ#802		---	---	---	---	
PJ#806		---	1(A)	---	---	
GRAVEL PIT	03U704		---	1(A)	---	---
	03U705		---	1(A)	1(A)	1(A)
	03U706		---	1(A)	---	---
	03U707		---	1(A)	---	---
	03L522		Not Accessible			
	03L523		---	1	---	---

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
BEDROCK VALLEY	03U005		---	1	---	---
	03M005		---	1	---	---
	03L005		---	1	---	---
	03L081		---	1	---	---
	03L137		---	1	---	---
	03L138		---	1	---	---
MISC. WELLS	01U012		---	---	---	---
	01U044		---	---	---	---
	01U130		Refer to SW Boundary Area			
	01U131		---	---	---	---
	03U006		---	---	---	---
	03U007		---	1	---	---
	03U008		---	---	---	---
	03U009		---	1	---	---
	03U010		---	---	---	---
	03U012		---	---	---	---
	03U031		---	1(A)	---	---
	03M007		---	---	---	---
	03M010		---	---	---	---
	03M012		---	---	---	---
	03L007		---	1	---	---
	03L010		---	---	---	---
	03L012		---	---	---	---
	03L086		---	---	---	---
	04U007		---	1	---	---
	04U012		---	---	---	---
04U510		---	1	---	---	

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
MISC. WELLS (CONT.)	PJ#501		---	---	---	---
	PJ#502		---	---	---	---
	PJ#503		---	---	---	---
	PJ#506		---	---	---	---
	PJ#507		---	---	---	---
	PJ#508		---	---	---	---
OFF-POST     (Lacustrine) (Deposits)	01U803		---	---	---	---
	01U807		---	---	---	---
	01U813		---	---	---	---
	01U901		Refer to Site A			
	01U902		Refer to Site A			
	01L811		---	---	---	---
(Hillside) (Formation)	01L813		---	---	---	---
	01L816		---	---	---	---
	01L821		---	---	---	---
	01L822		---	---	---	---
	01L823		---	---	---	---
(Hillside) (Formation)	234353	Lentsch Ice	---	---	---	---
	234356	Nordquist P43	---	---	---	---
	234357	Phillips Pet.	---	---	---	---
	234425	Lee	Denied Access			
	234430	Cmiel	---	---	---	---
	234463		---	---	---	---

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
OFF-POST (CONT.)  (Upper) (Hillside) (Formation)	03U672		Refer to SW Boundary Area			
	03U673		Refer to SW Boundary Area			
	03U711		Refer to SW Boundary Area			
	03U801		Refer to SW Boundary Area			
	03U803		Refer to SW Boundary Area			
	03U804		Refer to SW Boundary Area			
	03U805		Refer to SW Boundary Area			
	03U806		Refer to SW Boundary Area			
	03U811		----	1	----	----
	03U815		----	----	----	----
	03U821		----	1	----	----
	03U822		----	1,7	----	----
	03U824		----	1	----	----
	03U831		----	1	----	----
	03U832		----	1	----	----
	409550	PCA6U3	----	1	----	----
409595		----	----	----	----	
409596	BS118U3	----	1	----	----	
409598		----	1	----	----	
(Middle) (Hillside) (Formation)	03M802		Refer to SW Boundary Area			
	03M806		Refer to SW Boundary Area			
	03M843		----	1,7	1,7	1,7
	03M848		----	1,7	1,7	1,7
(Lower) (Hillside) (Formation)	03L673		Refer to SW Boundary Area			
	03L802		Refer to SW Boundary Area			
	03L806		Refer to SW Boundary Area			
	03L809		----	1	----	----
	03L811		----	1	----	----
	03L813		----	----	----	----
	03L822		----	1	----	----
	03L832		----	1	----	----
03L841		----	1	----	----	

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
OFF-POST (CONT.)						
(Lower)	03L846		---	1	---	---
(Hillside)	03L848		---	1	---	---
(Formation)	03L853		---	1	---	---
	03L854		---	1	---	---
	03L856		---	1	---	---
	03L858		---	1	---	---
	03L859		---	1	---	---
	03L860		---	1	---	---
	03L861		---	1,7	---	---
	409546	PCA2L3	---	1,7	---	---
	409556	PCA4L3	---	1	---	---
	409557	PCA1L3	---	1	---	---
	409597	BS118L3	---	1	---	---
(St.)						
(Peter)	200814	Amer. Linen	---	---	---	---
(Formation)						
(Prairie)	04U673		Refer to SW Boundary Area			
(du Chien)	04U711		Refer to SW Boundary Area			
(Formation)	04U802		Refer to SW Boundary Area			
	04U806		Refer to SW Boundary Area			
	04U821		---	1	1	1
	04U832		---	1	---	---
	04U841		---	1	---	---
	04U843		---	1	---	---
	04U844		---	1	---	---
	04U845		---	1	---	---
	04U846		---	1	---	---
	04U847		---	1	1	1
	04U848		---	1	---	---
	04U849		---	1	---	---



TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
OFF-POST (CONT.)	04U850		---	1	---	---
	04U851		---	1	---	---
	04U852		---	1	---	---
	04U854		---	---	---	---
	04U855		---	1	---	---
	04U859		---	1	---	---
	04U860		---	1	---	---
	04U861		---	1	---	---
	04U871		---	1,7	---	---
	04U872		---	1,7	---	---
	04U875		---	1,7	---	---
	04U877		---	1	---	---
	04U879		---	1,7	---	---
	04U880		---	1	---	---
	04U881		---	1,7	---	---
	04U882		---	1,7	---	---
	04U883		---	1,7	---	---
	139035	Watergate Marina	---	---	---	---
	191942	Model Stone	---	---	---	---
	200154	UM Golf Course	---	---	---	---
	200524	St. Anthony #5	Denied Access			
	200803	St. Anthony #4	Denied Access			
	200804	St. Anthony #3	Denied Access			
	200812	Gross Golf	---	1,7	1,7	1,7
	206787	MV High School	---	1,7	---	---
	206791	New Brighton #7	---	1	---	---
	206793	New Brighton #3	---	1	---	---
	206797	New Brighton #6	---	1	---	---
	233221	Reuben Meats	---	1	---	---
	233533	Roselawn Cem.	---	---	---	---
	234319	Hide & Tallow #1	---	---	---	---
	234337		---	---	---	---
	234547	Hnywell Ridgway	---	1	---	---
	236122	NWRU4	---	1	---	---
	409547	PCA1U4	---	1	---	---
	409548	PCA2U4	---	1,7	---	---
409549	PCA3U4	---	1	1	1	
409555	PCA5U4	---	---	---	---	
500691	04U414	---	1	---	---	
508115	04U322	---	1	---	---	

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
OFF-POST (CONT.)						
(Prairie) (du Chien) (/Jordan) (Formation)	PJ#318 PJ#802 PJ#806 200148	Paper Calmerson	---	1	---	
			Refer to SW Boundary Area			
			Refer to SW Boundary Area			
			Pump Decommissioned - No Access			
(Jordan) (Formation)	201082	NW Hospital	---	---	---	---
(Unknown) (Formation)	134318 200264 206688 233222 234335 234546 235539 235735 405651 BOYLE	Seutter Cloverpond Lowry Gr. Trail. Mengelkoch #1 Hnywell Ridgway Flour City Arch Metal-Matic	---	---	---	---
			Denied Access			
			---	1	---	---
			---	1	---	---

## NOTES:

- (1) The numbers represent analytical parameter categories. The individual parameters within each category are outlined in Appendix E.
- (2) Per an MPCA request, wells 01U105, 01U106, and 01U119 will be sampled in place of 01U107 and 01U118 for Quarter 34. Subsequent monitoring will revert back to 01U107 and 01U118 unless the analytical results dicte otherwise.
- (3) Well being sampled monthly as part of Site A Interim Remedial Action.
- (4) The following metals; Arsenic, Barium, Cadmium, Chromium, Lead and Nickel are being sampled for and not the entire Category 2 parameter list.

TABLE 11

## FISCAL YEAR 1992 GROUNDWATER QUALITY MONITORING PLAN

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
-----						

- (5) Just Total Phosphates from Category 4 will be analyzed.  
 (6) Per an MPCA request, wells 03U673, 03U806, and 04U673 will be sampled three times rather than once during FY 1992. Subsequent monitoring will revert back to annual monitoring unless the analytical results dictate otherwise.

(A) Indicates that the sampling will be conducted by Alliant Techsystems, Inc.

**TABLE 12**

**Interim Remedial Action System Monitoring**

TABLE 12

## INTERIM REMEDIAL ACTION (IRA) SYSTEM MONITORING

**TGRS**

<u>Location</u>	<u>Sampling Frequency</u>	<u>Parameters</u>
Treatment System Influent	Monthly	Cat. 1
Treatment System Effluent	Monthly	Cat. 1, Arsenic, Lead, Mercury, Cadmium, Chromium, Copper, Nickel, Zinc and pH
	Annually	Priority Pollutants

**SITE A**

<u>Location</u>	<u>Sampling Frequency</u>	<u>Parameters</u>
Treatment System Influent (Well 01U350)	Monthly	Cat. 1, Cat. 2, Total and Ortho Phosphorus, Nitrogen (nitrate + nitrite), zinc
Treatment System Effluent	Monthly	Cat. 1, Cat. 2, Total and Ortho Phosphorus, Nitrogen (nitrate + nitrite), zinc
Between Carbon Vessels of Treatment Plant	Monthly	Cat. 1, Cat. 2, Total and Ortho Phosphorus, Nitrogen (nitrate + nitrite), zinc

**SITE K**

<u>Location</u>	<u>Sampling Frequency</u>	<u>Parameters</u>
Treatment System Influent	Quarterly	CH <sub>2</sub> CL <sub>2</sub> , 111TCE, 11DCLE, T12DCE, TRCLE, CCL <sub>4</sub>
Treatment System Effluent	Monthly	Ortho and Total Phosphorus
	Quarterly	Lead, Zinc, Chromium, Copper, CH <sub>2</sub> CL <sub>2</sub> , 111TCE, 11DCLE, T12DCE, TRCLE, CCL <sub>4</sub>

Note: Parameter lists for Categories 1, 2, and 4 are presented in Appendix E.

**TABLE 13**

**FY 92 Groundwater Level Monitoring Plan**

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
A	01U038		---	X	---	---
	01U039		---	X	---	---
	01U040		---	X	---	---
	01U041		---	X	---	---
	01U063		---	X	---	---
	01U067		---	X	---	---
	01U102		---	X	X	X
	01U103		---	X	---	---
	01U104		---	X	---	---
	01U105		---	X	---	---
	01U106		---	X	---	---
	01U107		---	X	---	---
	01U108		---	X	X	X
	01U109		---	X	---	---
	01U110		---	X	---	---
	01U115		---	X	X	X
	01U116		---	X	---	---
	01U117		---	X	---	---
	01U118		---	X	---	---
	01U119		---	X	---	---
	01U120		---	X	---	---
	01U125		---	X	---	---
	01U126		---	X	---	---
	01U127		---	X	---	---
	01U133		---	X	---	---
	01U135		---	X	---	---
	01U136		---	X	---	---
	01U350		---	X	X	X
	01U901		---	X	---	---
	01U902		---	X	X	X
	134318		---	---	---	---
	MNDOT		---	X	---	---
03U023		---	X	---	---	
03L529		---	---	---	---	

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)				
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92	
B	01U011		---	X	---	---	
	01U022		---	X	---	---	
	01U033		---	X	---	---	
	01U034		---	X	---	---	
	01U035		---	X	---	---	
	01U036		---	X	---	---	
	01U037		---	X	---	---	
	01U100		---	X	---	---	
	01U101		---	X	---	---	
	01U122		---	X	---	---	
	03U011		---	X	---	---	
	03U022		---	X	---	---	
	03U082		---	X	---	---	
	C	01U043		---	X	---	---
		01U045		---	X	---	---
01U046			---	X	---	---	
01U085			---	X	---	---	
03U024			---	X	---	---	
03U025			---	X	---	---	
03U083			---	X	---	---	
D	03U017		---	X(A)	---	X(A)	
	03U018		---	X(A)	---	X(A)	
	03U093		---	X(A)	X(A)	X(A)	
	03U096		---	X(A)	---	X(A)	
	03U316		X(A)	X(A)	X(A)	X(A)	
	03U317		X(A)	X(A)	X(A)	X(A)	
	03U716		---	X	X	X	
	03M017		---	X(A)	---	X(A)	
	03L017		---	X(A)	---	X(A)	
	03L018		---	X(A)	---	X(A)	



TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
E	03U015		---	X	---	---
	03U088		---	X	---	---
	03U089		---	X	---	---
	03U704		Refer to Gravel Pit area			
F	03U019		---	X	---	---
	03U026		---	X	---	---
	03U090		Refer to Site 129-15			
	03U092		---	X	X	X
	03U112		---	X	---	---
	03U113		---	X	---	---
	03U114		---	X	X	X
	03U121		---	X	---	---
	03L113		---	X	---	---
	03L137		Refer to Bedrock Valley			
G	03U014		X(A)	X(A)	X(A)	X(A)
	03U020		X(A)	X(A)	X(A)	X(A)
	03U094		---	X(A)	---	X(A)
	03U314		X(A)	X(A)	X(A)	X(A)
	03U315		X(A)	X(A)	X(A)	X(A)
	03U715		X(A)	X(A)	X(A)	X(A)
	03M020		X(A)	X(A)	X(A)	X(A)
	03L014		---	X(A)	---	X(A)
	03L020		X(A)	X(A)	X(A)	X(A)
	04U020		X(A)	X(A)	X(A)	X(A)
	PJ#074		---	---	---	---
	PJ#508		Refer to Misc. Wells			

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
H	01U060		---	X	---	---
	01U098		---	X	---	---
	03U099		---	X	---	---
I	01U003		Refer to Site J			
	01U004		---	---	---	---
	01U053		Refer to Site J			
	01U054		---	---	---	---
	01U064		---	X(A)	---	X(A)
	01U132		---	---	---	---
	01U631		---	---	---	---
	01U632		---	---	---	---
	01U634		---	---	---	---
	01U635		---	---	---	---
	01U636		---	X(A)	---	X(A)
	01U638		---	---	---	---
	01U639		---	X(A)	---	X(A)
	01U640		---	X(A)	---	X(A)
	01U642		---	---	---	---
	01U652		---	---	---	---
	01U666		---	---	---	---
	01U667		---	---	---	---
	01U668		---	---	---	---
	01U675		---	---	---	---
	03U003		Refer to SW Boundary			
	03U004		---	X(A)	---	X(A)
	03U027		---	X(A)	---	X(A)
	03U028		---	X(A)	---	X(A)
	03U029		---	X(A)	---	X(A)
	03U030		---	X(A)	---	X(A)
	03U078		Refer to SW Boundary			
03U079		Refer to SW Boundary				
03U301		X(A)	X(A)	X(A)	X(A)	
03U528		---	---	---	---	

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
I (CONT.)	03U647		---	X(A)	---	X(A)
	03U648		---	X(A)	---	X(A)
	03U658		---	X(A)	---	X(A)
	03U659		---	X(A)	---	X(A)
	03U672		Refer to SW Boundary			
	03U674		---	X(A)	---	X(A)
	03U675		---	---	---	---
	03U676		---	---	---	---
	03U703		Refer to SW Boundary			
	03U710		Refer to SW Boundary			
	03M003		Refer to SW Boundary			
	03M004		---	X(A)	---	X(A)
	03L003		Refer to SW Boundary			
	03L004		---	X(A)	---	X(A)
	03L027		---	X(A)	---	X(A)
	03L028		---	X(A)	---	X(A)
	03L029		---	X(A)	---	X(A)
	03L078		Refer to SW Boundary			
	03L079		Refer to SW Boundary			
	03L080		---	X(A)	---	X(A)
	03F302		X(A)	X(A)	X(A)	X(A)
	03F303		X(A)	X(A)	X(A)	X(A)
	03F312		X(A)	X(A)	X(A)	X(A)
	04U003		Refer to SW Boundary			
	04U027		---	X(A)	---	X(A)
	PJ#003		Refer to SW Boundary			
	PJ#027		---	X(A)	---	X(A)

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
J	01U003		---	X	---	---
	01U050		---	X	---	---
	01U051		---	X	---	---
	01U053		---	X	---	---
	01U054		---	X	---	---
	01U062		---	X	---	---
	01U524		---	X	---	---
	01U525		---	X	---	---
	01U526		---	X	---	---
	01U527		---	X	---	---
K	01U047		---	X(A)	---	X(A)
	01U048		---	X(A)	---	X(A)
	01U052		---	X(A)	---	X(A)
	01U065		---	X(A)	---	X(A)
	01U128		---	X(A)	---	X(A)
	01U601		---	X(A)	---	X(A)
	01U602		---	X(A)	---	X(A)
	01U603		---	X(A)	---	X(A)
	01U604		---	X(A)	---	X(A)
	01U605		---	X(A)	---	X(A)
	01U607		---	X(A)	---	X(A)
	01U608		---	X(A)	---	X(A)
	01U609		---	X(A)	---	X(A)
	01U611		---	X(A)	---	X(A)
	01U612		---	X(A)	---	X(A)
	01U613		---	X(A)	---	X(A)
	01U615		---	X(A)	---	X(A)
	01U616		---	X(A)	---	X(A)
	01U617		---	X(A)	X(A)	X(A)
	01U618		---	X(A)	---	X(A)
	01U619		---	X(A)	---	X(A)
	01U620		---	X(A)	---	X(A)
	01U621		---	X(A)	X(A)	X(A)
	01U622		---	X(A)	---	X(A)
	01U623		---	X(A)	---	X(A)
	01U624		---	X(A)	---	X(A)
	01U625		---	X(A)	---	X(A)
	01U626		---	X(A)	---	X(A)
01U627		---	X(A)	---	X(A)	
	01U628		---	X(A)	---	X(A)

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
K (CONT.)	03U013		---	X(A)	---	X(A)
	03U075		---	X(A)	---	X(A)
	03U076		---	X(A)	---	X(A)
	03M013		---	X(A)	---	X(A)
	03L013		---	X(A)	---	X(A)
129-3	03U087		---	X	---	---
	03U521		---	X	---	---
129-5	01U072		---	X	---	---
	03U097		---	X	---	---
	03U111		---	X	---	---
	03U129		---	X	---	---
129-15	03U016		---	X	---	---
	03U032		---	X	X	X
	03U090		---	X	---	---
	03U124		---	X	X	X
	03L091		---	X	---	---
SOUTHWEST BOUNDARY	01U050		Refer to Site J			
	01U051		Refer to Site J			
	01U053		Refer to Site J			
	01U062		---	X	---	---
	01U803		---	---	---	---
	01U805		---	---	---	---
	01U806		---	---	---	---
	01U807		---	---	---	---
	03U001		X(A)	X(A)	X(A)	X(A)
	03U002		X(A)	X(A)	X(A)	X(A)
	03U003		X(A)	X(A)	X(A)	X(A)
	03U021		---	X(A)	---	X(A)
	03U077		---	X(A)	---	X(A)
	03U078		---	X(A)	---	X(A)
03U079		---	X(A)	---	X(A)	
03U084		---	X(A)	---	X(A)	

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)				
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92	
SOUTHWEST BOUNDARY (CONT.)	03U671		---	X(A)	---	X(A)	
	03U672		X(A)	X(A)	X(A)	X(A)	
	03U673		X(A)	X(A)	X(A)	X(A)	
	03U701		---	X(A)	---	X(A)	
	03U702		---	X(A)	---	X(A)	
	03U703		---	X(A)	---	X(A)	
	03U708		---	X(A)	---	X(A)	
	03U709		---	X(A)	---	X(A)	
	03U710		---	X(A)	---	X(A)	
	03U711		X(A)	X(A)	X(A)	X(A)	
	03U801		X(A)	X(A)	X(A)	X(A)	
	03U803		---	---	---	---	
	03U804		---	X(A)	---	X(A)	
	03U805		---	X(A)	---	X(A)	
	03U806		X(A)	X(A)	X(A)	X(A)	
	234357	Phillips Pet.	Refer to Off-Post				
		03M001		X(A)	X(A)	X(A)	X(A)
		03M002		X(A)	X(A)	X(A)	X(A)
		03M003		X(A)	X(A)	X(A)	X(A)
	03M713		X(A)	X(A)	X(A)	X(A)	
	03M802		X(A)	X(A)	X(A)	X(A)	
	03M806		X(A)	X(A)	X(A)	X(A)	
	03L001		X(A)	X(A)	X(A)	X(A)	
	03L002		X(A)	X(A)	X(A)	X(A)	
	03L003		X(A)	X(A)	X(A)	X(A)	
	03L021		---	X(A)	---	X(A)	
	03L077		---	X(A)	---	X(A)	
	03L078		---	X(A)	---	X(A)	
	03L079		---	X(A)	---	X(A)	
	03L084		---	X(A)	---	X(A)	
	03L673		X(A)	X(A)	X(A)	X(A)	
	03L802		X(A)	X(A)	X(A)	X(A)	
	03L806		X(A)	X(A)	X(A)	X(A)	

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
SOUTHWEST BOUNDARY (CONT.)	03F302		X(A)	X(A)	X(A)	X(A)
	03F303		X(A)	X(A)	X(A)	X(A)
	03F304		X(A)	X(A)	X(A)	X(A)
	03F305		X(A)	X(A)	X(A)	X(A)
	03F306		X(A)	X(A)	X(A)	X(A)
	03F307		X(A)	X(A)	X(A)	X(A)
	03F308		X(A)	X(A)	X(A)	X(A)
	03F312		X(A)	X(A)	X(A)	X(A)
	04U001		X(A)	X(A)	X(A)	X(A)
	04U002		X(A)	X(A)	X(A)	X(A)
	04U003		X(A)	X(A)	X(A)	X(A)
	04U077		---	X(A)	---	X(A)
	04U673		X(A)	X(A)	X(A)	X(A)
	04U701		---	X(A)	---	X(A)
	04U702		---	X(A)	---	X(A)
	04U708		---	X(A)	---	X(A)
	04U709		---	X(A)	---	X(A)
	04U711		X(A)	X(A)	X(A)	X(A)
	04U713		X(A)	X(A)	X(A)	X(A)
	04U714		X(A)	X(A)	X(A)	X(A)
	04U802		X(A)	X(A)	X(A)	X(A)
04U806		X(A)	X(A)	X(A)	X(A)	
234319	Hide & Tallow #1		Refer to Off-Post			
	04J077		---	X(A)	---	X(A)
	04J702		---	X(A)	---	X(A)
	04J708		---	X(A)	---	X(A)
	04J713		X(A)	X(A)	X(A)	X(A)
	04J714		X(A)	X(A)	X(A)	X(A)
	PJ#003		X(A)	X(A)	X(A)	X(A)
	PJ#309		X(A)	X(A)	X(A)	X(A)
	PJ#310		X(A)	X(A)	X(A)	X(A)
	PJ#311		X(A)	X(A)	X(A)	X(A)
	PJ#313		X(A)	X(A)	X(A)	X(A)
	PJ#802		X(A)	X(A)	X(A)	X(A)
	PJ#806		X(A)	X(A)	X(A)	X(A)

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
GRAVEL PIT	03U704		---	X(A)	---	---
	03U705		---	X(A)	---	---
	03U706		X(A)	X(A)	X(A)	X(A)
	03U707		---	X(A)	---	X(A)
	03L522		Not Accessible			
	03L523		---	X	---	---
	Staff Guage 1			X(A)		X(A)
	Staff Guage 2			X(A)		X(A)
	Staff Guage 3			X(A)		X(A)
	BEDROCK VALLEY	03U005		---	X	---
03M005			---	X	---	---
03L005			---	X	---	---
03L081			---	X	---	---
03L137			---	X	X	X
03L138			---	X	X	X
MISC. WELLS	01U012		---	X	---	---
	01U044		---	X	---	---
	01U130		---	X	---	---
	01U131		---	---	---	---
	03U006		---	X	---	---
	03U007		---	X	---	---
	03U008		---	X	---	---
	03U009		---	X	---	---
	03U010		---	X	---	---
	03U012		X(A)	X(A)	X(A)	X(A)
	03U031		---	X(A)	---	X(A)
	03M007		---	X	---	---
	03M010		---	X	---	---
	03M012		X(A)	X(A)	X(A)	X(A)



TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
MISC. WELLS (CONT.)	03L007		---	X	---	---
	03L010		---	X	---	---
	03L012		X(A)	X(A)	X(A)	X(A)
	03L086		---	X	---	---
	04U007		---	X	---	---
	04U012		X(A)	X(A)	X(A)	X(A)
	04U510		---	X	---	---
	PJ#501		---	---	---	---
	PJ#502		---	---	---	---
	PJ#503		---	---	---	---
	PJ#506		---	---	---	---
	PJ#507		---	---	---	---
	PJ#508		---	---	---	---
	OFF-POST  (Lacustrine) (Deposits)	01U803		---	---	---
01U807			---	---	---	---
01U813			---	---	---	---
01U901			Refer to Site A			
01U902			Refer to Site A			
01L811			---	X	---	---
01L813			---	X	---	---
01L816			---	X	---	---
01L821			---	X	---	---
01L822			---	X	---	---
01L823		---	X	---	---	
(Hillside) (Formation)	234353	Lentsch Ice	---	---	---	---
	234356	Nordquist P43	---	---	---	---
	234357	Phillips Pet.	---	---	---	---
	234425	Lee	Denied Access			
	234430	Cmiel	---	---	---	---
	234463		---	---	---	---

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
OFF-POST (CONT.)						
(Upper)	03U672		Refer to SW Boundary Area			
(Hillside)	03U673		Refer to SW Boundary Area			
(Formation)	03U711		Refer to SW Boundary Area			
	03U801		Refer to SW Boundary Area			
	03U803		Refer to SW Boundary Area			
	03U804		Refer to SW Boundary Area			
	03U805		Refer to SW Boundary Area			
	03U806		Refer to SW Boundary Area			
	03U811		---	X	---	---
	03U815		---	X	---	---
	03U821		---	X	---	---
	03U822		---	X	---	---
	03U824		---	X	---	---
	03U831		---	X	---	---
	03U832		---	X	---	---
	409550	PCA6U3	---	X	---	---
	409595		---	X	---	---
	409596	BS118U3	---	X	---	---
	409598		---	X	---	---
(Middle)	03M802		Refer to SW Boundary Area			
(Hillside)	03M806		Refer to SW Boundary Area			
(Formation)	03M843		---	X	X	X
	03M848		---	X	X	X

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
(Lower) (Hillside) (Formation)	03L673		Refer to SW Boundary Area			
	03L802		Refer to SW Boundary Area			
	03L806		Refer to SW Boundary Area			
	03L809		---	X	---	---
	03L811		---	X	---	---
	03L813		---	X	---	---
	03L822		---	X	---	---
	03L832		---	X	---	---
	03L841		---	X	---	---
	03L846		---	X	---	---
	03L848		---	X	---	---
	03L853		---	X	---	---
	03L854		---	X	---	---
	03L856		---	X	---	---
	03L858		---	X	---	---
	03L859		---	X	---	---
	03L860		---	X	---	---
	03L861		---	X	---	---
	409546	PCA2L3	---	X	---	---
	409556	PCA4L3	---	X	---	---
409557	PCA1L3	---	X	---	---	
409597	BS118L3	---	X	---	---	
(St.) (Peter) (Formation)	200814	Amer. Linen	---	---	---	---
(Prairie) (du Chien) (Formation)	04U673		Refer to SW Boundary Area			
	04U711		Refer to SW Boundary Area			
	04U802		Refer to SW Boundary Area			
	04U806		Refer to SW Boundary Area			
	04U821		---	X	X	X
	04U832		---	X	---	---
	04U841		---	X	---	---
	04U843		---	X	---	---
	04U844		---	X	---	---
	04U845		---	X	---	---
	04U846		---	X	---	---
	04U847		---	X	X	X
	04U848		---	X	---	---
	04U849		---	X	---	---

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)				
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92	
OFF-POST (CONT.)	04U850		---	X	---	---	
	04U851		---	X	---	---	
	04U852		---	X	---	---	
	04U854		---	X	---	---	
	04U855		---	X	---	---	
	04U859		---	X	---	---	
	04U860		---	X	---	---	
	04U861		---	X	---	---	
	04U871		---	X	---	---	
	04U872		---	X	---	---	
	04U875		---	X	---	---	
	04U877		---	X	---	---	
	04U879		---	X	---	---	
	04U880		---	X	---	---	
	04U881		---	X	---	---	
	04U882		---	X	---	---	
	04U883		---	X	---	---	
	139035	Watergate Marina	---	---	---	---	
	191942	Model Stone	---	---	---	---	
	200154	UM Golf Course	---	---	---	---	
	200524	St. Anthony #5	Denied Access				
	200803	St. Anthony #4	Denied Access				
	200804	St. Anthony #3	Denied Access				
	200812	Gross Golf	---	Not Accessible			---
	206787	MV High School	---	X(2)	---	---	
	206791	New Brighton #7	---	X(2)	---	---	
	206793	New Brighton #3	---	X(2)	---	---	
	206797	New Brighton #6	---	X(2)	---	---	
	233221	Reuben Meats	---	X(2)	---	---	
	233533	Roselawn Cem.	---	---	---	---	
	234319	Hide & Tallow #1	---	---	---	---	
	234337		---	---	---	---	
	234547	Hnywell Ridgway	---	X(2)	---	---	
	236122	NWRU4	---	X(2)	---	---	
	409547	PCA1U4	---	X	---	---	
	409548	PCA2U4	---	X	---	---	
	409549	PCA3U4	---	X	X	X	
	409555	PCA5U4	---	X	---	---	
	500691	04U414	---	X	---	---	
	508115	04U322	---	X	---	---	

TABLE 13

## FISCAL YEAR 1992 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency (1)			
			Q33 12/91	Q34 3/92	Q35 6/92	Q36 9/92
OFF-POST (CONT.)						
(Prairie)	PJ#318		---	X	---	---
(du Chien)	PJ#802		Refer to SW Boundary Area			
(/Jordan)	PJ#806		Refer to SW Boundary Area			
(Formation)	200148	Paper Calmerson	Pump Decommissioned - No Access			
(Jordan)	201082	NW Hospital	---	---	---	---
(Formation)						
(Unknown)	134318	Seutter	---	---	---	---
(Formation)	200264		---	---	---	---
	206688	Cloverpond	Denied Access			
	233222	Lowry Gr. Trail.	---	---	---	---
	234335	Mengelkoch #1	---	---	---	---
	234546	Hnywell Ridgway	---	X(2)	---	---
	235539		---	---	---	---
	235735	Flour City Arch	---	---	---	---
	405651	Metal-Matic	---	X(2)	---	---
	BOYLE		---	---	---	---

## NOTES:

- (1) "X" denotes a water level measurement.  
(2) Water level will be measured if the wellhead is accessible.  
(A) Indicates that the sampling will be conducted by Alliant Technosystems, Inc.

