FINGERPRINTING OF AN AQUIFER AND COMPARISON OF MONITORING WELL DATA TO PRIVATE WELL DATA FOR TCE, pH AND SPECIFIC CONDUCTIVITY

By

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CHAPTER 1

INTRODUCTION

Scope and Purpose

Reese Center, formerly known as Reese Air Force Base, is host to an extensive groundwater-monitoring program. A trichloroethene (TCE) plume has maneuvered off base in the groundwater to the east-northeast. (Radian International, 1999a) It extends for approximately 3 miles and effects the heavily used Ogallala Aquifer (Radian International, 1999a). Due to the aquifer's influence over such a large region, it has been necessary to monitor the aquifer through private wells in the area in order to track the presence of TCE and provide for the safety and protection of human health (Radian International, 1999c).

Along with the testing of private well's to detect TCE, pH and specific conductivity data are also attained. These data are not considered quantitatively accurate due to the lack of control over well design (Miller, 2000). In many instances, these data have helped define the plume contours where there were large gaps in monitoring well (MW) data (Radian International, 1996). Although there is lack of control over private well design and construction, if their data can be proven to be reliable, they can be used quantitatively to increase monitoring well data sets and ultimately the knowledge of a study area.

The purpose of this paper is to compare monitoring well and private well sampling data. Using data collected from private wells and monitoring wells at Reese Air Force Base during the time interval from January 1994 through January 2000 many statistical analyses were performed. Statistical analysis was performed to fingerprint the wells and

identify them as water from the same aquifer. Further statistical analysis was performed to show significant similarities and/or dissimilarities in the sampling data obtained from each of the well types. These data are analyzed and defined in the following sections.

Literature Review

Monitoring wells and private wells both have history and functionality in groundwater research. Differences in their construction and the environment affect the quality of water that can be sampled from each type. The 'environmental industry' has been working to standardize well installation by defining and improving standards of performance in well construction, management, and use" (Smith,1995). Water supply wells will continue to have potential for contamination due to lack of quality control in private construction (Hall, 1993). The additional expenses incurred to provide quality control has no distinct advantages to the private owners. This will deter them from providing the quality control needed to insure proper construction and well logging during installation. Although there is some unreliability introduced in sampling from private wells and their use in quantitative research is not advocated, they are ideal in preliminary studies to determine the extent of contamination. An EPA report compared stainless steel monitoring wells to private wells in the detection of nitrate-nitrogen and pesticides (Smith, et. al., 1998). This research resulted in a greater probability of pesticide detection being found in monitoring wells versus private wells, but showed no significant difference in nitrate-nitrogen detection. The EPA report speculates briefly on differences of construction and differences in sampling between the two entities, (Smith, et. al., 1998) while other sources address the integrity of each well type (Hall, 1993), well

environment, (Haugh, 1992), and/or well maintenance (Brassington, 1983), as sources of dissimilarity (Hall, 1993).

Differences in the well's construction and sampling techniques can result in differences of some quantitative measurements (Smith, et.al, 1998). For instance, it is suspect that highly volatile constituents are more likely to dissipate in a private well as compared to a monitoring well designed and constructed with special emphasis on maintaining the aquifer quality. TCE is one such constituent that may have a tendency to dissipate due to its high vapor density and low flammability (Fetter, 1993). It's characteristics are summarized below in Table1.

Table 1: Trichloroethene Properties

Trichloroethene	(TCE)
Structure	Cl_2C-CClH
Specific Gravity	1.46 @ 20°C
Melting Point	-87°C
Boiling Point	86.7°C
Vapor Pressure	60 mm @ 20°C
Water Solubility	1100 mg/L @ 25°C
Henry's Law Constant	0.00632 @ 17.5°C

Source: Fetter, 1993.

These characteristics made TCE an ideal solvent, degreaser, paint, etc. for the military due to its stability at room temperature, volatilization, and ease of clean-up (Fetter, 1993).

The U.S. Geological Survey defines characteristics of several groundwater ions and addresses statistics for groundwater analysis (Hem, 1992). Analysis such as the basic statistical methods: mean, median, standard deviation, trimmed means, etc. were included in this text. In addition to the basic statistics, there were advanced graphical

representations such as radiating vectors and stiff diagrams. Radiating vectors and stiff diagrams have been used as map symbols and can be a distinct method of showing water composition differences and similarities throughout a study area (Hem, 1992). Other sources of statistical analysis included another level of comparison, the Kruskal-Wallis test statistic. This test statistic is used to show multiple samples are from a common population (Helsel, et.al., 1995). This is a nonparametric test of equivalency that test the population means for similarity (Davis, 1986). This is used in both fingerprinting the aquifer as well as comparing private well data to monitoring well data.

In the following text an analysis of trichloroethene, pH, and specific conductance is performed on Reese Center groundwater after providing evidence that the waters are from the same aquifer.

CHAPTER 2

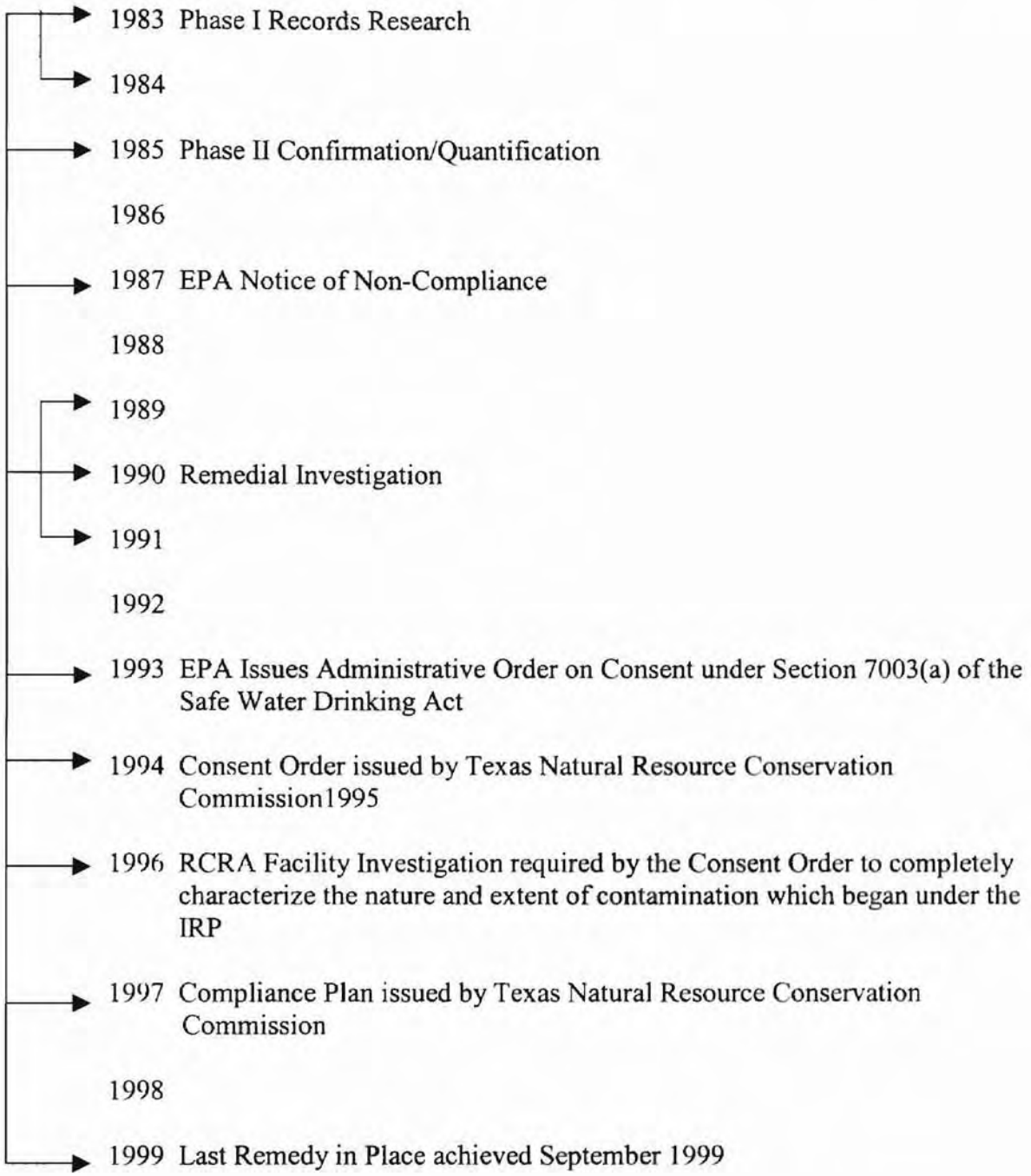
PROJECT SITE

Reese Center

Reese Air Force Base was established in 1941 on 2,000 acres donated by Lubbock, Texas. Reese AFB functioned as a pilot training base during its active life. As a result, many toxic and hazardous materials were stored on site to complete the operation and maintenance of defense related activities. By the time of its closure in 1991, Reese Air Force Base covered 2,777 acres and required remediation efforts to deal with groundwater and soil contamination.

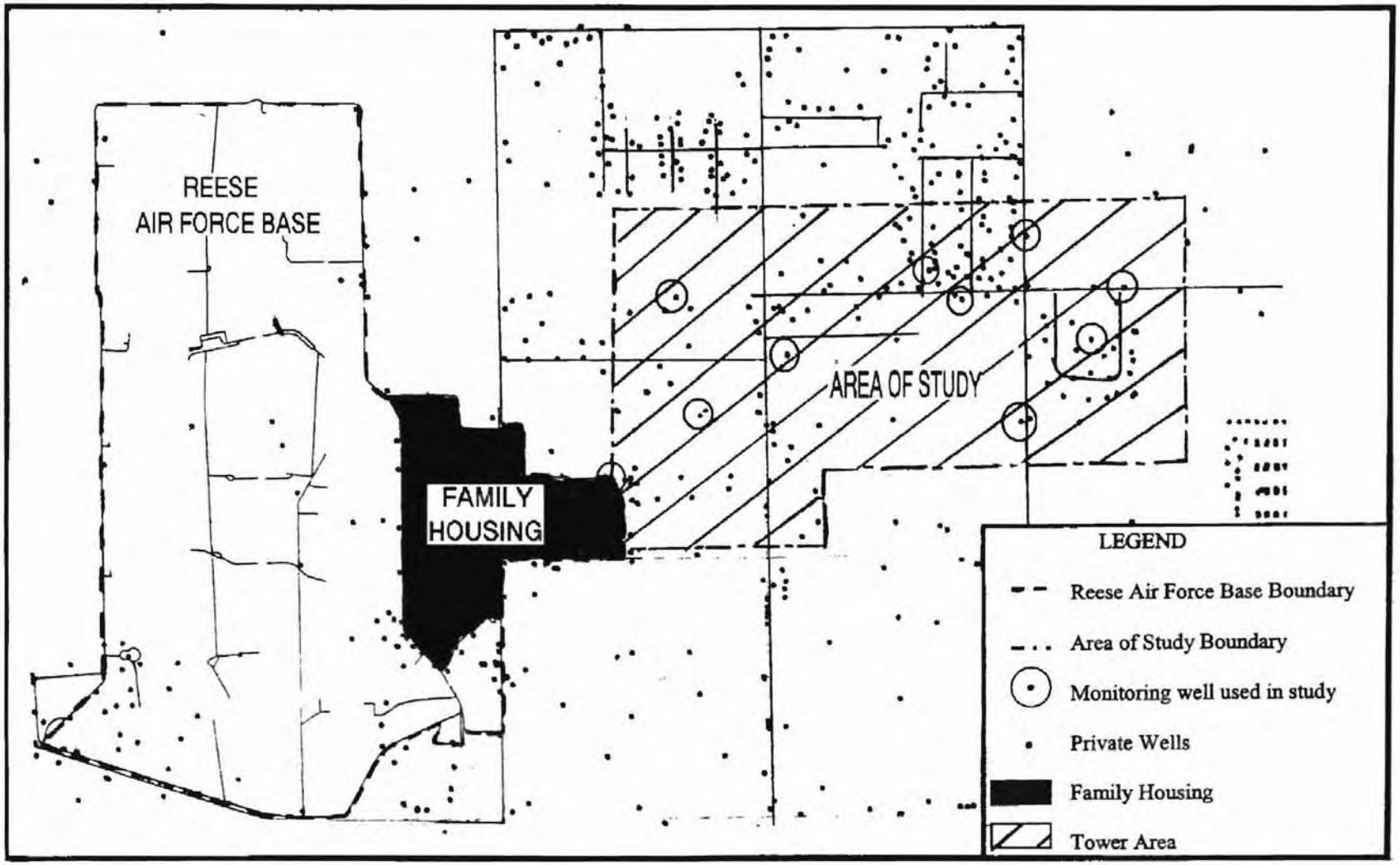
Reese Center, renamed after its closure, has been the focus of remediation efforts through the Installation Restoration Program (IRP) issued by the United States Congress in January of 1982. Figure 1 represents a time line of major events at Reese Center since its placement in the Installation Restoration Program. Several sources of contamination were identified and a contaminant plume delineated after several years of research. Monitoring data from several private wells were collected in the plume area approximately three miles long and occupying approximately 160 acres off base to the east-northeast of family housing. This area (referred to as the area of study) in addition to a portion identified in Figure 2 is referred to as the Tower Area in all Reese Center documents. Reese Center, family housing, and area of study, are outlined in Figure 2.

Figure 1: Time Line of Events at Reese AFB Since the Installation Restoration Program



Source: Radian International, 1989.

Figure 2: Area of Study with Respect to Reese AFB

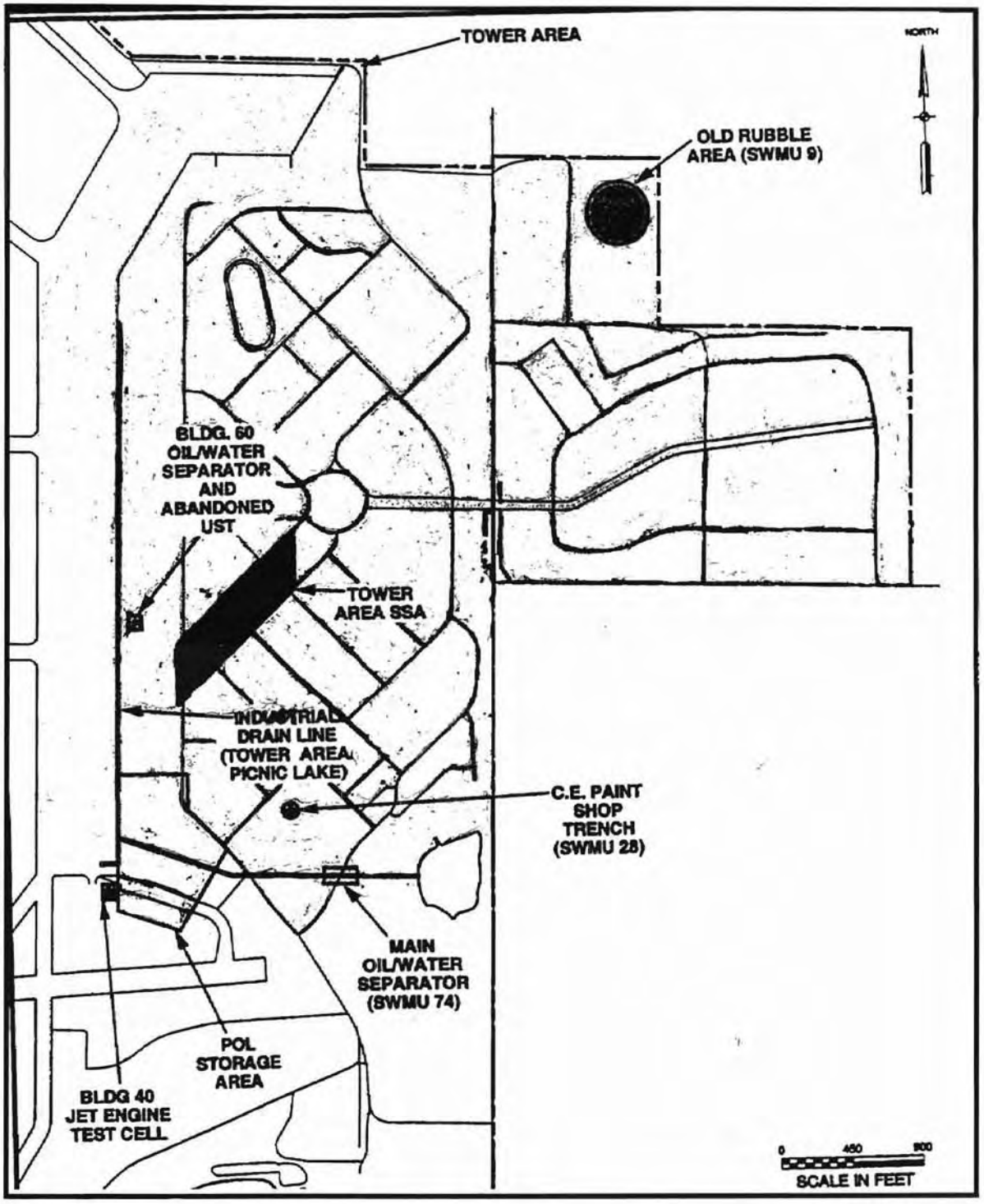


At least 21 Reese Center facilities known to have generated, temporarily stored, or disposed of hazardous wastes or materials are located within the Tower Area (Radian International, 1999a). The solid waste management units where Resource Conservation and Recovery Act (RCRA) facility investigations were performed are illustrated in Figure 3. These areas are considered sources of contamination in the Tower Area. The Tower Area provided a location for analysis and comparison of data from private wells and monitoring wells in similar locations.

The construction of private wells is unknown for the area. It is speculated that several of the wells have iron pipe. Many of the samples taken from the private wells throughout this study are taken from the last component in the system prior to human contact. This was done because the purpose of the private well sampling was to determine the exposure to humans.

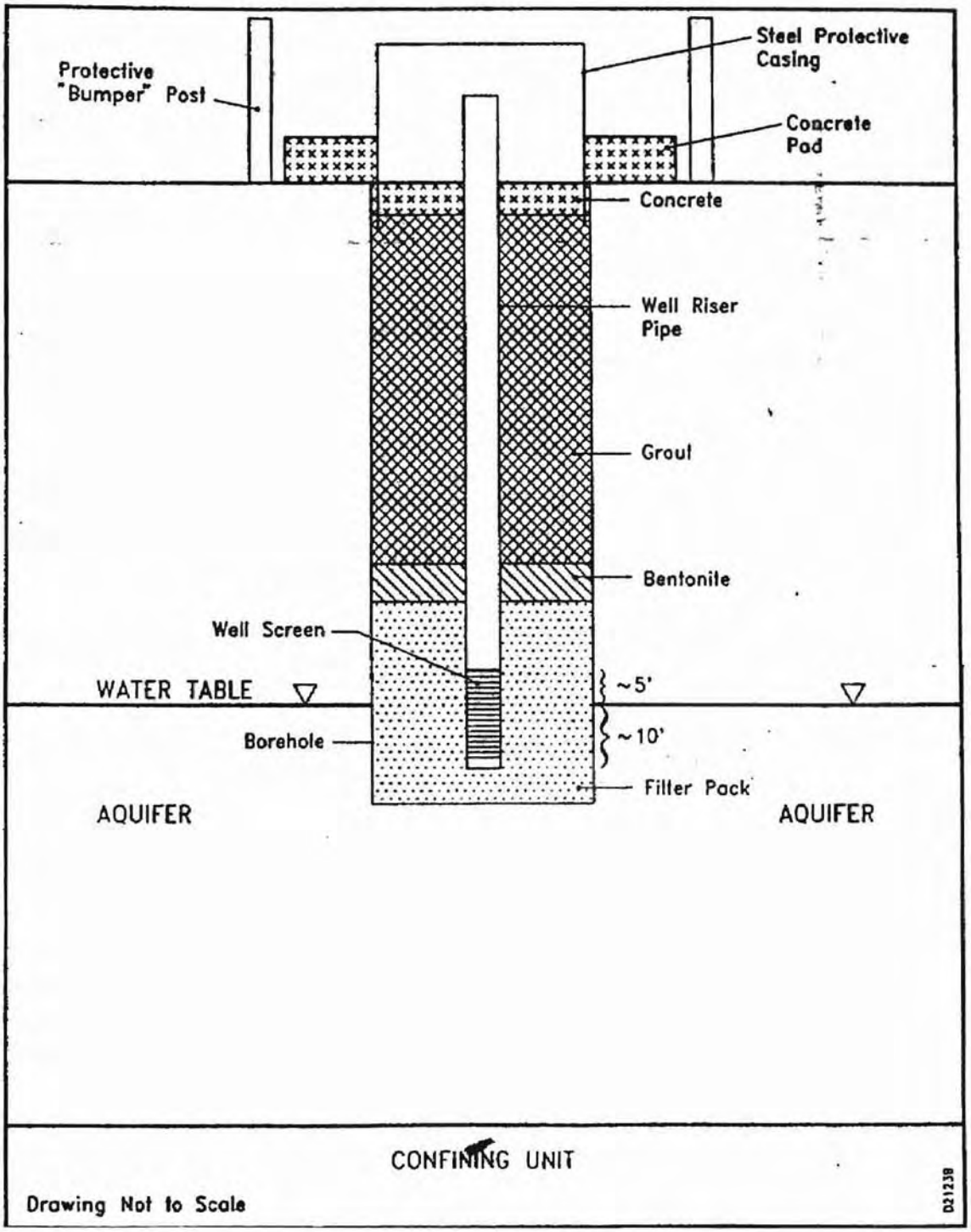
The monitoring wells have a very controlled construction. A general schematic is provided in Figure 4. The casing is polyvinyl chloride with threaded joints.

Figure 3: Tower Area and SWMUs Where RFIs Were Performed



Source: Radian International, 1989.