**TABLE 14**

National Pollutant Discharge Elimination System (NPDES) Monitoring Plan

TABLE 14

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MONITORING PLAN

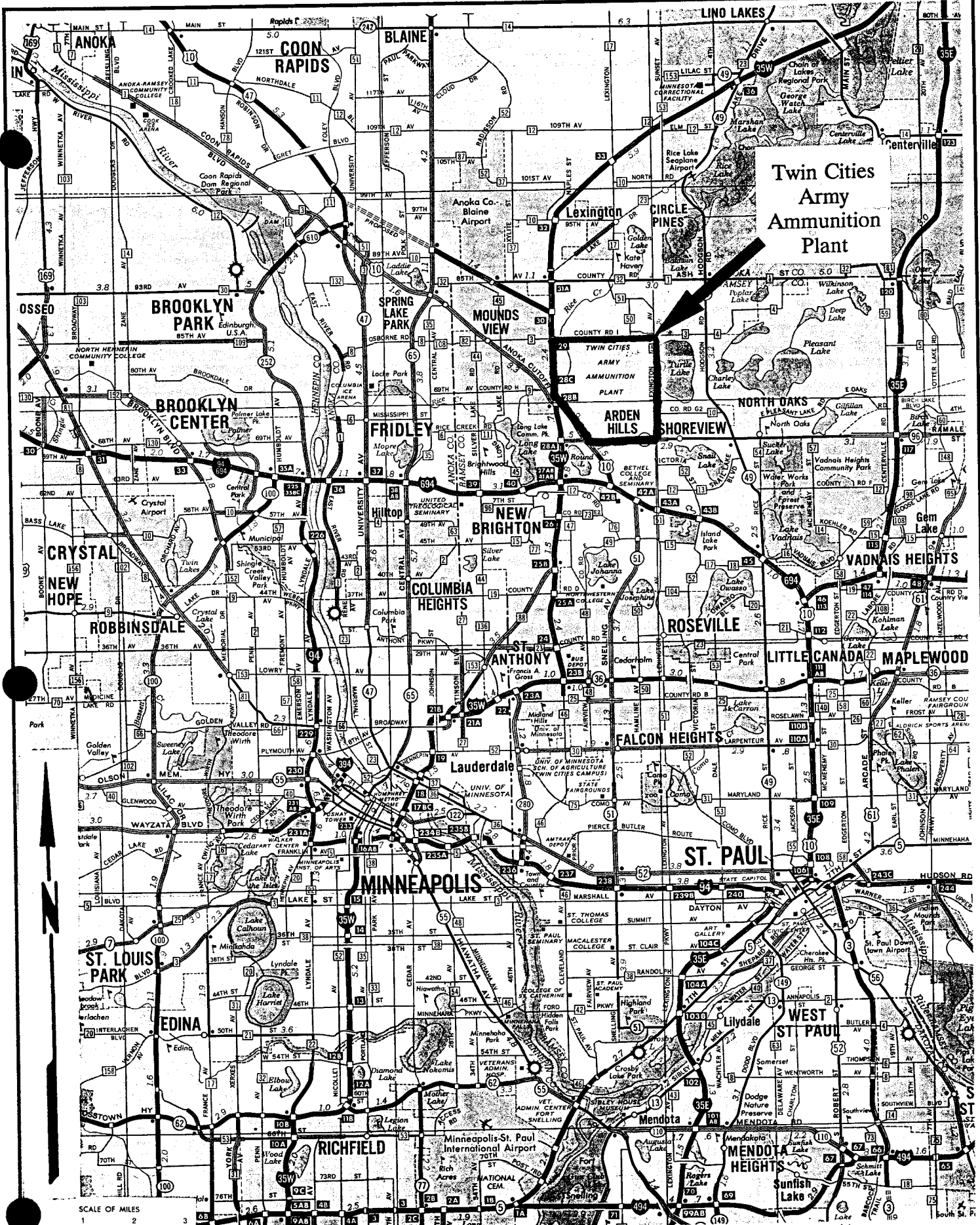
SAMPLE LOCATIONS  
(GRAB SAMPLING)  
(See FCC DWG. No. 46814)

SAMPLE POINT >>>	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	FIELD	D. I.
***OLD DESIGNATION***	20500	20700	20200	20300	20400	20800	20100	20900	21000	21100	21200	21300	21400	21600		WATER	WATER	
	A	B	C	D	E	F	G	H	I	J	K	L	M	P				
	ROUND LAKE	RICE CREEK	BLDS 103/114	BLDG 113/115	BLDG 104/116	RICE CREEK	MARSDEN LAKE	RICE CREEK	RICE CREEK	CULVERT AREA	N INLET LEINGTN	MID INLET LEINGTN	S INLET LEINGTN	HAMLIN	BLANK	BLANK	BLANK	
ANALYSIS	UNITS	OUTFALL	IN	OUTFALL	OUTFALL	OUT	OUT	& LEI	& LONG LK	RUNOFF	RUNOFF	RUNOFF	RUNOFF	RUNOFF				
VOLUME	GAL/DAY	MM	000	MM	MM	MM	MM	MM	EST	EST	EST	EST	EST	EST	EST	III	III	
pH	-	MM	000	MM	MM	MM	MM	MM	000	000	000	AAA	AAA	AAA	AAA	MM	MM	
SUSPENDED SOLIDS	MG/L	MM	000	MM	MM	MM	MM	MM	000	000	000	AAA	AAA	AAA	AAA	MM	MM	
CHEMICAL OXYGEN DEMAND	MG/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
TOTAL ORGANIC CARBON	MG/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
BIOLOGICAL OXYGEN DEMAND	MG/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
DISSOLVED OXYGEN	MG/L	MM	000	MM	MM	MM	MM	MM	000	000	000	AAA	AAA	AAA	AAA	MM	MM	
FECAL COLIFORM BACTERIA	No./100ml	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
OIL	MG/L	MM	000	MM	MM	MM	MM	MM	000	000	000	AAA	AAA	AAA	AAA	MM	MM	
AMMONIA	MG/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
CYANIDE	MG/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
CADMIUM	MG/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
CHLORIDE	MG/L	MM	000	MM	MM	MM	MM	MM	000	000	000	AAA	AAA	AAA	AAA	MM	MM	
CHROMIUM (TOTAL)	MG/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
COPPER	MG/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
LEAD	MG/L	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	
MERCURY	ug/L	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	
NICKEL	MG/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
PHOSPHORUS (TOTAL)	MG/L	MM	000	MM	MM	MM	MM	MM	000	000	000	AAA	AAA	AAA	AAA	MM	MM	
PHOSPHORUS (ORTHO)	MG/L	MM	000	MM	MM	MM	MM	MM	000	000	000	AAA	AAA	AAA	AAA	MM	MM	
SILVER	MG/L	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	
ZINC	MG/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
TRICHLOROETHYLENE	ug/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
1,1,1-TRICHLOROETHANE	ug/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
METHYLENE CHLORIDE	ug/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
1,1-DICHLOROETHYLENE	ug/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
1,1-DICHLOROETHANE	ug/L	000	000	000	000	000	000	000	000	000	000	AAA	AAA	AAA	AAA	000	000	
POLYCHLORINATED BIPHENYLS	ug/L	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	
GROSS ALPHA	pCur/L	000	000	AAA	000	AAA	000	000	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	000	
GROSS BETA	pCur/L	000	000	AAA	000	AAA	000	000	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	000	
GAMA SPECTRAL ANALYSIS	pCur/L	000	000	AAA	000	AAA	000	000	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	000	
24-HR pH METER/RECORDER	-	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	AAA	III	III	

- III - No analysis required
- MM - Analysis required monthly. At least two of the monthly samples are to be collected after/during rainfall of at least 0.5 inches
- 000 - Analysis required quarterly
- AAA - Analysis required annually (May, 1990)
- EST - Estimated, Quarterly







**Twin Cities  
Army  
Ammunition  
Plant**

**TWIN CITIES ARMY AMMUNITION PLANT**

Site Location Map



Wenck Associates, Inc.

Consulting Engineers

1800 Pioneer Creek Dr.  
Maple Plain, MN 55359

JUL 1991

Fig. 1

SCALE OF MILES  
ONE INCH EQUALS APPROX. 2.5 MILES

# GROUNDWATER HYDROGRAPHS

## TWIN CITIES ARMY AMMUNITION PLANT

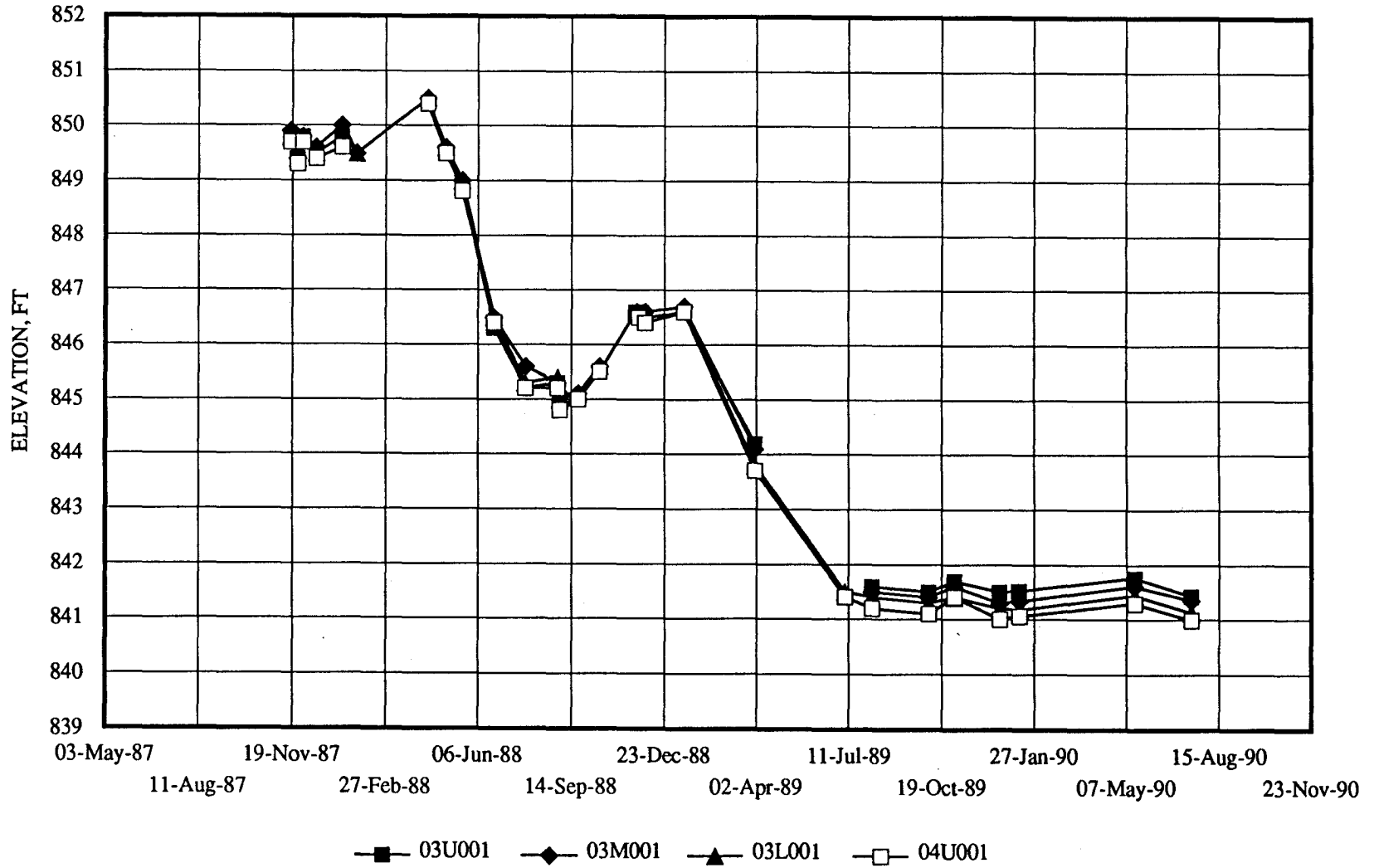


Figure 2  
WENCK ASSOCIATES, INC.

# GROUNDWATER HYDROGRAPHS

TWIN CITIES ARMY AMMUNITION PLANT

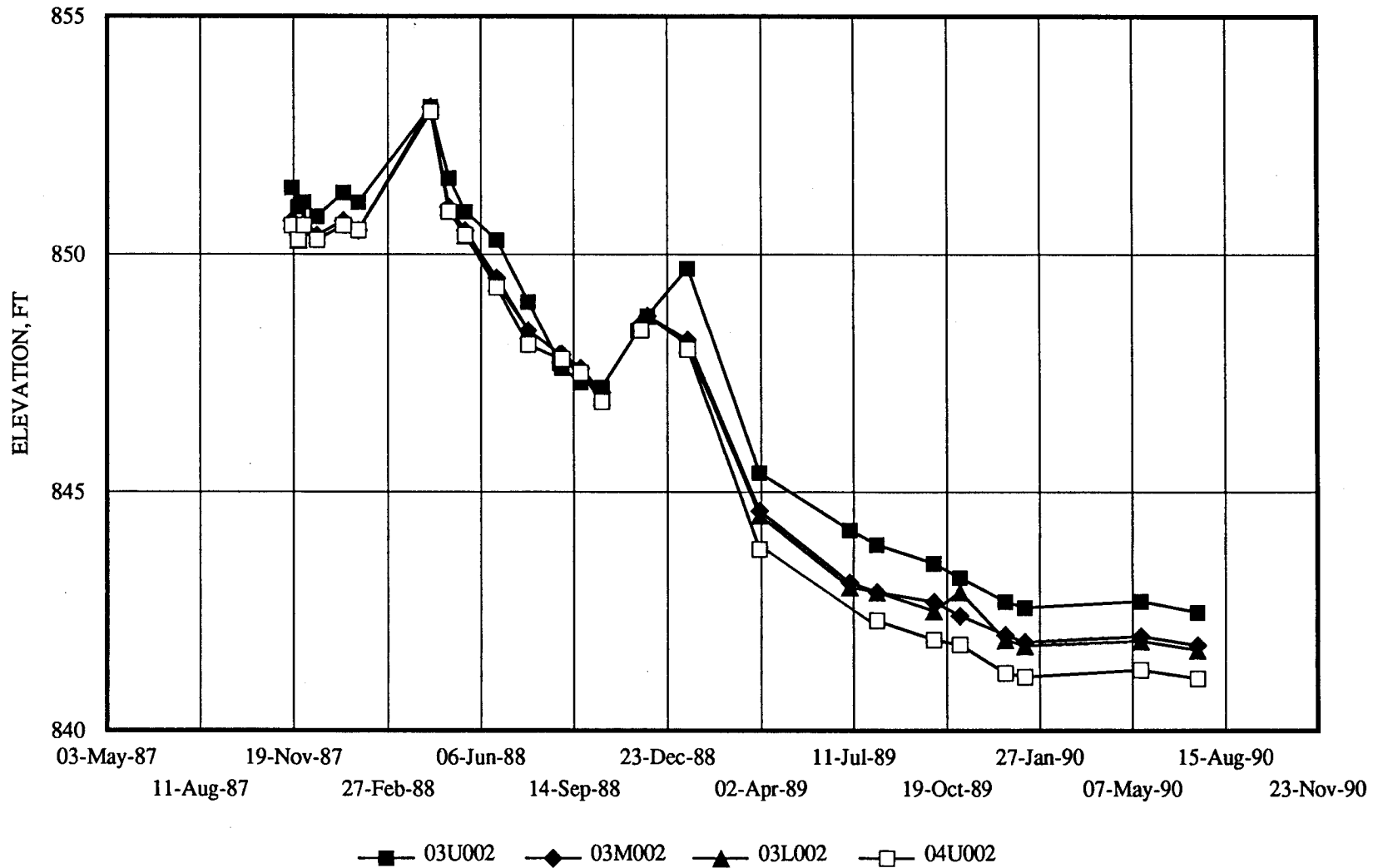


Figure 3  
WENCK ASSOCIATES, INC.

# GROUNDWATER HYDROGRAPHS

TWIN CITIES ARMY AMMUNITION PLANT

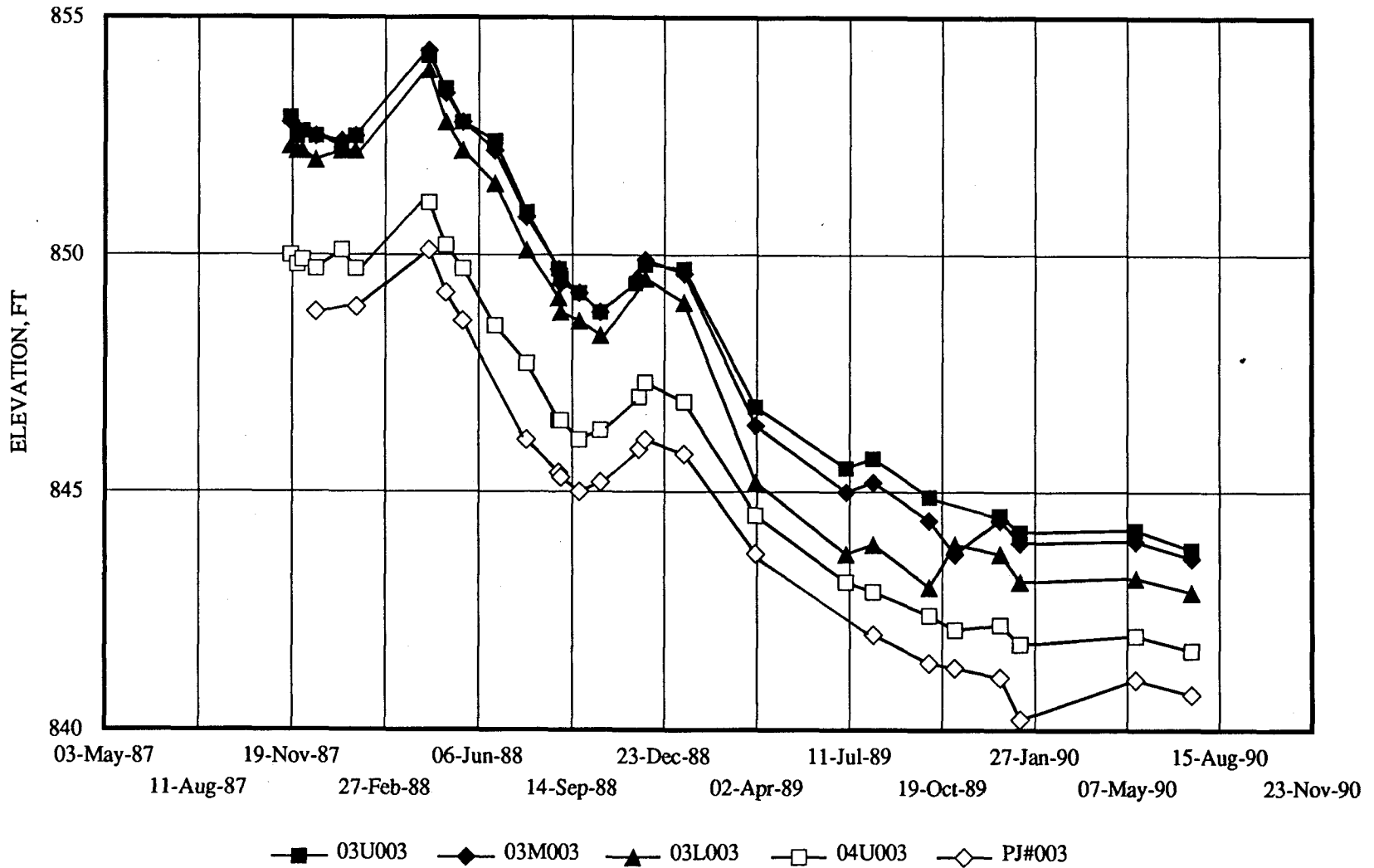


Figure 4  
WENCK ASSOCIATES, INC.

# GROUNDWATER HYDROGRAPHS

TWIN CITIES ARMY AMMUNITION PLANT

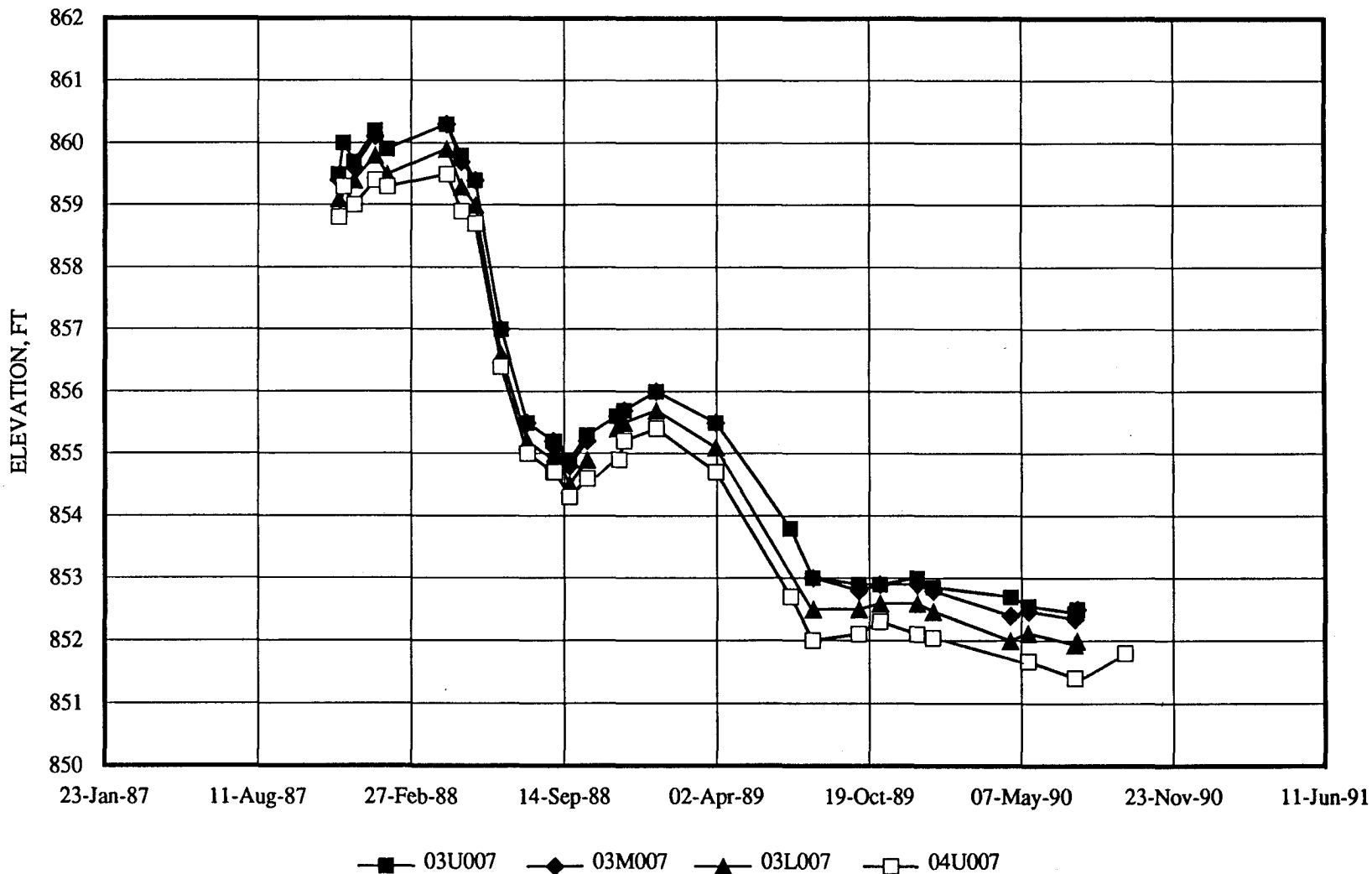


Figure 5  
WENCK ASSOCIATES, INC.

# GROUNDWATER HYDROGRAPHS

TWIN CITIES ARMY AMMUNITION PLANT

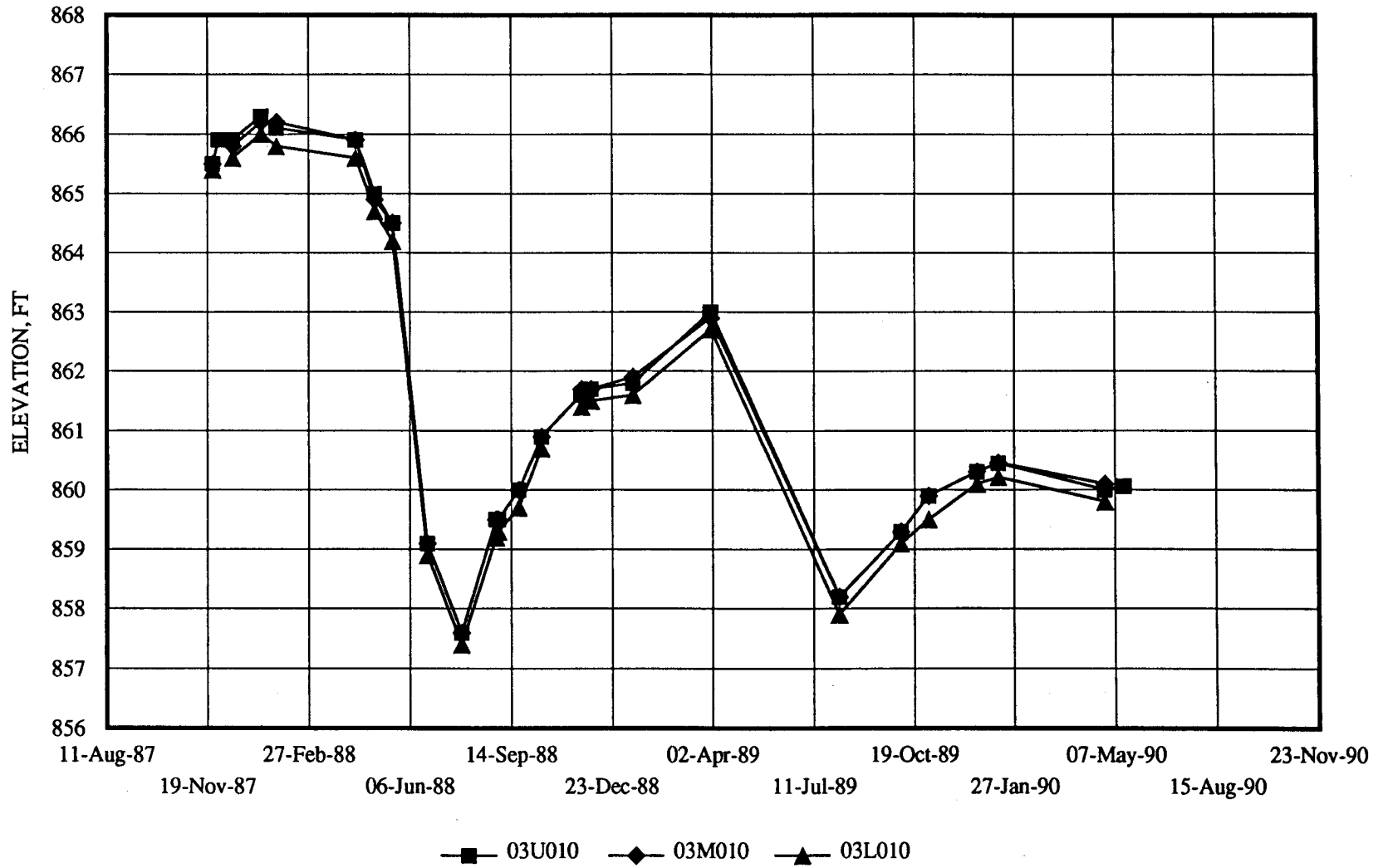


Figure 6

WENCK ASSOCIATES, INC.

# GROUNDWATER HYDROGRAPHS

TWIN CITIES ARMY AMMUNITION PLANT

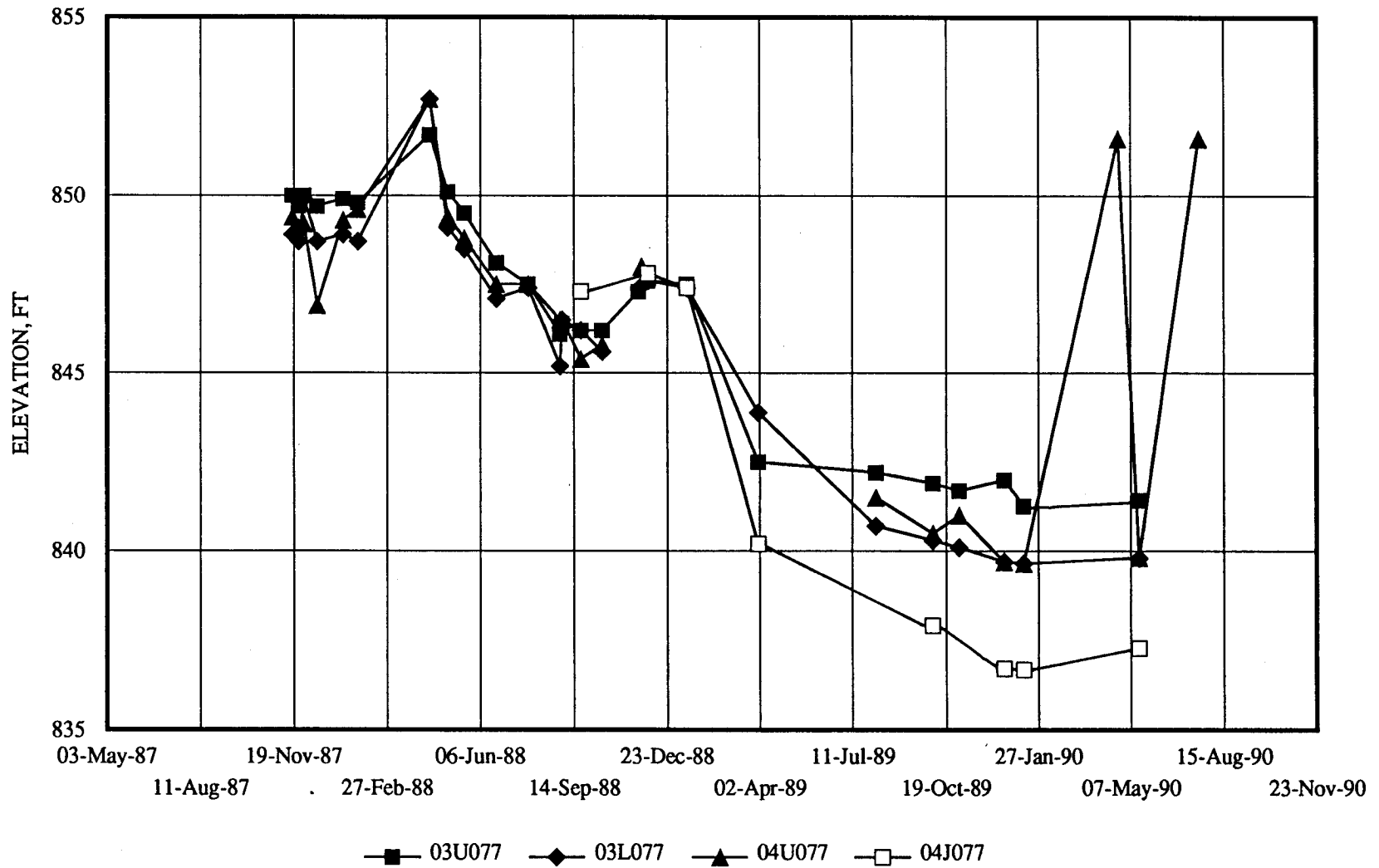


Figure 7  
WENCK ASSOCIATES, INC.

# GROUNDWATER HYDROGRAPHS

TWIN CITIES ARMY AMMUNITION PLANT

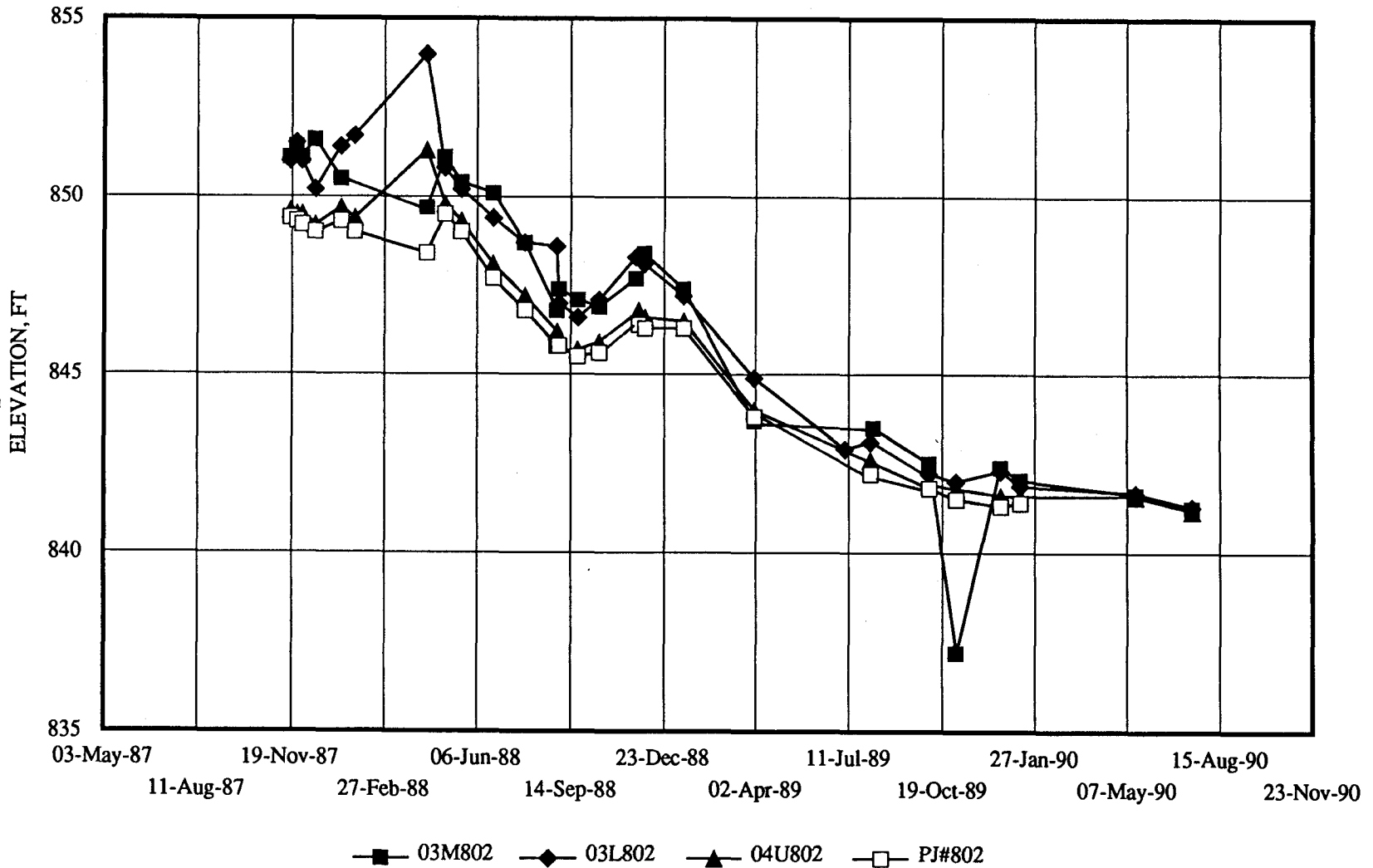


Figure 8  
WENCK ASSOCIATES, INC.



# GROUNDWATER HYDROGRAPHS

TWIN CITIES ARMY AMMUNITION PLANT

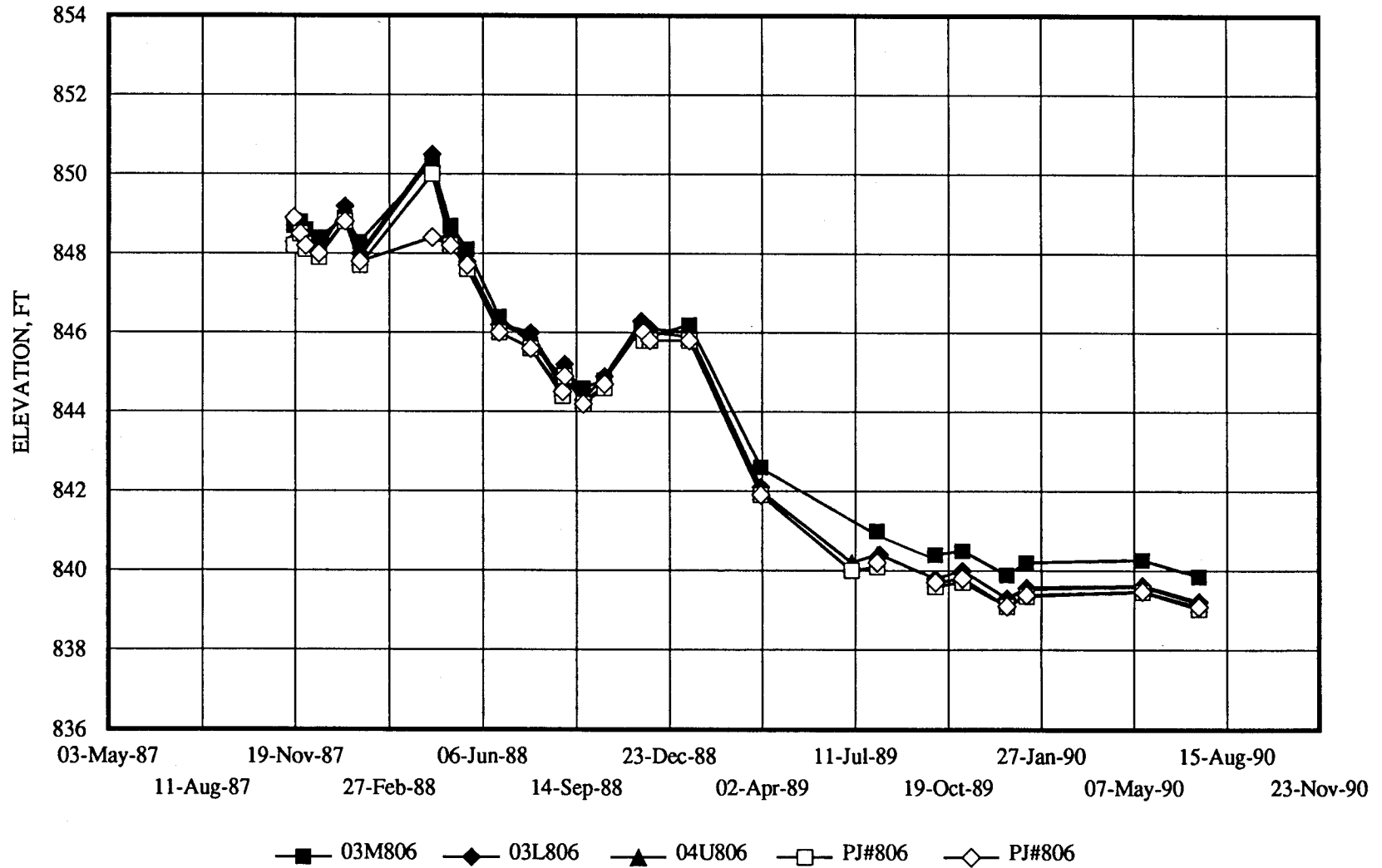


Figure 9  
WENCK ASSOCIATES, INC.