Figure 4: Typical Monitoring Well Detail

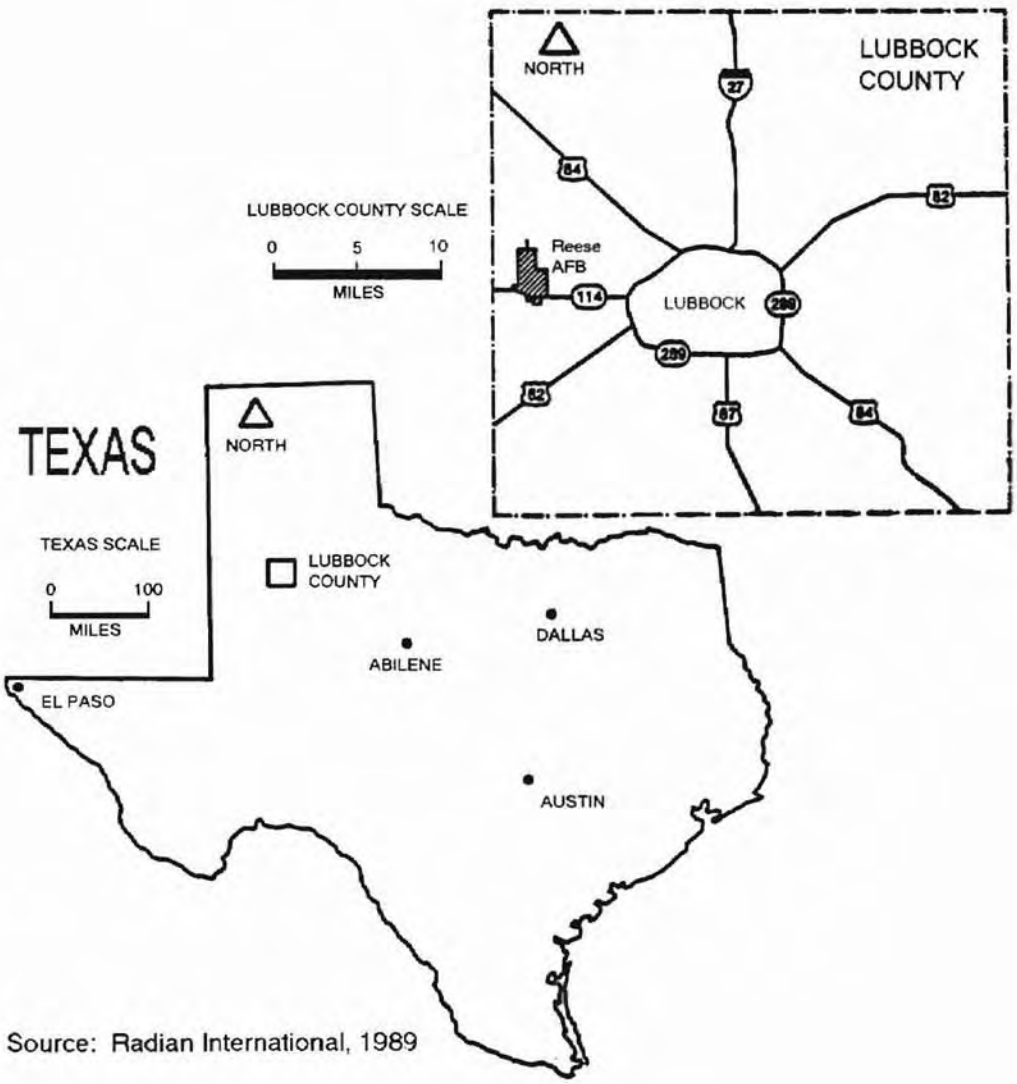


Source: Radian International, 1997

Regional Geology

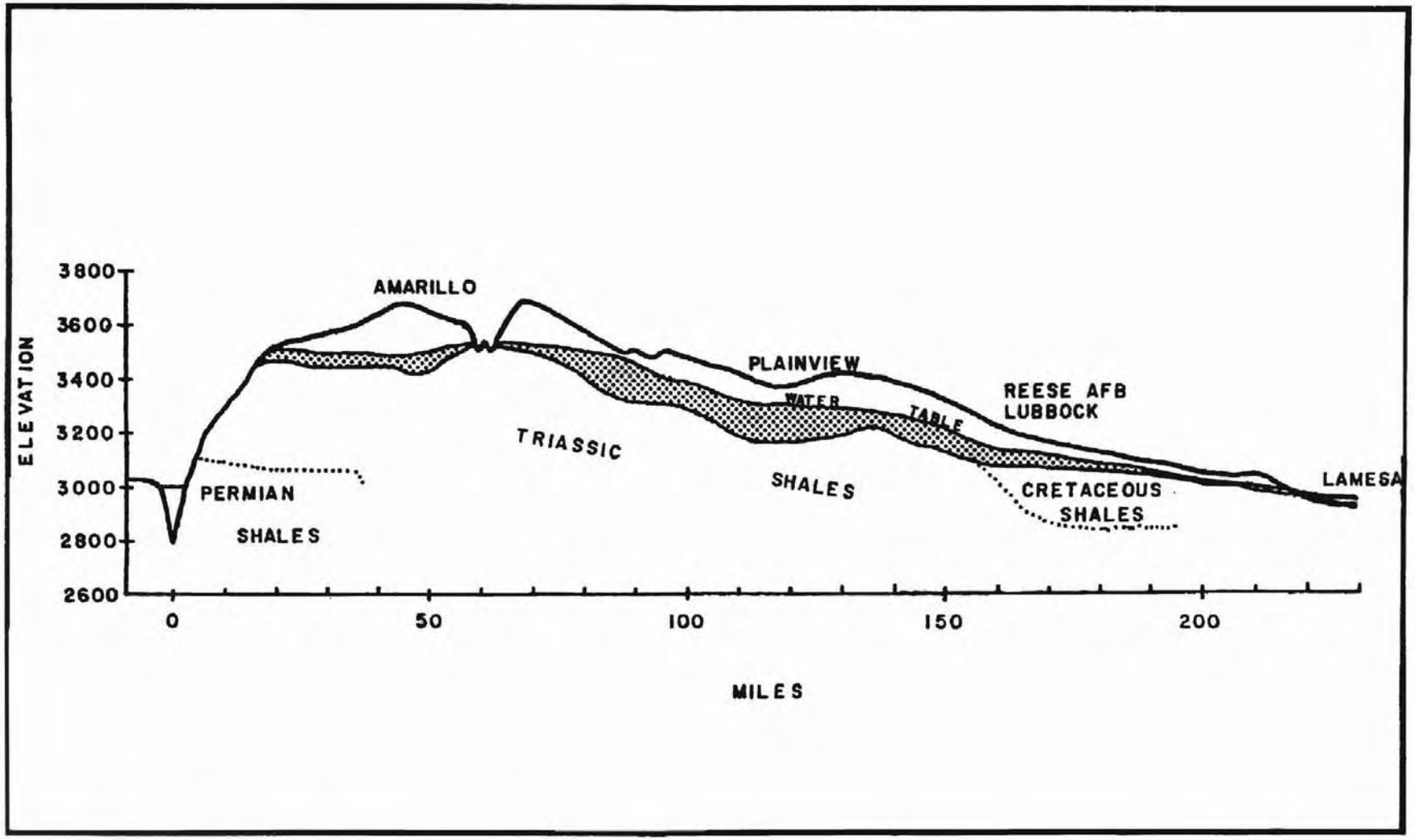
The Reese Center is located in the Southern Highplains physiographic province (see Figure 5), and the area is characterized by relatively flat, rolling plains and playa lakes (TBEG, 1989). A generalized geologic cross-section of the Southern High Plains region of Texas is shown in Figure 6.

Figure 5: Regional Settings, Reese AFB, Texas



Source: Radian International, 1989

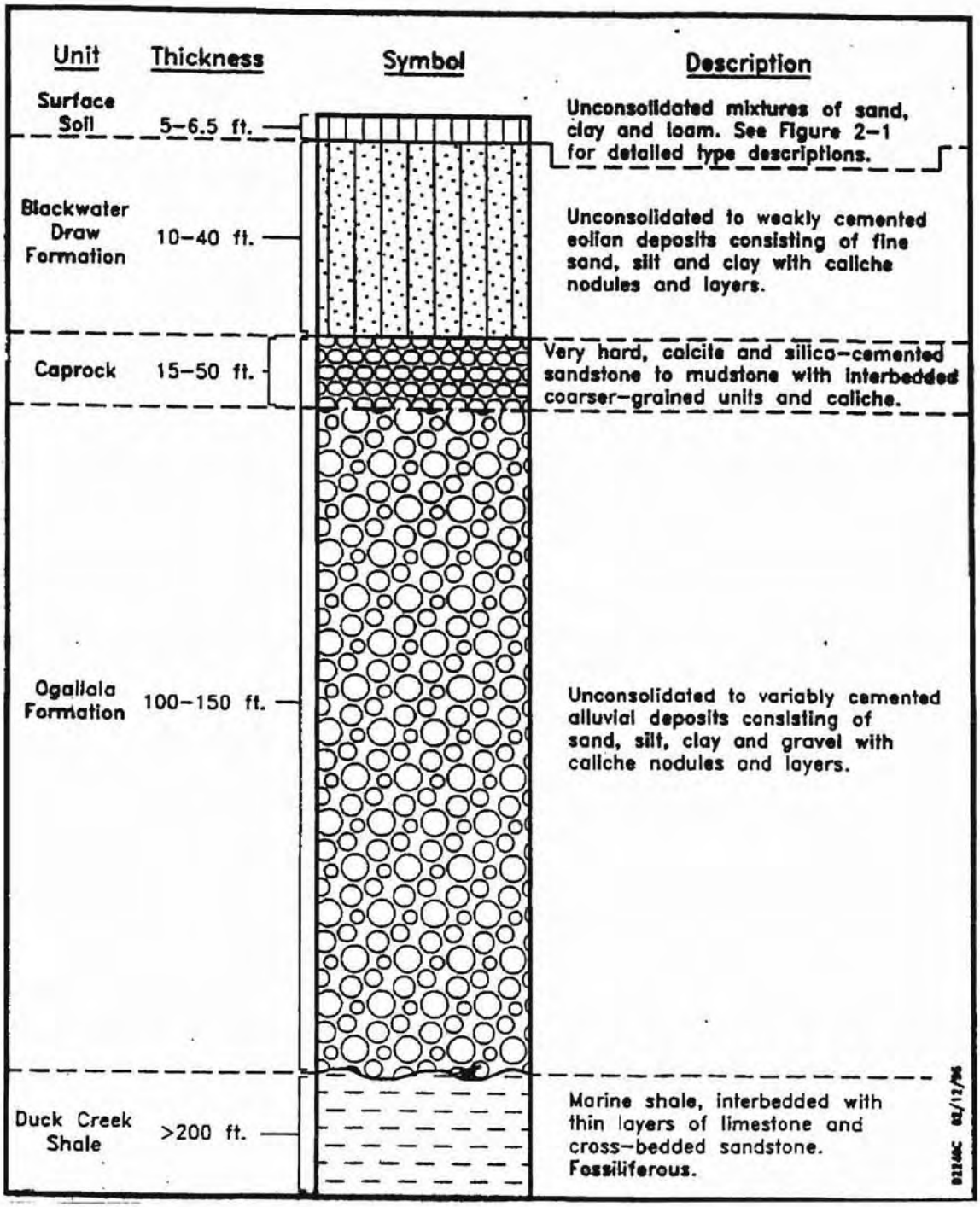
Figure 6: Generalized Geographic Cross-Section of the Southern Highplains of Texas



Local Geology

Reese rests on the Ogallala Formation. This formation of the Tertiary (Miocene-Pliocene) Age is approximately 120-200 feet thick. Sediments in the Reese area consists of sand, silt, clay, gravel and caliche. The upper part of the formation is well cemented due to the precipitation of calcite ($CaCO_3$) between the sand and silt grains. This forms layers or zones of caliche sometimes referred to as "calcrete". The cement may also be silica (SiO_2), forming "silicrete". This formation is confined below by the impermeable Duck Creek Shale and above by the "calcrete" or "silicrete" (TBEG, 1989). A generalized stratigraphy is provided in Figure 7. A more detailed stratigraphy has been developed along the axis in Figures 8-14. Stratigraphy through the center of the study area and several cross sections were created using the log data from monitoring wells installed (Figure 8 shows locations of the cross-sections with respect to the study area). Several cross-sections of the stratigraphy follow in Figures 9, 10, 11, 12, 13, and 14. Reese is relatively flat and gently slopes to the east-southeast. The base itself, as well as areas surrounding the base, has several playas occurring irregularly across the area. Playas are shallow natural reliefs in the topography that hold runoff from the fields' characteristic of this area. These allow for recharge of the aquifer during rain events (TBEG, 1989).

Figure 7: Generalized Stratigraphy, Reese AFB



Source: Radian International, 1996

Figure 8: Location of Cross Sections with Respect to Study Area

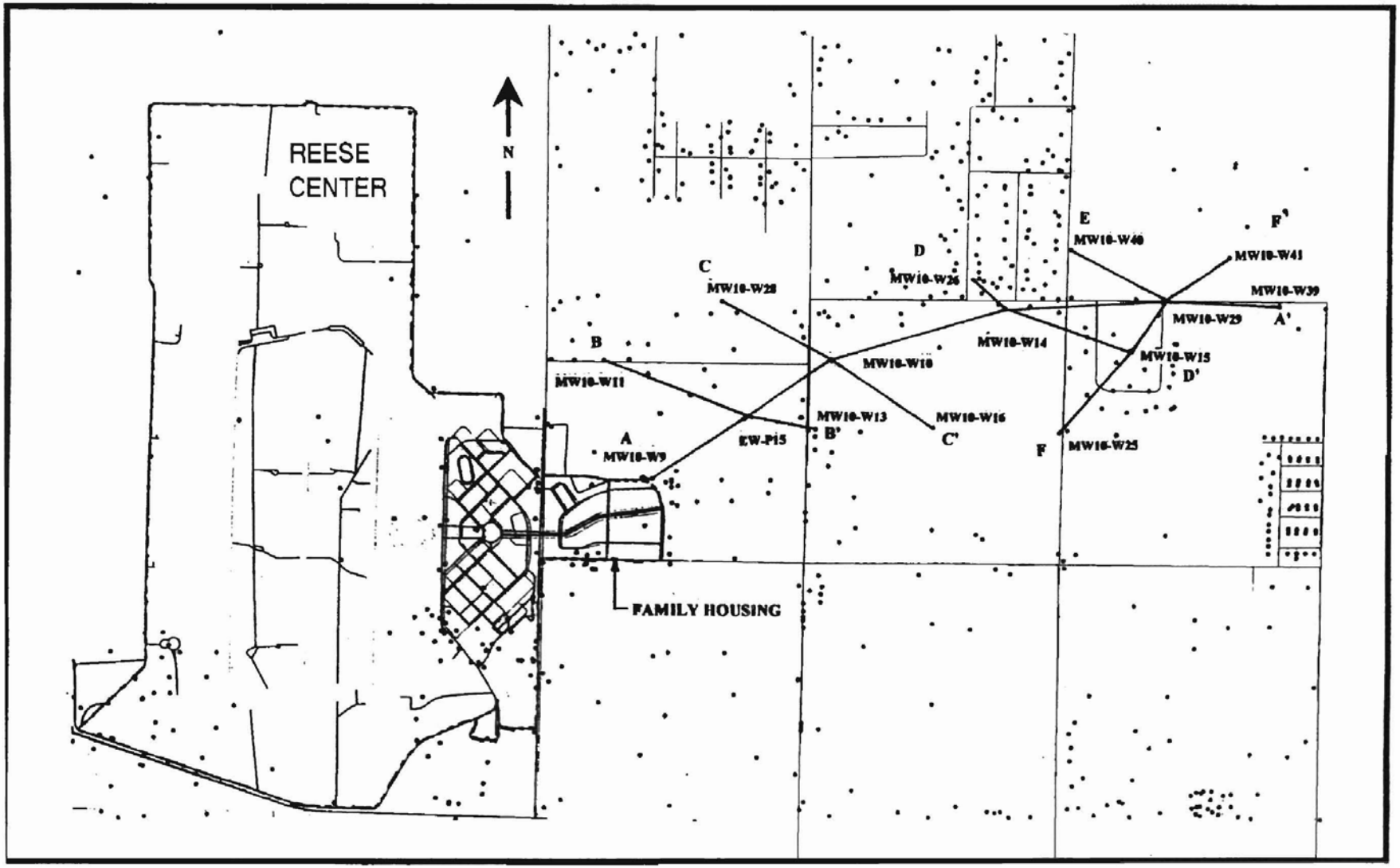


Figure 9: Stratigraphic Cross Section A-A' at the Tower Areas

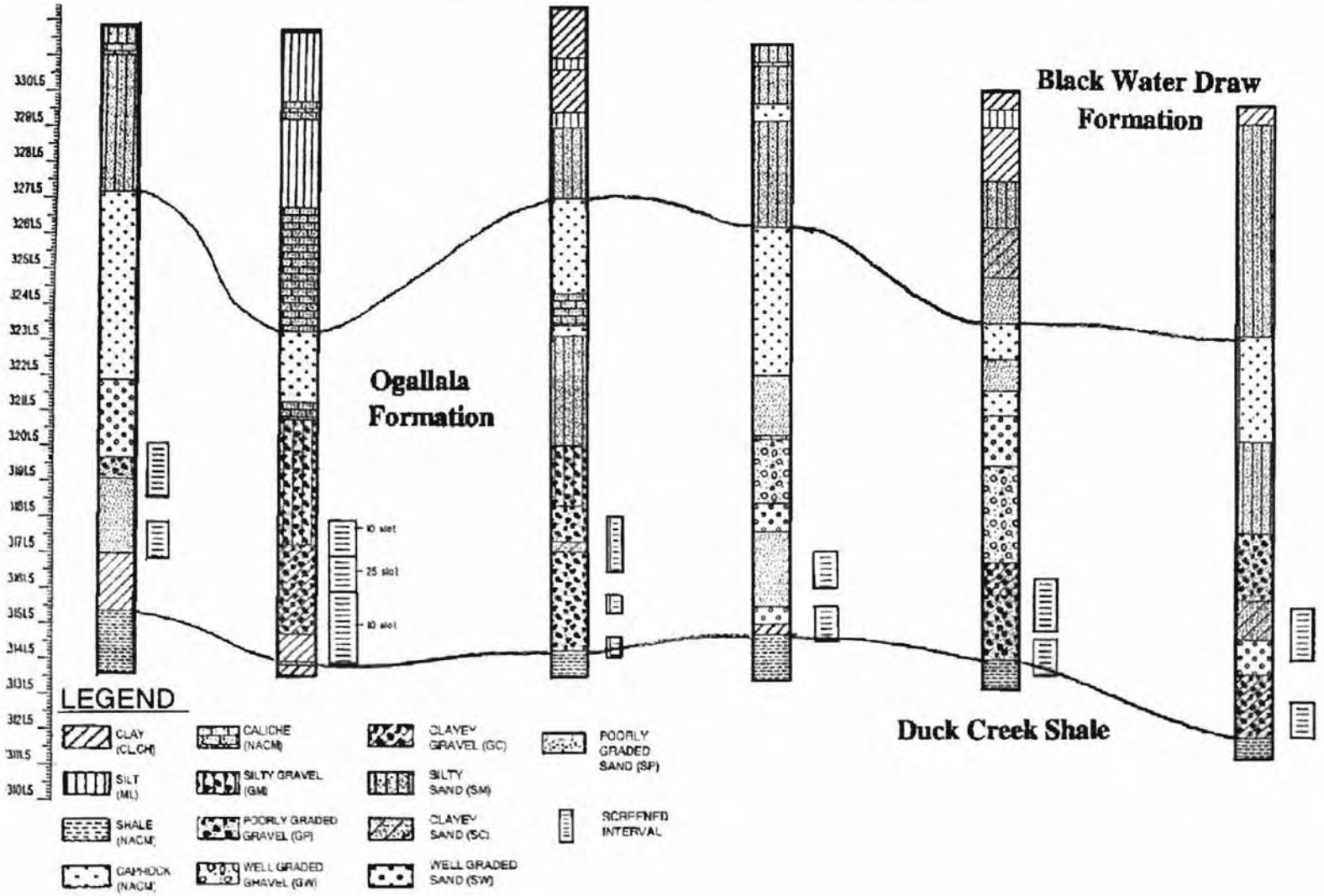


Figure 10: Stratigraphic Cross Section B–B' at the Tower Area.

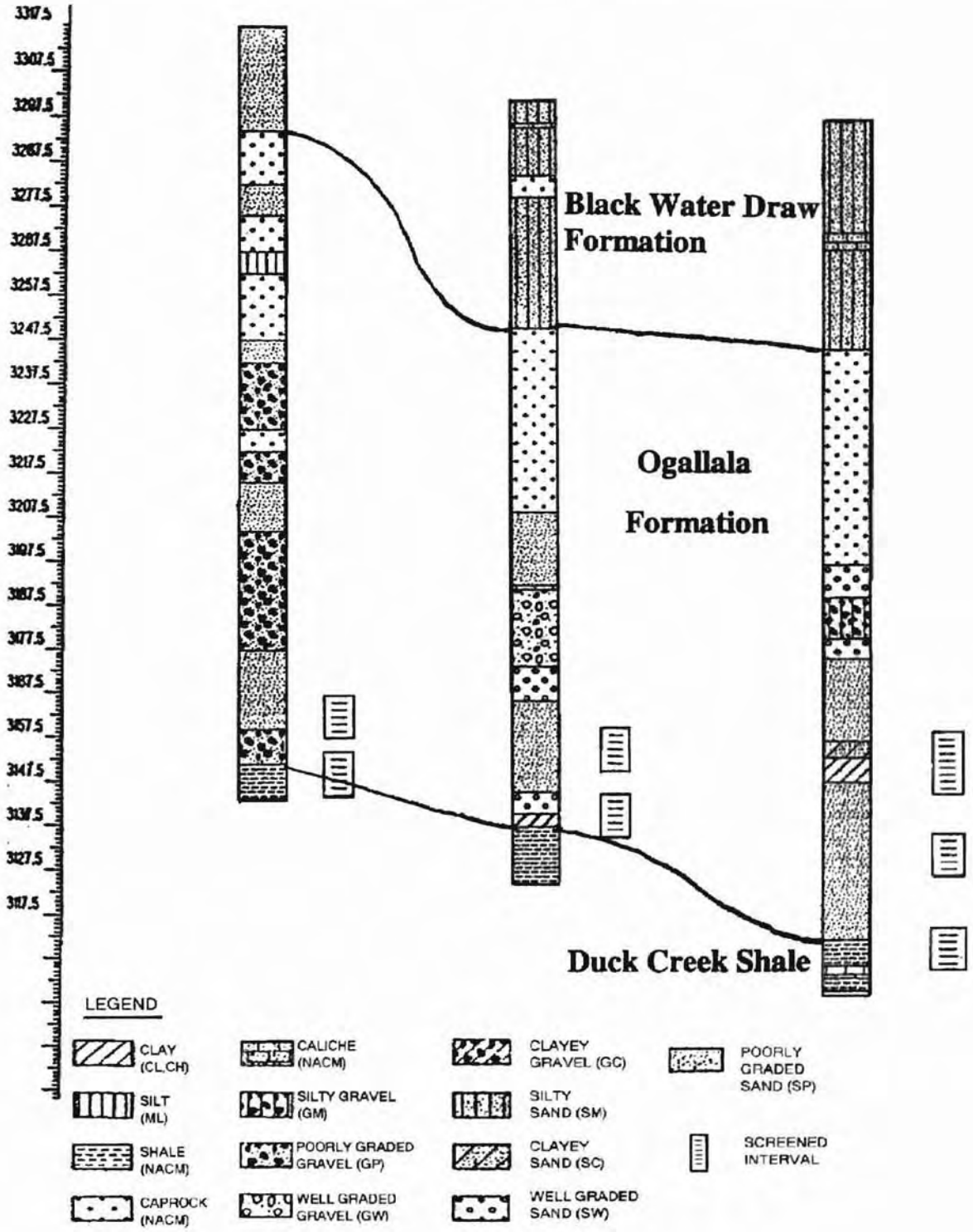


Figure 11: Stratigraphic Cross Section C–C' at the Tower Area

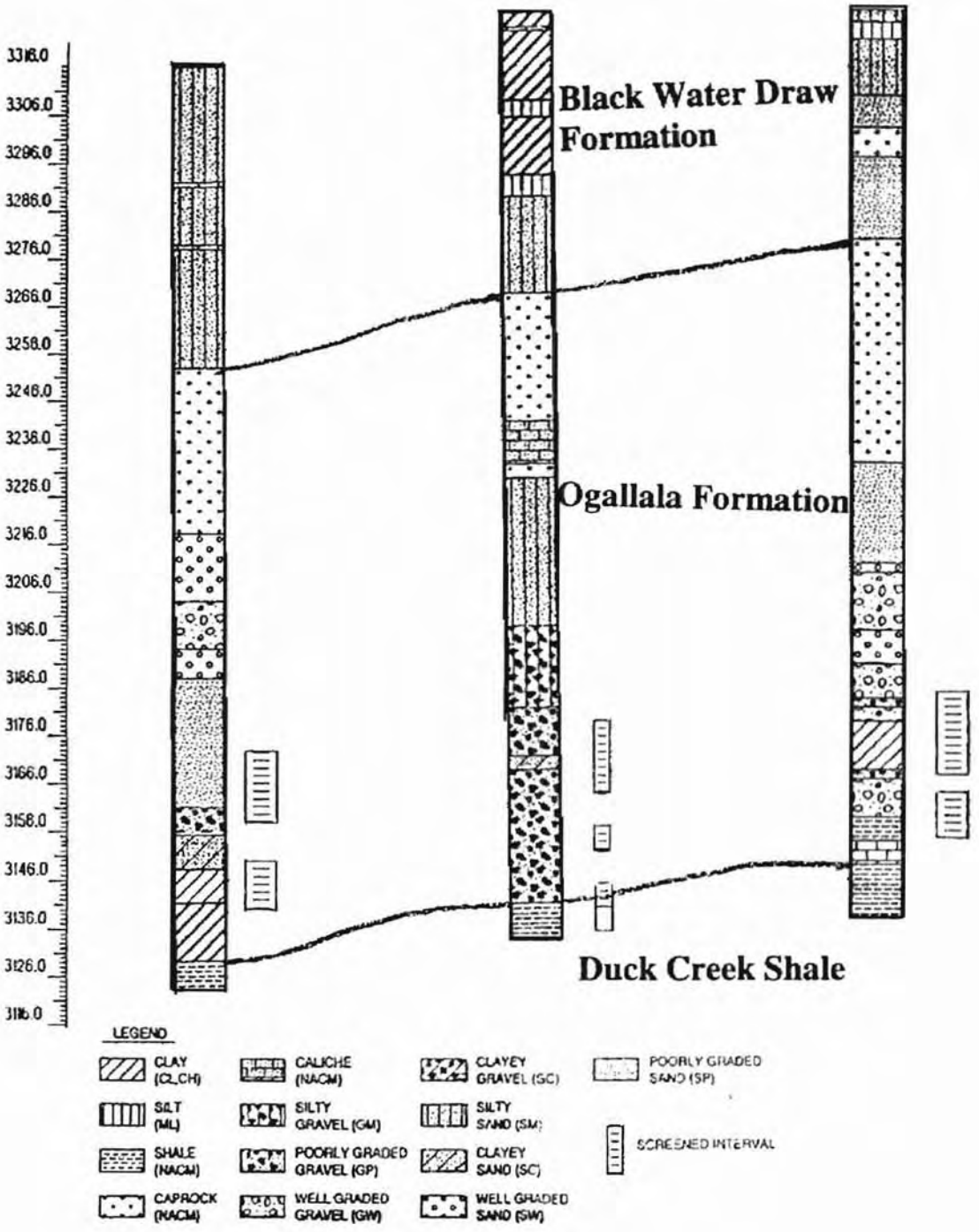


Figure 12: Stratigraphic Cross Section D–D' at the Tower Area

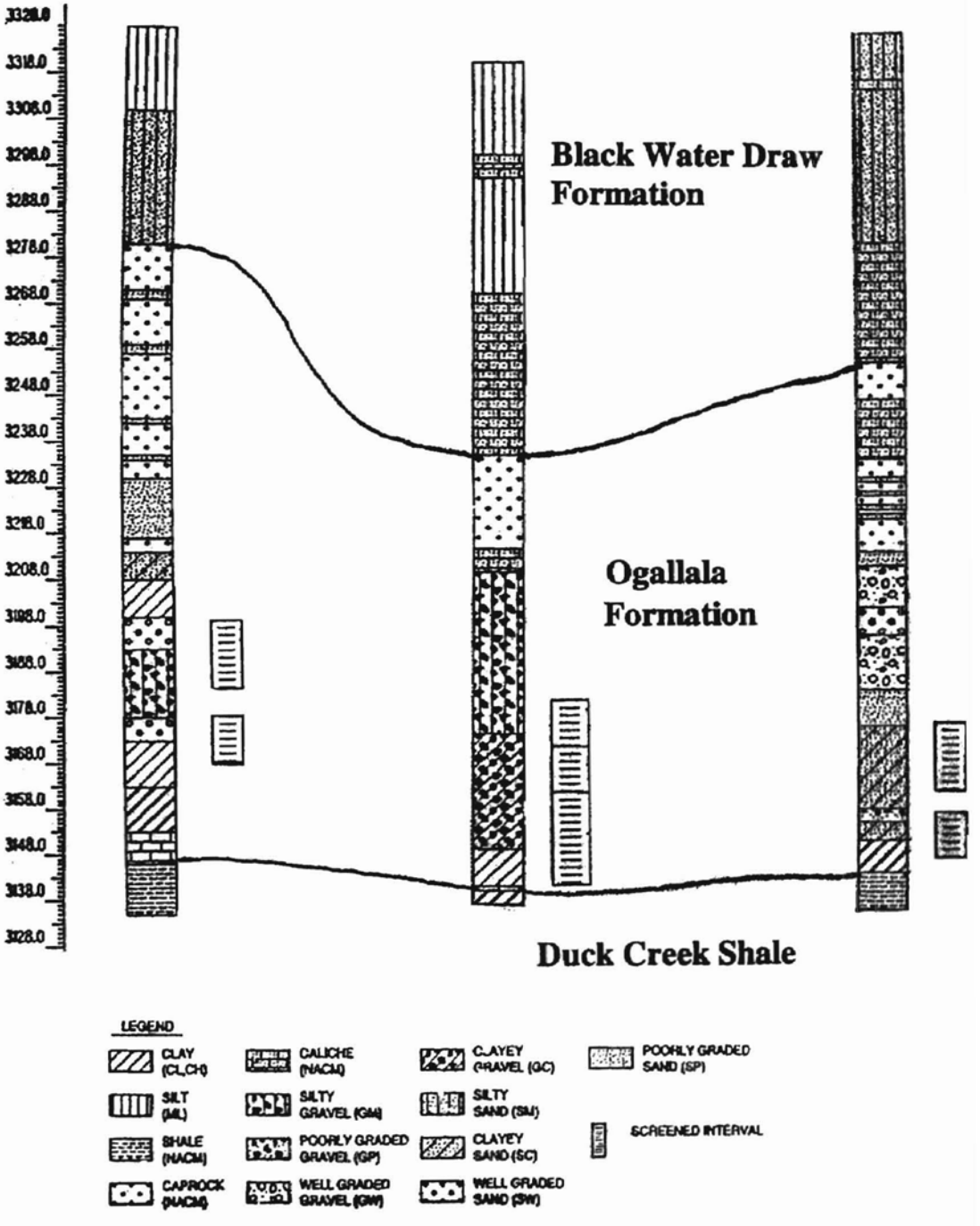


Figure 13: Stratigraphic Cross Section E–A' at the Tower Area

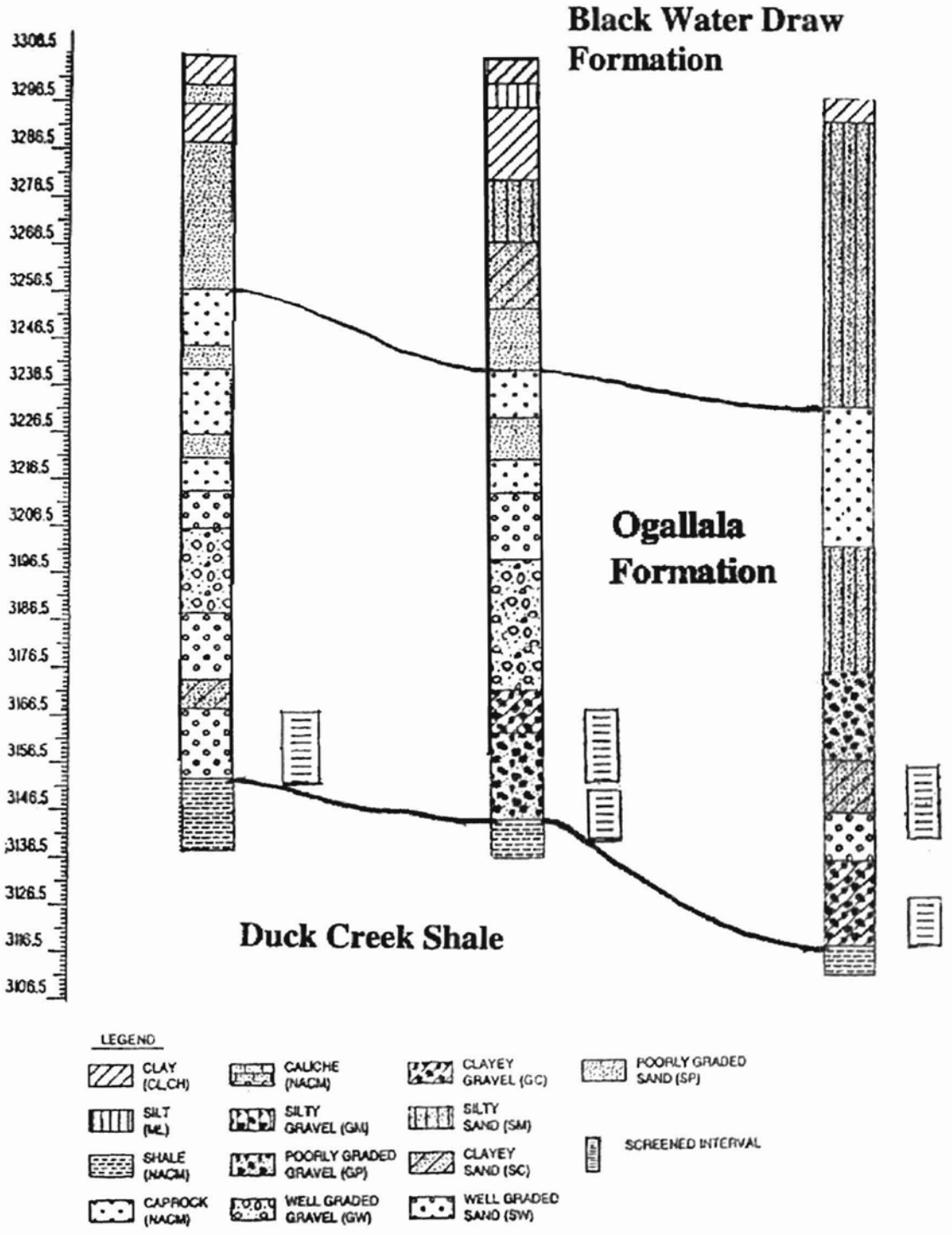
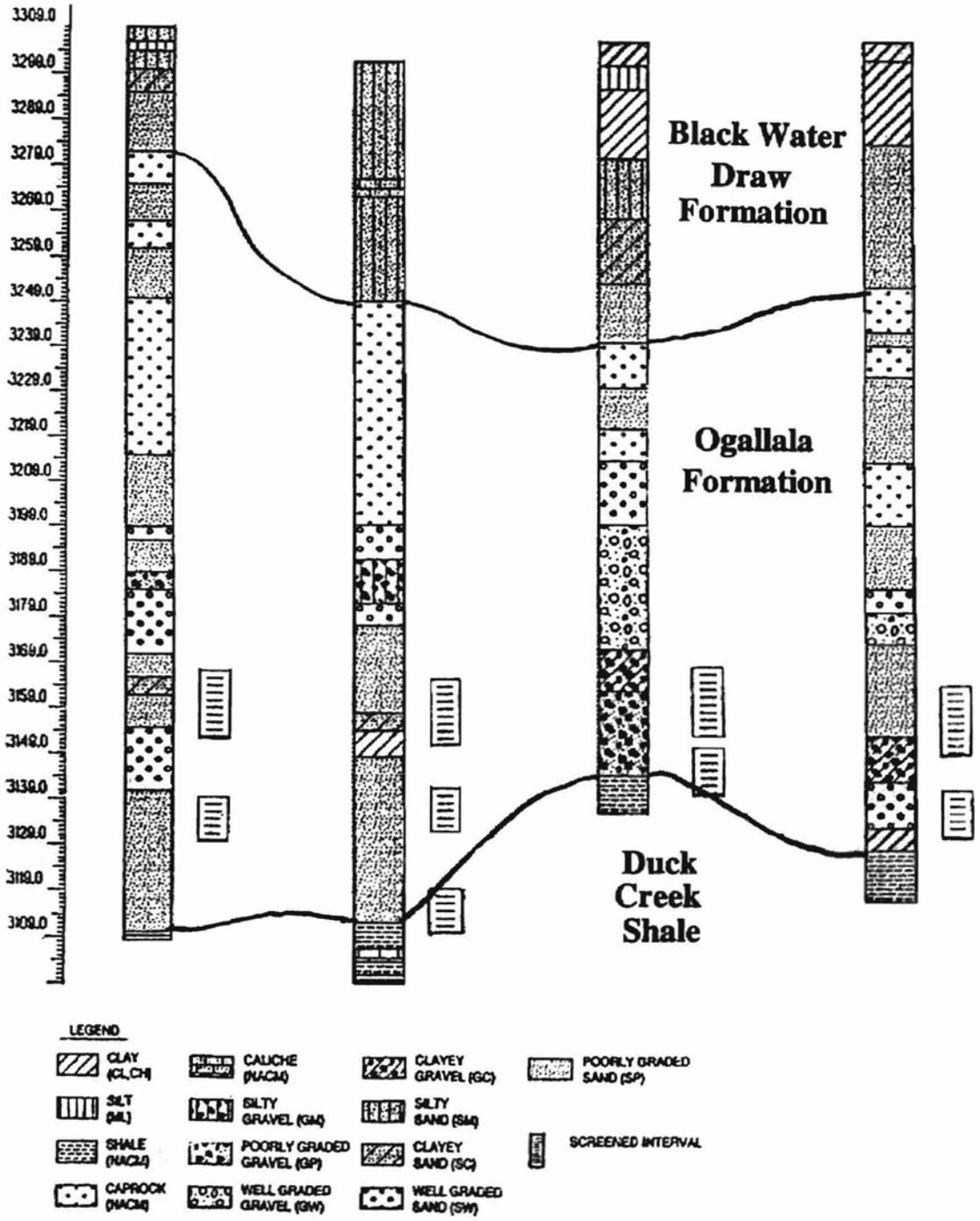


Figure 14: Stratigraphic Cross Section F–F' at the Tower Area



Hydrogeology

The groundwater flows easterly at an average gradient of 0.0076 just east-northeast of the family housing and decreases to an average gradient of 0.0013 at the farthest reaches of the Tower Area plume (Radian International, 1999b). The saturated thickness of the aquifer ranges from 10 feet in the northwest corner of the base to 50-70 feet in the southern half (Radian International, 1999a). This thickness continues to the east of the base and can be better appreciated in the previous figures (9-14). The porosity has been established at 0.2. The groundwater velocities range from 534 feet per year off-base in the immediate east to 91.3 feet per year in the far east. The average hydraulic conductivity is 38.5 feet per day (Radian International, 1999b)

Soils

The soils of the area are provided below.

Table 2: Background Surface Soil Subset Characteristics

Subject Designation	Soil Series	Color	pH	Texture	Primary Constituents
AA	Acuff, Amarillo	Yellowish brown/red	Neutral	Fine sandy loams, sandy clay loams	Lowest concentrations
ELO	Estacado, Lofton, Olton	Dark brown/brown	Neutral	Clay loams	Moderate concentrations (erratic $CaCO^3$)
R	Randall	Very dark grayish brown	Slightly acidic	Clay	Highest concentrations

Source: Radian International, 1989

CHAPTER 3

EXPERIMENTAL METHODS

Data

The monitoring wells were constructed, installed, developed and sampled according to the guidelines in the Standard Operating Procedures established by the U.S. Army Corps of Engineers for Reese Air Force Base. A copy of the Standard Operating Procedures applicable guidelines is attached in Appendix A. All sample results for TCE, pH, and specific conductivity for January 1994 through January 2000 were compiled and are included in spreadsheet form in Appendix B. Fingerprinting data are provided in spreadsheet form as well in Appendix C.

Fingerprinting the Aquifer

In order to begin analysis, it was essential to determine with confidence that the waters from the individual wells sampled were from a common aquifer. This was done through statistical analysis of several anions and cations. First, individual analysis of each constituent is addressed through basic statistics of mean, median, standard devation, and a 25% trimmed mean. The 25% trimmed mean results in a mean uninfluenced by outliers because 25% of the data are trimmed from each end of a ranked series.

Strong consideration was given to the standard deviation as it is a measure of how broad or spread out the data was and can tie together the overall data set. Comparison of mean concentration was used to show simple similarities and dissimilarities between the private well analysis and the monitoring well analysis. Then, the Kruskal-Wallis test statistic

was used to compare waters from different wells in the study area. This would ultimately lend confidence to the assumption that the waters were from a similar aquifer. Finally, graphical representation using radiating vectors of concentrations in meq/L of several constituents is depicted to show a visual similarity.

Well Data Comparison

Once a common aquifer was established with reasonable evidence, statistical analyses of the trichloroethene (TCE), hydrogen ion activity (pH), and specific conductivity recorded since January 1994 were completed to determine the accuracy of contaminant concentration that could be obtained from private wells in comparison to monitoring wells. In order to show this, again, the Kruskal-Wallis Test Statistic was used and basic statistics were presented to show similarities.

CHAPTER 4

FINGERPRINTING THE WATER

Data

Radian International employees sampled all the wells in the study area and had Lancaster Laboratories of Austin, Texas, analyze for calcium, magnesium, potassium, sodium, chloride, sulfate, nitrate-nitrogen, alkalinity, bicarbonate, and carbonate. Dissolved oxygen, specific conductivity, pH, and temperature were measured in the field. Typical ranges for these constituents in groundwater are presented in Table 3. These ranges encompass the data presented to fingerprint waters in the following pages.

Table 3: Key Physical, Chemical, and Biological Properties of Groundwater

Category	Property	Standard Range of Values in Natural Groundwater
Physical	Temperature	10^{o}-20^{o}C
Chemical	pH	6.5-8.5 standard units
	Dissolved Oxygen	2-5 ppm
	Specific Conductance	100-1,000 umhos/cm
	Chloride	2-200 ppm
	Sodium	1-100 ppm
	Sodium, Calcium, Bicarbonate, Magnesium	1,000 to 1,000,000 ppb

Source: Delleur, 1999

Basic Statistics

Quantitative statistics were computed to determine the mean, median, standard deviation, and 25% trimmed mean. The mean gives an average while the 25% trimmed mean allows us to see a truer mean not influenced by outliers. Outliers are observations considerably higher or lower than most of the data. The 25% trimmed mean is the average of the observations not including the lower 25% and the upper 25% of data collected. The statistical results for each ion can be found in Table 4. The standard deviation demonstrates the measure of spread and is greatly influenced by outliers. For this reason, this statistic was very valuable in showing the consistency needed to demonstrate a common aquifer.

In general, the standard deviations presented in Table 4 are small. Some of these data can be disqualified at this time. For instance, dissolved oxygen readings for groundwater usually range from 2-5 parts per million (Delleur, 1999). The dissolved oxygen concentrations presented indicate a "non-aquifer quality" measurement. The increased dissolved oxygen is more than likely due to the sampling methods.

The alkalinity is elevated and will tend to neutralize the hydrogen ion content of the water. The direct effect this has on the pH is recognized through the consistent measurement recorded in the statistical results of both pH and specific conductivity. Concentration contours of many of the ions measured for fingerprinting are supplied in Appendix D for reference.

Table 4: Statistical Results of Fingerprinting Analysis

	Ca	Mg	K	Na	Cl	SO4	NO3	Alk4	Bicarb.	Cond.	T	pH	DO
	mg/L								mg/L as CaCO3	uS/cm	F		mg/L
Private Wells Only		n=50											
Mean	64.3	74.4	14.3	99.0	162.3	189.5	4.4	246.5	246.5	1075.7	62.9	7.4	7.5
25% Trimmed Mean	62.0	71.5	14.2	96.7	156.9	176.8	4.1	241.3	241.3	1029.3	62.9	7.5	7.4
Median	61.5	70.2	14.1	95.4	153.0	175.0	4.1	239.0	239.0	1019.0	62.7	7.5	7.2
Standard Deviation	14.7	17.8	1.6	15.4	54.3	60.2	1.9	26.9	26.9	261.1	4.1	7.6	2.0
Monitoring Wells Only		n=17											
Mean	58.3	66.2	14.0	110.9	137.5	190.7	3.5	259.2	259.2				
25% Trimmed Mean	59.7	67.2	14.3	97.1	134.3	184.0	3.7	258.6	258.6				
Median	59.8	66.3	14.2	95.6	138.0	188.0	3.7	260.0	260.0				
Standard Deviation	7.5	9.7	1.3	52.2	37.0	48.8	1.2	24.5	24.5				
Private and Monitoring Wells		n=67											
Mean	62.8	72.3	14.2	102.0	156.1	189.8	4.2	249.7	249.7	1075.7	62.9	7.4	7.5
25% Trimmed Mean	61.0	70.0	14.2	96.6	151.7	178.4	3.9	245.6	245.6	1029.3	62.9	7.5	7.4
Median	61.0	69.6	14.2	95.5	151.5	179.5	3.8	241.0	241.0	1019.0	62.7	7.5	7.2
Standard Deviation	13.5	16.5	1.5	29.2	51.4	57.2	1.8	26.7	26.7	261.1	4.1	7.6	2.0

While these data give a general overview, there are no criteria established to determine the waters are from a common aquifer. This will be done using the Kruskal-Wallis test statistic. The Kruskal-Wallis is a non-parametric test applied to confirm sample sets are from a common population.