# GROUNDWATER HYDROGRAPHS

TWIN CITIES ARMY AMMUNITION PLANT

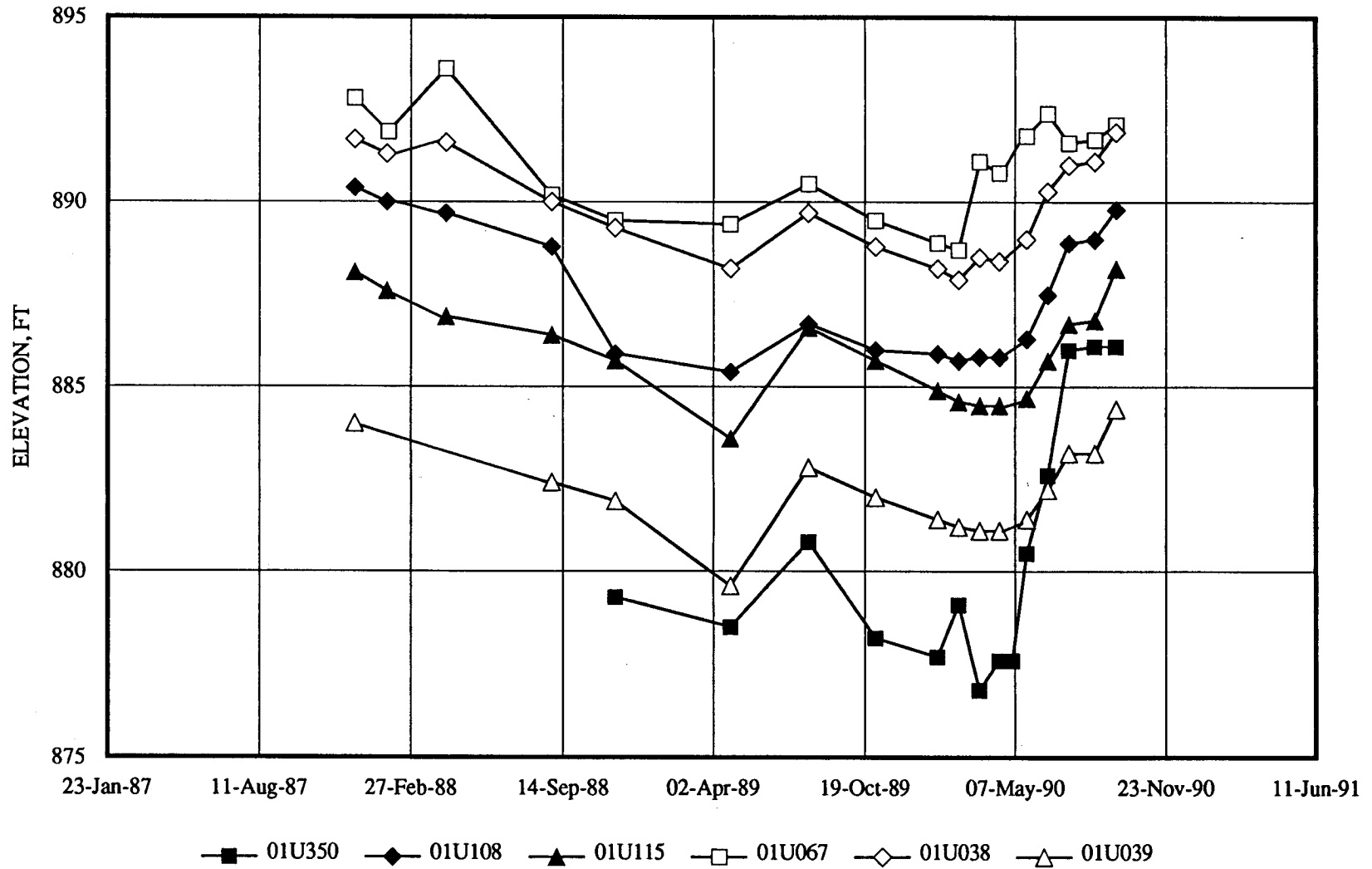


Figure 10  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

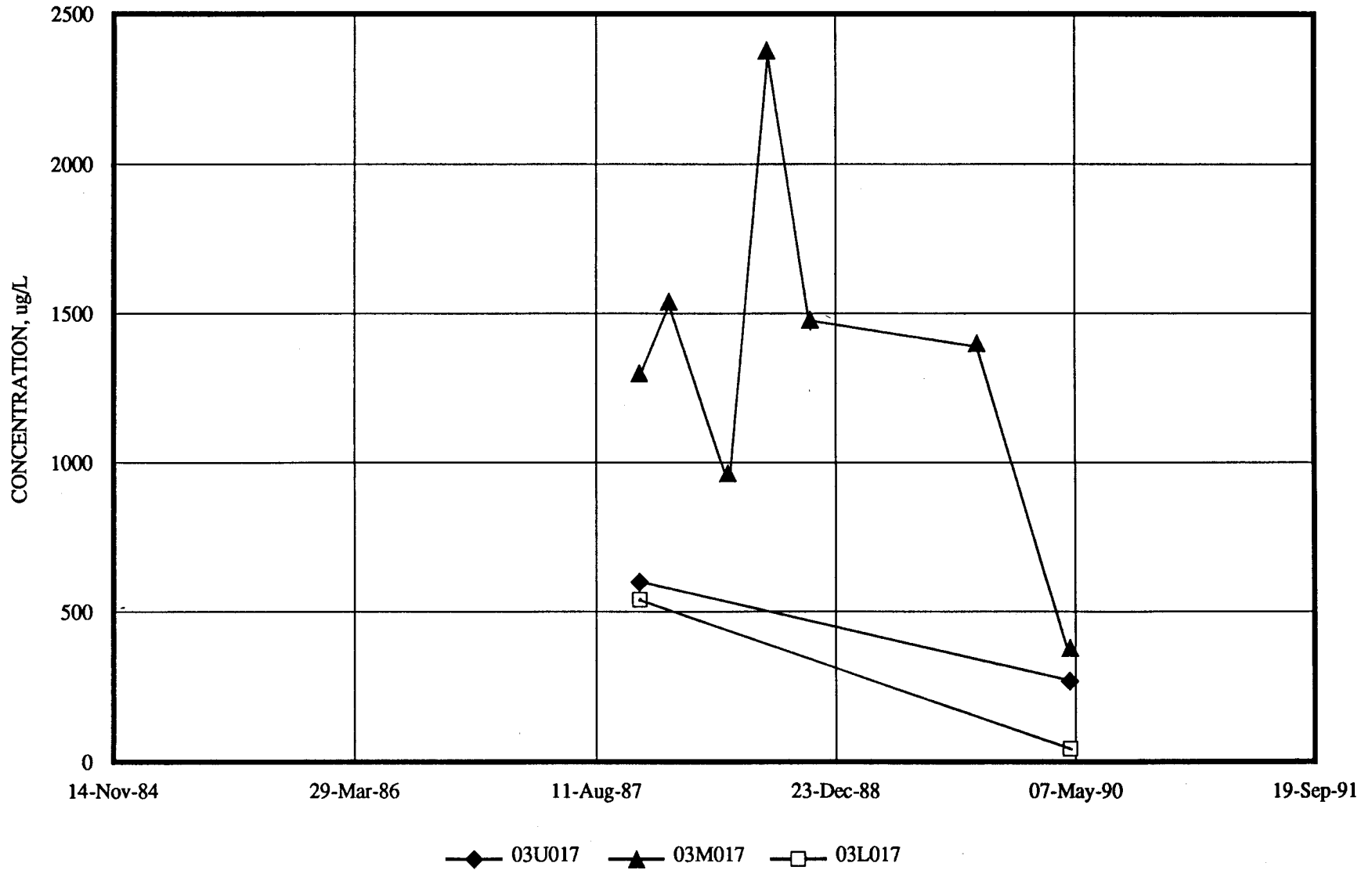


Figure 11, SITE D  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

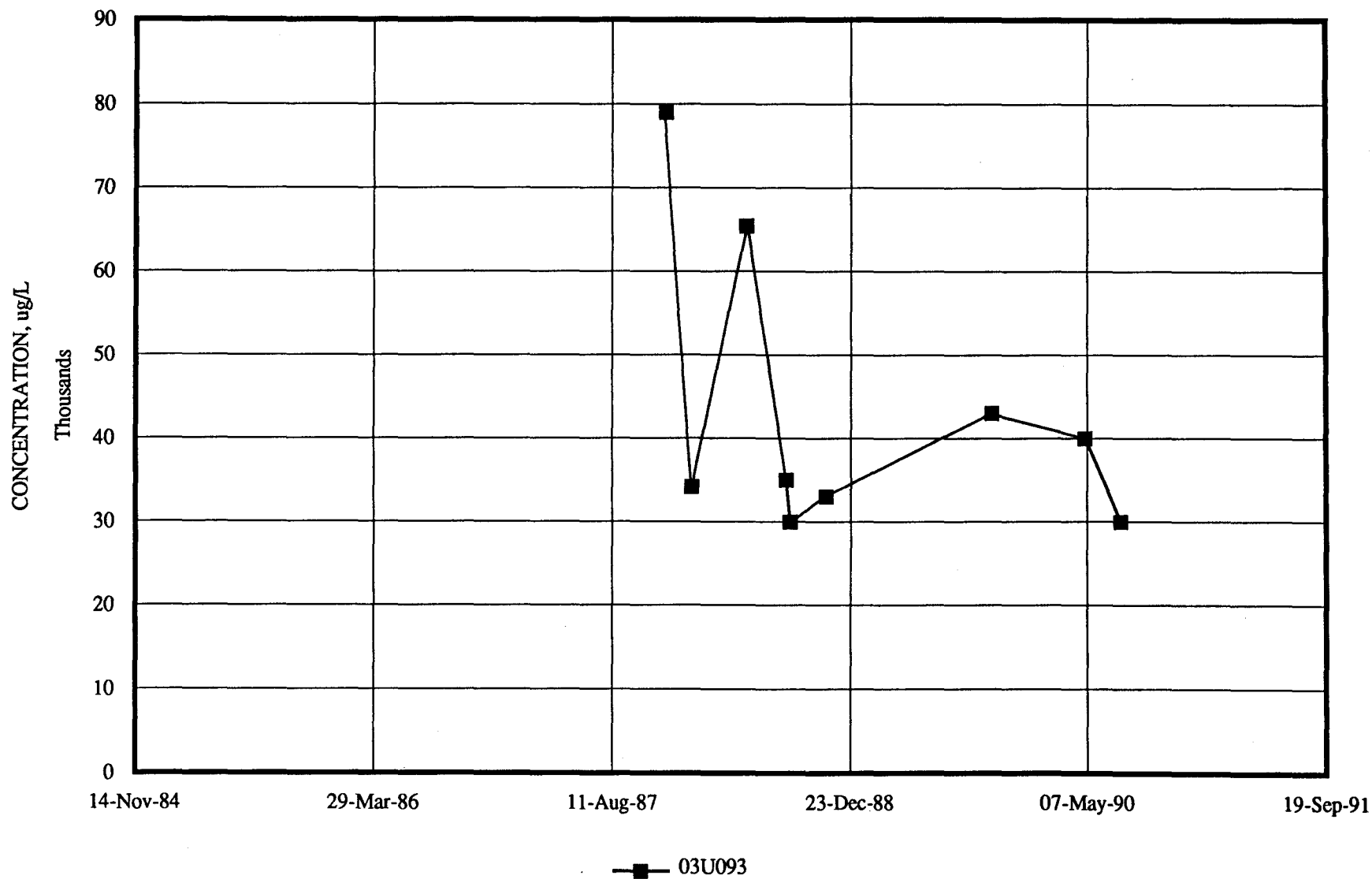


Figure 12, SITE D  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

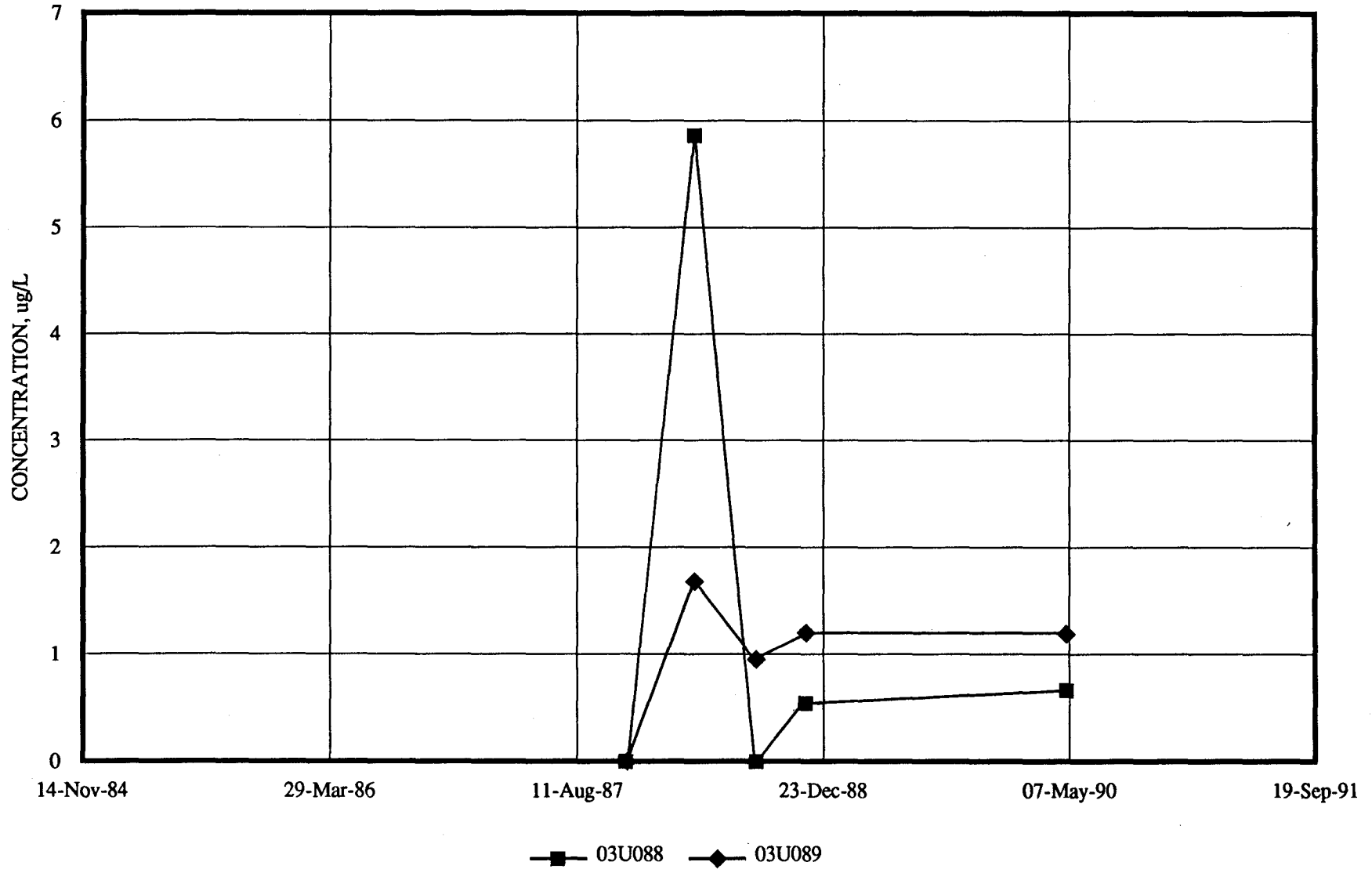


Figure 13, SITE E  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

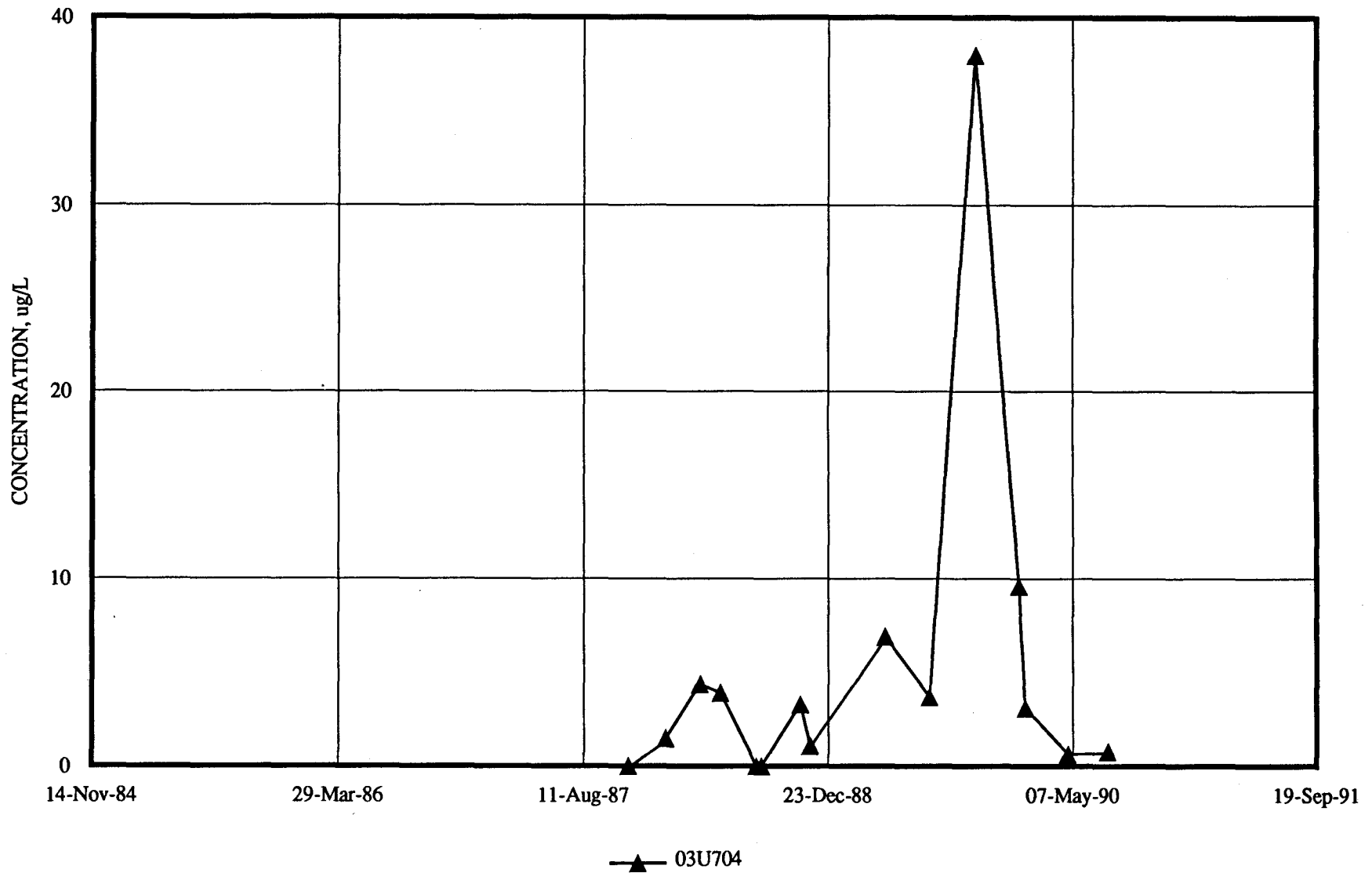


Figure 14, SITE E  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

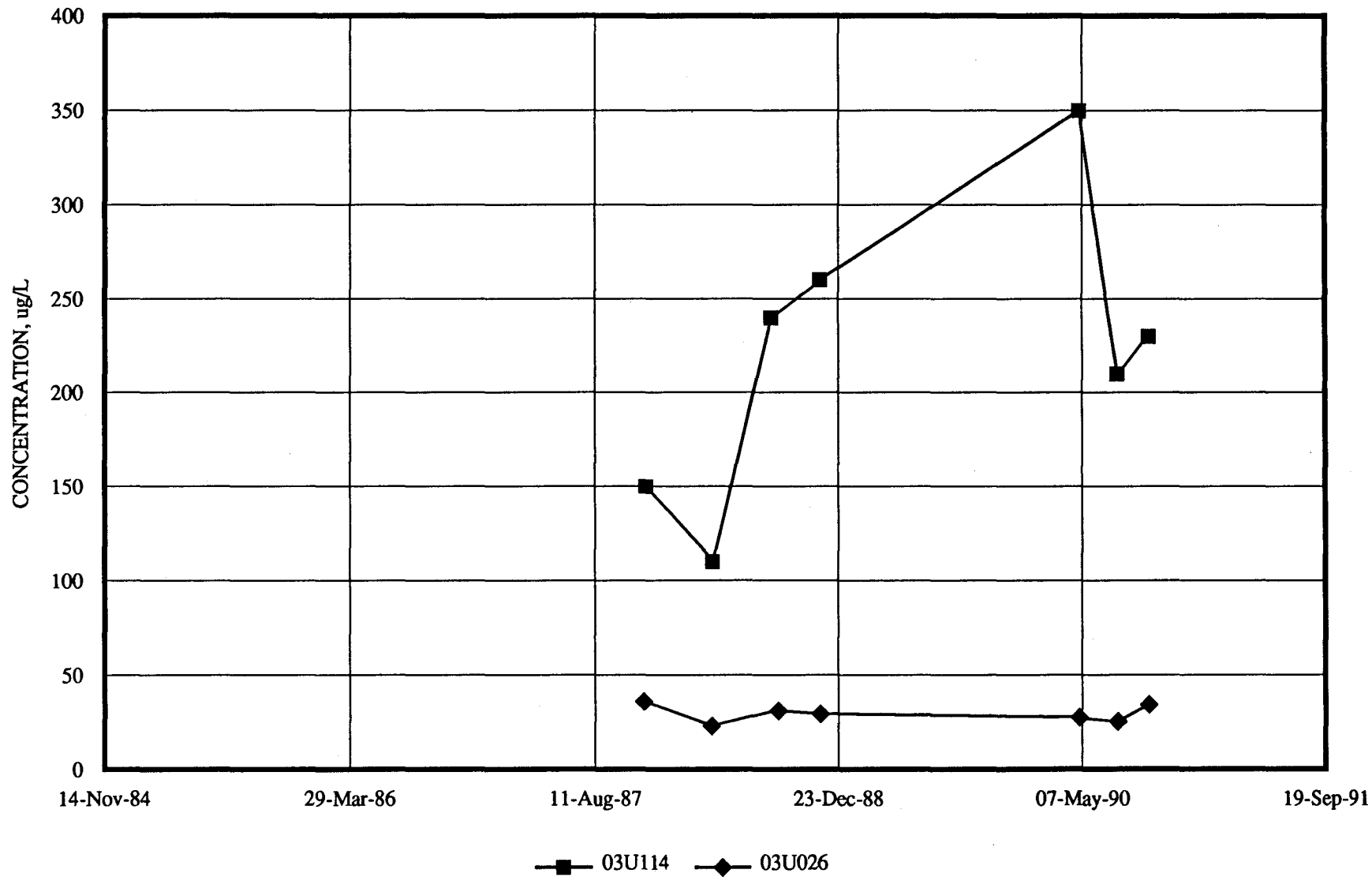


Figure 15, SITE F  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

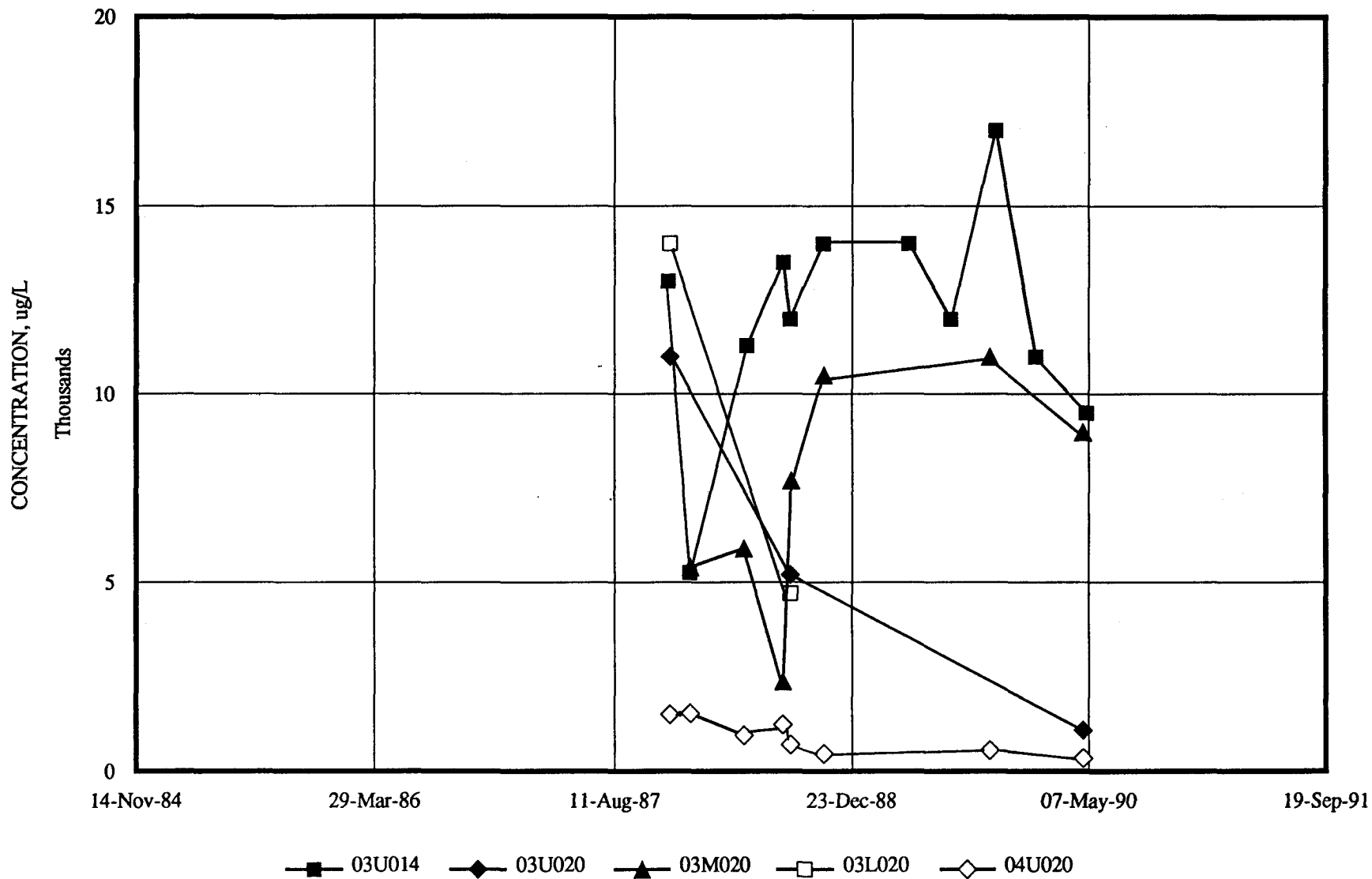


Figure 16, SITE G  
WENCK ASSOCIATES, INC.



# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

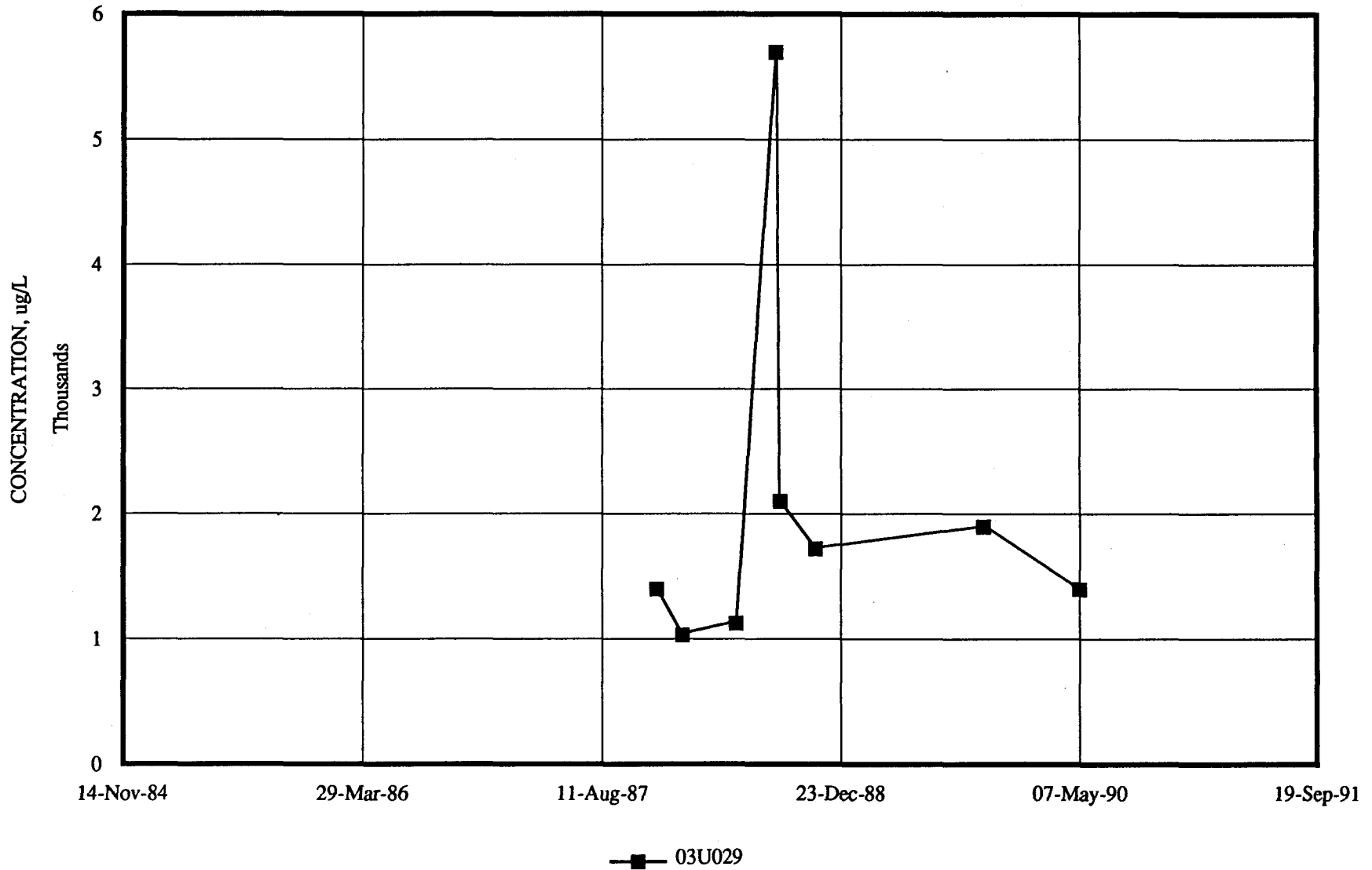


Figure 17, SITE I  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

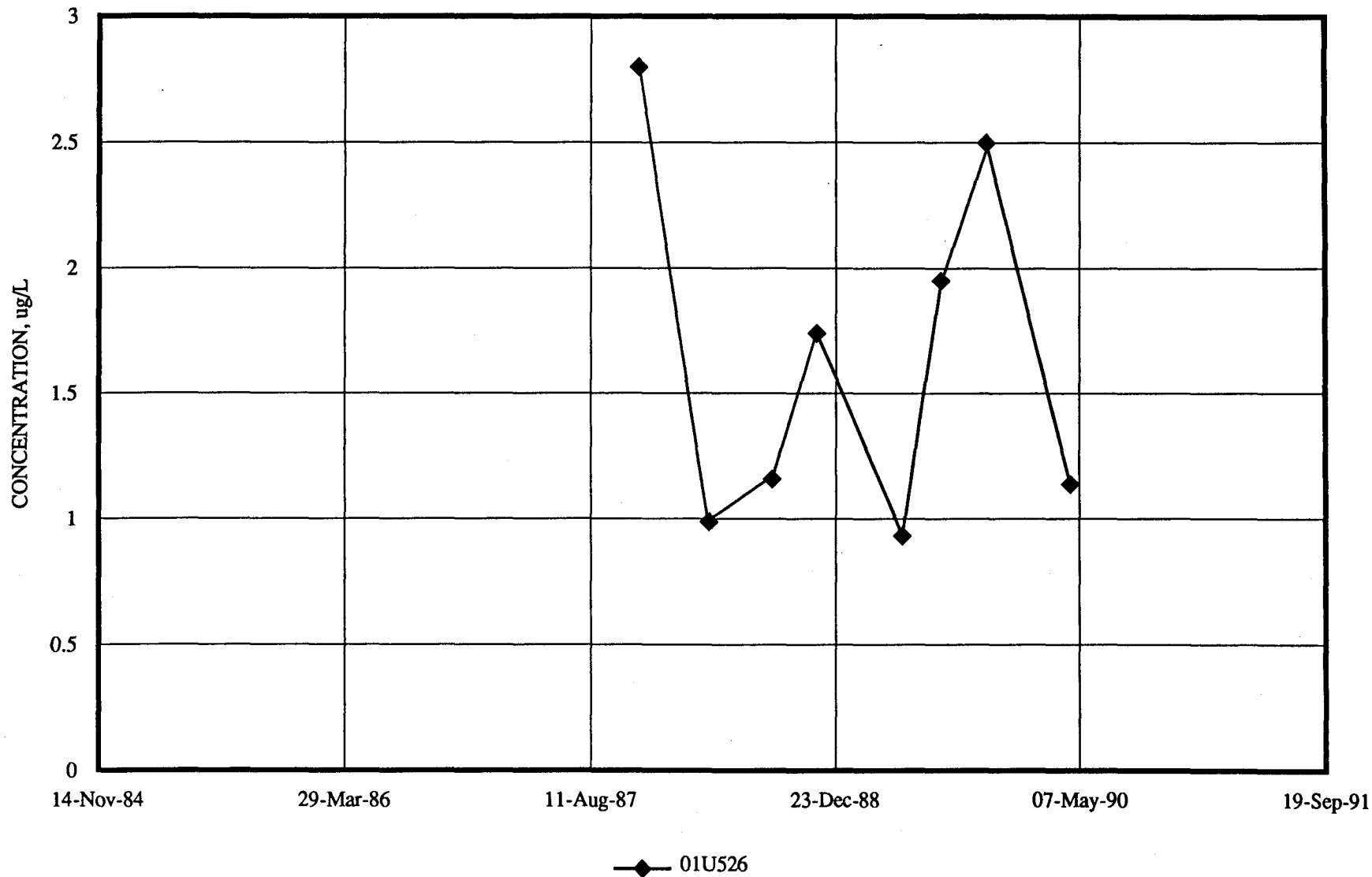


Figure 18, SITE J  
WENCK ASSOCIATES, INC.

# TRCLE AND 111TCE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

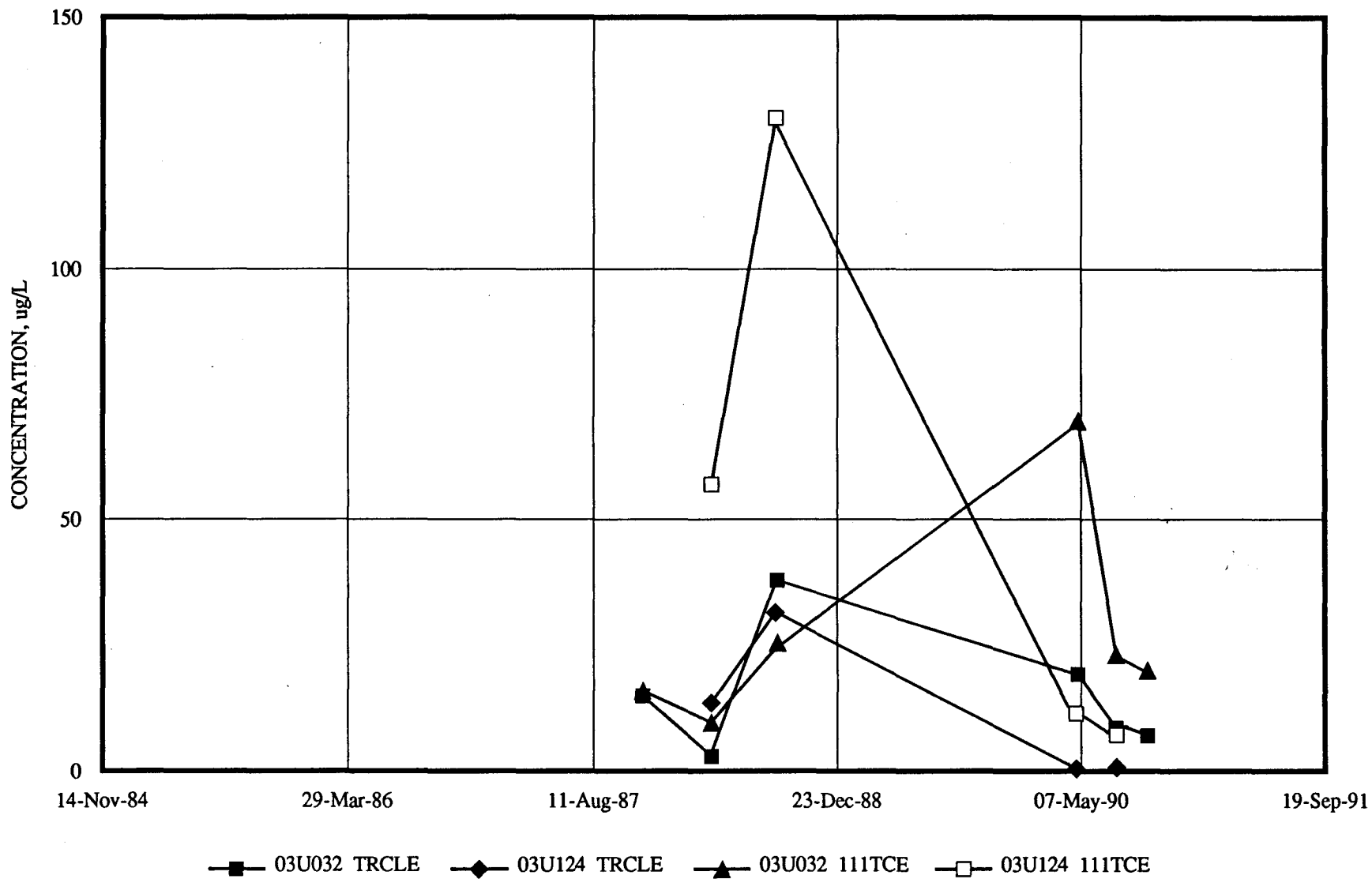


Figure 19, SITE 129-15

WENCK ASSOCIATES, INC.