The Kruskal-Wallis Statistic is given by:

$$H = 12/(N(N+1)) * \Sigma^{k}_{j=1} R_k^2/n_k - 3(N+1) \qquad \text{(Davis, 1986)}$$

The Kruskal-Wallis statistic, H, is approximately distributed as chi-squared (X^2) with (k-1) degrees of freedom when k = number of sample sets. The null hypothesis is accepted when the H-statistic is less than the tabulated X^2 value. This means that all data sets have equal means or come from a common population. If H is not less than X^2 then the critical difference can be found using:

$$C_i = Z_{\alpha/(k-1)} * [N(N+1)/12]^{0.5} * [1/n_l + 1/n_i]^{0.5}$$

The level of significance is set at $\alpha = 0.05$ which indicates the wells that correlate with respect to the differences in water quality through this test will only be in error one time in twenty. This is acceptable when working with great uncertainty and may even be an unrealistic demand for a statistical test used in agriculture or industry (Davis, 1986). Finally, the data sets are compared using the critical difference to distinguish data sets that come from the same population to those that do not.

The Kruskal-Wallis Test Statistic was applied to the fingerprinting data. Initial analysis was performed by separating the sample groups into monitoring wells and private wells. Sample sets included 49 private wells and 19 monitoring wells. The statistic was dominated by the difference in sample size, therefore, a different approach was taken.

One was based on ion concentrations in meq/L while the other was based on geographic location. Ionic concentrations in 71 wells included calcium, magnesium, postassium, sodium, chloride, sulfate, and nitrate. These concentrations in meq/L were ranked and the statistic applied. The statistic, H, for the entire data set was computed to be 49.5. The value of X given a 95% probability and 70 degrees of freedom was 91.53. The test statistic H is well below X^2 proving the null hypothesis. The null hypothesis proves that all sets of data come from the same population given that H is less than X^2.

A final attempt was made to fingerprint the waters through graphical representation in the following section.

Graphical Demonstration

One method of showing the similarities throughout an aquifer is through graphical representation using a radiating vector. This was used to show the similarities between the concentrations of constituents in wells with respect to their geographic location. Using this graphical representation allows for visual confirmation of water-composition differences and similarities (Hem, 1992). This is illustrated in Figure 16 and the legend is provided on the following page as Figure 15. Closer views of the figure are supplied in Appendix E.

Figure 15: Radar Graph Legend used in Figure 16

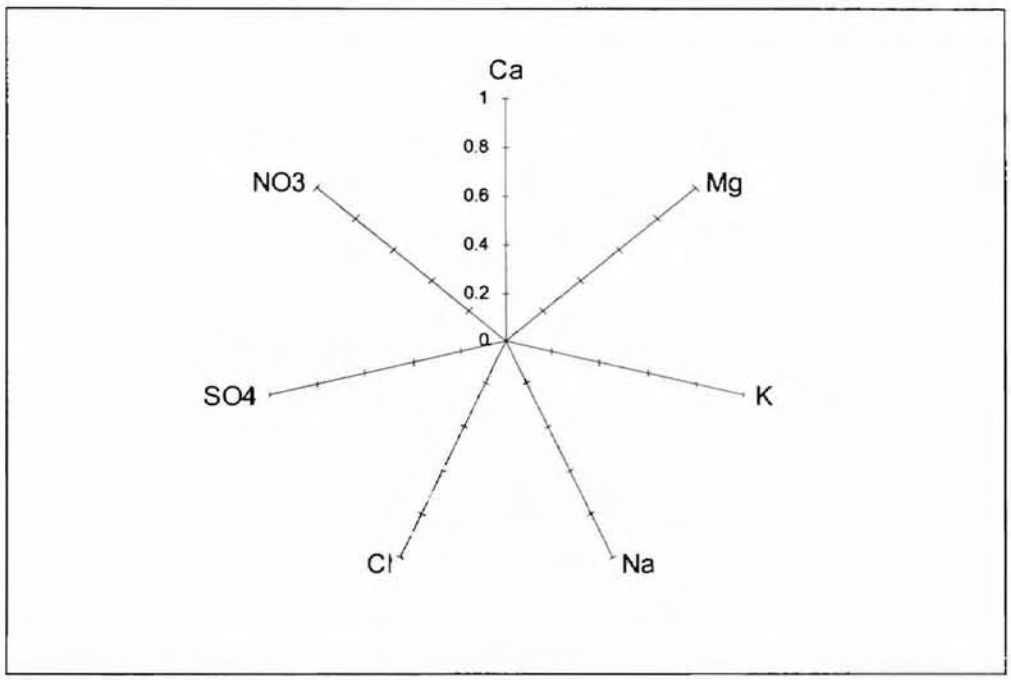
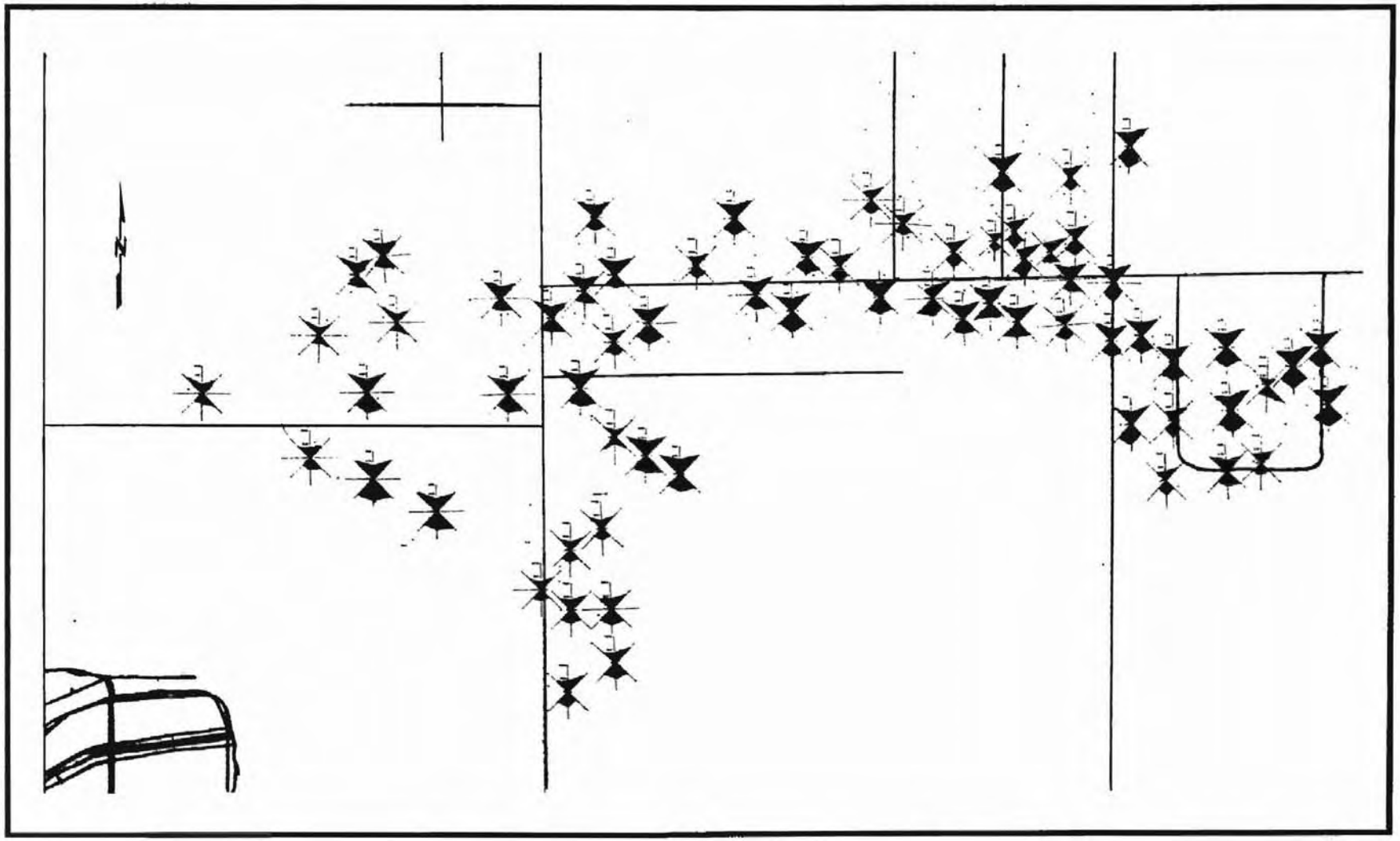


Figure 16: Radiating Vectors Depicting Groundwater Ions in meq/L



CHAPTER 5

DATA ANALYSIS OF

HYDROGEN ION, SPECIFIC CONDUCTIVITY & TRICHLOROETHANE

Hydrogen Ion Activity

The hydrogen ion activity was measured in pH units. The pH is the analog of the hydrogen ion concentration in moles per liter. Statistical parameters were determined for the mean, trimmed mean, median, and standard deviation for each date that data were available. In order to find these statistical parameters, all pH units were converted to moles per liter in order to perform calculations and then converted back for reporting. These data are presented in Table 5. A composite average of all these parameters is shown at the bottom of the table. The monitoring well data consistently provides lower pH reading than does the private well data set. The standard deviation shows a very large spread of data.

Table 5: Statistical Results for pH

	Private Well Statistics for pH					Monitoring Well Statistics for pH				
	Mean	Trimmed Mean 25%	Median	Std. Dev.	n =	Mean	Trimmed Mean 25%	Median	Std. Dev.	n =
Jan-94	6.0	6.0	6.0		1					7
Mar-94					0	7.0	7.0	7.0		1
Jun-94					0	6.7	6.7	6.7		1
Oct-94	0.5	7.5	7.5	0.2	21	6.8	6.8	6.8	7.4	31
Jan-95	7.3	7.5	7.6	7.2	22	7.0	7.0	7.0	7.3	32
Apr-95	7.4	7.5	7.5	7.6	23	6.8	6.8	6.8	7.2	33
Jul-95	1.3	7.5	7.5	0.6	18	7.0	7.0	7.0	7.4	29
Oct-95	7.5	7.5	7.5	7.9	24	7.0	7.0	7.1	7.6	35
Jan-96	7.5	7.5	7.5	7.8	24	6.9	6.9	7.0	7.1	35
Apr-96	7.2	7.3	7.3	7.6	23	7.2	7.2	7.2		32
Jul-96	7.5	7.5	7.5	7.6	24	6.9	6.9	6.9	7.3	40
Oct-96	7.3	7.4	7.4	7.4	23	6.9	6.9	6.9	7.4	43
Feb-97	7.4	7.5	7.5	7.5	27	6.9	6.9	6.9	7.3	47
May-97	7.3	7.7	7.8	6.9	30	6.7	6.9	6.9	6.6	54
Aug-97	7.4	7.5	7.5	7.6	32	7.0	7.0	7.0	7.3	54
Nov-97	7.5	7.6	7.6	7.7	29	7.1	7.1	7.1	7.6	52
Feb-98	7.5	7.6	7.6	7.7	31	7.1	7.1	7.1	7.7	54
May-98	7.6	7.7	7.7	7.7	30	7.0	7.0	7.0	7.4	57
Aug-98	6.6	7.5	7.6	6.0	28	7.2	7.2	7.2	7.7	51
Nov-98	7.1	7.3	7.3	6.9	27	7.2	7.2	7.2	7.7	52
Feb-99	6.9	7.5	7.6	6.5	27	7.3	7.3	7.2	7.6	49
May-99	7.3	7.5	7.5	7.2	24	7.3	7.3	7.3	7.7	43
Aug-99	7.4	7.4	7.4	7.8	31	7.2	7.2	7.2	7.6	50
Nov-99	7.3	7.5	7.5	7.0	28	7.1	7.1	7.2	7.7	43
Jan-00	7.4	7.4	7.4		1	7.1	7.1	7.1	7.3	13
Average	**6.7**	**7.4**	**7.4**	**6.7**	**548**	**7.0**	**7.0**	**7.0**	**7.4**	**938**

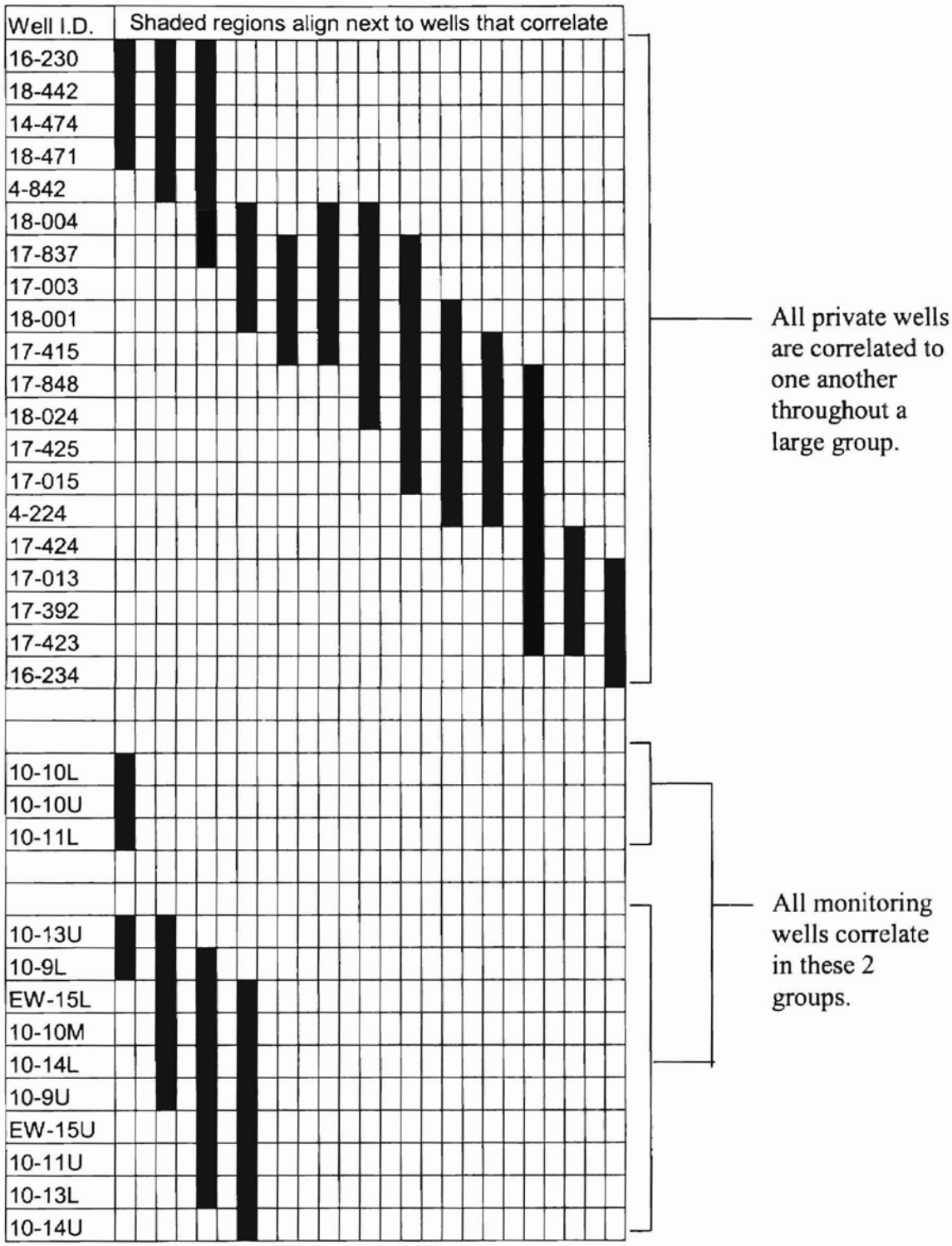
The Kruskal-Wallis test statistic was applied to 39 wells of pH data for sample sizes ranging from 5 to 7 observations. These observations were recorded during the time period from July 1996 through February 1998. Again, these data were converted to units of moles per liter. These data were ranked for the entire data set then their ranks were

summed for each well. This number is used to determine the Kruskal-Wallis Statistic, H. Critical differences had to be determined and wells identified that could be correlated to one another. A level of significance , α, was set equal to 0.05. The similar wells are presented in Figure 17.

The correlation between wells is noted with a continuous line to the right for those consistent of the same sampling population.

The results show that the monitoring wells do not correlate with the private wells at any level. There is a very distinct difference in monitoring wells and private wells. It does show the private wells that best correlate with one another and monitoring wells that best correlate with one another. It is obvious, however, that pH can not accurately be sampled from private wells.

Figure 17: Kruskal-Wallis Correlated Wells $\alpha = 0.05$ for pH



Specific Conductivity

The specific conductivity is the ability of a substance to conduct an electric current and it indicates ion concentration. Specific conductivity ranges from 50umhos/cm to 50,000 umhos/cm for groundwater. Specific conductance measured in the field should always be accompanied with the temperature to which it is very sensitive.

The specific conductance for the Reese Tower Area is summarized with the statistics listed in Table 6. The data present themselves with considerable deviations relative to the level of measure in which they resulted. Given the broad range that is typical in groundwater, 50-50,000 umhos/cm; the acknowledgement of existent pollutants, which translates into additional ions; and the irregularity with which these plumes have been identified as being existent, the lack of correlation is expected.

Both sets of data lie mainly between 1000 and 1500 umhos/cm, but nearest 1000 umhos/cm. Both sets of data have outliers on either side to approximately the same degree. There is no significant difference that can be made between private well sampling and monitoring well sampling data based on basic statistics. More advanced methods were necessary.

The Kruskal-Wallis test statistic was applied to the specific conductivity. A sample set generally had 6 to 8 observations. The sets included all wells that had a minimum of 6 observations between May 1997 and February 1999. A total of 38 wells were tested. The results are presented in Figure 18.

The correlation between wells is noted with a continuous line to the right for those consistent of the same sampling population.

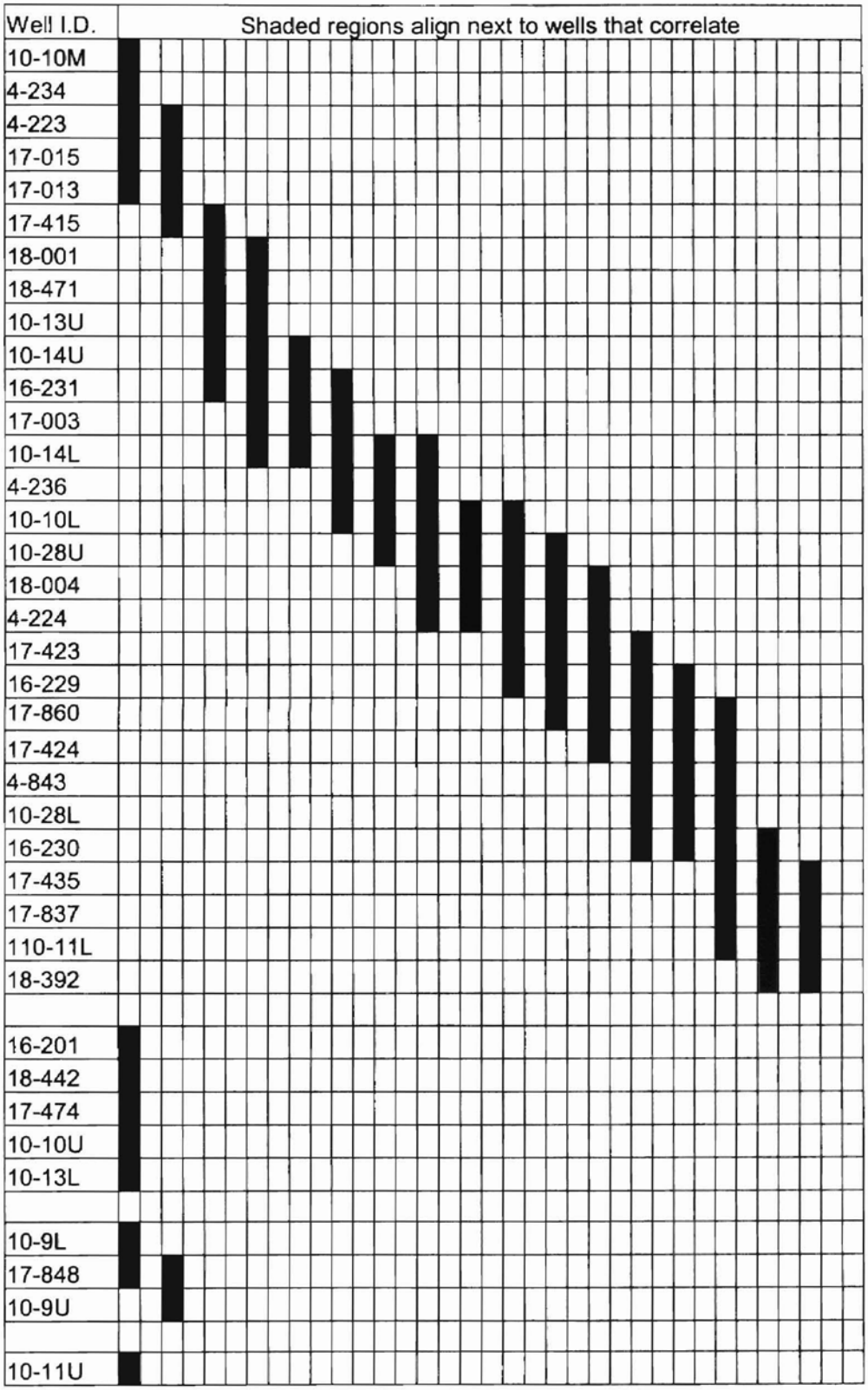
The results show one very large data set that contains 29 of the 38 wells attached through a chain of correlations. The monitoring wells are well nested in these correlations indicating that the dependence upon private wells for specific conductivity is reliable and consistent with that for monitoring wells.

Other resulting correlations also contained both monitoring wells and private wells. Although these indicated distinct differences in the study area, the theory continues to hold true that private wells can be used for an additional sampling data source with regard to specific conductivity readings.

Table 6: Statistical Results for Specific Conductance

	Private Well Statistics for Spec. Cond.					Monitoring Well Statistics for Spec. Cond.				
	Mean	**Trimmed Mean 25%**	**Median**	**Std. Dev.**	**n =**	**Mean**	**Trimmed Mean 25%**	**Median**	**Std. Dev.**	**n =**
Jan-94	1146	1146	1146		1					
Mar-94					0	1770	1770	1770		1
Jun-94					0	1840	1840	1840		1
Oct-94	1186	1170	1195	178	17	1840	1840	1840		1
Jan-95	1268	1233	1284	325	20	1580	1580	1580		1
Apr-95	1222	1160	1119	303	23	603	603	603		1
Jul-95	1136	1110	1032	224	21	951	951	951	1073	2
Oct-95	1166	1125	1142	251	27	1635	1635	1635	106	2
Jan-96	1280	1225	1226	249	24	1640	1640	1640	57	2
Apr-96	1214	1203	1188	288	25	1456	1456	1456	176	2
Jul-96	1208	1164	1179	223	25	1208	1200	1202	79	6
Oct-96	1205	1176	1191	287	20	1164	1123	1120	197	12
Feb-97	1047	1010	1007	217	28	1177	1129	1112	184	12
May-97	1032	995	975	179	29	1361	1342	1351	282	16
Aug-97	1330	1296	1330	259	31	1166	1123	1123	193	14
Nov-97	1283	1253	1241	376	29	1271	1206	1202	352	15
Feb-98	1210	1175	1174	229	30	1281	1223	1254	296	16
May-98	1533	1510	1498	329	32	1234	1172	1161	286	19
Aug-98	1111	1186	1135	457	28	1195	1128	1109	290	15
Nov-98	1173	1158	1140	211	25	1397	1335	1367	297	16
Feb-99	968	946	934	195	27	1259	1173	1178	275	16
May-99	1089	1052	1057	214	20	1279	1240	1249	297	14
Aug-99	1282	1254	1263	210	28	1428	1339	1329	408	14
Nov-99	1232	1255	1278	481	25	1445	1446	1332	262	11
Jan-00						1332	1157	1100	516	8
Average	**1196.4**	**1172.9**	**1169.7**	**270.6**	**535**	**1354.7**	**1318.8**	**1312.6**	**296.1**	**217**

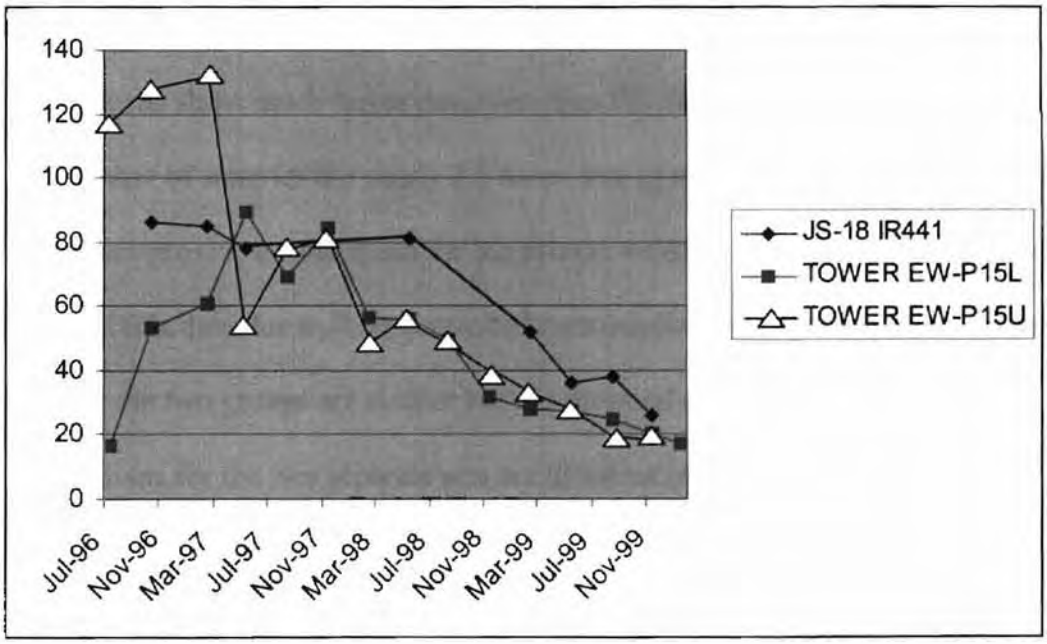
Figure 18: Kruskal-Wallis Correlated Wells $\alpha = 0.05$ for Specific Conductivity



Trichloroethene

The trichloroethene correlation was very difficult to prove/disprove due to lack of monitoring wells and private wells with immediate locations to one another. Three wells, JS18-IR441, EW-P15L and EW-P15U are adjacent to one another. The trend of TCE over time, as measured in each is shown below. The extraction wells (controlled construction) are denoted with EW-P15U and EW-P15L (for upper and lower areas of the aquifer being sampled at extraction well 15) and the private, irrigation well is denoted with JS18-IR441 (an irrigation well).

Figure 19: Comparison of JS18-IR441, EW-P15L and EW-P15U



This graph shows some correlation between TCE concentrations in controlled construction wells (such as in the extraction well) and private wells (such as the irrigation

well). Although it shows some correlation, the data is not consistent throughout. Beginning in July 1997 through November 1999, the data seems to maintain similar trends. Prior to July 1997, however, there is no evident correlation. The measured concentrations of the "controlled construction" wells seem to rise and fall independently of one another while the irrigation well maintains an intermediate position between these two as they fluctuate above and below it.

Other data graphed in similar location have similar results. The measure of similarity in such systems could be assumed as not being a true measure of the aquifer because neither system is indigenous to the aquifer. Results obtained in monitoring wells and private wells have similar ranges. Basic statistics were calculated to rate the similarities in data for TCE (see Table 7).

Again, the standard deviation should be reviewed to define the spread of data. The private wells show much larger deviation than the monitoring wells in their data sets. The number of samples are nearly 2.5 times that of monitoring wells. The larger number of samples provide a truer mean for the private wells. The monitoring wells should have more reliable data due to their controlled construction. Comparison of the means between the two groups are similar but the trimmed means show quite different numbers. The medians for the two separate sets are different by a significant amount when comparing the quantities measured.

For a better analysis of the data the Kruskal-Wallis test statistic was applied to the data sets.

Table 7: Statistical Results for TCE

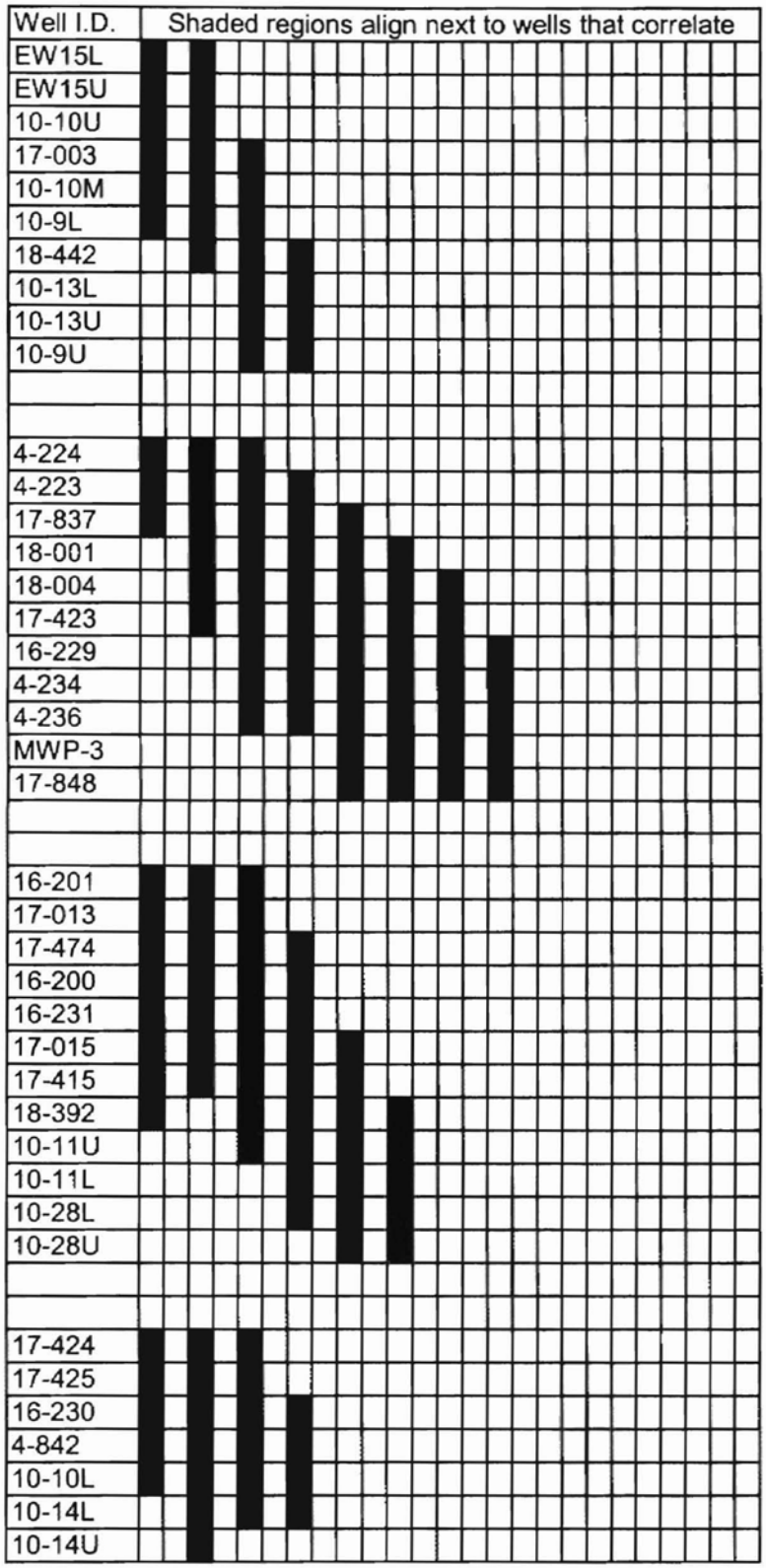
	Private Well Statistics for TCE					Monitoring Well Statistics for TCE				
	Mean	Trimmed Mean 25%	Median	Std. Dev.	n=	Mean	Trimmed Mean 25%	Median	Std. Dev.	n =
Jan-94	2.0	2.0	2.0	2.1	2					0
Mar-94	0.6	0.6	0.6		1	0.7	0.7	0.7	0.5	2
Jun-94					0	0.6	0.6	0.6	0.3	2
Oct-94	15.3	3.8	2.5	28.4	15	0.9	0.9	0.9		1
Jan-95	16.4	4.8	2.5	31.7	15	6.7	6.7	6.7		1
Apr-95	16.9	4.6	3.3	32.2	15					0
Jul-95	15.3	5.1	2.9	26.7	15	1.9	1.9	1.9	0.9	2
Oct-95	15.3	2.6	2.0	33.8	19	3.2	3.2	3.2	3.4	2
Jan-96	17.6	5.6	2.9	27.9	18	1.6	1.6	1.5	1.3	3
Apr-96	10.1	4.0	3.5	16.6	19					0
Jul-96	14.9	4.8	3.5	27.6	21	32.4	36.3	42.6	18.4	8
Oct-96	20.8	7.3	3.9	33.4	21	21.5	18.3	14.1	20.3	12
Feb-97	17.2	4.9	3.2	32.0	24	26.9	23.5	14.1	26.3	12
May-97	13.4	3.7	3.0	23.6	28	15.0	9.0	7.0	18.0	16
Aug-97	10.8	3.5	2.8	19.7	29	15.5	9.7	7.4	18.5	14
Nov-97	12.2	3.6	2.5	22.2	28	19.8	14.1	10.8	21.3	13
Feb-98	8.5	2.7	2.5	15.0	30	16.1	11.8	9.8	16.9	14
May-98	12.5	3.7	2.9	21.0	29	14.6	9.7	7.3	16.8	16
Aug-98	10.0	3.5	3.7	15.5	24	16.4	11.9	7.9	18.3	14
Nov-98	7.9	2.8	2.4	11.9	27	13.1	7.7	5.8	15.7	16
Feb-99	10.5	4.3	3.0	14.8	25	18.2	14.3	10.4	19.2	13
May-99	8.6	4.0	2.9	11.5	23	18.8	12.6	8.8	21.8	12
Aug-99	9.2	6.2	4.8	10.2	27	15.5	9.3	4.8	21.2	10
Nov-99	8.2	5.3	2.8	8.9	25	23.2	22.9	18.1	21.2	7
Jan-00	17	17	17		1	18.9	17.6	8.7	19.0	7
Average	**12.1**	**4.6**	**3.5**	**21.2**	**481**	**13.7**	**11.1**	**8.8**	**15.0**	**197**

The Kruskal-Wallis test statistic was applied to 42 wells of TCE data for sample sizes ranging from 4 to 5 observations. The observations were recorded during the period from November 1997 to November 1998. The data were ranked and the Kruskal-Wallis test statistic, H, determined. Next, critical differences were determined and rank sums of each well compared. Wells that demonstrated correlation are shown in Figure 20. Continuous vertical shading in rows to the right of wells represents correlation among the various wells.

Although many of the wells don't show a correlation in one large group it may help to consider the TCE concentrations that may be present throughout the study area. For a better understanding TCE concentration contours were developed for each of the years beginning in 1992 and are included for every year there after in Appendix F. It can be noted that the earlier contours do not cover the entire study area. By December 1994, there is a good representative coverage of the contaminated area.

It can be noted that there are a few places where the TCE concentrations approach a very high magnitude while other areas have very low concentrations. From the October 1999 sampling event, the TCE contours indicate 6 places where there is stronger concentrations of TCE, but all are at different levels.

Figure 20: Kruskal-Wallis Correlated Wells $\alpha = 0.05$ for Trichloroethene



CHAPTER 6

CONCLUSIONS

Fingerprinting

Fingerprinting of the groundwater was deemed conclusive after using radiating vector diagrams for a visual aide and Kruskal-Wallis for a quantitative result. Concentrations of constituents in relation to one another could be seen through this graphical representation. Large difference in ion ratios could be detected visually. This analysis used the concentrations of calcium, magnesium, potassium, sodium, chloride, sulfate and nitrate in milliequivalents per liter units to determine the length of each vector. The radiating vectors were similar throughout the study area (see Figure 16 or Appendix E) showing similar aquifer characteristics by visual detection.

The Kruskal-Wallis statistical test was used with a level of significance equal to 0.05 (test may produce error 1 in 20). The H statistic for the well population was determined and compared to the tabulated X^2 value. The population was found to follow the null hypothesis. Through the Kruskal-Wallis statistical analysis it was determined that all well data came from a common population; hence a common aquifer.

Once it was found that the waters were from a common aquifer, comparison of other well data could be analyzed and presented.

Hydrogen Ion Activity Analysis

The hydrogen ion activity, or pH as it is more commonly regarded as, showed a very distinct difference in the measurements taken in the monitoring wells compared that taken in the private wells. Using the Kruskal-Wallis test statistic, there was a correlation among all the data from the private wells. Using the same statistic, the monitoring wells shared a correlation but had 3 wells that didn't correlate with the entire group as can be seen in Figure 17 (page 36).

It can also be seen through the basic statistics presented in Table 5 (page 34) that the monitoring wells give more consistent data. The private wells offer little confidence in their measurements. The pH measured in private wells can be deemed unreliable for inclusion in data collection for study.

Specific Conductivity Analysis

Specific conductivity was compared through the Kruskal-Wallis test as well. The wells were all taken as individual sets of data and compared to other wells. The results shown in Figure 18 (page 39) show three sets of wells correlated to one another and a single well not correlated to any. The correlation of the three sets of wells have both monitoring wells and private wells integrated into their sets. Although this shows distinct differences in the wells throughout the study area, there is one large group that have been correlated to one another. Given that all data sets have outliers and the possibility of these sets being taken in areas with common concentrations of contaminants may explain the differences in the specific conductivity (measurement of ions). Specific conductivity

shows correlation between private wells and monitoring wells using the Kruskal-Wallis statistic.

The basic statistics show a large derivation on both the private wells and monitoring wells. The private well statistics show consistently lower measurements. The calculated parameters, mean, trimmed mean and median, are consistently lower in private wells than in monitoring wells. This shows evidence of monitoring wells resulting in more sensitive data. There is possibly some sensitivity lost in the measurement of specific conductivity from private wells. Overall, however, the use of specific conductivity data could be considered consistent within private well comparison or consistent within monitoring well comparison but cross correlations should be avoided.

Trichloroethene Analysis

The trichloroethene samples taken from each of the wells was first presented through a comparison of basic statistics (Table 7). These statistics resulted in very different parameters. Given the spatiality of the different private wells and monitoring wells one could assume these numbers to be similar. The average of each set of data is considered to be the average of the study area and has wells spaced throughout the area. The averages calculated in each set of data were different by a factor of 2 or 3. This large spread indicates inconsistent data within the sample populations.

The Kruskal-Wallis test resulted in several groups of data sets well-integrated from each population being correlated. These data appear in 4 groups of correlated sets (see figure 20, page 44). The concentrations of TCE throughout the study area are very inconsistent as can be seen in Appendix F. The correlations of wells are consistent with concentrations in similar locations when comparing monitoring wells to monitoring wells

and private wells to private wells. There are differences in the comparison of monitoring wells to private wells in different areas of similar concentration.

Furthermore, Figure 19 shows the differences in wells immediately adjacent to one another geographically. These wells are affected depending on the environment immediately surrounding it. The irrigation well in the given area can have a strong effect on the TCE concentrations observed in each of the three wells. The rate of pumping through the extraction well may cause mixing of the different layers within the aquifer. It may also create a current with which the sample seems more or less diluted depending on the concentrations being introduced in the newer waters. The depth of each well, which is usually unknown in private wells, is also a factor. The irrigation well depth is unknown in the given figure but the upper aquifer and lower aquifer are being sampled through the two different wells denoted in the diagram as TOWER EW-P15L (lower) and TOWER EW-P15U (upper).

Private well sampling for quantitative analysis for trichloroethene was determined to have insufficient controls and provided inadequate correlation between the data. The construction and utility differences create dissimilarity between the different well systems' sampling results.

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APPENDIX – Standard Operating Procedures:

Chapter 14: Single Monitoring Well Construction

Chapter 15: Monitoring Well Cluster Construction

Chapter 16: Well Development

Chapter 17: Groundwater Sampling

STANDARD OPERATING PROCEDURE C.14

SINGLE MONITORING WELL CONSTRUCTION

C.14-1.0 OBJECTIVE

Single monitoring wells (Figure C.14-1) will be installed in order to collect representative samples of groundwater, to measure the groundwater surface elevation, and to conduct various types of aquifer tests for the determination of aquifer parameters (hydraulic conductivity, storativity, etc.). All monitoring wells will be constructed in a manner that complies with all applicable federal, state, and local regulations. For further information on well installation procedures, please refer to the *Handbook of Suggested Practices for the Design and Installation of Ground-Water Monitoring Wells* (National Water Well Association, 1989).

C.14-2.0 MATERIALS

- Air rotary casing advance drilling rig (supplied by subcontractor);
- Grout mixing and pumping equipment with a tremie system equipped with a side emptying discharge attachment;
- Well materials (supplied by subcontractor);
  - 10 ft, 20 ft, and 5 ft lengths of flush-threaded, Schedule 80 PVC well screen with 0.01-in. slots,
  - flush-threaded, Schedule 80 PVC riser,
  - Centralizers,
  - washed silica grade filter sand of an appropriate gradation,
  - sodium bentonite chips or pellets,
  - cement grout (3-5% bentonite powder, 94 lbs Portland cement, and 6.5 gal. water),

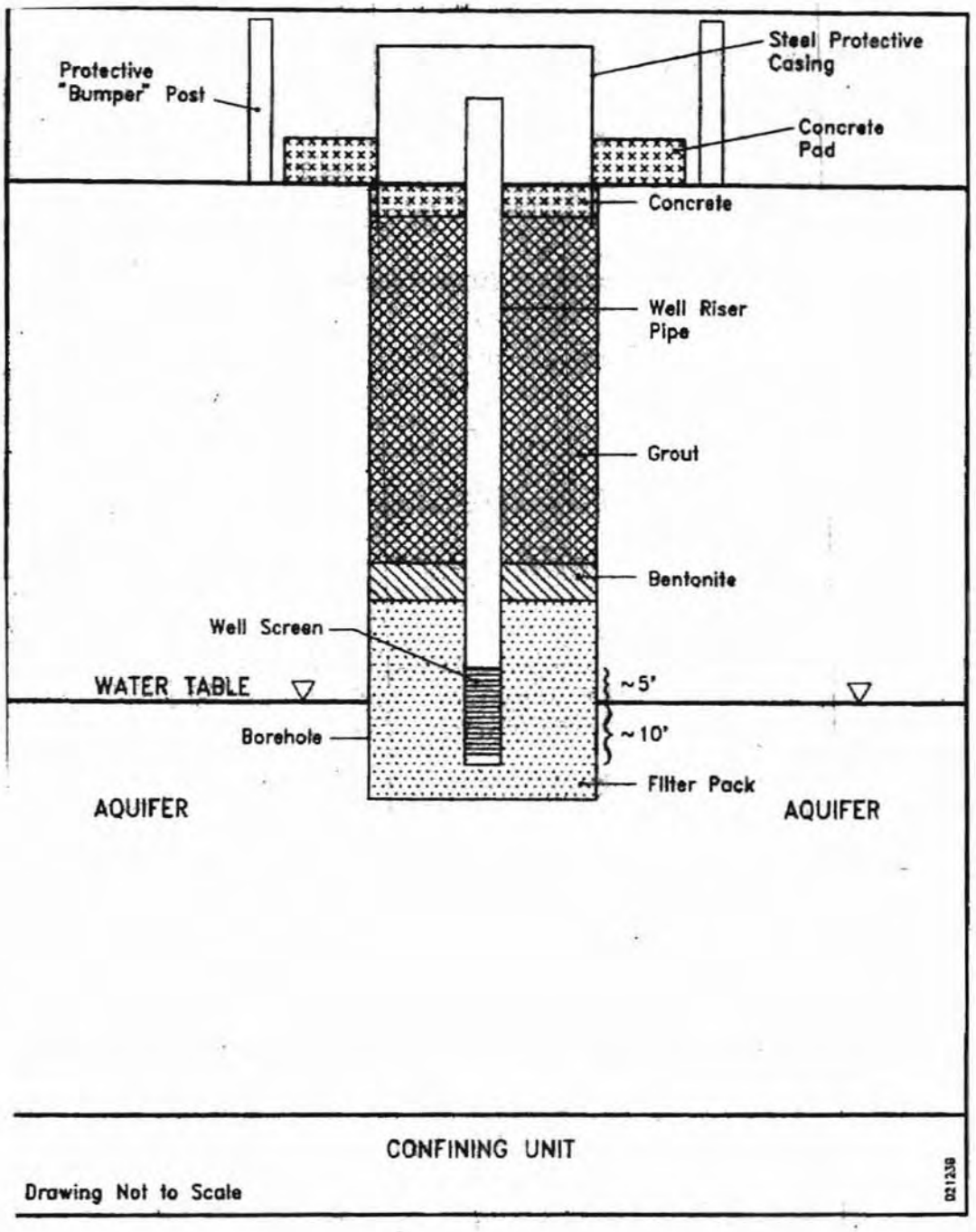

Figure C.14-1. Typical Single Shallow Monitoring Well Construction

  - Locking steel protective casing and guard posts or flush boxes, and
  - Concrete;
- Vented surge block;
- Indelible pen;
- Monitoring well construction diagram (Appendix D);
- Weighted measuring tape;
- Electric water level meter (E-line);
- Waste containers as specified in SOPs C.24 through C.26; and
- Safety equipment as specified in the Site Safety and Health Plan.

C.14-3.0 METHODOLOGY

1) Once the borehole is at the desired depth, set the drive casing to the desired depth, clean the borehole thoroughly, and check the depth to water (using E-line) and to the bottom of the borehole (using the weighted tape).