TRCLE is TRICHLOROTHENE 111TCE is 1,1,1-TRICHLOROTHANE

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

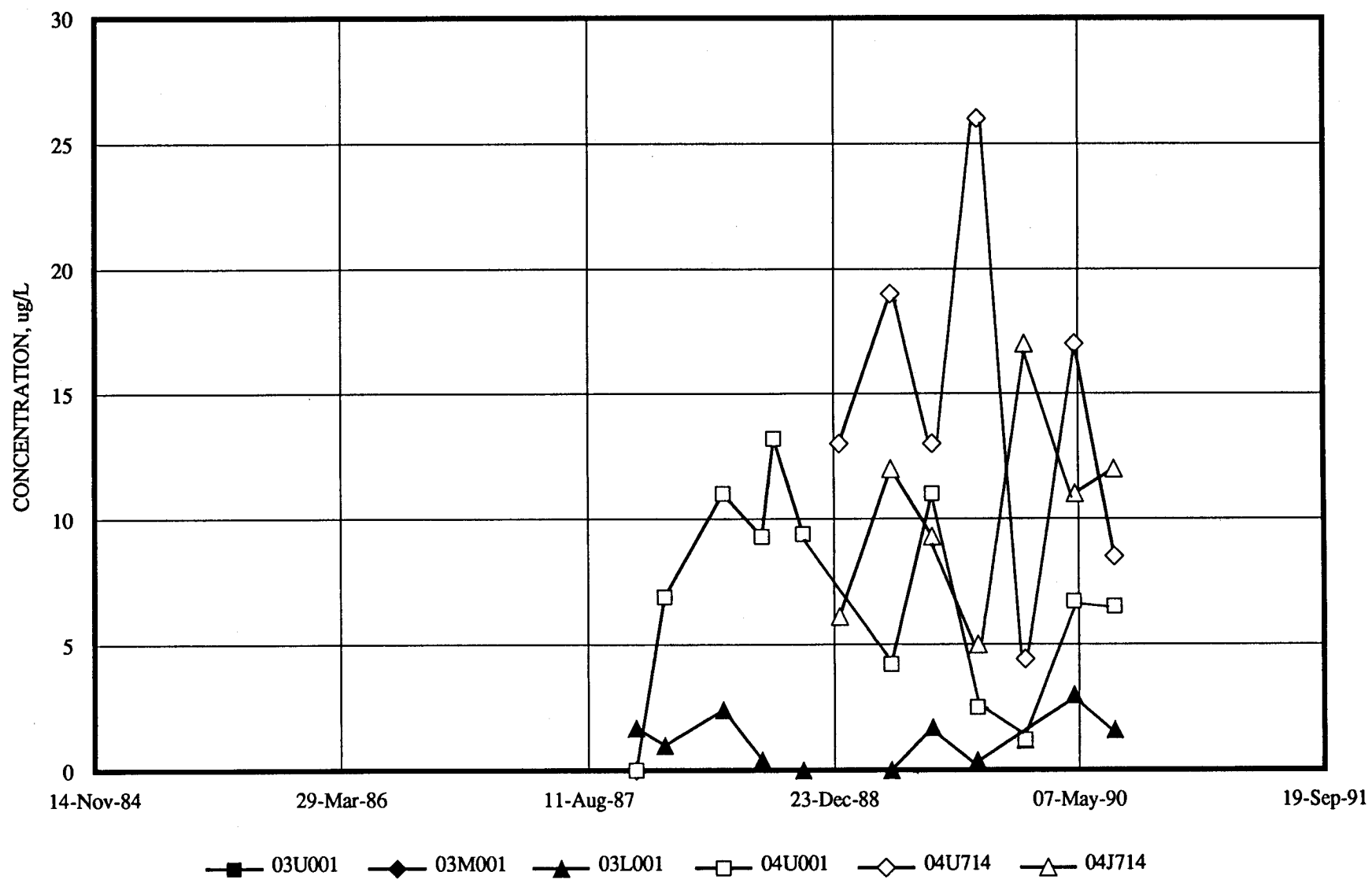


Figure 20, 001 AND 714 WELL NESTS  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

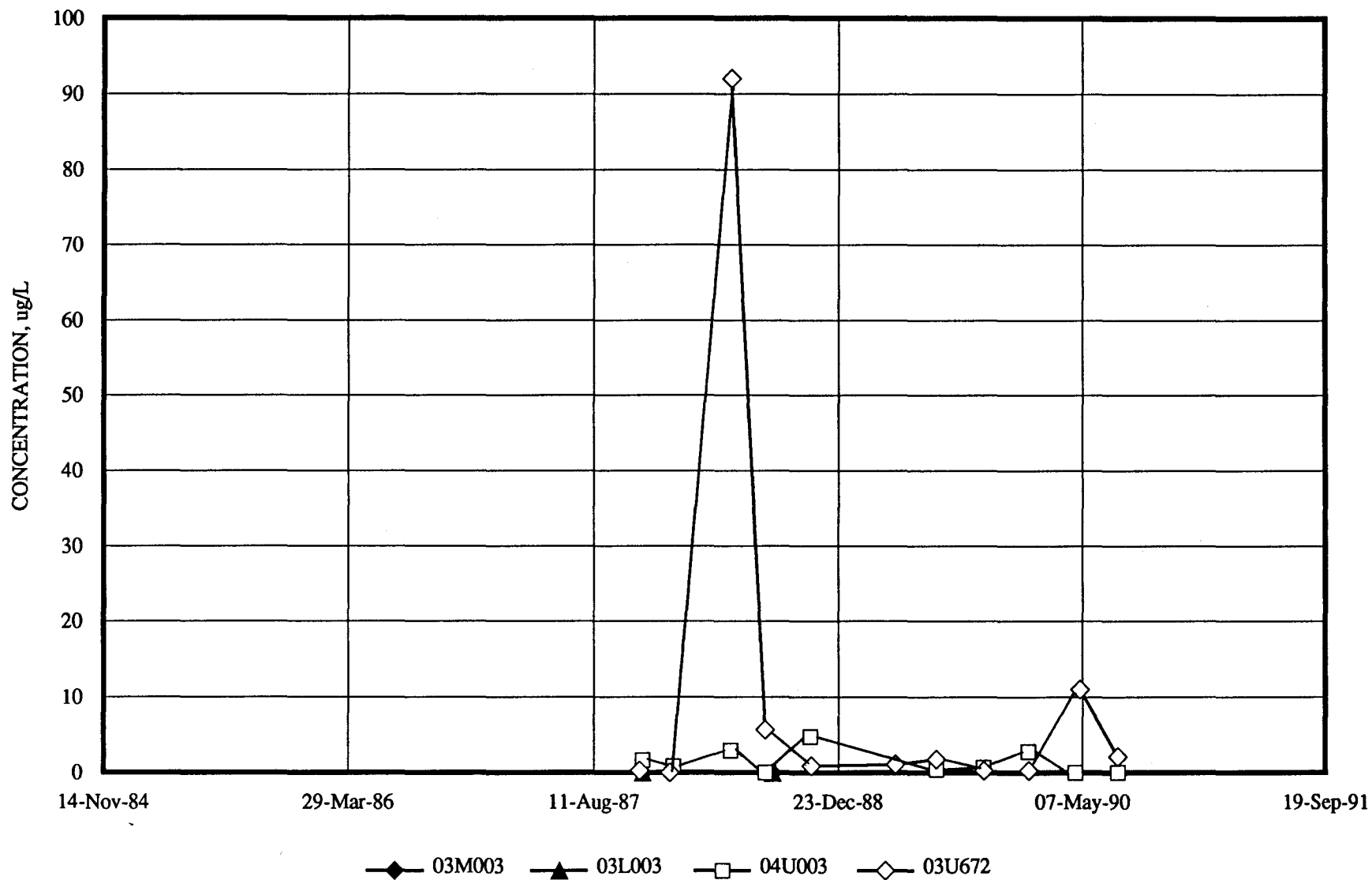


Figure 21, 003 WELL NEST AND 672  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

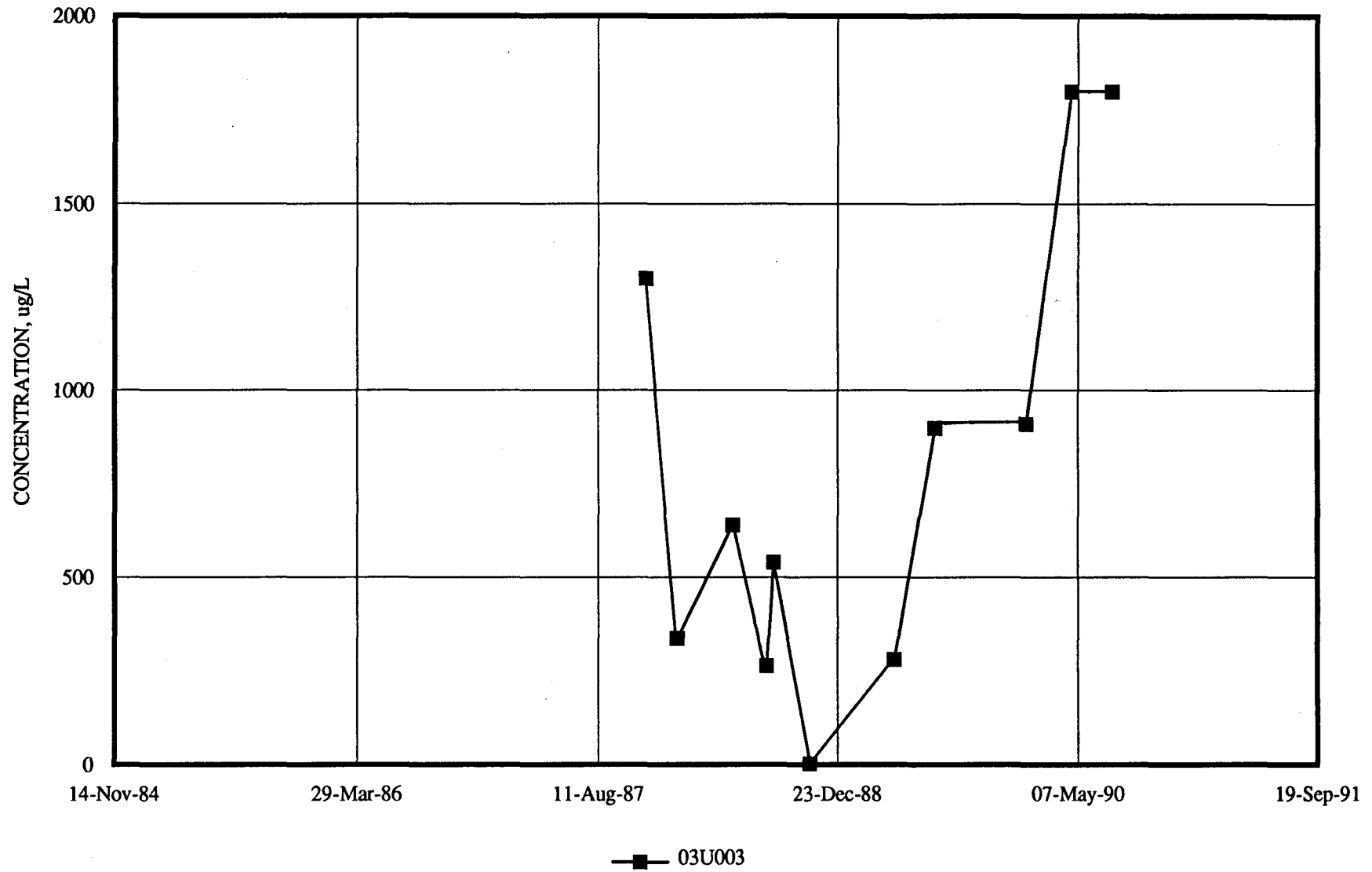


Figure 22, 03U003  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

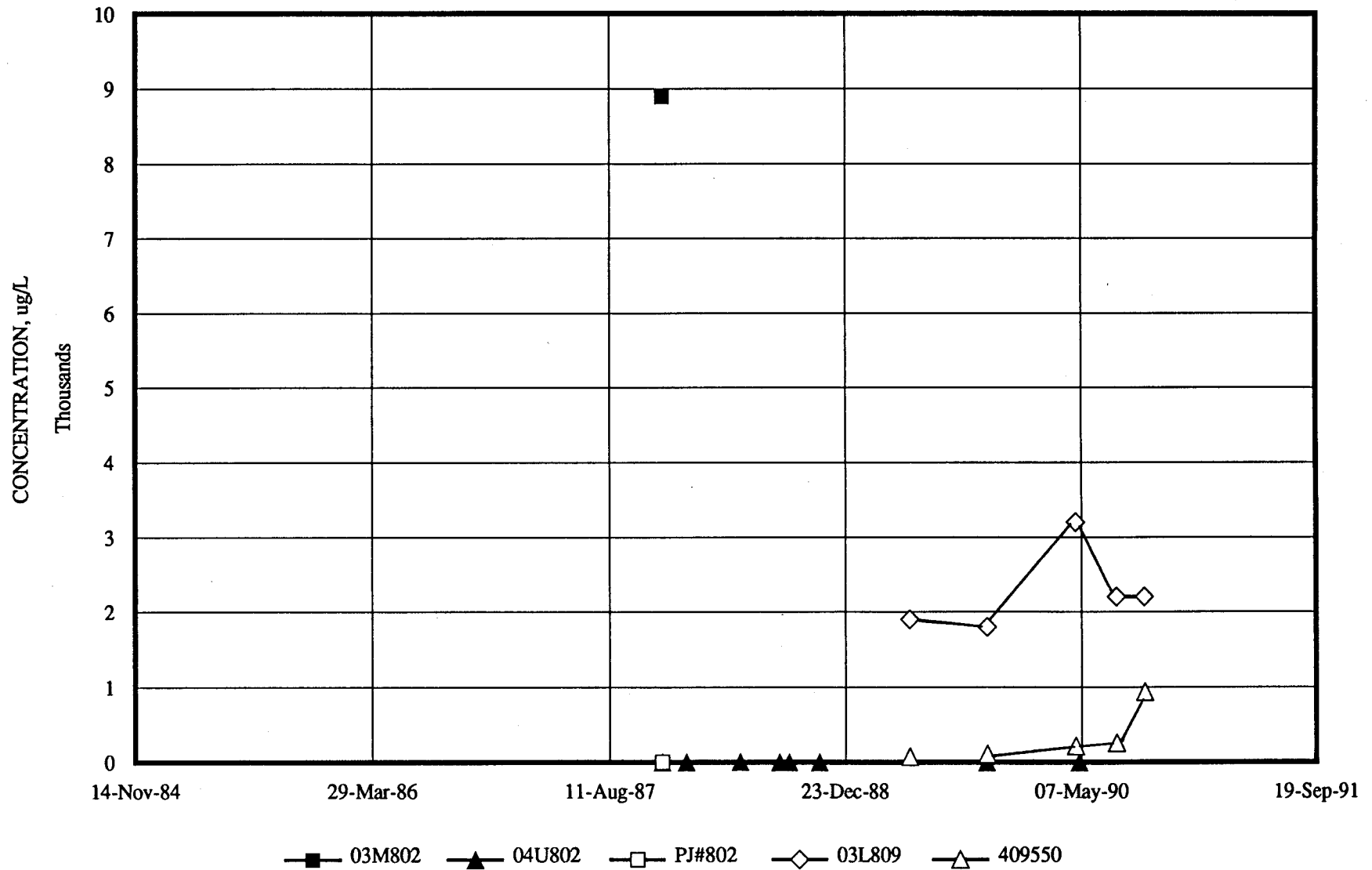


Figure 23, 802 WELL NEST, 03L809, 409550  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

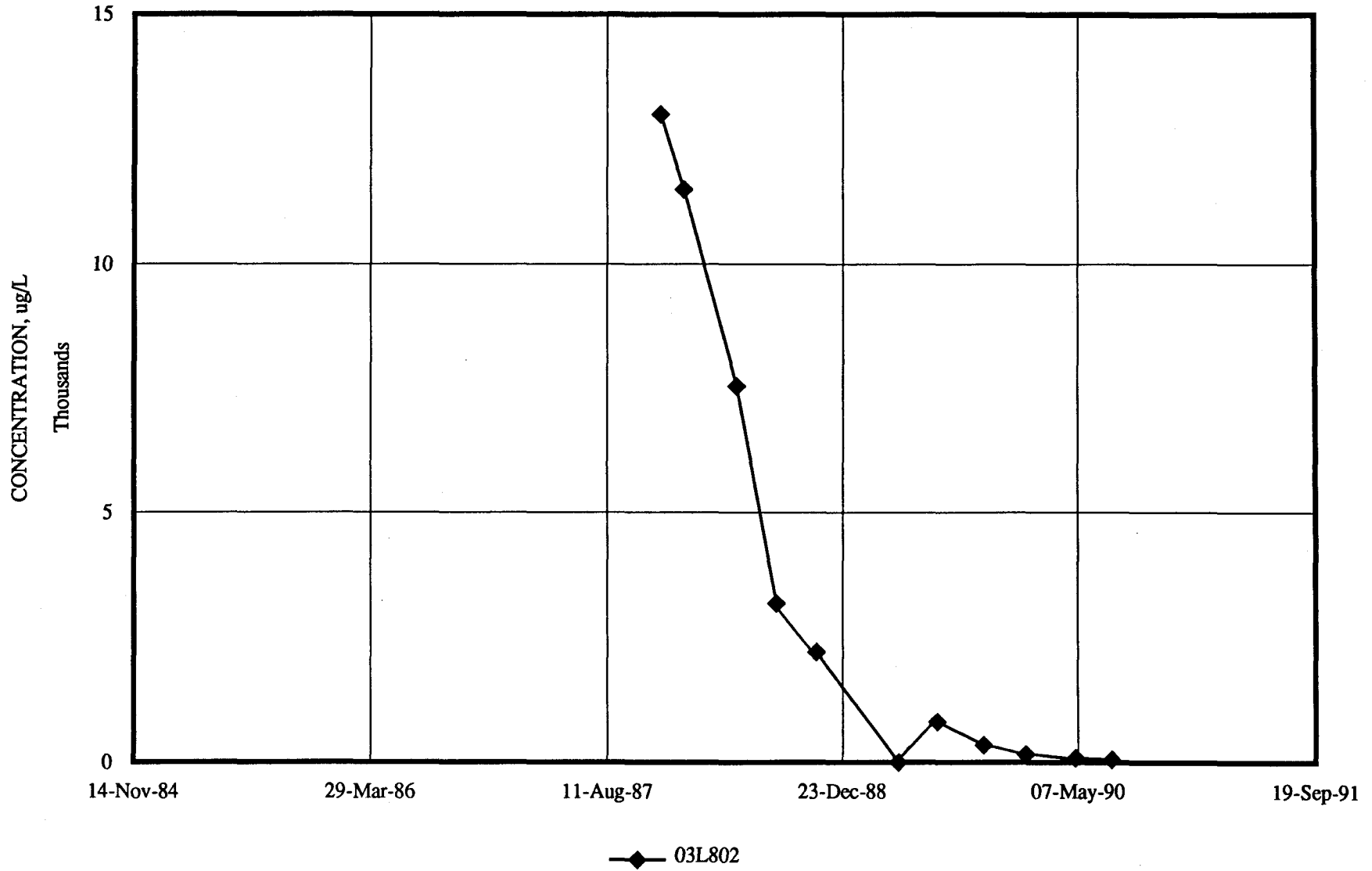


Figure 24, 03L802  
WENCK ASSOCIATES, INC.



# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

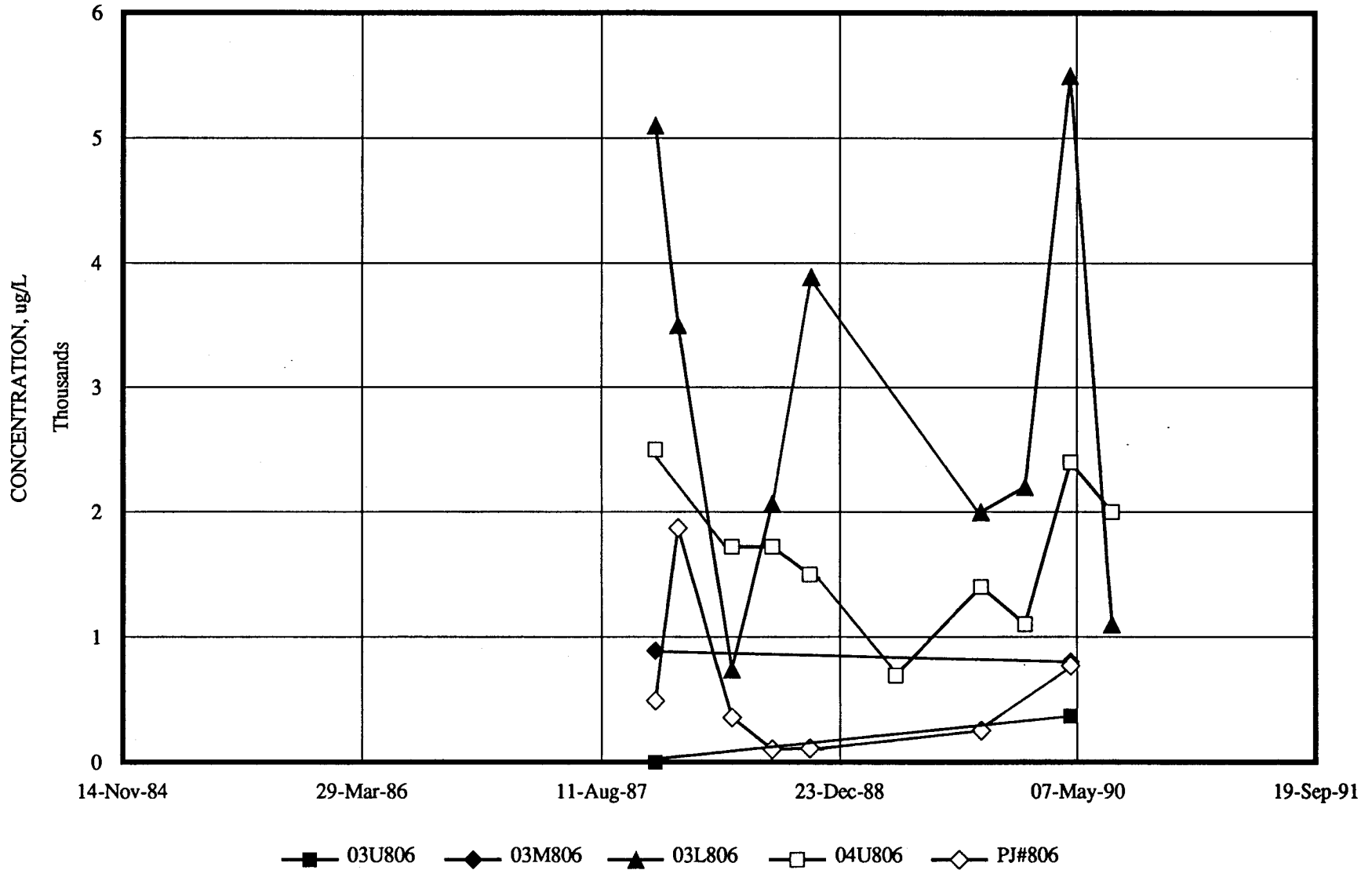


Figure 25, 806 WELL NEST  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

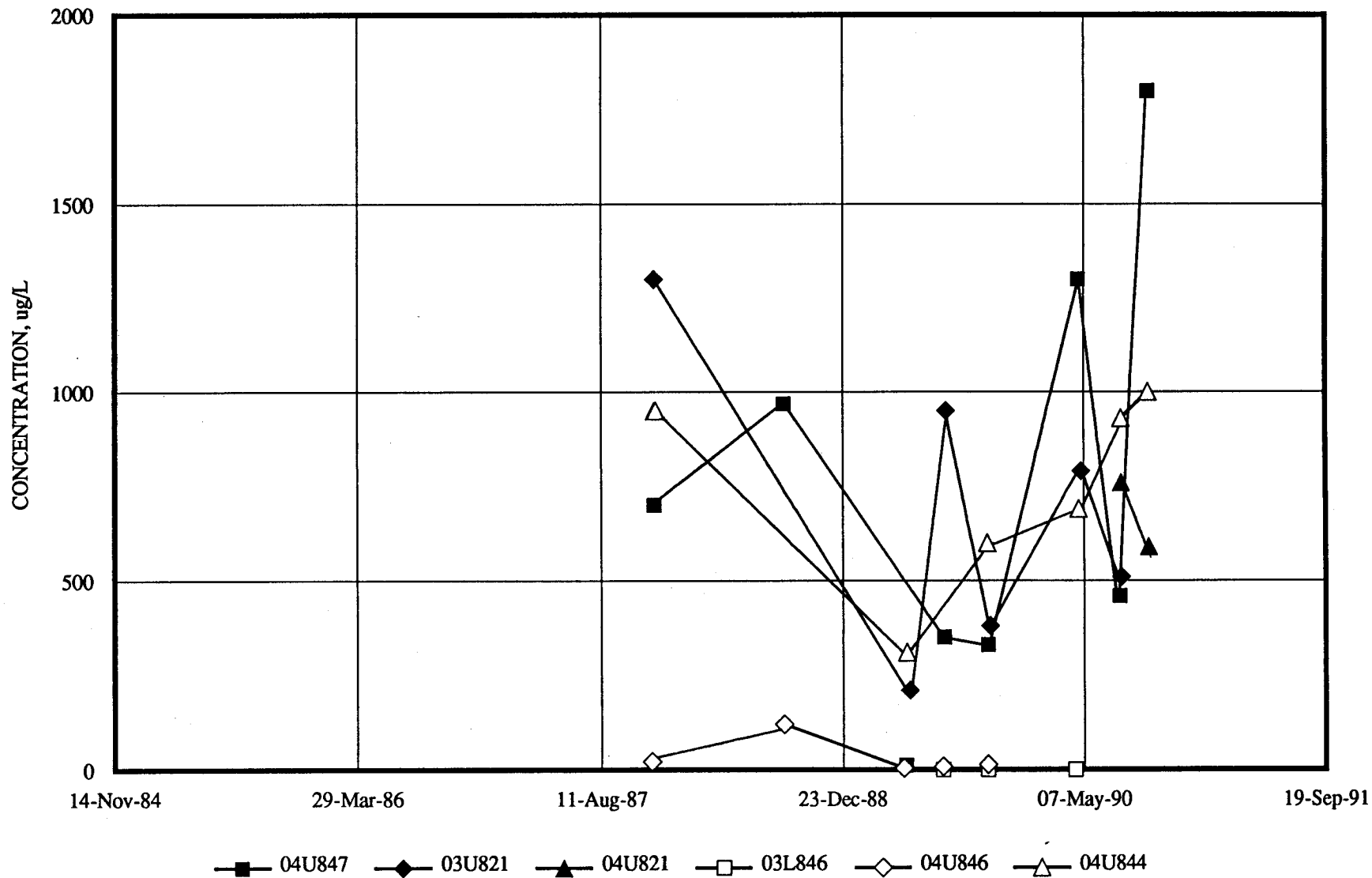


Figure 26, OFF-POST  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

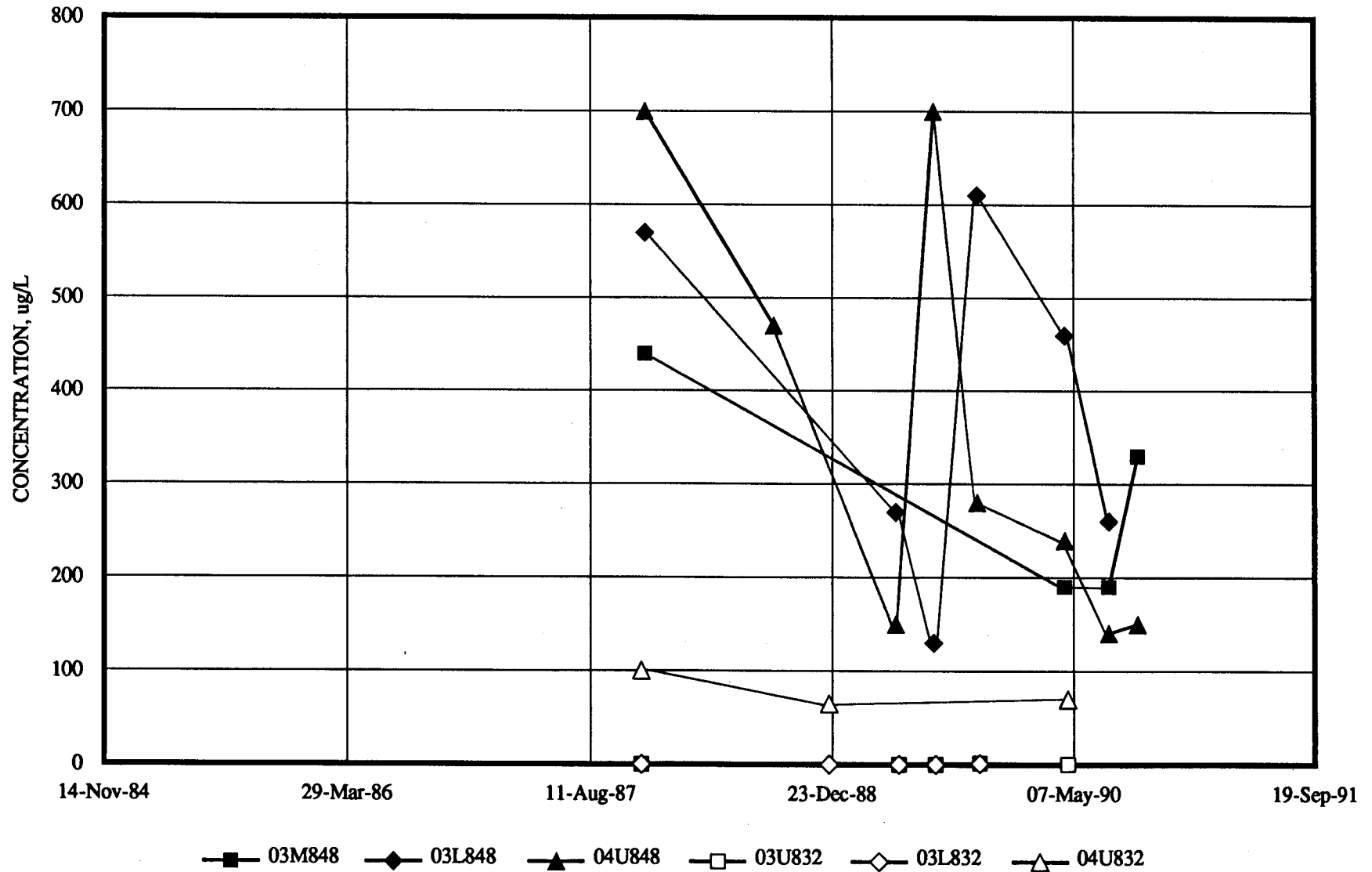


Figure 27, OFF-POST  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

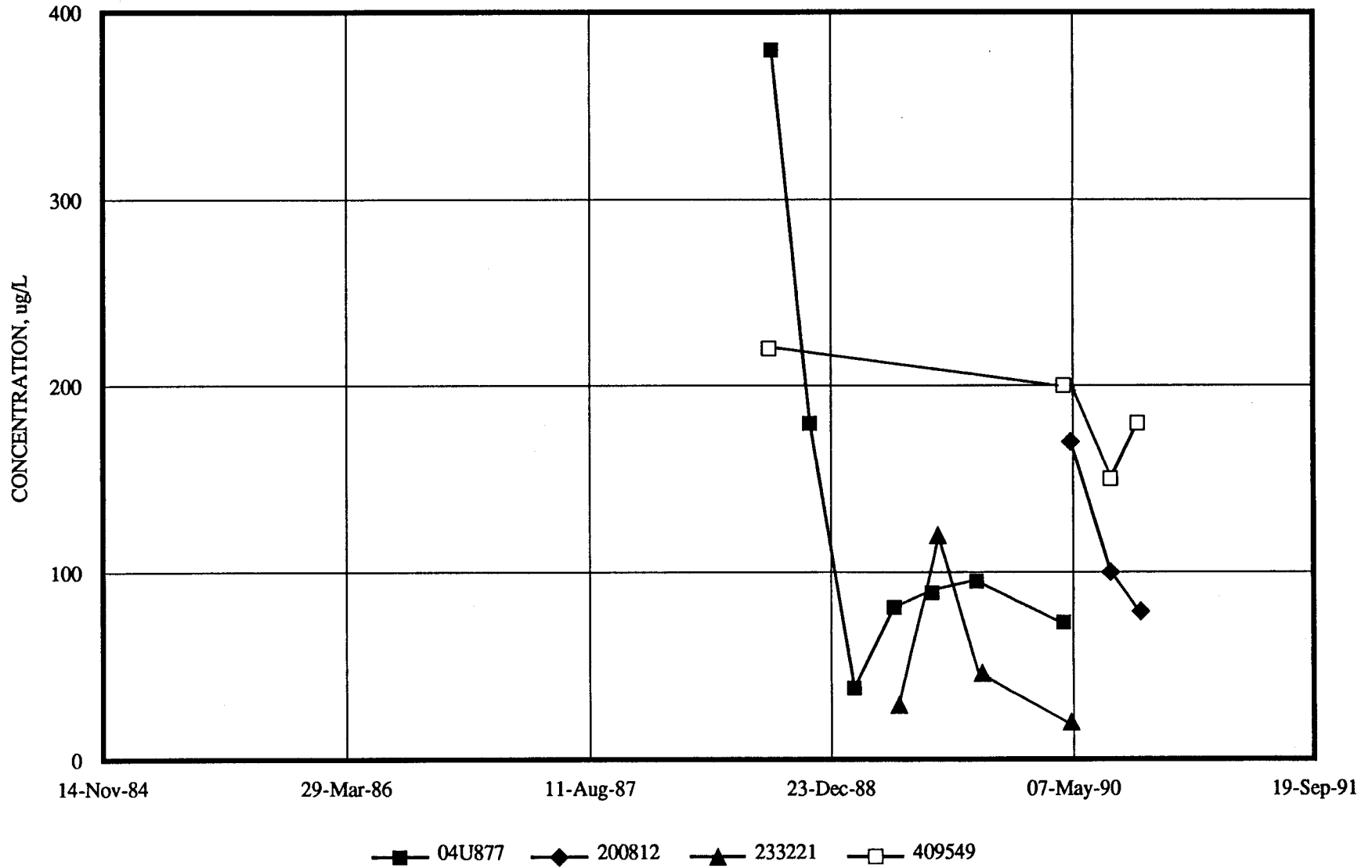


Figure 28, OFF-POST  
WENCK ASSOCIATES, INC.

# TETRACHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

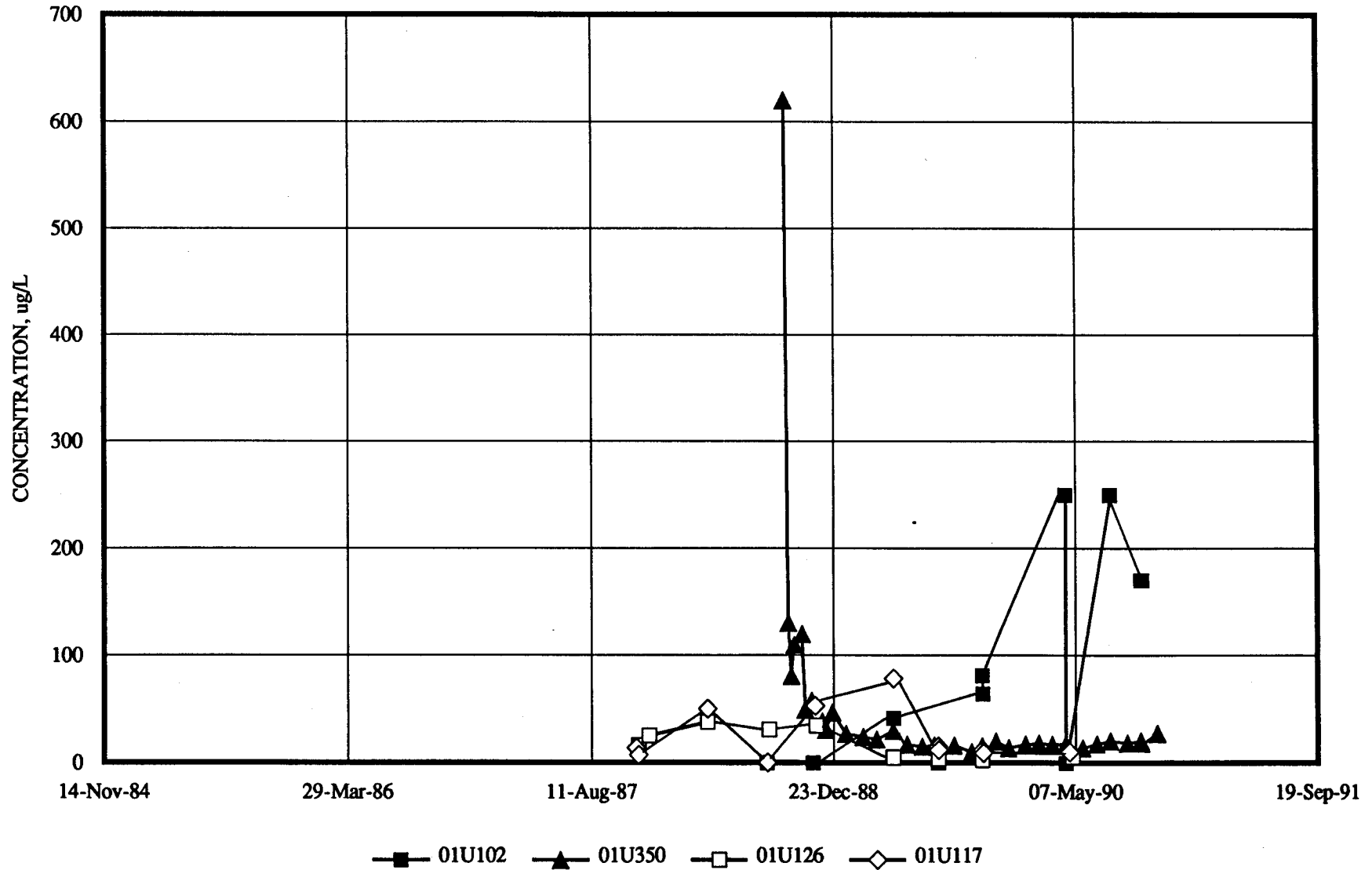


Figure 29, SITE A  
WENCK ASSOCIATES, INC.

# TRICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

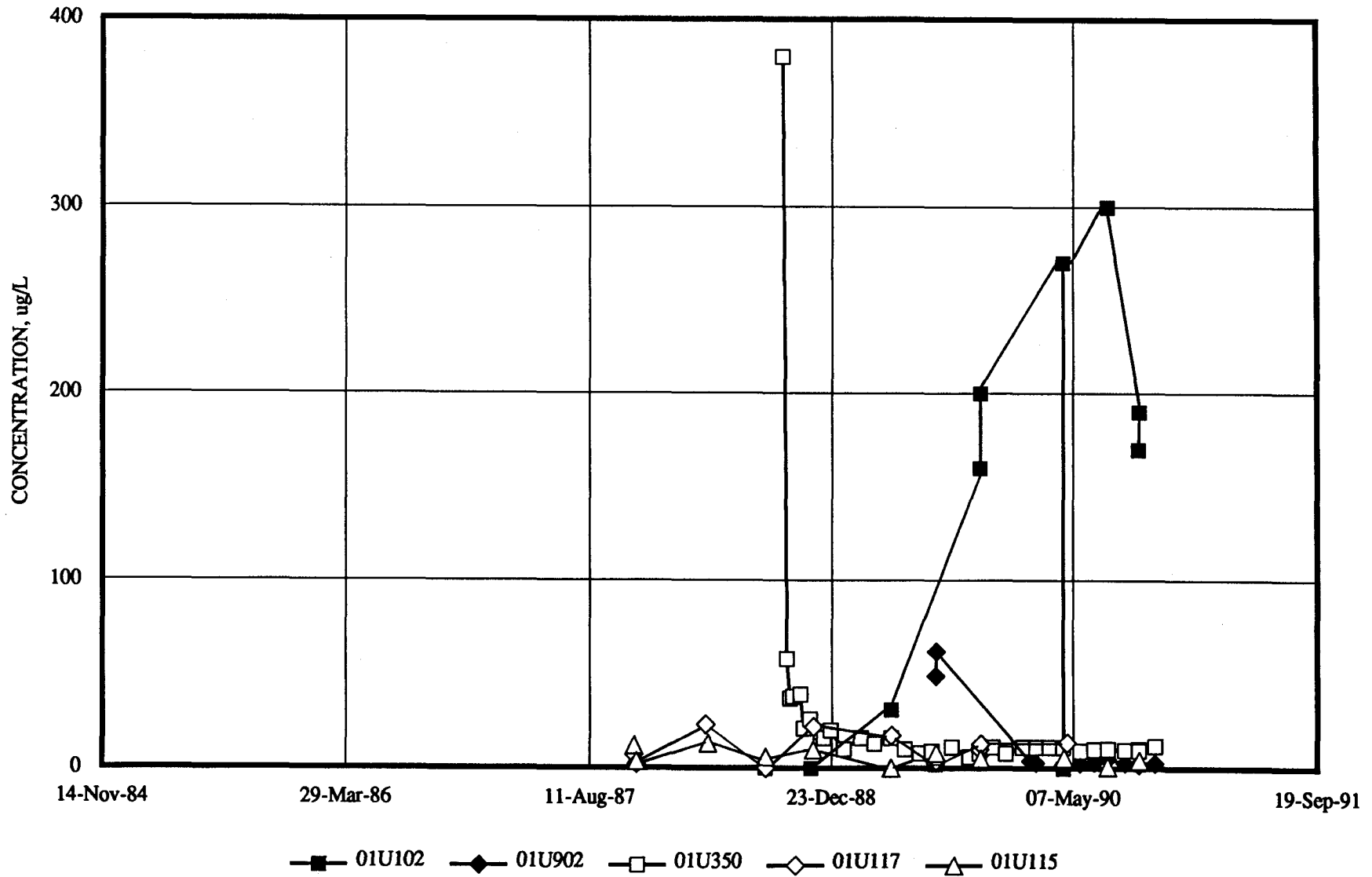


Figure 30, SITE A  
WENCK ASSOCIATES, INC.

# 1,2-DICHLOROETHENE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

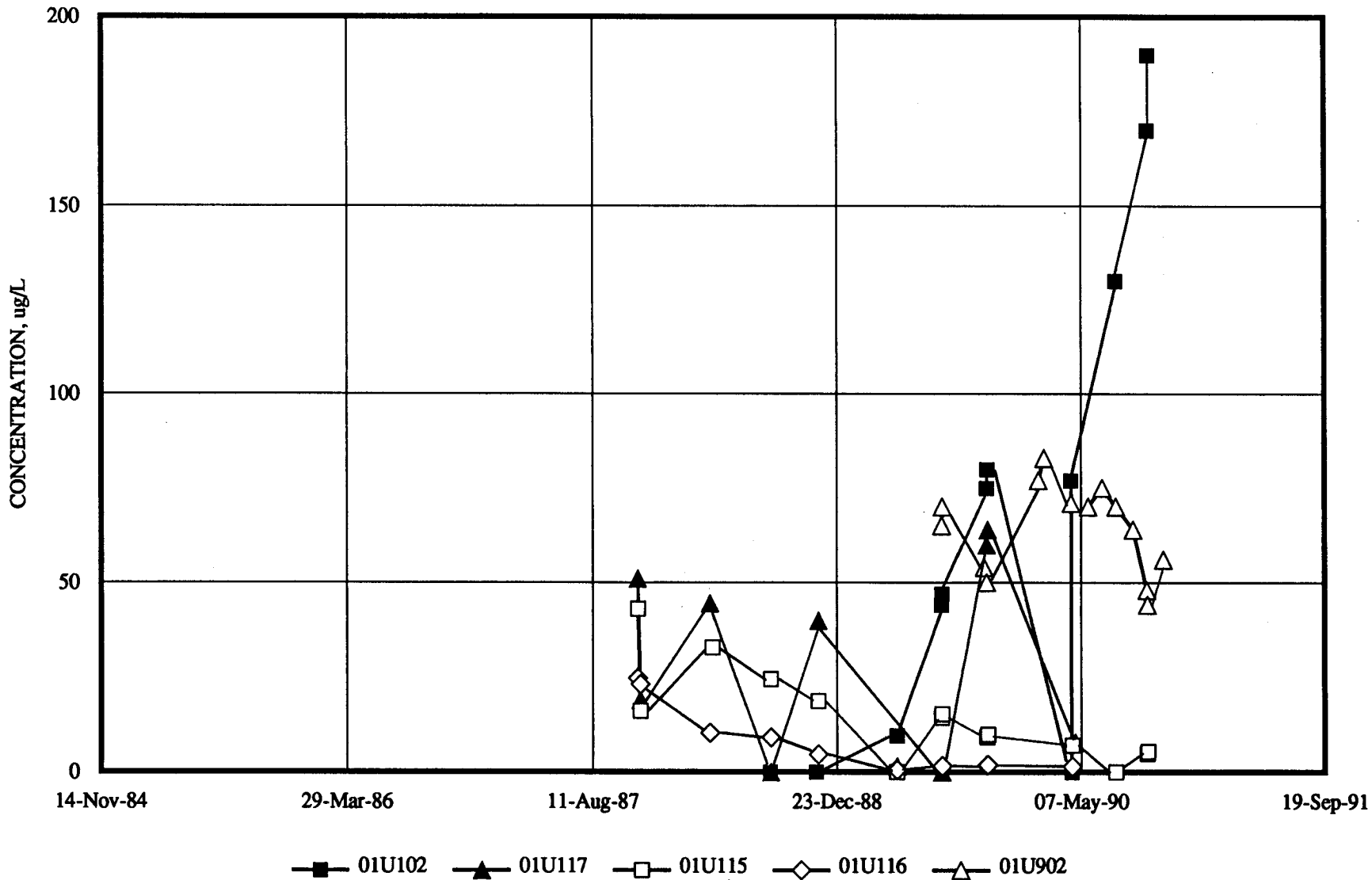


Figure 31, SITE A  
WENCK ASSOCIATES, INC.

# 12DCE, TCLEE, AND TRCLE WATER QUALITY TRENDS

TWIN CITIES ARMY AMMUNITION PLANT

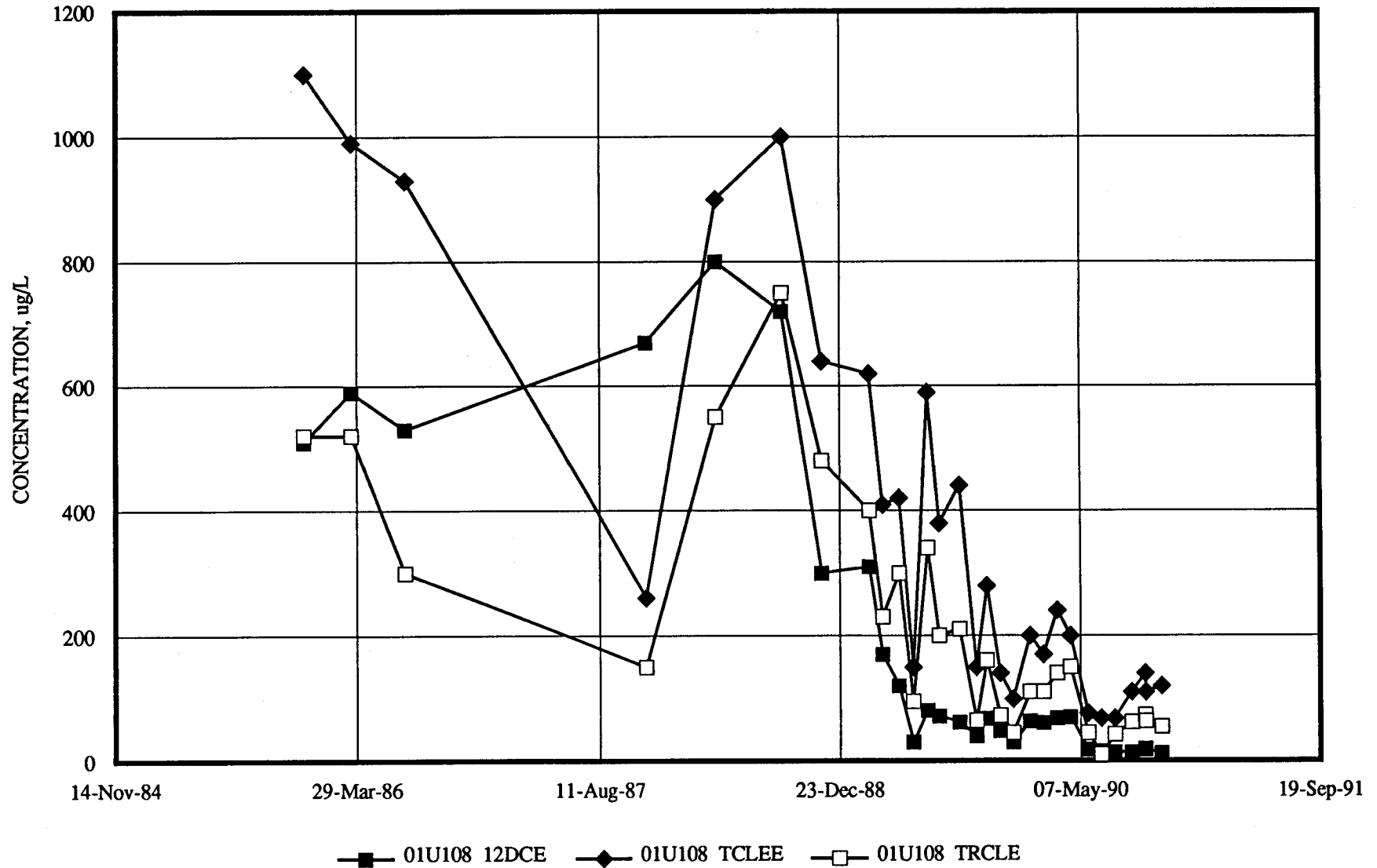
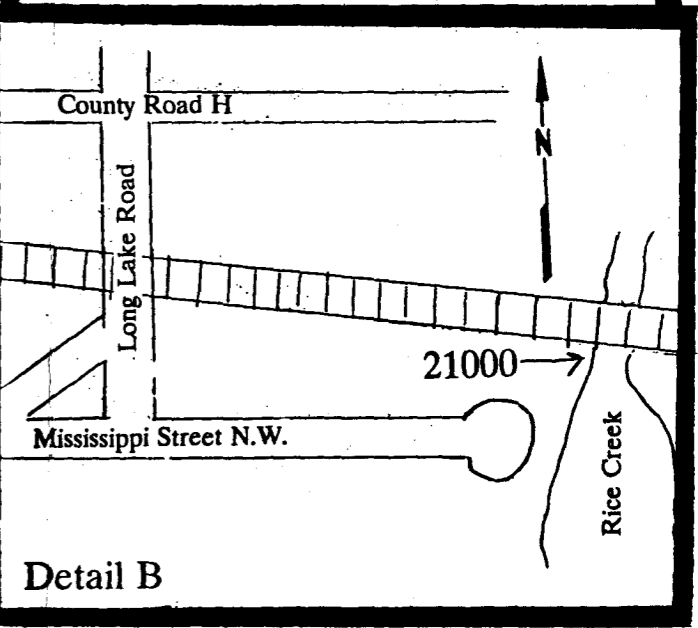
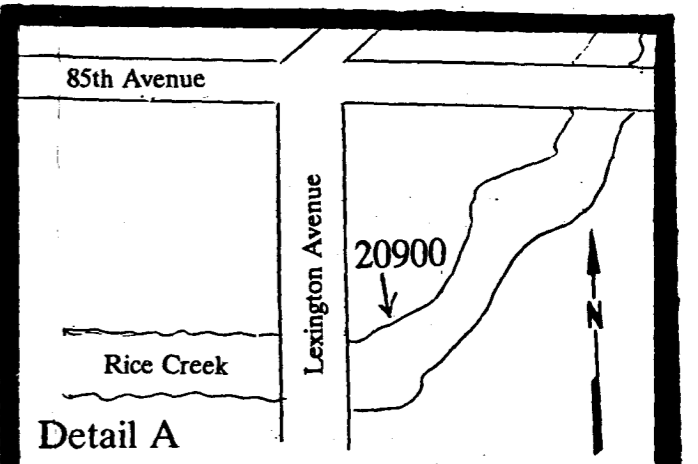
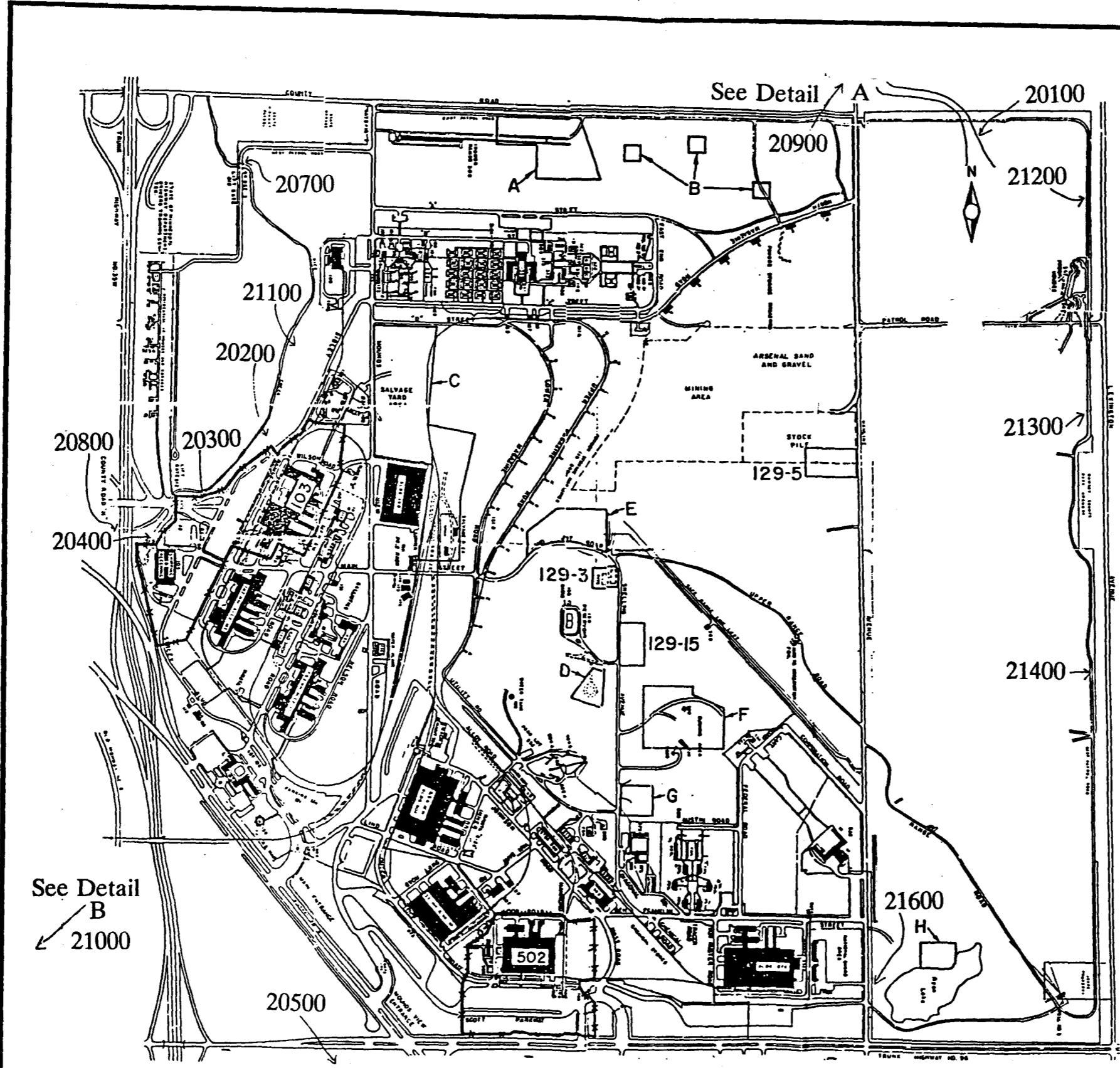


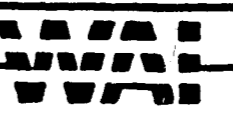
Figure 32, SITE A - WELL 01U108

WENCK ASSOCIATES, INC. 12DCE is 1,2-DICHLOROETHENE TCLEE is TETRACHLOROETHENE TRCLE is TRICHLOROETHENE





Title: NPDES Sample Point Locations  
 Spec. #969  
 Federal Cartridge Co. Dwg. #46814

<b>TWIN CITIES ARMY AMMUNITION PLANT</b>	 <b>Consulting Engineers</b>	<b>JUL 1991</b>
National Pollutant Discharge Elimination System (NPDES) Monitoring Plan	<b>1800 Pioneer Creek Dr.          Maple Plain, MN 55359</b> <b>Wenck Associates, Inc.</b>	<b>Fig. 33</b>

## APPENDICES

**APPENDIX A**

**Select Project Correspondence**



DEPARTMENT OF THE ARMY  
TWIN CITIES ARMY AMMUNITION PLANT  
NEW BRIGHTON, MINNESOTA 55112-8000-5700



REPLY TO  
ATTENTION OF

November 19, 1990

SMCTC-EV (200-1b)

SUBJECT: Federal Facility Agreement Field Modification

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

U.S. Environmental Protection Agency  
Region V  
ATTN: Mr. Thomas Barounis  
SHSR-11  
230 South Dearborn Street  
Chicago, Illinois 60604

Dear Sir:

Reference letter, U.S. Environmental Protection Agency (EPA), October 12, 1990, subject: Annual Monitoring Report timetable.

This office concurs with referenced letter with the agreed upon change in submitting the Annual Monitoring Report. This will now be done on a fiscal year basis (October 1 - September 30). The letter has been signed by Mr. Martin R. McCleery, Remedial Project Manager, indicating this concurrence, and a copy is forwarded for your files.

Subject to the terms of the Federal Facility Agreement, Section XXI, pages 38 & 39, the Army Project Manager has the authority to request minor field modifications to procedures utilized in carrying out this Agreement, which are necessary to the completion of the project, if approved orally by all three Project Managers, which referenced letter implies.

The POC is Mr. Martin R. McCleery, Remedial Project Manager (RPM) or Mr. Michael R. Fix, Alternate RPM, (612) 633-2301, ext. 651 or 662.

Sincerely,

Theodore E. Schulte  
Contracting Officer's Representative

Enclosure



DEPARTMENT OF THE ARMY  
TWIN CITIES ARMY AMMUNITION PLANT  
NEW BRIGHTON, MINNESOTA 55112-5000 5700



REPLY TO  
ATTENTION OF

November 19, 1990

SMCTC-EV (200-1b)

SUBJECT: Federal Facility Agreement Field Modification

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Minnesota Pollution Control Agency  
ATTN: Mr. Mark Schmitt, Project Manager  
Superfund Unit, Site Response Section  
Division of Solid and Hazardous Waste  
520 Lafayette Road  
St. Paul, Minnesota 55155

Dear Sir:

Reference letter, U.S. Environmental Protection Agency (EPA), October 12, 1990, subject: Annual Monitoring Report timetable.

This office concurs with referenced letter with the agreed upon change in submitting the Annual Monitoring Report. This will now be done on a fiscal year basis (October 1 - September 30). The letter has been signed by Mr. Martin R. McCleery, Remedial Project Manager, indicating this concurrence, and a copy is forwarded for your files.

Subject to the terms of the Federal Facility Agreement, Section XXI, pages 38 & 39, the Army Project Manager has the authority to request minor field modifications to procedures utilized in carrying out this Agreement, which are necessary to the completion of the project, if approved orally by all three Project Managers, which referenced letter implies.

The POC is Mr. Martin R. McCleery, Remedial Project Manager (RPM) or Mr. Michael R. Fix, Alternate RPM, (612) 633-2301, ext. 651 or 662.

Sincerely,

Theodore E. Schulte  
Contracting Officer's Representative

Enclosure



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 SOUTH DEARBORN ST.

CHICAGO, ILLINOIS 60604

REPLY TO THE ATTENTION OF:

SHS-11

307 1 1 1991

Mr. Martin R. McCleery  
Remedial Project Manager  
Twin Cities Army Ammunition Plant  
New Brighton, Minnesota 55112-5000

Dear Mr. McCleery:

As we agreed during the Technical Review Committee meeting of September 11, the Annual Monitoring Report will no longer be submitted to the United States Environmental Protection Agency (U.S. EPA) and Minnesota Pollution Control Agency (MPCA) Project Managers on a calendar year basis (January 1-December 31) as required by the FFA (Attachment 3, p.28). Henceforth it will be submitted on the basis of the federal fiscal year (October 1-September 30), beginning with the report for 1991.

This change will facilitate meeting the February 15 deadline for submittal. In addition, it should simplify the process that the Army must implement in contracting for the monitoring work.

If you have any questions please contact Tom Barounis at (312) 353-5577 or Mark Schmitt at (612) 296-7776.

Sincerely,

*Thomas Barounis*

Thomas Barounis  
Remedial Project Manager  
U.S. EPA  
Region V

*Thomas Barounis*

for Mark Schmitt, Ph.D  
Project Manager  
MPCA  
Responsible Party Unit 1  
Site Response Section  
Ground Water and Solid Waste  
Division

cc: Majid Chaudhry, PRC

Concur.

*Martin R. McCleery*

Martin R. McCleery  
Remedial Project Manager  
Twin Cities Army Ammunition Plant

**APPENDIX B**

**Well Designation Cross Reference Guide**

USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
----------------------------------	----------------	-------------------------------

BOYLE		
ROEBKE		107405
WATERGATE MARINA		139035
MODEL STONE		191942
PAPER CALMERSON		200148
U OF M GOLF COURSE		200154
ST. ANTHONY #1		200524
PLETSCHER		200525
NAZARETH		200531
ATKINSON MILL CO.		200602
GENERAL MILLS		200629
ST. ANTHONY #4		200803
ST. ANTHONY #3		200804
GROSS GOLF COURSE		200812
AMERICAN LINEN		200814
FRIDLEY #8		206669
FRIDLEY #9		206672
FRIDLEY #6		206673
CLOVER POND WELL		206688
JAMES K. O'NEIL		206689
FERNELIUS		206693
MINN E.S.		206702
MOUNDSVIEW		206720
MOUNDSVIEW #5		206722
SHORE #4		206750
MOUNDSVIEW H.S.		206787
NEW BRIGHTON #7		206791
NEW BRIGHTON #3		206793
NEW BRIGHTON #5		206796
NEW BRIGHTON #6		206797
LABELLE		231741
MENGELKOCH #2		231878
NBR 135		232067
UHIL		232069
REUBEN MEAT		233221
LOWRY GROVE TRAILER		233222
KOZAH'S MARKET		233241
MCGILLIS		233520
ROSELAWN CEMETARY		233533
DEWITT		234301
GLENN BEGGIN		234305
HIDE & TALLOW		234319



USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
	BRESKE	234327
	MENGELKOCH #3	234337
	GORDON	234350
	YEMPA	234351
	JACK LEE	234353
	LENTSCH'S ICE WK.	234353
	MENGELKOCH #1	234355
	NORDQUIST P43	234356
	PHILLIPS PET P46	234357
	ZELL OLS.	234386
	SHERER L.	234391
	DEWITT	234396
	KLAPP	234406
	HIDE & TALLOW	234409
	JACK LEE	234425
	CMIEL	234430
	HARSTAD	234431
	KEN SOLIE	234463
	HONEYWELL RIDGEWAY	234546
	HONEYWELL RIDGEWAY	234547
	OLD HOTEL	235539
	SHRINERS HOSPITAL	235619
	NWR	236122
	FLOUR CITY ARCH	265735
	ABBOTT NW HOSP	322664
	METAL-MATIC INC.	405651
	PCA2L3	409546
	PCA1U4	409547
	PCA2U4	409548
	PCA3U4	409549
	PCA6U3	409550
	PCA5U4	409555
	PCA4L3	409556
	PCA1L3	409557
	B109U3	409595
	B118U3	409596
	B118L3	409597
	B117U3	409598
04U414	EZ SELF SERVICE	500691
	118U4	191942

USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
03L001	S1L3	234137
03M001	S1M3	234136
03U001	S1U3	234135
04U001	S1U4	234138
03L002	S2L3	234141
03M002	S2M3	234140
03U002	S2U3	234139
04U002	S2U4	234194
01U003	S3U1	236176
03L003	S3L3	234144
03M003	S3M3	234143
03U003	S3U3	234142
04U003	S3U4	234193
PJ#003	S3PJ	236468
01U004	S4U1	234198
03M004	S4M3	234146
03L004	S4L3	234147
03U004	S4U3	234145
03L005	S5L3	236079
03M005	ST-5-M3	440885
03U005	S5U3	234148
PJ#006		
03U006	S6U3	234149
03L007	S7L3	234152
03M007	S7M3	234151
03U007	S7U3	234150
04U007	S7U4	234195
03U008	S8U3	234153
03U009	S9U3	234154
03L010	S10L3	234157
03M010	S10M3	234156
03U010	S10U3	234155
01U011	S11U1	234199
03U011	S11U3	234158
01U012	S12U1	234200
03L012	S12L3	234161
03M012	S12M3	234160
03U012	S12U3	234159
04U012	S12U4	234196
03L013	S13L3	234164
03M013	S13M3	234163

USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
03U013	S13U3	234162
03L014	S14L3	235748
03U014	S14U3	234165
03U015	S15U3	234166
03U016	S16U3	234167
03L017	S17L3	234170
03M017	S17M3	234169
03U017	S17U3	234168
03L018	S18L3	235749
03U018	S18U3	234171
03U019	S19U3	234172
03L020	S20L3	234175
03M020	S20M3	234174
03U020	S20U3	234173
04U020	S20U4	234197
03L021	S21L3	235750
03U021	S21U3	234176
01U022	S22U1	234201
03U022	S22U3	236178
03U023	S23U3	236179
03U024	S24U3	236180
03U025	S25U3	236181
03U026	S26U3	236182
03L027	S27L3	235751
03U027	S27U3	236183
04U027	S27U4	242138
PJ#027	S27PJ	236469
03L028	S28L3	235752
03U028	S28U3	236184
03L029	S29L3	235753
03L029		236066
03U029	S29U3	236185
03U030	S30U3	236186
03U031	S31U3	236187
03U032	S32U3	236188
01U033	S33U1	234202
01U034	S34U1	234204
01U035	S35U1	234205
01U036	S36U1	234206
01U037	S37U1	234207
01U038	S38U1	234208
01U039	S39U1	234209
01U040	S40U1	234210
01U041	S41U1	234211

USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
01U043	S43AU1	236177
01U044	S44U1	234212
01U045	S45U1	234215
01U046	S46U1	234216
01U047	S47U1	234217
01U048	S48U1	234218
01U050	S50AU1	234221
01U051	S51U1	234222
01U052	S52U1	234223
01U053	S53AU1	234225
01U054	S54AU1	234227
01U060	S60U1	234235
01U062	S62U1	234237
01U063	S63U1	234239
01U064	S64U1	234240
01U065	S65U1	234241
01U067	S67U1	234243
01U072	S72AU1	234250
PJ#074	S74PJ	235565
03U075	S75U3	236078
03U076	S76U3	236077
03L077	S77L3	236076
03U077	S77U3	236075
04J077		
04U077	ST-77-U4	426877
03L078	S78L3	236074
03U078	S78U3	236073
03L079	S79L3	242160
03U079	S79U3	236072
03L080	S80L3	236071
03L081	S81L3	236070
03U082	S82U3	236476
03U083	S83U3	236478
03L084	ST84L3	440887
03U084	S84U3	236069
01U085	S85U1	236479
03L086	S86L3	236068
03U087	S87U3	236480
03U088	S88U3	236482
03U089	S89U3	236483
03U090	S90U3	236485
03L091	S91L3	236067
03U092	S92U3	236487
03U093	S93U3	236489

USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
03U094	S94U3	236066
03U096	S96U3	236491
03U097	S97U3	236493
01U098	S98U1	236494
03U099	S99U3	236495
01U100	S100U1	236497
01U101	S101U1	236498
01U102	S102U1	236499
01U103	S103U1	236500
01U104	S104U1	236501
01U105	S105U1	236502
01U106	S106U1	236503
01U107	S170U1	236504
01U108	S108U1	236505
01U109	S109U1	236506
01U110	S110U1	236507
03U111	S111U3	236508
03U112	S112U3	236510
03L113	WF1L3	236080
03U113	WF1U3	242124
03U114	WF2U3	242125
01U115		472411
01U116		427412
01U117		427413
01U118		427414
01U119		427415
01U120		427410
03U121		440884
01U122		440888
03U124		440896
01U125		440889
01U126		440890
01U127		440891
01U128		440892
03U129		440886
01U130		440895
01U133		440893
01U135		447998
01U136		447999
03U301	SC1	
03F302	B1	426842
03F303	B2	426843

USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
03F304	B3	426844
03F305	B4	426845
03F306	B5	426846
03L306	306L3	447899
03F307	B6	426847
03F308	B7	
PJ#309	B8	
PJ#310	B9	
PJ#311	B10	
03F312	B11	
PJ#313	B12	
03U314	SC-2	
03U315	SC-3	
03U316	SC-4	
03U317	SC-5	
PJ#318	318U4	447894
04U322	322U4	508115
PJ#501		206754
PJ#502		206756
PJ#503		206758
PJ#504		206724
03M505		231857
PJ#507		206755
PJ#508		206759
03M509		206760
04U510		231742
03U521		114410
03L522		221854
03L523		221855
01U524	FA4U1	236194
01U525	FW5U1	236196
01U526	FV12U1	236197
01U527	FV8U1	236195
01U601	OW101U1	236189
01U602	OW102U1	236190
01U603	OW103U1	236191
01U604	OW104U1	236192
01U605	OW10571	236193
PJ#605		206753
01U607	OW107U1	242127
01U608	OW108U1	242128
01U609	OW109U1	242129

USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
01U610	OW110U1	242130
01U611	OW111U1	242131
01U612	OW112U1	194758
01U613	OW113U1	194759
01U615	OW115U1	194760
01U616	OW116U1	194761
01U617	OW117U1	194770
01U618	OW118U1	194771
01U619	PW119U1	194772
01U620	OW120U1	194701
01U621	PW121U1	194702
01U622	OW122U1	194703
01U623	OW123U1	194704
01U624A	BP185A	242182
01U624B	BP185B	242183
01U624C	BP185C	242184
01U624D	BP185D	242185
01U625A	BP285A	242186
01U625B	BP285B	242187
01U625C	BP285C	242188
01U625D	BP285D	242189
01U626A	BP385A	242190
01U626B	BP385B	242191
01U626C	BP385C	242192
01U626D	BP385D	242193
01U627A	BP485A	242194
01U627B	BP485B	242195
01U627C	BP485C	242196
01U627D	BP485D	242197
01U628A	BP585A	242198
01U628B	BP585B	242199
01U628C	BP585C	242200
01U628D	BP585D	242201
01U631	OW501U1	194720
01U632	OW502U1	194721
01U634	OW504U1	194716
01U635	OW505U1	194722
01U636	OW506U1	194723
01U638	OW508U1	194717
01U639	OW509U1	194718
01U640	OW510U1	194719
01U642	OW512U1	194724
03U647		242132
03U648		242133

USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
01U652	OW522U1	242134
01U653		
03U658		421426
03U659		421425
01U666	OW536U1	242135
01U667	OW537U1	242136
01U668	OW538U1	242137
03U671	PO-1	421438
03U672	PD2U3	421440
03L673	PD3L3	426815
03U673	PD3U3	421441
04U673	PD3U4	426867
03U674	OW541U3	
03U701	701U3	426848
04U701	701U4	426849
03U702	702U3	426850
04J702		
04U702	702U4	426876
03U703	703U3	426878
03U704	704U3	426883
03U705	705U3	426884
03U706	706U3	426885
03U707	707U3	426886
03U708	708U3	426879
04J708		
04U708	708U4	426880
03U709	709U3	426881
04U709	709U4	426882
03U710	710U3	434032
03U711	711U3	434033
04U711	711U4	434031
04J713		
04U713		
04J714		
04U714		
03U715	SM1	
03U716	SM2	
03L801	321L3	434039
03L802	T2L3	426817
03M802	T2M3	426818
03U801	T1U3	236449
04U802	T2U4	236450



	USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
	PJ#802	T2PJ	421437
	01U803	T3U1	424053
○ 3L803	03U803	T3U3	421434
	<del>01U805</del>	T5U1	424060
	03U804	T4U3	421433
	03U805	T5U3	421432
	01U806	T6U1	424058
	03L806	T6L3	421429
	03M806	T6M3	421430
	03U806	T6U3	421431
	04U806	T6U4	421428
	PJ#806	T6PJ	421427
	01U807	T7U1	424059
	01U808	T8U1	424057
	03L809	T9L3	426868
	01L811	H1L1	424055
	03L811	H1L3	426809
	03U811	H1U3	426808
	01L813	H3L1	424062
	01U813		242153
	03L813	H3L3	426816
	03U815	H5U3	426862
	01L816	H6L1	424056
	01L821	NW1L1	424054
	03U821	NW1U3	426810
	04U821	NW1U4	426811
	01L822	NW2L1	424052
	03L822	NW2L3	426813
	03U822	NW2U3	426812
	01L823	NW3L1	424061
	03U824	NW4U3	426814
	03U831	OM1U3	426863
	03L832	OM2L3	426865
	03U832	OM2U3	426864
	04U832	OM2U4	426866
	03L841	301L3	434037
	04U841	301U4	426851
	04U842	305U4	426855
	03L843	308L3	416199
	03M843	303M3	426852
	04U843	303U4	426853
	04U844	304U4	426854
	04U845	305U4	426855
	03L846	306L3	447899

USATHAMA IRDMS Designation	Common Name	Minnesota Unique Number
04U846	306U4	426856
04U847	307U4	426857
03L848	308L3	416199
03M848	308M3	416051
04U848	308U4	416078
04U849	309U4	416082
04U850	310U4	416200
04U851	311U4	406198
04U852	312U4	416080
03L853	313L3	426858
03L854	314L3	426859
04U854	314U4	439701
04U855	315U4	426860
03L856	316L3	426861
03L858	318L3	416081
03L859	319L3	434040
04U859	319U4	434036
03L860	320L3	434038
04U860	320U4	434035
03L861	321L3	434039
04U861	321U4	434034
04U871	401U4	447889
04U872	402U4	447988
04U875	405U4	447898
04U877	407U4	447896
04U879	409U4	447900
04U880	410U4	447895
04U881	411U4	447891

**APPENDIX C**

**1990 Groundwater Level Monitoring Plan**

TABLE 7

1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
A	01U022		---	X 1	---	---
	01U037		Refer to Site B			
	01U038		---	X 1	---	---
	01U039		---	X 1	---	---
	01U040		---	X 1	---	---
	01U041		---	X 1	---	---
	01U063		---	X 1	---	---
	01U067		---	X 1	---	---
	01U102		---	X 1	---	---
	01U103		---	X 1	---	---
	01U104		---	X 1	---	---
	01U105		---	X 1	---	---
	01U106		---	X 1	---	---
	01U107		---	X 1	---	---
	01U108		---	X 1	X 1	X 1
	01U109		---	X 1	---	---
	01U110		---	X 1	---	---
	01U115		---	X 1	X 1	X 1
	01U116		---	X 1	---	---
	01U117		---	X 1	---	---
	01U118		---	X 1	---	---
	01U119		---	X 1	---	---
	01U120		---	X 1	---	---
01U125		---	X 1	---	---	
01U126		---	X 1	---	---	
01U127		---	X 1	---	---	
01U133		---	X 1	---	---	
01U135		---	X 1	---	---	
01U136		---	X 1	---	---	
01U350		---	X 1	---	---	
01U901		---	X 1	X 1	X 1	
01U902		---	X 1	X 1	X 1	
	03U022		Refer to Site B			
	03U023		---2	X 3	---	---

NOTE: ALL SITE A  
 UNIT 1 WELLS  
 EXCEPT 01U063,  
 01U135, AND 01U136  
 WERE MEASURED  
 MONTHLY DURING  
 JANUARY - SEPTEMBER  
 OF 1990.

WORK ACTUALLY PERFORMED {  
 1 = MEASURED FOR FCC  
 2 = MEASURED FOR ALLIANT TECHSYSTEMS, INC.  
 3 = MEASURED FOR BOTH FCC AND ALLIANT TECHSYSTEMS, INC.  
 □ = ABSENT FROM DATABASE.

TABLE 7

1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
B	01U011		---	X 1	---	---
	01U022		Refer to Site A			
	01U033		---	X 1	---	---
	01U034		---	X 1	---	---
	01U035		---	X 1	---	---
	01U036		---	X 1	---1	---1
	01U037		---	X 1	---1	---1
	01U100		---	X 1	---	---
	01U101		---	X 1	---1	---1
	01U122		---	X 1	---	---
	03U011		--- 2	X 3	---	---
	03U022		--- 2	X 3	---	---
	03U082		--- 2	X 3	---	---
	<del>03U533</del>		---	X	---	---
	<del>03U534</del>		---	X	---	---
} ABANDONED PRIOR TO 1990						
C	01U043		---	X 1	---	---
	01U045		---	X 1	---	---
	01U046		---	X 1	---	---
	01U085		---	X 1	---	---
	03U024		--- 2	X 3	---	---
	03U025		--- 2	X 3	---	---
	03U083		--- 2	X 3	---	---
D	03U017		--- 2	X(H) 2	---	X(H)
	03U018		--- 2	X(H) 2	---	X(H)
	03U093		--- 2	X(H) 2	X(H) 2	X(H)
	03U096		--- 2	X(H) 2	---	X(H)
	03U314		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U315		X(H) 2	X(H) 2	X(H) 2	X(H)
	03M017		--- 2	X(H) 2	---	X(H)
	03L017		--- 2	X(H) 2	---	X(H)
	03L018		--- 2	X(H) 2	---	X(H)
03L091		Refer to Site 129-15				

TABLE 7

1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
E	03U015		--- 2	X 3	---	---
	03U088		--- 2	X 3	---	---
	03U089		--- 2	X 3	---	---
	<del>03U530</del>			X	---	---
	03U704		X(H) 2	X 3	--- 2	---
	03U705		--- 2	X 3	X 1	X 1
	03L522		---	X	---	---
	03L523		---	X 1	---	---
						ABANDONED PRIOR TO 1990
						NOT ACCESSIBLE
F	03U019		--- 2	X 3	--- 1	---
	03U026		--- 2	X 1	X 1	X 1
	03U090		Refer to Site 129-15			
	03U092		--- 2	X 3	---	---
	03U112		--- 2	X 3	--- 1	--- 1
	03U113		--- 2	X 3	--- 1	---
	03U114		---	X 1	X 1	X 1
	03U121		---	X 1	--- 1	--- 1
	<del>03U535</del>			X	---	---
	03U716		X 2	X 2	X 2	X
	03L113		--- 2	X 3	--- 1	---
						ABANDONED PRIOR TO 1990
						INADVERTENTLY OMITTED BY STS
G	03U014		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U019		Refer to Site F			
	03U020		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U092		Refer to Site F			
	03U094		--- 2	X(H) 2	---	X(H)
	03U114		Refer to Site F			
	03U316		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U317		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U715		X(H) 2	X(H) 2	X(H) 2	X(H)
	03M020		X(H) 2	X(H) 2	X(H) 2	X(H)
	03L014		--- 2	X(H) 2	---	X(H)
	03L020		X(H) 2	X(H) 2	X(H) 2	X(H)
	04U020		X(H) 2	X(H) 2	X(H) 2	X(H)
PJ#074		--- 2	---	---	---	
PJ#508		---	---	---	---	

TABLE 7

1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
H	01U060		---	X 1	---	---
	01U098		---	X 1	---	---
	03U005		--- 2	X 3	---	---
	03U099		---	X 1	---	---
	03M005		--- 2	X 3	---	---
	03L005		--- 2	X 3	---	---
I	01U003		Refer to SW Boundary			
	01U004		---	---	---	---
	01U053		Refer to SW Boundary			
	01U054		---	---	---	---
	01U064		---	X(H)	---	X(H)
	01U525		---	---	---	---
	01U631		---	---	---	---
	01U632		---	---	---	---
	01U634		---	---	---	---
	01U635		---	---	---	---
	01U636		---	X(H)	---	X(H)
	01U638		---	---	---	---
	01U639		---	---	---	---
	01U640		---	X(H)	---	X(H)
	01U642		---	---	---	---
	01U652		---	---	---	---
	01U666		---	---	---	---
	01U667		---	---	---	---
	01U668		---	---	---	---
		03U003		Refer to SW Boundary		
	03U004		--- 2	X(H) 2	---	X(H)
	03U027		--- 2	X(H) 2	---	X(H)
	03U028		--- 2	X(H) 2	---	X(H)
	03U029		--- 2	X(H) 2	---	X(H)
	03U030		--- 2	X(H) 2	---	X(H)
	03U078		Refer to SW Boundary			
	03U079		Refer to SW Boundary			

TABLE 7

## 1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
I (cont.)	03U301		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U313		---	---	---	---
	03U528		---	---	---	---
	03U647		--- 2	X(H) 2	---	X(H)
	03U648		--- 2	X(H) 2	---	X(H)
	03U658		--- 2	X(H) 2	---	X(H)
	03U659		--- 2	X(H) 2	---	X(H)
	03U672		Refer to SW Boundary			
	03U674		--- 2	X(H) 2	---	X(H)
	03U675		---	---	---	---
	03U703		Refer to SW Boundary			
	03U710		Refer to SW Boundary			
	03M003		Refer to SW Boundary			
	03M004		--- 2	X(H) 2	---	X(H)
	03M509		---	---	---	---
	03L003		Refer to SW Boundary			
	03L004		--- 2	X(H) 2	---	X(H)
	03L027		--- 2	X(H) 2	---	X(H)
	03L028		--- 2	X(H) 2	---	X(H)
	03L029		--- 2	X(H) 2	---	X(H)
	03L078		Refer to SW Boundary			
	03L079		Refer to SW Boundary			
	03L080		--- 2	X(H) 2	---	X(H)
	04U003		Refer to SW Boundary			
	04U027		--- 2	X(H) 2	---	X(H)
	PJ#003		Refer to SW Boundary			
	PJ#027		--- 2	X(H) 2	---	X(H)
PJ#509		---	---	---	---	
J	01U050		---	X 1	---	---
	01U051		---	X 1	---	---
	01U053		---	X 1	---	---
	01U054		---	X 1	---	---
	01U062		---	X 1	---	---
	01U524		---	X 1	---	---
	01U525		---	X 1	---	---
	01U526		---	X 1	---	---
01U527		---	X 1	---	---	



TABLE 7

1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
K	01U047		---	X(H)	---	X(H)
	01U048		---	X(H)	---	X(H)
	01U052		---	X(H)	---	X(H)
	01U065		---	X(H)	---	X(H)
	01U128		---	X(H)	---	X(H)
	01U601		---	X(H) <sup>2</sup>	---	X(H)
	01U602		---	X(H)	---	X(H)
	01U603		---	X(H) <sup>2</sup>	---	X(H)
	01U604		---	X(H) <sup>2</sup>	---	X(H)
	01U605		---	X(H) <sup>2</sup>	---	X(H)
	01U607		---	X(H) <sup>2</sup>	---	X(H)
	01U608		---	X(H)	---	X(H)
	01U609		---	X(H)	---	X(H)
	01U610		---	X(H)	---	X(H)
	01U611		---	X(H) <sup>2</sup>	---	X(H)
	01U612		---	X(H) <sup>2</sup>	---	X(H)
	01U613		---	X(H) <sup>2</sup>	---	X(H)
	01U615		---	X(H) <sup>2</sup>	---	X(H)
	01U616		---	X(H) <sup>2</sup>	---	X(H)
	01U617		---	X(H) <sup>2</sup>	X(H) <sup>2</sup>	X(H)
	01U618		---	X(H) <sup>2</sup>	---	X(H)
	01U619		---	X(H) <sup>2</sup>	---	X(H)
	01U620		---	X(H) <sup>2</sup>	---	X(H)
	01U621		---	X(H) <sup>2</sup>	X(H) <sup>2</sup>	X(H)
	01U622		---	X(H)	---	X(H)
	01U623		---	X(H) <sup>2</sup>	---	X(H)
	01U624		---	X(H) <sup>2</sup>	---	X(H)
	01U625		---	X(H) <sup>2</sup>	---	X(H)
	01U626		---	X(H) <sup>2</sup>	---	X(H)
	01U627		---	X(H) <sup>2</sup>	---	X(H)
	01U628		---	X(H) <sup>2</sup>	---	X(H)
	03U013		---	X(H) <sup>2</sup>	---	X(H)
03U075		---	X(H) <sup>2</sup>	---	X(H)	
03U076		---	X(H) <sup>2</sup>	---	X(H)	
03M013		---	X(H) <sup>2</sup>	---	X(H)	
03L013		---	X(H) <sup>3</sup>	---	X(H)	