2) Immediately prior to well installation, remove the well screen and riser from the packaging and check it for imperfections as well as oil or ink. If the well materials are not clean, decontaminate them using the procedures outlined in SOP C.23.

3) Attach the casing centralizers such that they will be at the bottom, immediately above the screen and at 40-ft intervals on the riser.

4) When the borehole is clear to the desired depth, begin assembling the well in the drive casing. Place the well screen inside the drive casing and hold it in place using a slip lock or other instrument designed to suspend well screen. Do not use a pipe or chain wrench.

5) Attach the riser to the screen suspended in the drive casing and attach a top cap to the top of the riser. Remove the slip lock and use a winch attached to the top cap to slowly lower the well screen and riser to a point low enough that another section of pipe can be attached to the top of the riser.

6) Continue attaching riser using the techniques outlined in steps 4 and 5 until the well is at the desired depth. When complete, the top of the well should be 3 in. below the ground surface for a flush completion well and at 2.5 ft above the ground surface for a stick up completion well.

7) When all riser is set in place, begin adding sand slowly, pouring it into place through the drive casing. Check the depth to sand continuously using a weighted tape. If the well screen is set more than 10 feet below the water table, a tremie should be used for the sand.

8) As the sand level rises, raise the drive casing slowly so that the bottom of the drive casing is between 1 and 5 ft below the top of the filter sand.

9) Once the desired depth of sand is obtained, lower the decontaminated (SOP C.23) surge block into the well and surge it slowly at first and then gradually more vigorously across the screen length to settle the filter pack. Measure the top of the filter pack frequently and stop surging when no change in the level of the filter pack is detected.

10) Check the depth to the top of the filter pack and verify that it is between 2-3 ft above the top of the well screen. Add additional sand as required.

11) When the sand is at the desired height, begin pouring bentonite between the drive casing and well. Pour bentonite slowly to prevent bridging. Check the height of the bentonite continuously and when the bentonite is at least 3 ft above the top of the filter pack, retract the drive casing and let it rest above the bentonite. If the bentonite is installed above the water table, add clean potable water (from the Base water supply) and allow the bentonite to hydrate for at least a half hour. If the seal is more than 10 feet below the water table, a tremie should be used to pump the seal into place. In this case, a 2:1 mixture of sand to #8 mesh bentonite should be used.

12a) Seal below water table when the bentonite has hydrated, place the tremie pipe (with a side-emptying discharge attachment) between the drive casing and well and attach it to the grout mixing and pumping equipment. Make sure that the bottom of the tremie pipe is between 3-5 ft from the top of the bentonite.

12b) Seal above water table when the bentonite has hydrated, add 2 feet of sand above the seal. The sand will buffer the seal from the grout where it is installed, and the grout will seap into the sand and harden, preventing infiltration from the formation.

13) Mix the grout and begin pumping it into the borehole. Pump the grout until it is visible at the top of the borehole. For wells installed below the

water table, a high yield bentonite grout or bentonite sand mixture will be used until the top of the water table has been reached, at which point a standard cement-bentonite grout will be used.

14) Retract the drive casing completely. If the grout has fallen below the top of the borehole, add additional grout to bring the grout level up to approximately 3 ft from the top of the borehole.

15) After the grout has hardened for at least 24 hours, place the protective casing or flush box in the borehole and support it at the appropriate height (2.7 ft above the ground surface for a stick-up completion and 3 in. above the surface for a flush completion).

16) Build a square form at least 6 in. deep around the well completion, with edges of form no less than 2.0 ft from the edge of the protective casing (5-ft square). Place steel reinforcement mesh inside this form. Pour concrete into the form and smooth the concrete so that it slopes gently away from the well completion.

17) Set four 3-inch diameter protective posts at the corners of the pad. These posts will be set in postholes at least 18-inches deep and will stick up 3 feet. Concrete will be poured into the posts and the holes. Bring the concrete no higher than 2-3 inches below ground level so that the soil can be filled in over the top.

18) Mark the measuring point and write the well ID# and well total depth on the well cap with an indelible marker. Lock the well cap.

19) Collect and manage all waste as specified in SOPs C.24 through C.26.

C.14-4.0 COMMENTS

- Be sure to measure the actual lengths of all well materials carefully. Well screen and riser sections are rarely exact lengths, and in a well that is over 100 ft deep, small variations on each section can add up to a significant difference in total length.

- If possible, put tension on the well during installation of the filter pack, bentonite and grout.

- Careful, precise depth measurements and slow rates for sand and bentonite installation are the keys to a superior well construction.

- The well completion will be a permanent feature that will be visible and obvious. Make sure that completions are neat and attractive. Any time that well riser needs to be cut to achieve the proper height for the stick up, it should be cut with a hack saw before installation, or with a pipe cutter after installation so that the cut is even and level.

- In the event that a pure pocket of nonaqueous phase liquid is encountered during drilling, stainless steel screen and riser will need to be used instead of PVC below the water table.

- A well completion report should be completed and submitted to the state within 30 days of the completion of the well. A form for this report is provided in Appendix D.

STANDARD OPERATING PROCEDURE C.15

MONITORING WELL CLUSTER CONSTRUCTION

C.15-1.0 OBJECTIVE

Monitoring well clusters are groups of two or more wells that are completed in t same borehole, or two separate boreholes located side-by-side, but with screens at different depths. Figure C.15-1 illustrates a vertical view of a monitoring well cluster. Monitoring well clusters will be installed to collect representative samples of groundwater, to measure the groundwater surface elevation, and to conduct various types of aquifer tests for the determination of aquifer characteristics. The wells within a cluster will be installed at varied depths within the aquifer to delineate depth specific variations in hydrogeologic and chemical properties. All monitoring well clusters will be constructed in a manner that complies with all applicable federal, state, and local regulations. For further information on well installation procedures, refer to the *Handbook of Suggested Practices for the Design and Installation of Ground-Water Monitoring Wells* (National Water Well Association, 1989).

C.15-2.0 MATERIALS

- Air rotary casing advance drilling rig (supplied by subcontractor);
- Grout mixing and pumping equipment with a tremie system equipped with a side emptying discharge attachment;
- Well materials (supplied by subcontractor);
  - 20-ft, 10-ft, and 5-ft lengths of 2-in.-diameter, flush-threaded, schedule 40 PVC well screen with 0.01-in. slots and flush threads,
  - 2-in.-diameter, flush-threaded, Schedule 40 PVC,
  - Specially constructed, cluster well casing centralizers,

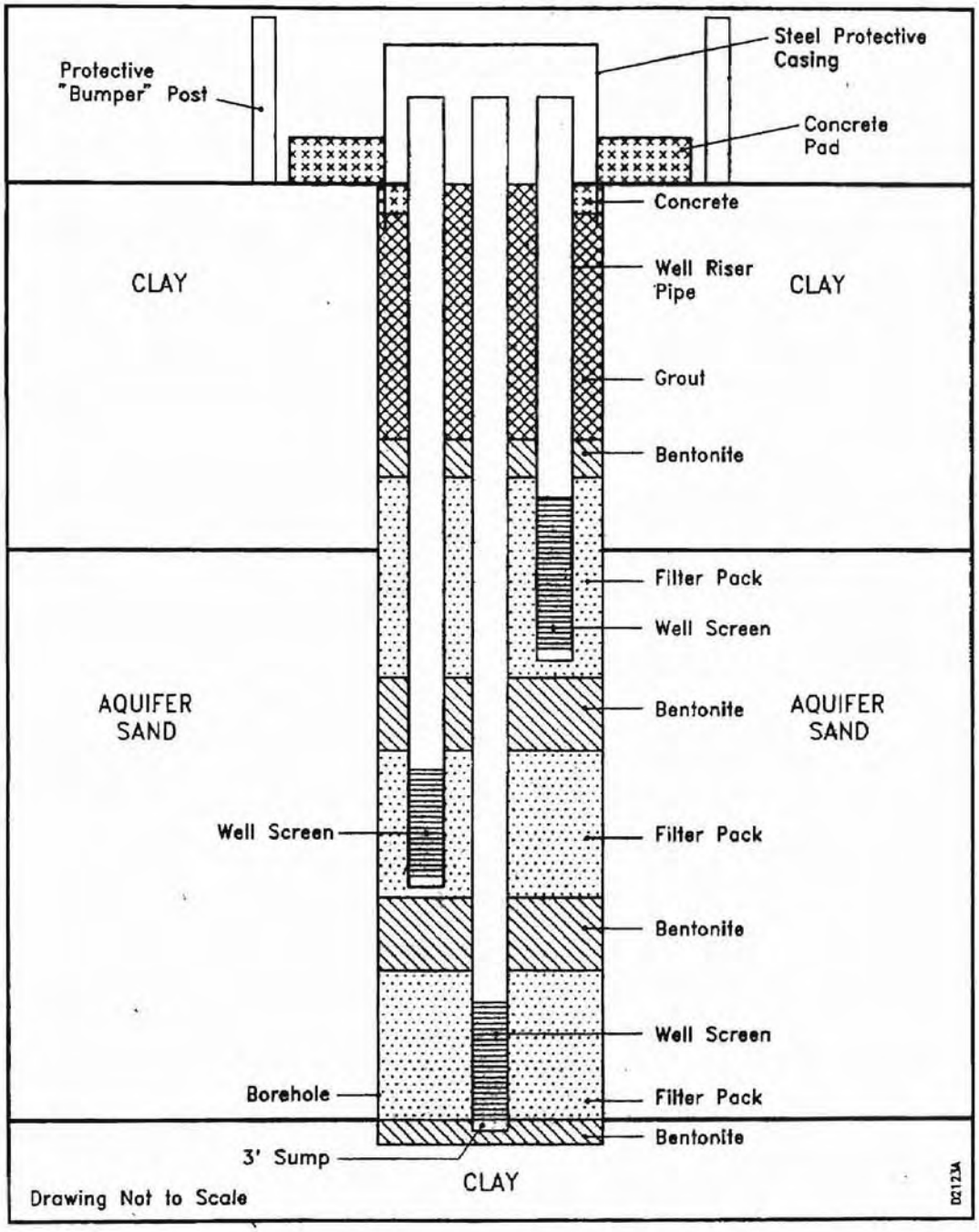

Figure C.15-1. Typical Monitoring Well Cluster Construction

  - Washed silica grade filter sand of an appropriate gradation,
  - 1/4-in. sodium bentonite pellets,
  - Neat cement grout (3-5% bentonite powder, 94 lbs Portland cement, and 7 gal. water),
  - Locking steel protective casing and guard posts or flush boxes, and
  - Concrete.
- Vented surge block;
- Indelible pen;
- Well completion log (Appendix D);
- Weighted measuring tape;
- Electric water level meter (E-line); and
- Safety equipment as specified in the Site Safety and Health Plan.

C.15-3.0 METHODOLOGY

1) Immediately prior to the completion of the borehole, remove the well screen and riser from the packaging and check it for imperfections as well as oil or ink. If the well materials are not clean, decontaminate them using the procedures outlined in SOP C.23.

2) Place the well screen and riser on a clean surface (such as sawhorses) and attach casing centralizers.

3) Once the borehole is at the desired depth, set the drive casing to the desired depth, clean the borehole thoroughly, and check the depth to water (using E-line) and to the bottom of the borehole (using the weighted tape). When the borehole is clear, set the tremie 5-10 feet above the bottom of the borehole.

4) If the borehole is clear to the desired depth, begin assembling the well in the drive casing. Place the bottom well screen inside the drive casing and hold it in place using a slip lock or other instrument designed to suspend well screen. Do not use a pipe or chain wrench.

5) Attach the riser to the screen suspended in the drive casing and attach a top cap to the top of the riser. Remove the slip lock and use a winch attached to the top cap to slowly lower the well screen and riser to a point low enough that another section of pipe can be attached to the top of the riser. At the appropriate depth, attach the second (or third) well screen and riser and lash it to the lower-most screen and riser.

6) Continue attaching riser using the techniques outlined in steps 4 and 5 until sufficient well screen and riser have been attached, and the wells are resting at the appropriate depth. When complete, the top of the well should be 3 in. below the ground surface for flush completion wells and at 2.5 ft above the ground surface for a stick-up completion well.

7) When the riser is set in place, begin adding sand slowly, washing it through a tremie with potable water. Check the depth to sand continuously using a weighted tape.

8) As the sand level rises, raise the drive casing slowly so that the bottom of the drive casing is between 1 and 5 ft below the top of the filter sand. Maintain the tremie 1-5 feet above the top of the filter pack.

9) Lower the decontaminated (Section C.23) surge block into the well and surge it slowly at first and then gradually more vigorously across the screen length to settle the filter pack. Measure the top of the filter pack frequently and stop surging when no change in the level of the filter pack is detected.

10) Check the depth to the top of the filter pack and verify that it is between 1-2 ft above the top of the well screen. Add additional sand as required.

11) Using the tremie, begin slowly pumping bentonite between the drive casing and well. Pump bentonite slowly to prevent bridging. Check the height of the bentonite continuously and when the bentonite is brought up to the desired depth of the next highest well and at least five feet above the top of the filter pack of the lower well, retract the drive casing and let it rest above the bentonite. If the bentonite is installed above the water table, add clean potable water (from the Base water supply) and allow the bentonite to hydrate for at least a half hour.

12) When the bentonite has hydrated, begin installation of the next well, starting with step 7. If more than two wells are to be installed in the borehole, repeat from step 7 as necessary until all wells have been installed.

13) When the bentonite on the final well seal has hydrated, replace the tremie pipe (with a side emptying discharge attachment) between the drive casing

and well and attach it to the grout mixing and pumping equipment. Make sure that the bottom of the tremie pipe is between 3-5 ft from the top of the bentonite.

14) Mix the grout and begin pumping it into the borehole. Pump the grout until it is visible at the top of the borehole.

15) Remove the tremie system and retract the drive casing completely. If the grout has fallen below the top of the borehole, add additional grout to bring the grout level up to approximately 3 ft from the top of the borehole.

16) After the grout has hardened for at least 24 hours, place the protective casing or flush box in the borehole and support it at the appropriate height (2.5 ft above the ground surface for a stick-up completion and 3 in. above the surface for a flush completion.

17) Build a square form at least 6 in. deep around the well completion, with the edges of the form no less than 2.0 ft. from the edge of the protective casing (5.0 ft square). Place steel reinforcing mesh inside the form. Pour concrete into the form and smooth the concrete so that it slopes gently away from the well completion.

18) Set four 3-inch diameter protective posts at the corners of the pad. These posts will be set in boreholes at least 18 inches deep and will stick up 3 feet. Concrete will be poured into the posts and the borehole. Bring the concrete no higher than 2-3 inches below ground level so that the soil can be resodded over the top.

19) Mark the measuring point on the well and write the well ID# and measuring point elevation on the cap with an indelible marker. Lock well cap.

20) Collect and manage all wastes as specified in SOPs C.24 through C.26.

C.15-4.0 COMMENTS

- Be sure to measure the actual lengths of all well materials carefully. Well screen and riser sections are rarely exact lengths, and in a well that is over 100 ft deep, small variations on each section can add up to a significant difference in total length.

- With multiple well completions, the measurement of depths of various hydrogeologic and well completion features is critical for installing a multiple completion well. It is imperative that frequent measurements be taken of all salient parameters. It is also useful to sketch a figure prior to well installation in order to identify target depths. This will save calculation time and possible mistakes during installation.

- Careful, precise depth measurements and slow rates for sand and bentonite installation are the keys to a superior well construction. This is especially important considering the presence of two or three wells in the same borehole.

- The well completion will be a permanent feature that will be visible and obvious. Make sure that completions are neat and attractive. Any time that well riser needs to be cut to achieve the proper height for the stick-up, it should be cut with a hack saw before installation, or with a pipe cutter after installation so that the cut is even and level.

- In the event that a pocket of pure dense nonaqueous phase liquid is encountered during drilling, stainless steel screen and riser will need to be used instead of PVC below the water table.

STANDARD OPERATING PROCEDURE C.16
WELL DEVELOPMENT

C.16-1.0 OBJECTIVE

Each monitoring well installed during the RFI will be developed to:

- Remove fine-grained native soil material that collected in the well casing during construction;
- Grade the filter pack from formation to casing; and
- Remove drilling fluids used during well construction or other constituents potentially carried down within the well during drilling, to allow for accurate chemical measurements to be made during well sampling, and to reduce potential cross contamination within the borehole.

Development will be conducted by the drilling subcontractor. During well development, water quality parameters will be measured and pumping rates will be documented, the latter of which can be used to select sample purge rates and pumping test rates during future field activities. Water level measurements should be collected during development to assess the specific capacity of the well.

C.16-2.0 EQUIPMENT AND MATERIAL NEEDS

- Copies of well drilling and installation records, including lithologic logs for the well to be developed;
- Water level probe;
- pH/temperature/electrical conductivity/meter (and calibration standards);
- Turbidity meter;
- Clear glass jars;

- Bailer and appropriate pumping equipment;
- Well development log (Appendix D);
- Decontamination equipment as specified in SOP C.23;
- Waste management equipment as specified in SOPs C.24 and C.26; and
- Health and safety equipment as specified in the Site Safety and Health Plan.

C.16-3.0 METHODOLOGY

1) Begin developing no sooner than 24 hours after a well has been constructed;

2) Prior to the start of development activities, clean all well development equipment following proper decontamination procedures as specified in SOP C.23;

3) Before developing a well, measure the total well depth and the depth to the top of the water table, and record the measurements in the well development log;

4) With the subcontractor's assistance, alternately surge and bail the well until minimal fines are produced and the purged water begins to clear;

5) Take water quality measurements frequently once the water clears, at least every half hour; take measurements more frequently as visual observations or water quality measurements indicate that the consistency of the water is changing. Do not take water quality readings from opaque, visibly sediment-laden water;

6) Contain purge water in properly labeled drums, and handle according to specifications in SOPs C.24 through C.26;

7) Have the subcontractor install a development pump (typically 2- to 5-gpm capacity, submersible or centrifugal pump);

8) Purge water from the well using the pump, at a rate approximately equal to or greater than the anticipated purging/sampling rate.

9) Take water quality measurements until the following criteria for continuing development have been met:

- Develop until the pH, temperature, and specific conductivity, have stabilized to within 10% of the previous two readings, and until sediment in the water has cleared to a point such that the turbidity meter reads equal to or less than 5 nephelometric turbidity units (NTUs);

- Until at least as much water as was introduced during drilling, if any, has been removed from the well; and

- Until one well casing volume and one filter pack volume have been purged;

10) Record all measurements in the well development log (Appendix D);

11) Continue to contain the purge water according to methods outlined in the Waste Management Plan; and

12) When development is complete, measure and record a final total well depth and top of the water table depth.

C.16-4.0 COMMENTS

- Wells at the site are expected to produce sufficient volumes of water to allow for standard development. However, slow producing wells may need to be developed using an alternative procedure. If, during the initial phases of development, a well is bailed dry, development should be performed by bailing the well, allowing it to recover to at least 90% of the initial water level, and repeating the bailing.

STANDARD OPERATING PROCEDURE C.17
GROUNDWATER SAMPLING

C.17-1.0 OBJECTIVE

This SOP outlines the methods used for conducting groundwater sampling. These procedures will be followed to ensure that samples collected from monitoring wells are representative of the groundwater in the formation within which the well is screened.

C.17-2.0 EQUIPMENT AND MATERIALS NEEDED

Existing wells at the site are either equipped with dedicated Teflon™ and stainless steel bladder pumps, or dedicated Teflon™ bailers. The existing wells and wells that will be installed during the RFI will be purged with either dedicated bladder pumps or portable electric submersible pumps. Samples will be collected from the dedicated pumps or from dedicated Teflon™ bailers, where applicable.

Equipment and materials required for groundwater sampling include:

- Copies of approved Sampling and Analysis Plan (SAP), Site Safety and Health Plan (SSHP), and Waste Management Plan (WMP);
- Bladder pump with Teflon™ bladder and stainless steel case;
- Control box;
- Compressed gas source;
- Air lines;
- Portable submersible centrifugal purge pump and discharge hose;
- Electrical source (gasoline powered portable generator);
- Clear Teflon™ bailer (POL Yard wells only);
- Dedicated Teflon™ bailers;

- Electric water level meter (E-line);
- pH/temperature/specific conductance/dissolved oxygen/redox potential meter, flow-through cell and calibration standards;
- pH paper;
- Decontamination supplies as specified in SOP C.23;
- Sample containers, preservatives, coolers, sample labels, and ice (Table C.17-1);
- Field documentation (field log book, field data sheets, chain-of-custody forms);
- Groundwater sampling log (Appendix D);
- Waste containers as specified in SOPs C.24 and C.26; and
- Health and safety equipment as specified in the Site Safety and Health Plan.

C.17-3.0 METHODOLOGY

The following procedures are written with separate steps for: 1) wells with dedicated bailers which require a portable purge pump; 2) wells equipped with dedicated bladder pump systems; and 3) wells in which dedicated bladder pumps may be installed.

1) Ensure that all equipment is properly operated and calibration by following the equipment manuals provided by the equipment manufacturer. Record results of the equipment check in the log book.

2) Locate well and record well number, site, date, time, weather conditions, and condition of well completion on the groundwater sampling log and in the field log book.

3) Open well, noting condition of inner well seal/cap on the groundwater sampling log, and measure depth to water and total well depth with a decontaminated E-line.

Table C.17-1

Container Requirements for Groundwater Samples

Reference Method	Parameter	Container
EPA:300.0	Anions	
EPA:160.1	Total Dissolved Solids (TDS)	One 500 mL plastic bottle
EPA:418.1	Total Recoverable Petroleum Hydrocarbons	One 1 L amber glass bottle
SW-846:6010	Ba, Be, Co, Cr, Cu, Ni, Ag, Sn, V, Zn, Fe, Cd, Mg, Mn	One 1 L plastic bottle
SW-846:7041	Sb	
SW-846:7060	As	
SW-846:7421	Pb	
SW-846:7470	Hg	
SW-846:7740	Se	
SW-846:7841	Tl	
SW-846:8080	Organochlorine Pesticides/PCBs	One 1 L amber glass bottle
SW-846:8140	Organophosphorus Pesticides	One 1 L amber glass bottle
SW-846-8150	Chlorinated Herbicides	One 1 L amber glass bottle
SW-846:8240	Volatile Organic Compounds	Three 40 mL glass VOC vials; no headspace
SW-846:8270	Semivolatile Organic Compounds	One 1 L amber glass bottle
SW-846:8280	Dioxins and Furans	One 1 L amber glass bottle
SW-846:9010	Cyanide	One 500 mL plastic bottle
SW-846:9030	Sulfide	One 250 mL plastic bottle
SW-846:8260	Volatile Organic Compounds	Three 40 mL glass VOC vials; no headspace
SW-846:8240	Volatile Organic Compounds	Three 40 mL glass VOC vials; no headspace
EPA:410.1 EPA:415.2	COD TOC	One 1 L amber glass bottle
SW-846:9020	Total Organic Halides	One 500 mL amber glass bottle
SW-846:9066	Phenols	One 500 mL amber glass bottle
EPA:353.1 EPA:351.3	Nitrate/nitrite TKN	One 1 L amber glass bottle
EPA:365.2	Orthophosphate	One 500 mL amber glass bottle
SM5210	BOD	One 1 L amber glass bottle
SM2540C	TSS	One 250 mL amber glass bottle
SM9215	Total Hetotrophic Bacteria	3x40 mL VOA vial

Extra sample bottles are required for MS/MSDs and field duplicates.