WELL DOES NOT EXIST

TABLE 7

1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
129-3	03U087		--- 2	X 3	---	---
	03U521		---	X 1	---	---
129-5	01U072		---	X 1	---	---
	03U097		---	X 1	---	---
	03U111		--- 2	X 3	---	---
	03U129		---	X 1	---	---
	<del>03U536</del>				X	
ABANDONED PRIOR TO 1990						
129-15	03U016		--- 2	X 3	---	---
	03U032		--- 2	X 3	X 1	X 1
	03U090		--- 2	X 3	---	---
	03U124		---	X 1	X 1	X 1
	03L091		---	X 1	---	---
SW Bdry	01U003		---	X(H)	---	X(H)
	01U053		---	---	---	---
	01U130		---	---	---	---
	03U001		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U002		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U003		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U021		--- 2	X(H) 2	---	X(H)
	03U077		--- 2	X(H) 2	---	X(H)
	03U078		--- 2	X(H) 2	---	X(H)
	03U079		--- 2	X(H) 2	---	X(H)
	03U084		--- 2	X(H) 2	---	X(H)
	03U671		--- 2	X(H) 2	---	X(H)
	03U672		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U673		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U701		--- 2	X(H) 2	---	X(H)
	03U702		--- 2	X(H) 2	---	X(H)
	03U703		--- 2	X(H) 2	---	X(H)
	03U708		--- 2	X(H) 2	---	X(H)
	03U709		--- 2	X(H) 2	---	X(H)
	03U710		--- 2	X(H) 2	---	X(H)
	03U711		X(H) 2	X(H) 2	X(H) 2	X(H)
	03U801		X(H) 2	X(H) 2	X(H) 2	X(H)
03U803		--- 2	X(H) 2	---	X(H)	
03U804		--- 2	X(H) 2	---	X(H)	
03U805		--- 2	X(H) 2	---	X(H)	
03U806		X(H) 2	X(H) 2	X(H) 2	X(H)	

TABLE 7

## 1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
SW Bdry (cont.)	03M001		X(H) 2	X(H) 2	X(H) 2	X(H)
	03M002		X(H) 2	X(H) 2	X(H) 2	X(H)
	03M003		X(H) 2	X(H) 2	X(H) 2	X(H)
	03M004		--- 2	X(H) 2	---	X(H)
	03M713		X(H) 2	X(H) 2	X(H) 2	X(H)
	03M802		X(H) 2	X(H) 2	X(H) 2	X(H)
	03M806		X(H) 2	X(H) 2	X(H) 2	X(H)
	03L001		X(H) 2	X(H) 2	X(H) 2	X(H)
	03L002		X(H) 2	X(H) 2	X(H) 2	X(H)
	03L003		X(H) 2	X(H) 2	X(H) 2	X(H)
	03L021		--- 2	X(H) 2	---	X(H)
	03L077		--- 2	X(H) 2	---	X(H)
	03L078		--- 2	X(H) 2	---	X(H)
	03L079		--- 2	X(H) 2	---	X(H)
	03L084		--- 2	X(H) 2	---	X(H)
	03L673		X(H) 2	X(H) 2	X(H) 2	X(H)
	03L802		X(H) 2	X(H) 2	X(H) 2	X(H)
	03L806		X(H) 2	X(H) 2	X(H) 2	X(H)
	03L809		Refer to Off-Post			
	03F302			X(H) 2	X(H) 2	X(H) 2
03F303			X(H) 2	X(H) 2	X(H) 2	X(H)
03F304			X(H) 2	X(H) 2	X(H) 2	X(H)
03F305			X(H) 2	X(H) 2	X(H) 2	X(H)
03F306			X(H) 2	X(H) 2	X(H) 2	X(H)
03F307			X(H) 2	X(H) 2	X(H) 2	X(H)
03F308			X(H) 2	X(H) 2	X(H) 2	X(H)
03F312			X(H) 2	X(H) 2	X(H) 2	X(H)

TABLE 7

1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
SW Bdry (cont.)	04U001		X(H) 2	X(H) 2	X(H) 2	X(H)
	04U002		X(H) 2	X(H) 2	X(H) 2	X(H)
	04U003		X(H) 2	X(H) 2	X(H) 2	X(H)
	04U077		--- 2	X(H) 3	--- 1	---
	04U673		X(H) 2	X(H) 2	X(H) 2	X(H)
	04U701		--- 2	X(H) 2	---	X(H)
	04U702		--- 2	X(H) 2	---	X(H)
	04U708		--- 2	X(H) 2	---	X(H)
	04U709		--- 2	X(H) 2	---	X(H)
	04U711		X(H) 2	X(H) 2	X(H) 2	X(H)
	04U713		X(H) 2	X(H) 2	X(H) 2	X(H)
	04U714		X(H) 2	X(H) 2	X(H) 2	X(H)
	04U802		X(H) 2	X(H) 2	X(H) 2	X(H)
	04U806		X(H) 2	X(H) 2	X(H) 2	X(H)
	04J077		--- 2	X(H) 2	---	X(H)
	04J702		--- 2	X(H) 2	---	X(H)
	04J708		--- 2	X(H) 2	---	X(H)
	04J713		X(H) 2	X(H) 2	X(H) 2	X(H)
	04J714		X(H) 2	X(H) 2	X(H) 2	X(H)
	PJ#003		X(H) 2	X(H) 2	X(H) 2	X(H)
	PJ#309		X(H) 2	X(H) 2	X(H) 2	X(H)
	PJ#310		X(H) 2	X(H) 2	X(H) 2	X(H)
PJ#311		X(H) 2	X(H) 2	X(H) 2	X(H)	
PJ#313		X(H) 2	X(H) 2	X(H) 2	X(H)	
PJ#802		X(H) 2	X(H) 2	X(H) 2	X(H)	
PJ#806		X(H) 2	X(H) 2	X(H) 2	X(H)	
Misc. Wells	01U012		---	X 1	---	---
	01U044		---	X 1	---	---
	<del>01U537</del>		<del>---</del>	<del>X</del>	<del>---</del>	<del>---</del>
	<del>01U538</del>		<del>---</del>	<del>X</del>	<del>---</del>	<del>---</del>
	01U675		---	X	---	---

} ABANDONED  
PRIOR TO  
1990

TABLE 7

1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
Misc. Wells (cont.)	03U006		--- 2	X 3	---	---
	03U007		X 2	X 3	X 3	<input checked="" type="checkbox"/> INADVERTENTLY OMITTED BY STS
	03U008		--- 2	X 3	---	---
	03U009		--- 2	X 3	---	---
	03U010		--- 2	X 3	---	---
	03U012		X(H) 2	X(H) 2	X(H) 2	<input checked="" type="checkbox"/>
	03U031		--- 2	X(H) 2	---	<input checked="" type="checkbox"/>
	<del>03U531</del>		---	X	---	---
	<del>03U532</del>		---	X	---	---
	03U706		X(H) 2	X(H) 2	X(H) 2	<input checked="" type="checkbox"/>
	03U707		--- 2	X(H) 2	---	<input checked="" type="checkbox"/>
	OW543U3		---	X(H)	---	<input checked="" type="checkbox"/>
	03M007		X 2	X 3	X 3	<input checked="" type="checkbox"/> OMITTED BY STS
	03M010		--- 2	X 1	---	---
	03M012		X(H) 2	X(H) 2	X(H) 2	<input checked="" type="checkbox"/>
03M505		---	X	---	---	
03M532		---	X	---	---	
03L007		X 2	X 3	X 3	<input checked="" type="checkbox"/> OMITTED BY STS	
03L010		--- 2	X 1	---	---	
03L012		X(H) 2	X(H) 2	X(H) 2	<input checked="" type="checkbox"/>	
03L081		--- 2	X(H) 2	---	<input checked="" type="checkbox"/>	
03L086		---	X 1	--- 1	---	
03L137		---	X 1	X 1	X 1	
03L138		---	X 1	X 1	X 1	
04U007		X 2	X 2	X 2	X 1	
04U012		X(H) 2	X(H) 2	X(H) 2	<input checked="" type="checkbox"/>	
04U510		--- 2	X 3	---	---	
PJ#501		---	---	---	---	
PJ#502		---	---	---	---	
PJ#503		---	---	---	---	
PJ#506		---	---	---	---	
PJ#507		---	---	---	---	
Staff Gauge 1		---	<input checked="" type="checkbox"/>	---	<input checked="" type="checkbox"/>	
Staff Gauge 2		---	<input checked="" type="checkbox"/>	---	<input checked="" type="checkbox"/>	
Staff Gauge 3		---	<input checked="" type="checkbox"/>	---	<input checked="" type="checkbox"/>	

TABLE 7

## 1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
Off- Post	01L811		---	X 1	---	---
	01L813		---	X 1	---	---
	01L816		---	X 1	---	---
	01L821		---	X 1	---	---
	01L822		---	X 1	---	---
	01L823		---	X 1	---	---
	01U901		Refer to Site A			
	01U902		Refer to Site A			
	03U672		Refer to SW Boundary Area			
	03U673		Refer to SW Boundary Area			
	03U711		Refer to SW Boundary Area			
	03U801		Refer to SW Boundary Area			
	03U804		Refer to SW Boundary Area			
	03U805		Refer to SW Boundary Area			
	03U806		Refer to SW Boundary Area			
	03U811			---	X 1	---
	03U821			---	X 1	---
	03U822			---	X 1	---
	03U824			---	X 1	---
	03U831			---	X 1	---
	03U832			---	X 1	---
	<del>03U841</del>			---	X	---
					WELL DOES NOT EXIST	
	03M843		---	X 1	---	
	03M848		---	X 1	---	
	03L673		Refer to SW Boundary Area			
	03L802		Refer to SW Boundary Area			
	03L806		Refer to SW Boundary Area			
	03L809		---	X 3	---	
	03L811		---	X 1	---	
	03L813		---	X 1	---	
	03L822		---	X 1	---	
	03L832		---	X 1	---	
	03L841		---	X 2	---	
	03L846		---	X 1	---	
	03L848		---	X 1	---	
	03L853		---	X 1	---	
	03L854		---	X 1	---	
	03L856		---	X 1	---	
	03L858		---	X 1	---	
	03L859		---	X 1	---	
	03L860		---	X 1	---	
	03L861		---	X 1	---	

TABLE 7

## 1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
Off- Post (cont.)	04U673		Refer to SW Boundary Area			
	04U711		Refer to SW Boundary Area			
	04U806		Refer to SW Boundary Area			
	04U821		---	X 1	X 1	X 1
	04U832		---	X 1	---	---
	04U841		---	X 2	---	---
	04U843		---	X 1	---	---
	04U844		---	X 1	---	---
	04U845		---	X 1	---	---
	04U846		---	X 1	---	---
	04U847		---	X 3	---	---
	04U848		---	X 1	---	---
	04U849		---	X 1	---	---
	04U850		---	X 1	---	---
	04U851		---	X 1	---	---
	04U852		---	X 1	---	---
	04U854		---	X 1	---	---
	04U855		---	X 1	---	---
	04U859		---	X 1	---	---
	04U860		---	X 1	---	---
	04U861		---	X 1	---	---
	04U871		---	X 1	---	---
	04U872		---	X 1	---	---
	04U875		---	X 1	---	---
	04U877		---	X 1	---	---
	04U879		---	X 1	---	---
	04U880		---	X 1	---	---
	04U881		---	X 1	---	---
	04U882		---	X 1	---	---
	04U883		---	X 1	---	---
	134318		---	---	---	
	139035	Watergate Marina	---	---	---	
	191942	Model Stone	---	---	---	
	<del>200148</del>	<del>Paper Calmerson</del>	---	X(2)	---	
	200154	UM Golf Course	---	---	---	
	200264		---	---	---	
	200524	St. Anthony #5	---	---	---	
	200602	Atkinson Mill	---	---	---	
	200629	General Mills	---	---	---	
	200803	St. Anthony #4	---	---	---	
	200804	St. Anthony #3	---	---	---	
	<del>200812</del>	<del>Gross Golf</del>	---	X(2)	X(2)	
	200814	Amer. Linen	---	---	---	

PUMP DECOMMISSIONED  
NO ACCESS

NOT ACCESSIBLE

TABLE 7

## 1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
Off-Post (cont.)	201082		---	---	---	---
	<del>206688</del>	<del>Cloverpond</del>	---	X(2)	X(2)	X(2)
	206787	MV High School	---	X(2)	X(2)	X(2)
	206791	New Brighton #7	---	X(2)	---	---
	200793	New Brighton #3	---	X(2)	---	---
	206797	New Brighton #6	---	X(2)	---	---
	233221	Reuben Meat	---	X(2)	---	---
	233222	Lowry Gr. Trailer	---	---	---	---
	233533	Roselawn Cemetary	---	---	---	---
	234319	Hide & Tallow #1	---	---	---	---
	234335	Mengelkoch #1	---	X(2)	---	---
	234353	Lentsch Ice	---	---	---	---
	234356	Nordquist P43	---	---	---	---
	234357	Phillips Pet. P46	---	---	---	---
	234406	Klapp	---	---	---	---
	234425	Lee	---	---	---	---
	234430	Cmiel	---	---	---	---
	234463		---	---	---	---
	234546	Hnywell Ridgway	---	X(2)	---	---
	234547	Hnywell Ridgway	---	X(2)	---	---
	235539		---	---	---	---
	<del>235619</del>	<del>Shriners Hosp.</del>	---	X(2)	---	---
	235735	Flour City Arch	---	---	---	---
	236122	NWRU4	---	---	---	---
	322664	Abbott NW Hosp.	---	---	---	---
	405651	Metal-Matic	---	X(2)	---	---
	409546	PCA2L3	---	X 1	---	---
	409547	PCA1U4	---	X 1	X 1	X 1
	409548	PCA2U4	---	X 1	---	---
	409549	PCA3U4	---	X 1	---	---
	409550	PCA6U3	---	X 3	---	---
	409555	PCA5U4	---	X 1	---	---
	409556	PCA4L3	---	X 1	---	---
	409557	PCA1L3	---	X 1	---	---
	409595		---	---	---	---
	409596	BS118U3	---	X(2) 1	---	---
	409597	BS118L3	---	X(2) 1	---	---
	409598		---	---	---	---
	500691	414U4	---	X(2) 1	X(2) 1	X(2) 1
	508115	322U4	---	X(2) 1	X(2) 1	X(2) 1
	BOYLE		---	---	---	---
	MNDOT		---	---	---	---
	PJ#318		---	X(2) 1	---	---



TABLE 7

1990 GROUNDWATER LEVEL MONITORING PLAN

Site	Well I.D.	Common Name	Frequency			
			Q25(1) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
-----	-----	-----	-----	-----	-----	-----

- NOTES: (1) The monitoring indicated for Quarter 25 was completed in January 1990.  
 (2) Water level will be measured if the wellhead is accessible.  
 (H) Indicates that the monitoring will be conducted by Honeywell, Inc.

**APPENDIX D**

**Condensed 1990 Groundwater Quality Monitoring Plan**

NOTE: THE CONDENSED PLAN LISTS ONLY THOSE WELLS SELECTED FOR SAMPLING IN 1990, RATHER THAN ALL WELLS AT THE SITE

From: 1990 ANNUAL MONITORING PLAN, APRIL 1990, FINAL: MAY 1990.

TABLE 6

CONDENSED 1990 GROUNDWATER QUALITY MONITORING PLAN (\*)

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q25(2) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
A	01U039		---	1,7	---	---
	01U102		---	1,7	---	---
	01U103		---	1,7	---	---
	01U107		---	1,7	---	---
	01U108		+	1,7	1,7	1,7
	01U115		---	1,7	1,7	1,7
	01U116		---	1,7	---	---
	01U117		---	1,7	---	---
	01U118		---	1,7	---	---
	01U120		---	1,7	---	---
	01U125		---	1,7	---	---
	01U126		---	1,7	---	---
	01U127		---	1,7	---	---
	01U133		---	1,7	---	---
01U135		---	1,7	---	---	
01U136		---	1,7	---	---	
01U901		---	1,7	1,7	1,7	
01U902		+	1,7	1,7	1,7	
03U023		---	1,7	---	---	
B	01U037		---	1	---	---
	03U082		---	1	---	---
C	01U085		---	1,7	---	---
	03U083		---	1,7	---	---
D	03U017		---	1(H)	---	---
	03U018		1(H)	1(H)	---	---
	03U093		---	1(H)	1(H)	1(H)
	03U096		---	1(H)	1(H)	1(H)
	03U314		4, 4, 3, 2, 1(H)	1(H)	1(H)	1(H)
	03U315		9, 4, 3, 2, 1(H)	1(H)	1(H)	1(H)
	03M017		---	1(H)	---	---
	03L017		---	1(H)	---	---
03L018		---	1(H)	---	---	
E	03U015		---	1	---	---
	03U088		---	1	---	---
	03U089		---	1	---	---
	<del>03U530</del>		---	<del>1</del>	---	---
	03U704		1(H)	1	---	---
	03U705		---	1	1	1
	03L523		---	1	---	---

INADVERTENTLY OMITTED BY STS

NOTE: SITE A WELLS 01U108, 01U350, AND 01U902 WERE SAMPLED MONTHLY DURING JANUARY - SEPTEMBER OF 1990, FOR CATEGORY 1 PARAMETERS.

ABANDONED PRIOR TO 1990

☐ = ABSENT FROM DATABASE

TABLE 6

## CONDENSED 1990 GROUNDWATER QUALITY MONITORING PLAN (\*)

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q25(2) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
F	03U019		---	1,7	2	---
	03U026		---	1,7	1,7,2	1,7
	03U092		---	1,7	---	---
	03U112		---	1,4,7	2	---
	03U113		---	1,7	2	---
	03U114		---	1,7	1,7,2	1,7
	03U121		---	1,4,7	2	---
	03L113		---	1,7	2	---
	G	03U014		1(H)	1(H)	1(H)
03U020			---	1(H)	---	---
03U316		9,4,3,2,1(H)	1(H)	1(H)	1(H)	1(H)
03U317		9,4,3,2,1(H)	1(H)	1(H)	1(H)	1(H)
03M020			---	1(H)	---	---
03L020			---	1(H)	---	---
04U020			---	1(H)	---	---
H		01U060		---	1,7	---
	01U098		---	1,7	---	---
	03U005		---	1,7	---	---
	03U099		---	1,7	---	---
	03L005		---	1,7	---	---
	I	01U064		---	1(H)	---
01U636			---	5(H)	---	---
01U640			---	5(H)	---	---
03U004			---	1(H)	---	---
03U027			---	1(H)	---	---
03U028			---	1(H)	---	---
03U029			---	1(H)	---	---
03U030			---	1(H)	---	---
03U301		9,4,3,2,1(H)	1(H)	1(H)	1(H)	1(H)
03U658			---	1(H)	---	---
03U659			---	1(H)	---	---
03L080			---	1(H)	---	---
04U027			---	1(H)	---	---
J		01U526		---	1	---

TABLE 6

## CONDENSED 1990 GROUNDWATER QUALITY MONITORING PLAN (\*)

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q25(2) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
K	01U604		---	1(H)	---	---
	01U611		---	1(H)	---	---
	01U615		---	1(H)	---	---
	01U617		1(H)	1(H)	1(H)	1(H)
	01U618		---	1(H)	---	---
	01U619		---	1(H)	---	---
	01U621		1(H)	1(H)	1(H)	1(H)
	03U075		---	1(H)	1(H)	---
129-3	03U521		---	1,4	4	---
129-5	03U097		---	1	---	---
129-15	03U016		---	1,7	---	---
	03U032		---	1,7	1,7, 2	1,7
	03U090		---	1,7	1,7, 2	---
	03U124		---	1,7	1,7	1,7
	03L091		---	1,7	---	---
SW Bdry	03U003		1(H)	1(H)	1(H)	1(H)
	03U021		---	1(H)	---	---
	03U077		---	1(H)	---	---
	03U078		---	1(H)	---	---
	03U079		---	1(H)	---	---
	03U084		---	1(H)	---	---
	03U671		---	1(H)	---	---
	03U672		1(H)	1(H)	1(H)	1(H)
	03U701		---	1(H)	---	---
	03U702		---	1(H)	---	---
	03U703		---	1(H)	---	---
	03U708		---	1(H)	---	---
	03U709		---	1(H)	---	---
	03U710		---	1(H)	---	---
	03U711		1(H)	1(H)	1(H)	1(H)
	03U801		---	1(H)	---	---
	03U804		---	1(H)	---	---
	03U805		---	1(H)	---	---
	03U806		---	1(H)	---	---
	03M806		---	1(H)	---	---

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Now FIXED

TABLE 6

## CONDENSED 1990 GROUNDWATER QUALITY MONITORING PLAN (\*)

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q25(2) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
SW Bdry (cont.)	03L001		1(H)	1(H)	1(H)	1(H)
	03L002		---	1(H)	---	---
	03L021		---	1(H)	---	---
	03L077		---	1(H)	---	---
	03L078		---	1(H)	---	---
	03L079		---	1(H)	---	---
	03L084		---	1(H)	---	---
	03L673		---	1(H)	---	---
	03L802		1(H)	1(H)	1(H)	1(H)
	03L806		1(H)	1(H)	1(H)	1(H)
	03F302		1(H)	1(H)	1(H)	1(H)
	03F303		1(H)	1(H)	1(H)	1(H)
	03F304		1(H)	1(H)	1(H)	1(H)
	03F305		1(H)	1(H)	1(H)	1(H)
	03F306		1(H)	1(H)	1(H)	1(H)
	03F307		1(H)	1(H)	1(H)	1(H)
	03F308		1(H)	1(H)	1(H)	1(H)
	03F312		1(H)	1(H)	1(H)	1(H)
	04U001		1(H)	1(H)	1(H)	1(H)
	04U002		---	1(H)	---	---
	04U003		1(H)	1(H)	1(H)	1(H)
	04U077		---	1(H)	---	---
	04U673		---	1(H)	---	---
	04U701		---	1(H)	---	---
	04U702		---	1(H)	---	---
	04U708		---	1(H)	---	---
	04U709		---	1(H)	---	---
	04U711		1(H)	1(H)	1(H)	1(H)
	04U713		---	1(H)	---	---
	04U714		1(H)	1(H)	1(H)	1(H)
	04U802		---	1(H)	---	---
	04U806		1(H)	1(H)	1(H)	1(H)
	04J077		---	1(H)	---	---
04J702		---	1(H)	---	---	
04J708		---	1(H)	---	---	
04J713		---	1(H)	---	---	
04J714		1(H)	1(H)	1(H)	1(H)	
PJ#309		1(H)	1(H)	1(H)	1(H)	
PJ#310		1(H)	1(H)	1(H)	1(H)	
PJ#311		1(H)	1(H)	1(H)	1(H)	
PJ#313		1(H)	1(H)	1(H)	1(H)	
PJ#806		---	1(H)	---	---	

TABLE 6

## CONDENSED 1990 GROUNDWATER QUALITY MONITORING PLAN (\*)

Site	Well I.D.	Common Name	Frequency and Parameters (1)				
			Q25(2) 1/90	Q26 4/90	Q27 7/90	Q28 9/90	
Misc. Wells	03U007		---	1	---	---	
	03U008		---	1	---	---	
	03U009		---	1	---	---	
	03U031		---	1(H)	---	---	
	03U706		---	1(H)	---	---	
	03U707		---	1(H)	---	---	
	03L081		---	1(H)	---	---	
	03L137		---	1,7,4	1,7,2	1,7	
	03L138		---	1,7,4	1,7,2	1,7	
	04U007		---	1	---	---	
	04U510		---	1	---	---	
	Off- Post	03U811		---	1	---	---
		03U821		---	1,7	---	---
03U822			---	1	---	---	
03U831			---	1	---	---	
03U832			---	1	---	---	
03M843			---	1,7	---	---	
03M848			---	1	---	---	
03L809			---	1	---	---	
03L811			---	1	---	---	
03L822			---	1	---	---	
03L841			---	1	---	---	
03L846			---	1	---	---	
03L848			---	1	---	---	
03L853			---	1,4	4	---	
03L854			---	1	---	---	
03L858			---	1	---	---	
03L859			---	1	---	---	
03L860			---	1	---	---	
03L861			---	1,7	---	---	
04U821			---	1,4	1,4	1,4	
04U832			---	1	---	---	
04U843			---	1	---	---	
04U844			---	1	---	---	
04U845			---	1	---	---	
04U847			---	1,7	---	---	
04U848			---	1	---	---	
04U849			---	1	---	---	
04U850		---	1	---	---		
04U851		---	1	---	---		

TABLE 6

## CONDENSED 1990 GROUNDWATER QUALITY MONITORING PLAN (\*)

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q25(2) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
Off-Post (cont.)	04U852		---	1	---	---
	04U854		---	1	---	---
	04U855		---	1	---	---
	04U859		---	1	---	---
	04U860		---	1,7	---	---
	04U861		---	1	---	---
	04U871		---	1,7	---	---
	04U872		---	1,7	---	---
	04U875		---	1	---	---
	04U877		---	1	---	---
	04U879		---	1,7	---	---
	04U880		---	1,7	---	---
	04U881		---	1,7	---	---
	04U882		---	1	---	---
	04U883		---	1	---	---
	<del>200148</del>	<del>Paper Calmerson</del>	---	1,7	---	---
	200524	St. Anthony #5	---	---	---	---
	200803	St. Anthony #4	---	---	---	---
	200804	St. Anthony #3	---	---	---	---
	200812	Gross Golf	---	1,7	1,7	1,7
	<del>206688</del>	<del>Cloverpond</del>	---	1,7	1,7	1,7
	206787	MV High School	---	1,7	1,7	1,7
	206791	New Brighton #7	---	1	---	---
	206793	New Brighton #3	---	1	---	---
	206797	New Brighton #6	---	1	---	---
	233221	Reuben Meat	---	1	---	---
	234335	Mengelkoch #1	---	1,7	---	---
	234546	Hnywell Ridgway	---	1	---	---
	234547	Hnywell Ridgway	---	1	---	---
	<del>235619</del>	<del>Shriners Hosp.</del>	---	1	---	---
	405651	Metal-Matic	---	1,7	---	---
	409546	PCA2L3	---	1	---	---
	409547	PCA1U4	---	1	1	1
	409548	PCA2U4	---	1	---	---
	409549	PCA3U4	---	1	---	---
	409550	PCA6U3	---	1	---	---
	409556	PCA4L3	---	1	---	---
	409557	PCA1L3	---	1	---	---
	409596	BS118U3	---	1	---	---
	409597	BS118L3	---	1	---	---
	500691	414U4	---	1,7	1,7	1,7
	508115	322U4	---	1,7	1,7	1,7
	PJ#318		---	1	---	---

INADVERTENTLY  
OMITTED BY  
STS

PUMP  
DECOMMISSIONED.  
NO ACCESS

PERMISSION DENIED

INADVERTENTLY  
OMITTED BY  
STS

ABANDONED



TABLE 6

## CONDENSED 1990 GROUNDWATER QUALITY MONITORING PLAN (\*)

Site	Well I.D.	Common Name	Frequency and Parameters (1)			
			Q25(2) 1/90	Q26 4/90	Q27 7/90	Q28 9/90
-----	-----	-----	-----	-----	-----	-----

- NOTES: (1) The numbers represent analytical parameter categories. The individual parameters within each category are outlined in Appendix E.
- (2) The sampling indicated for Quarter 25 was completed in January 1990.
- (H) Indicates that the sampling will be conducted by Honeywell, Inc.

**APPENDIX E**

**Groundwater Monitoring Chemical Analysis Categories**

## USATHAMA 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-Trichloroethane	112TCE
1,1,2-Trichlorotrifluoroethane	TCLTFE
1,2-Dichloroethylene	12DCE
1,2-Dichloroethane	12DCLE
1,2-Dichloropropane	12DCLP

### 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
---------	----

### CATEGORY 4

Cyanide	CYN
Nitrate/Nitrite	NIT
Orthophosphate	PO4ORT
Total Phosphates	TPO4

**USATHAMA CHEMICAL ANALYSIS CATEGORIES**  
(continued)

**CATEGORY 5**

Dibutylchloronadate	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