4) Check for presence of a floating free-phase product layer in the well with a clear, Teflon™ bailer (POL Yard wells only).

5) Calculate total submerged casing volume.

Steps 6a and 7a apply to the installation of a portable purge pump (i.e., submersible pump) to be used in existing wells equipped with dedicated bailers:

6a) Remove dedicated Teflon™ bailer and rope from well and place in a clean plastic garbage bag.

7a) Lower decontaminated pump to desired depth (near top of water column) and connect to electrical source (gasoline-powered generators should be situated down-wind of the well head).

Steps 6b and 7b apply to wells with dedicated bladder pump systems:

6b) Connect air lines from regulated compressed gas source to control box.

7b) Start gasoline powered air compressor (situate down wind from well head) and start air flow, controlling discharge and refill cycle rate of the bladder with the knobs on the control box. Flow rate can be adjusted with the throttle knob on the control box.

Steps 6c and 7c apply to wells in which dedicated bladder pumps may be installed prior to sampling.

6c) Attach air lines, sample lines, and lifting lines to pump. Lifting lines should bear the weight of the pump with air and sampling lines attached to lifting lines approximately every 10 ft with appropriate inert devices. All lines and pumps should be thoroughly decontaminated prior to installation.

7c) Lower pump into well to desired level and fix in place following manufacturers specifications.

8) Connect the flow-through cell to the discharge hose and direct the discharge into the 225-gallon tank located in the sampling van.

9) Wells should be purged at a low flow rate (approx. 0.25 gallon/minute).

10) Measure pH, specific conductance, temperature, dissolved oxygen and redox potential of the discharge water throughout purging. Measurements should be recorded at an interval sufficient to determine changes in water quality parameters: a maximum of one reading every 1/2 gallon for wells containing a small volume of water, and a minimum of about 10 readings per purge. Purging will be complete when these parameters have stabilized to within ±0.2 mg O_2/l, ±0.10 pH units, and ±10.0 ms/cm specific conductance over a successive well volume. A minimum of one and no more than three wetted borehole volumes will be purged. Record the water quality readings and the volume purged on the groundwater sampling log.

11) Collect one final depth to water measurement with the decontaminated E-line to ensure that sufficient water remains in the well to fill all required sample containers.

12) Reduce the pumping rate for sampling. VOA samples should be collected first, with no headspace remaining in capped vials. Care should be taken to avoid agitation and splashing of the sample.

13) Preservatives for VOA samples need to be added to the vial prior to sampling. One VOA vial should be filled with the sample, and drops of preservative added until the desired pH is reached (measure with pH paper). The same number of drops should then be added to the empty VOA vials prior to collection of the samples. Samples for other analyses should have the preservatives added to the full sample bottle, and a small amount will be poured into a small vessel, where the pH can be tested. Preservative will be added until the desired pH is reached.

14) Complete the sample labels accurately and legibly and affix to the sample bottles with clear packaging tape. Individual sample bottles (and groups of three VOA vials) will be placed in Zip-loc™ bags and stored on ice prior to shipping (see SOP C.22).

15) Collect and manage all wastes as outlined in SOPs C.24 and C.26.

16) Decontaminate all sampling equipment that has touched contaminated water, soil or wastes (see SOP C.23).

C.17-4.0 COMMENTS

- Dedicated sampling devices are installed in many wells to minimize the potential for cross-contamination and reduce the need for decontamination. Only the portable submersible purge pump, the E-line and the clear Teflon™ bailer (POL Yard wells only) will need

decontamination between wells. Decontamination procedures are presented in SOP C.23.

- If the well should be pumped dry during purging, the sampler will wait until sufficient water has recharged to the well.

APPENDIX B – Historical Sampling Data

for

Reese Air Force Base

TCE, pH, and Specific Conductivity

January 1994-January 2000

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-16	216	8-Nov-99	SW9040	pH	7.34		PH UNITS
JS-18	DW001	21-Oct-94	SW9040	pH	7.4		PH UNITS
JS-18	DW001	21-Jan-95	SW9040	pH	6.65		PH UNITS
JS-18	DW001	25-Apr-95	SW9040	pH	7.58		PH UNITS
JS-18	DW001	16-Jul-95	SW9040	pH	7.5		PH UNITS
JS-18	DW001	22-Oct-95	SW9040	pH	7.44		PH UNITS
JS-18	DW001	27-Jan-96	SW9040	pH	7.42		PH UNITS
JS-18	DW001	27-Apr-96	SW9040	pH	7.58		PH UNITS
JS-18	DW001	21-Jul-96	SW9040	pH	7.78		PH UNITS
JS-18	DW001	19-Oct-96	SW9040	pH	7.53		PH UNITS
JS-18	DW001	16-Feb-97	SW9040	pH	7.44		PH UNITS
JS-18	DW001	18-May-97	SW9040	pH	7.85		PH UNITS
JS-18	DW001	24-Aug-97	SW9040	pH	7.47		PH UNITS
JS-18	DW001	13-Nov-97	SW9040	pH	7.59		PH UNITS
JS-18	DW001	15-Feb-98	SW9040	pH	8.15		PH UNITS
JS-18	DW001	12-May-98	SW9040	pH	7.65		PH UNITS
JS-18	DW001	20-Aug-98	SW9040	pH	7.74		PH UNITS
JS-18	DW001	9-Feb-99	SW9040	pH	8.87		PH UNITS
JS-18	DW001	20-May-99	SW9040	pH	7.75		PH UNITS
JS-18	DW001-AF	25-Apr-95	SW9040	pH	7.87		PH UNITS
JS-17	DW003	18-Oct-94	SW9040	pH	7.15		PH UNITS
JS-17	DW003	19-Jan-95	SW9040	pH	7.5		PH UNITS
JS-17	DW003	16-May-95	SW9040	pH	7.33		PH UNITS
JS-17	DW003	14-Jul-95	SW9040	pH	7.58		PH UNITS
JS-17	DW003	20-Oct-95	SW9040	pH	7.25		PH UNITS
JS-17	DW003	23-Jan-96	SW9040	pH	7.46		PH UNITS
JS-17	DW003	26-Apr-96	SW9040	pH	7.2		PH UNITS
JS-17	DW003	21-Jul-96	SW9040	pH	7.42		PH UNITS
JS-17	DW003	19-Oct-96	SW9040	pH	7.47		PH UNITS
JS-17	DW003	13-Feb-97	SW9040	pH	7.49		PH UNITS
JS-17	DW003	16-May-97	SW9040	pH	8.19		PH UNITS
JS-17	DW003	21-Aug-97	SW9040	pH	7.49		PH UNITS
JS-17	DW003	14-Nov-97	SW9040	pH	7.72		PH UNITS
JS-17	DW003	12-Feb-98	SW9040	pH	8.34		PH UNITS
JS-17	DW003	12-May-98	SW9040	pH	7.68		PH UNITS
JS-17	DW003	19-Aug-98	SW9040	pH	7.58		PH UNITS
JS-17	DW003	19-Nov-98	SW9040	pH	7.38		PH UNITS
JS-17	DW003	10-Feb-99	SW9040	pH	8.03		PH UNITS
JS-17	DW003	19-May-99	SW9040	pH	7.43		PH UNITS
JS-17	DW003	11-Aug-99	SW9040	pH	7.32		PH UNITS
JS-17	DW003	10-Nov-99	SW9040	pH	7.55		PH UNITS
JS-17	DW003-AF	16-May-95	SW9040	pH	7.31		PH UNITS
JS-18	DW004	20-Jan-94	SW9040	pH	6		PH UNITS
JS-18	DW004	21-Oct-94	SW9040	pH	7.36		PH UNITS
JS-18	DW004	24-Apr-95	SW9040	pH	7.61		PH UNITS
JS-18	DW004	23-Oct-95	SW9040	pH	7.76		PH UNITS
JS-18	DW004	29-Jan-96	SW9040	pH	7.81		PH UNITS
JS-18	DW004	27-Apr-96	SW9040	pH	7.37		PH UNITS
JS-18	DW004	19-Jul-96	SW9040	pH	7.59		PH UNITS
JS-18	DW004	20-Oct-96	SW9040	pH	7.49		PH UNITS
JS-18	DW004	16-Feb-97	SW9040	pH	7.57		PH UNITS
JS-18	DW004	16-May-97	SW9040	pH	7.89		PH UNITS
JS-18	DW004	22-Aug-97	SW9040	pH	7.41		PH UNITS
JS-18	DW004	15-Nov-97	SW9040	pH	7.92		PH UNITS
JS-18	DW004	15-Feb-98	SW9040	pH	7.49		PH UNITS
JS-18	DW004	13-May-98	SW9040	pH	7.73		PH UNITS
JS-18	DW004	20-Aug-98	SW9040	pH	7.82		PH UNITS
JS-18	DW004	9-Feb-99	SW9040	pH	8.11		PH UNITS
JS-18	DW004	12-Aug-99	SW9040	pH	7.71		PH UNITS
JS-18	DW004	9-Nov-99	SW9040	pH	7.53		PH UNITS
JS-18	DW004-AF	16-Jul-95	SW9040	pH	7.25		PH UNITS
JS-18	DW004-AF	29-Jan-96	SW9040	pH	7.8		PH UNITS
JS-18	DW010	20-Oct-94	SW9040	pH	7.15		PH UNITS
JS-17	DW013	27-Jan-96	SW9040	pH	7.46		PH UNITS
JS-17	DW013	18-May-97	SW9040	pH	8.14		PH UNITS
JS-17	DW013	22-Aug-97	SW9040	pH	7.39		PH UNITS
JS-17	DW013	13-Nov-97	SW9040	pH	7.55		PH UNITS
JS-17	DW013	12-Feb-98	SW9040	pH	7.79		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-17	DW013	13-May-98	SW9040	pH	7.68		PH UNITS
JS-17	DW013	21-Aug-98	SW9040	pH	7.44		PH UNITS
JS-17	DW013	19-Nov-98	SW9040	pH	7.2		PH UNITS
JS-17	DW013	19-May-99	SW9040	pH	7.29		PH UNITS
JS-17	DW013	12-Aug-99	SW9040	pH	7.34		PH UNITS
JS-17	DW013	11-Nov-99	SW9040	pH	7.84		PH UNITS
JS-17	DW014	19-Oct-94	SW9040	pH	7.23		PH UNITS
JS-17	DW015	19-Jan-95	SW9040	pH	7.25		PH UNITS
JS-17	DW015	14-Jul-95	SW9040	pH	7.38		PH UNITS
JS-17	DW015	20-Oct-95	SW9040	pH	7.21		PH UNITS
JS-17	DW015	27-Apr-96	SW9040	pH	7.24		PH UNITS
JS-17	DW015	21-Jul-96	SW9040	pH	7.45		PH UNITS
JS-17	DW015	20-Oct-96	SW9040	pH	7.42		PH UNITS
JS-17	DW015	15-Feb-97	SW9040	pH	7.91		PH UNITS
JS-17	DW015	18-May-97	SW9040	pH	8.08		PH UNITS
JS-17	DW015	12-Feb-98	SW9040	pH	7.47		PH UNITS
JS-17	DW015	13-May-98	SW9040	pH	7.63		PH UNITS
JS-17	DW015	19-Aug-98	SW9040	pH	7.95		PH UNITS
JS-17	DW015	19-Nov-98	SW9040	pH	7.9		PH UNITS
JS-17	DW015	10-Feb-99	SW9040	pH	7.88		PH UNITS
JS-17	DW015	18-May-99	SW9040	pH	7.43		PH UNITS
JS-17	DW015	11-Aug-99	SW9040	pH	7.3		PH UNITS
JS-17	DW015	10-Nov-99	SW9040	pH	7.53		PH UNITS
JS-17	DW016	27-Jan-96	SW9040	pH	7.56		PH UNITS
JS-17	DW016	21-Jul-96	SW9040	pH	7.37		PH UNITS
JS-17	DW016	12-Feb-98	SW9040	pH	7.57		PH UNITS
JS-17	DW016	20-Aug-98	SW9040	pH	7.86		PH UNITS
JS-17	DW016	19-Nov-98	SW9040	pH	12		PH UNITS
JS-17	DW016	10-Feb-99	SW9040	pH	7.58		PH UNITS
JS-18	DW024	21-Jul-96	SW9040	pH	7.83		PH UNITS
JS-18	DW024	13-Feb-97	SW9040	pH	7.81		PH UNITS
JS-18	DW024	17-May-97	SW9040	pH	7.89		PH UNITS
JS-18	DW024	22-Aug-97	SW9040	pH	7.76		PH UNITS
JS-18	DW024	13-Nov-97	SW9040	pH	7.78		PH UNITS
JS-16	DW101	20-Apr-95	SW9040	pH	7.24		PH UNITS
JS-16	DW101	11-Feb-98	SW9040	pH	7.54		PH UNITS
JS-16	DW196	24-Jan-96	SW9040	pH	7.47		PH UNITS
JS-16	DW199	24-Apr-96	SW9040	pH	7.22		PH UNITS
JS-16	DW199	18-Aug-98	SW9040	pH	4.47		PH UNITS
JS-16	DW199	17-May-99	SW9040	pH	7.52		PH UNITS
JS-16	DW200	15-May-98	SW9040	pH	7.64		PH UNITS
JS-16	DW200	19-Aug-98	SW9040	pH	6.42		PH UNITS
JS-16	DW200	17-Nov-98	SW9040	pH	6.52		PH UNITS
JS-16	DW200	9-Feb-99	SW9040	pH	7.24		PH UNITS
JS-16	DW200	12-Aug-99	SW9040	pH	7.28		PH UNITS
JS-16	DW200	9-Nov-99	SW9040	pH	6.26		PH UNITS
JS-16	DW201	13-Feb-97	SW9040	pH	7.33		PH UNITS
JS-16	DW201	20-Aug-97	SW9040	pH	7.26		PH UNITS
JS-16	DW201	10-Nov-97	SW9040	pH	7.56		PH UNITS
JS-16	DW201	10-Feb-98	SW9040	pH	7.19		PH UNITS
JS-16	DW201	13-May-98	SW9040	pH	7.46		PH UNITS
JS-16	DW201	19-Aug-98	SW9040	pH	6.08		PH UNITS
JS-16	DW201	18-Nov-98	SW9040	pH	7.67		PH UNITS
JS-16	DW201	10-Feb-99	SW9040	pH	7.55		PH UNITS
JS-16	DW201	18-May-99	SW9040	pH	7.39		PH UNITS
JS-16	DW201	10-Nov-99	SW9040	pH	7.42		PH UNITS
JS-16	DW204	15-May-98	SW9040	pH	7.78		PH UNITS
JS-4	DW223	17-Oct-94	SW9040	pH	7.53		PH UNITS
JS-4	DW223	17-Jan-95	SW9040	pH	7.56		PH UNITS
JS-4	DW223	22-Apr-95	SW9040	pH	7.06		PH UNITS
JS-4	DW223	13-Jul-95	SW9040	pH	7.53		PH UNITS
JS-4	DW223	19-Oct-95	SW9040	pH	7.37		PH UNITS
JS-4	DW223	26-Jan-96	SW9040	pH	7.36		PH UNITS
JS-4	DW223	25-Apr-96	SW9040	pH	7.15		PH UNITS
JS-4	DW223	18-Jul-96	SW9040	pH	7.67		PH UNITS
JS-4	DW223	21-Oct-96	SW9040	pH	7.57		PH UNITS
JS-4	DW223	12-Feb-97	SW9040	pH	7.57		PH UNITS
JS-4	DW223	15-May-97	SW9040	pH	7.57		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-4	DW223	23-Aug-97	SW9040	pH	7.53		PH UNITS
JS-4	DW223	11-Nov-97	SW9040	pH	7.55		PH UNITS
JS-4	DW223	14-Feb-98	SW9040	pH	7.46		PH UNITS
JS-4	DW223	11-May-98	SW9040	pH	7.58		PH UNITS
JS-4	DW223	20-Aug-98	SW9040	pH	7.42		PH UNITS
JS-4	DW223	17-Nov-98	SW9040	pH	7.55		PH UNITS
JS-4	DW223	11-Feb-99	SW9040	pH	7.64		PH UNITS
JS-4	DW223	21-May-99	SW9040	pH	7.55		PH UNITS
JS-4	DW223	13-Aug-99	SW9040	pH	7.46		PH UNITS
JS-4	DW223	12-Nov-99	SW9040	pH	7.66		PH UNITS
JS-4	DW224	17-Oct-94	SW9040	pH	7.55		PH UNITS
JS-4	DW224	17-Jan-95	SW9040	pH	7.59		PH UNITS
JS-4	DW224	21-Apr-95	SW9040	pH	7.64		PH UNITS
JS-4	DW224	13-Jul-95	SW9040	pH	7.64		PH UNITS
JS-4	DW224	19-Oct-95	SW9040	pH	7.49		PH UNITS
JS-4	DW224	26-Jan-96	SW9040	pH	7.44		PH UNITS
JS-4	DW224	25-Apr-96	SW9040	pH	7.16		PH UNITS
JS-4	DW224	19-Jul-96	SW9040	pH	7.66		PH UNITS
JS-4	DW224	21-Oct-96	SW9040	pH	7.66		PH UNITS
JS-4	DW224	13-Feb-97	SW9040	pH	7.56		PH UNITS
JS-4	DW224	15-May-97	SW9040	pH	7.98		PH UNITS
JS-4	DW224	23-Aug-97	SW9040	pH	7.6		PH UNITS
JS-4	DW224	11-Nov-97	SW9040	pH	7.78		PH UNITS
JS-4	DW224	14-Feb-98	SW9040	pH	7.78		PH UNITS
JS-4	DW224	11-May-98	SW9040	pH	7.67		PH UNITS
JS-4	DW224	20-Aug-98	SW9040	pH	7.46		PH UNITS
JS-4	DW224	18-Nov-98	SW9040	pH	7.17		PH UNITS
JS-4	DW224	11-Feb-99	SW9040	pH	7.5		PH UNITS
JS-4	DW224	13-Aug-99	SW9040	pH	7.56		PH UNITS
JS-4	DW224	12-Nov-99	SW9040	pH	7.77		PH UNITS
JS-4	DW224-AF	13-Jul-95	SW9040	pH	7.64		PH UNITS
JS-16	DW229	17-Jul-96	SW9040	pH	7.33		PH UNITS
JS-16	DW229	17-Oct-96	SW9040	pH	7.36		PH UNITS
JS-16	DW229	13-Feb-97	SW9040	pH	7.34		PH UNITS
JS-16	DW229	13-May-97	SW9040	pH	7.52		PH UNITS
JS-16	DW229	20-Aug-97	SW9040	pH	7.35		PH UNITS
JS-16	DW229	10-Nov-97	SW9040	pH	7.67		PH UNITS
JS-16	DW229	10-Feb-98	SW9040	pH	7.3		PH UNITS
JS-16	DW229	13-May-98	SW9040	pH	7.68		PH UNITS
JS-16	DW229	19-Aug-98	SW9040	pH	6.65		PH UNITS
JS-16	DW229	20-May-99	SW9040	pH	6.47		PH UNITS
JS-16	DW229	11-Aug-99	SW9040	pH	7.4		PH UNITS
JS-16	DW229	8-Nov-99	SW9040	pH	7.32		PH UNITS
JS-16	DW230	18-Oct-94	SW9040	pH	7.57		PH UNITS
JS-16	DW230	17-Jan-95	SW9040	pH	7.45		PH UNITS
JS-16	DW230	18-Apr-95	SW9040	pH	7.75		PH UNITS
JS-16	DW230	11-Jul-95	SW9040	pH	7.53		PH UNITS
JS-16	DW230	18-Oct-95	SW9040	pH	7.67		PH UNITS
JS-16	DW230	24-Jan-96	SW9040	pH	7.55		PH UNITS
JS-16	DW230	24-Apr-96	SW9040	pH	7.33		PH UNITS
JS-16	DW230	16-Jul-96	SW9040	pH	7.51		PH UNITS
JS-16	DW230	17-Oct-96	SW9040	pH	7.48		PH UNITS
JS-16	DW230	13-Feb-97	SW9040	pH	7.47		PH UNITS
JS-16	DW230	15-May-97	SW9040	pH	7.48		PH UNITS
JS-16	DW230	20-Aug-97	SW9040	pH	7.35		PH UNITS
JS-16	DW230	10-Nov-97	SW9040	pH	7.8		PH UNITS
JS-16	DW230	11-Feb-98	SW9040	pH	7.32		PH UNITS
JS-16	DW230	13-May-98	SW9040	pH	7.68		PH UNITS
JS-16	DW230	19-Aug-98	SW9040	pH	6.62		PH UNITS
JS-16	DW230	17-Nov-98	SW9040	pH	6.91		PH UNITS
JS-16	DW230	11-Feb-99	SW9040	pH	7.64		PH UNITS
JS-16	DW230	18-May-99	SW9040	pH	7.5		PH UNITS
JS-16	DW230	11-Aug-99	SW9040	pH	7.4		PH UNITS
JS-16	DW230	10-Nov-99	SW9040	pH	7.47		PH UNITS
JS-16	DW231	23-Aug-97	SW9040	pH	7.46		PH UNITS
JS-16	DW231	12-Nov-97	SW9040	pH	7.2		PH UNITS
JS-16	DW231	10-Feb-98	SW9040	pH	7.08		PH UNITS
JS-16	DW231	13-May-98	SW9040	pH	7.5		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-16	DW231	19-Aug-98	SW9040	pH	7.25		PH UNITS
JS-16	DW231	10-Feb-99	SW9040	pH	7.56		PH UNITS
JS-16	DW231	19-May-99	SW9040	pH	7.33		PH UNITS
JS-16	DW231	11-Aug-99	SW9040	pH	7.36		PH UNITS
JS-16	DW231	8-Nov-99	SW9040	pH	7.25		PH UNITS
JS-4	DW234	17-Oct-94	SW9040	pH	7.61		PH UNITS
JS-4	DW234	17-Jan-95	SW9040	pH	7.78		PH UNITS
JS-4	DW234	20-Apr-95	SW9040	pH	7.01		PH UNITS
JS-4	DW234	13-Jul-95	SW9040	pH	7.55		PH UNITS
JS-4	DW234	19-Oct-95	SW9040	pH	7.59		PH UNITS
JS-4	DW234	26-Jan-96	SW9040	pH	7.61		PH UNITS
JS-4	DW234	25-Apr-96	SW9040	pH	7.23		PH UNITS
JS-4	DW234	18-Jul-96	SW9040	pH	7.71		PH UNITS
JS-4	DW234	21-Oct-96	SW9040	pH	7.7		PH UNITS
JS-4	DW234	12-Feb-97	SW9040	pH	7.78		PH UNITS
JS-4	DW234	15-May-97	SW9040	pH	7.89		PH UNITS
JS-4	DW234	23-Aug-97	SW9040	pH	7.67		PH UNITS
JS-4	DW234	14-Nov-97	SW9040	pH	7.89		PH UNITS
JS-4	DW234	12-Feb-98	SW9040	pH	7.91		PH UNITS
JS-4	DW234	21-Aug-98	SW9040	pH	7.84		PH UNITS
JS-4	DW234	18-Nov-98	SW9040	pH	7.31		PH UNITS
JS-4	DW234	11-Feb-99	SW9040	pH	7.91		PH UNITS
JS-4	DW234	13-Aug-99	SW9040	pH	7.46		PH UNITS
JS-4	DW234	9-Nov-99	SW9040	pH	7.75		PH UNITS
JS-4	DW236	18-Jul-96	SW9040	pH	7.56		PH UNITS
JS-4	DW236	13-Feb-97	SW9040	pH	7.44		PH UNITS
JS-4	DW236	15-May-97	SW9040	pH	7.6		PH UNITS
JS-4	DW236	23-Aug-97	SW9040	pH	7.59		PH UNITS
JS-4	DW236	11-Nov-97	SW9040	pH	7.62		PH UNITS
JS-4	DW236	14-Feb-98	SW9040	pH	7.84		PH UNITS
JS-4	DW236	11-May-98	SW9040	pH	7.64		PH UNITS
JS-4	DW236	21-Aug-98	SW9040	pH	7.8		PH UNITS
JS-4	DW236	18-Nov-98	SW9040	pH	7.3		PH UNITS
JS-4	DW236	11-Feb-99	SW9040	pH	7.56		PH UNITS
JS-4	DW236	13-Aug-99	SW9040	pH	7.42		PH UNITS
JS-4	DW236	12-Nov-99	SW9040	pH	7.82		PH UNITS
JS-4	DW243	12-May-98	SW9040	pH	7.67		PH UNITS
JS-4	DW243	11-Aug-99	SW9040	pH	7.43		PH UNITS
JS-16	DW253	19-Apr-95	SW9040	pH	7.78		PH UNITS
JS-16	DW254	18-Oct-94	SW9040	pH	7.48		PH UNITS
JS-16	DW254	19-Jan-95	SW9040	pH	7.38		PH UNITS
JS-16	DW254	21-Apr-95	SW9040	pH	7.39		PH UNITS
JS-16	DW254	14-Jul-95	SW9040	pH	7.51		PH UNITS
JS-16	DW257	17-Jul-96	SW9040	pH	7.12		PH UNITS
JS-16	DW267	17-Oct-95	SW9040	pH	7.67		PH UNITS
JS-16	DW275	19-Oct-95	SW9040	pH	7.35		PH UNITS
JS-16	DW275	25-Apr-96	SW9040	pH	7.14		PH UNITS
JS-16	DW279	19-Jan-95	SW9040	pH	7.26		PH UNITS
JS-16	DW279	19-Apr-95	SW9040	pH	7.65		PH UNITS
JS-16	DW279	18-Oct-95	SW9040	pH	7.54		PH UNITS
JS-16	DW279	24-Jan-96	SW9040	pH	7.45		PH UNITS
JS-16	DW279	23-Apr-96	SW9040	pH	7.17		PH UNITS
JS-16	DW279	17-Jul-96	SW9040	pH	7.39		PH UNITS
JS-16	DW279	17-Oct-96	SW9040	pH	7.3		PH UNITS
JS-16	DW281	11-Feb-97	SW9040	pH	7.46		PH UNITS
JS-16	DW282	20-Apr-95	SW9040	pH	7.51		PH UNITS
JS-16	DW282	13-Jul-95	SW9040	pH	7.5		PH UNITS
JS-16	DW282	20-Oct-95	SW9040	pH	7.51		PH UNITS
JS-16	DW282	23-Jan-96	SW9040	pH	7.43		PH UNITS
JS-16	DW282	23-Apr-96	SW9040	pH	7.2		PH UNITS
JS-16	DW294	23-Jan-96	SW9040	pH	7.07		PH UNITS
JS-16	DW294	23-Apr-96	SW9040	pH	7.22		PH UNITS
JS-16	DW294	18-May-97	SW9040	pH	7.38		PH UNITS
JS-16	DW294	21-Aug-97	SW9040	pH	7.4		PH UNITS
JS-16	DW294	11-Nov-97	SW9040	pH	7.2		PH UNITS
JS-16	DW294	18-May-99	SW9040	pH	7.67		PH UNITS
JS-16	DW305	10-Feb-99	SW9040	pH	7.64		PH UNITS
JS-16	DW305	10-Aug-99	SW9040	pH	7.21		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-4	DW327	15-May-97	SW9040	pH	7.38		PH UNITS
JS-4	DW327	23-Aug-97	SW9040	pH	7.55		PH UNITS
JS-4	DW327	18-Nov-98	SW9040	pH	7.36		PH UNITS
JS-4	DW327	20-May-99	SW9040	pH	7.54		PH UNITS
JS-4	DW327	13-Aug-99	SW9040	pH	7.6		PH UNITS
JS-18	DW331	17-Jul-95	SW9040	pH	7.71		PH UNITS
JS-18	DW333	22-Oct-95	SW9040	pH	7.49		PH UNITS
JS-18	DW333	29-Jan-96	SW9040	pH	7.79		PH UNITS
JS-18	DW333	27-Apr-96	SW9040	pH	7.39		PH UNITS
JS-18	DW333	21-Jul-96	SW9040	pH	7.7		PH UNITS
JS-18	DW333	20-Oct-96	SW9040	pH	7.4		PH UNITS
JS-18	DW333	24-Aug-97	SW9040	pH	7.49		PH UNITS
JS-18	DW333	13-Feb-98	SW9040	pH	7.66		PH UNITS
JS-18	DW333	12-May-98	SW9040	pH	7.88		PH UNITS
JS-18	DW333	20-Nov-98	SW9040	pH	6.92		PH UNITS
JS-18	DW333	12-Aug-99	SW9040	pH	7.5		PH UNITS
JS-16	DW363	20-Apr-95	SW9040	pH	7.76		PH UNITS
JS-16	DW363	13-Jul-95	SW9040	pH	7.69		PH UNITS
JS-16	DW363	20-Oct-95	SW9040	pH	7.74		PH UNITS
JS-16	DW363	25-Jan-96	SW9040	pH	7.66		PH UNITS
JS-16	DW366	20-Oct-94	SW9040	pH	7.46		PH UNITS
JS-16	DW366	20-Jan-95	SW9040	pH	8.18		PH UNITS
JS-16	DW367	20-Jan-95	SW9040	pH	7.46		PH UNITS
JS-16	DW367	22-Apr-95	SW9040	pH	7.57		PH UNITS
JS-16	DW367	14-Jul-95	SW9040	pH	7.52		PH UNITS
JS-16	DW367	19-Oct-95	SW9040	pH	7.38		PH UNITS
JS-16	DW367	27-Jan-96	SW9040	pH	7.43		PH UNITS
JS-16	DW367	27-Apr-96	SW9040	pH	7.25		PH UNITS
JS-16	DW367	17-Jul-96	SW9040	pH	7.48		PH UNITS
JS-16	DW367	18-Oct-96	SW9040	pH	7.52		PH UNITS
JS-16	DW367	15-Feb-97	SW9040	pH	7.41		PH UNITS
JS-16	DW367	16-May-97	SW9040	pH	7.39		PH UNITS
JS-16	DW367	20-Aug-97	SW9040	pH	7.3		PH UNITS
JS-16	DW367	11-Nov-97	SW9040	pH	7.44		PH UNITS
JS-16	DW367	13-Feb-98	SW9040	pH	8.65		PH UNITS
JS-16	DW370	20-Aug-98	SW9040	pH	8.12		PH UNITS
JS-16	DW370	18-Nov-98	SW9040	pH	6.26		PH UNITS
JS-19	DW372	19-Nov-98	SW9040	pH	6.95		PH UNITS
JS-19	DW378	24-Jan-95	SW9040	pH	7.49		PH UNITS
JS-19	DW378	25-Apr-95	SW9040	pH	7.66		PH UNITS
JS-19	DW378	17-Jul-95	SW9040	pH	7.43		PH UNITS
JS-19	DW378	20-Oct-95	SW9040	pH	7.68		PH UNITS
JS-19	DW378	26-Apr-96	SW9040	pH	7.34		PH UNITS
JS-19	DW378	22-Jul-96	SW9040	pH	7.37		PH UNITS
JS-19	DW378	21-Oct-96	SW9040	pH	7.44		PH UNITS
JS-19	DW378	13-Feb-97	SW9040	pH	7.47		PH UNITS
JS-19	DW378	21-Aug-97	SW9040	pH	7.49		PH UNITS
JS-19	DW378	12-Nov-97	SW9040	pH	7.46		PH UNITS
JS-19	DW378	12-Feb-99	SW9040	pH	7.57		PH UNITS
JS-16	DW383	21-Oct-94	SW9040	pH	7.41		PH UNITS
JS-16	DW383	18-Jan-95	SW9040	pH	7.84		PH UNITS
JS-16	DW383	12-Nov-97	SW9040	pH	7.3		PH UNITS
JS-16	DW384	17-Nov-98	SW9040	pH	6.85		PH UNITS
JS-16	DW386	18-Oct-95	SW9040	pH	7.62		PH UNITS
JS-16	DW386	14-May-97	SW9040	pH	7.56		PH UNITS
JS-16	DW386	24-Aug-97	SW9040	pH	7.44		PH UNITS
JS-16	DW386	14-May-98	SW9040	pH	7.87		PH UNITS
JS-16	DW386	11-Aug-99	SW9040	pH	7.5		PH UNITS
JS-18	DW392	21-Oct-94	SW9040	pH	7.38		PH UNITS
JS-18	DW392	20-Jan-95	SW9040	pH	7.61		PH UNITS
JS-18	DW392	23-Apr-95	SW9040	pH	7.68		PH UNITS
JS-18	DW392	16-Jul-95	SW9040	pH	7.12		PH UNITS
JS-18	DW392	22-Oct-95	SW9040	pH	7.67		PH UNITS
JS-18	DW392	29-Jan-96	SW9040	pH	7.9		PH UNITS
JS-18	DW392	27-Apr-96	SW9040	pH	6.78		PH UNITS
JS-18	DW392	21-Jul-96	SW9040	pH	7.85		PH UNITS
JS-18	DW392	17-Oct-96	SW9040	pH	8.68		PH UNITS
JS-18	DW392	16-Feb-97	SW9040	pH	7.64		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-18	DW392	16-May-97	SW9040	pH	7.78		PH UNITS
JS-18	DW392	24-Aug-97	SW9040	pH	7.69		PH UNITS
JS-18	DW392	13-Nov-97	SW9040	pH	7.74		PH UNITS
JS-18	DW392	13-Feb-98	SW9040	pH	7.68		PH UNITS
JS-18	DW392	12-May-98	SW9040	pH	7.94		PH UNITS
JS-18	DW392	20-Aug-98	SW9040	pH	7.67		PH UNITS
JS-19	DW403	21-Jan-95	SW9040	pH	7.94		PH UNITS
JS-17	DW415	20-Oct-95	SW9040	pH	7.59		PH UNITS
JS-17	DW415	26-Apr-96	SW9040	pH	7.34		PH UNITS
JS-17	DW415	22-Jul-96	SW9040	pH	7.82		PH UNITS
JS-17	DW415	14-Feb-97	SW9040	pH	7.48		PH UNITS
JS-17	DW415	16-May-97	SW9040	pH	7.75		PH UNITS
JS-17	DW415	21-Aug-97	SW9040	pH	7.41		PH UNITS
JS-17	DW415	14-Nov-97	SW9040	pH	7.65		PH UNITS
JS-17	DW415	12-Feb-98	SW9040	pH	7.63		PH UNITS
JS-17	DW415	12-May-98	SW9040	pH	7.62		PH UNITS
JS-17	DW415	19-Nov-98	SW9040	pH	12.04		PH UNITS
JS-17	DW415	11-Feb-99	SW9040	pH	7.35		PH UNITS
JS-17	DW423	19-Oct-94	SW9040	pH	7.49		PH UNITS
JS-17	DW423	18-Jan-95	SW9040	pH	7.51		PH UNITS
JS-17	DW423	23-Apr-95	SW9040	pH	7.51		PH UNITS
JS-17	DW423	14-Jul-95	SW9040	pH	7.57		PH UNITS
JS-17	DW423	20-Oct-95	SW9040	pH	7.46		PH UNITS
JS-17	DW423	29-Jan-96	SW9040	pH	8.11		PH UNITS
JS-17	DW423	26-Apr-96	SW9040	pH	7.37		PH UNITS
JS-17	DW423	14-Feb-97	SW9040	pH	7.63		PH UNITS
JS-17	DW423	17-May-97	SW9040	pH	7.98		PH UNITS
JS-17	DW423	22-Aug-97	SW9040	pH	7.47		PH UNITS
JS-17	DW423	14-Nov-97	SW9040	pH	7.6		PH UNITS
JS-17	DW423	15-Feb-98	SW9040	pH	8.75		PH UNITS
JS-17	DW423	12-May-98	SW9040	pH	7.83		PH UNITS
JS-17	DW423	19-Nov-98	SW9040	pH	7.59		PH UNITS
JS-17	DW423	19-May-99	SW9040	pH	7.48		PH UNITS
JS-17	DW423	11-Aug-99	SW9040	pH	7.48		PH UNITS
JS-17	DW423	11-Nov-99	SW9040	pH	7.64		PH UNITS
JS-17	DW423-AF	18-Jan-95	SW9040	pH	7.51		PH UNITS
JS-17	DW424	19-Oct-94	SW9040	pH	7.54		PH UNITS
JS-17	DW424	18-Jan-95	SW9040	pH	7.63		PH UNITS
JS-17	DW424	23-Apr-95	SW9040	pH	7.64		PH UNITS
JS-17	DW424	14-Jul-95	SW9040	pH	7.58		PH UNITS
JS-17	DW424	20-Oct-95	SW9040	pH	7.51		PH UNITS
JS-17	DW424	29-Jan-96	SW9040	pH	7.83		PH UNITS
JS-17	DW424	26-Apr-96	SW9040	pH	7.39		PH UNITS
JS-17	DW424	20-Jul-96	SW9040	pH	7.74		PH UNITS
JS-17	DW424	20-Oct-96	SW9040	pH	7.45		PH UNITS
JS-17	DW424	14-Feb-97	SW9040	pH	7.65		PH UNITS
JS-17	DW424	17-May-97	SW9040	pH	7.98		PH UNITS
JS-17	DW424	20-Aug-97	SW9040	pH	7.6		PH UNITS
JS-17	DW424	14-Nov-97	SW9040	pH	7.82		PH UNITS
JS-17	DW424	15-Feb-98	SW9040	pH	11.91		PH UNITS
JS-17	DW424	13-May-98	SW9040	pH	7.95		PH UNITS
JS-17	DW424	19-Aug-98	SW9040	pH	7.8		PH UNITS
JS-17	DW424	19-Nov-98	SW9040	pH	7.58		PH UNITS
JS-17	DW424	10-Feb-99	SW9040	pH	5.86		PH UNITS
JS-17	DW424	19-May-99	SW9040	pH	7.62		PH UNITS
JS-17	DW424	11-Aug-99	SW9040	pH	7.65		PH UNITS
JS-17	DW424	11-Nov-99	SW9040	pH	7.8		PH UNITS
JS-17	DW425	20-Oct-94	SW9040	pH	7.63		PH UNITS
JS-17	DW425	18-Jan-95	SW9040	pH	7.6		PH UNITS
JS-17	DW425	22-Apr-95	SW9040	pH	7.79		PH UNITS
JS-17	DW425	15-Jul-95	SW9040	pH	7.62		PH UNITS
JS-17	DW425	20-Oct-95	SW9040	pH	7.61		PH UNITS
JS-17	DW425	28-Jan-96	SW9040	pH	7.77		PH UNITS
JS-17	DW425	26-Apr-96	SW9040	pH	7.3		PH UNITS
JS-17	DW425	20-Jul-96	SW9040	pH	7.67		PH UNITS
JS-17	DW425	20-Oct-96	SW9040	pH	7.39		PH UNITS
JS-17	DW425	15-Feb-97	SW9040	pH	7.73		PH UNITS
JS-17	DW425	17-May-97	SW9040	pH	8.09		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-17	DW425	21-Aug-97	SW9040	pH	7.75		PH UNITS
JS-17	DW425	15-Nov-97	SW9040	pH	7.81		PH UNITS
JS-17	DW425	15-Feb-98	SW9040	pH	7.65		PH UNITS
JS-17	DW425	11-May-98	SW9040	pH	7.78		PH UNITS
JS-17	DW425	20-Aug-98	SW9040	pH	9.28		PH UNITS
JS-17	DW425	19-Nov-98	SW9040	pH	7.49		PH UNITS
JS-17	DW425	11-Feb-99	SW9040	pH	7.61		PH UNITS
JS-17	DW425	20-May-99	SW9040	pH	7.56		PH UNITS
JS-17	DW425	11-Aug-99	SW9040	pH	7.5		PH UNITS
JS-17	DW425	11-Nov-99	SW9040	pH	7.76		PH UNITS
JS-18	DW442	16-Jul-95	SW9040	pH	7.47		PH UNITS
JS-18	DW442	22-Oct-95	SW9040	pH	7.43		PH UNITS
JS-18	DW442	27-Jan-96	SW9040	pH	7.43		PH UNITS
JS-18	DW442	27-Apr-96	SW9040	pH	7.29		PH UNITS
JS-18	DW442	21-Jul-96	SW9040	pH	7.49		PH UNITS
JS-18	DW442	19-Oct-96	SW9040	pH	7.41		PH UNITS
JS-18	DW442	16-Feb-97	SW9040	pH	7.32		PH UNITS
JS-18	DW442	17-May-97	SW9040	pH	7.65		PH UNITS
JS-18	DW442	22-Aug-97	SW9040	pH	7.39		PH UNITS
JS-18	DW442	13-Nov-97	SW9040	pH	7.52		PH UNITS
JS-18	DW442	15-Feb-98	SW9040	pH	7.6		PH UNITS
JS-18	DW442	12-May-98	SW9040	pH	7.75		PH UNITS
JS-18	DW442	20-Aug-98	SW9040	pH	7.53		PH UNITS
JS-18	DW442	20-Nov-98	SW9040	pH	6.84		PH UNITS
JS-18	DW442	9-Feb-99	SW9040	pH	7.48		PH UNITS
JS-18	DW442	20-May-99	SW9040	pH	7.45		PH UNITS
JS-18	DW442	12-Aug-99	SW9040	pH	7.5		PH UNITS
JS-18	DW442	12-Nov-99	SW9040	pH	7.33		PH UNITS
JS-17	DW444	13-Feb-97	SW9040	pH	7.5		PH UNITS
JS-16	DW446	14-May-97	SW9040	pH	7.91		PH UNITS
JS-16	DW450	20-Aug-98	SW9040	pH	7.32		PH UNITS
JS-16	DW452	20-Aug-98	SW9040	pH	5.32		PH UNITS
JS-16	DW452	9-Nov-99	SW9040	pH	7.28		PH UNITS
JS-19	DW457	25-Apr-95	SW9040	pH	7.7		PH UNITS
JS-19	DW458	23-Oct-95	SW9040	pH	7.57		PH UNITS
JS-19	DW458	13-Feb-97	SW9040	pH	7.68		PH UNITS
JS-19	DW458	15-May-97	SW9040	pH	7.53		PH UNITS
JS-19	DW458	21-Aug-97	SW9040	pH	7.33		PH UNITS
JS-19	DW458	12-Nov-97	SW9040	pH	7.31		PH UNITS
JS-19	DW458	13-Feb-98	SW9040	pH	7.34		PH UNITS
JS-19	DW458	16-May-98	SW9040	pH	7.96		PH UNITS
JS-19	DW458	19-Nov-98	SW9040	pH	6.81		PH UNITS
JS-19	DW458	11-Feb-99	SW9040	pH	7.6		PH UNITS
JS-19	DW458	20-May-99	SW9040	pH	7.36		PH UNITS
JS-19	DW458	12-Aug-99	SW9040	pH	7.99		PH UNITS
JS-19	DW458	8-Nov-99	SW9040	pH	7.32		PH UNITS
JS-17	DW474	26-Apr-96	SW9040	pH	7.17		PH UNITS
JS-17	DW474	20-Oct-96	SW9040	pH	7.44		PH UNITS
JS-17	DW474	12-Feb-97	SW9040	pH	7.46		PH UNITS
JS-17	DW474	16-May-97	SW9040	pH	7.88		PH UNITS
JS-17	DW474	22-Aug-97	SW9040	pH	7.21		PH UNITS
JS-17	DW474	13-Nov-97	SW9040	pH	7.43		PH UNITS
JS-17	DW474	12-Feb-98	SW9040	pH	7.23		PH UNITS
JS-17	DW474	13-May-98	SW9040	pH	7.71		PH UNITS
JS-17	DW474	20-Aug-98	SW9040	pH	7.76		PH UNITS
JS-17	DW474	19-Nov-98	SW9040	pH	12		PH UNITS
JS-17	DW474	11-Feb-99	SW9040	pH	7.22		PH UNITS
JS-17	DW474	18-May-99	SW9040	pH	7.84		PH UNITS
JS-17	DW474	11-Aug-99	SW9040	pH	7.19		PH UNITS
JS-17	DW474	10-Nov-99	SW9040	pH	7.4		PH UNITS
JS-17	DW837	28-Apr-96	SW9040	pH	7.61		PH UNITS
JS-17	DW837	20-Jul-96	SW9040	pH	7.49		PH UNITS
JS-17	DW837	15-Oct-96	SW9040	pH	7.43		PH UNITS
JS-17	DW837	15-Feb-97	SW9040	pH	7.87		PH UNITS
JS-17	DW837	15-May-97	SW9040	pH	7.78		PH UNITS
JS-17	DW837	21-Aug-97	SW9040	pH	7.66		PH UNITS
JS-17	DW837	14-Nov-97	SW9040	pH	7.64		PH UNITS
JS-17	DW837	15-Feb-98	SW9040	pH	7.48		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-17	DW837	12-May-98	SW9040	pH	7.77		PH UNITS
JS-17	DW837	20-May-99	SW9040	pH	7.58		PH UNITS
JS-17	DW837	11-Aug-99	SW9040	pH	7.34		PH UNITS
JS-17	DW837	10-Nov-99	SW9040	pH	7.78		PH UNITS
JS-17	DW848	17-Feb-97	SW9040	pH	7.85		PH UNITS
JS-17	DW848	18-May-97	SW9040	pH	8		PH UNITS
JS-17	DW848	22-Aug-97	SW9040	pH	7.32		PH UNITS
JS-17	DW848	14-Nov-97	SW9040	pH	7.62		PH UNITS
JS-17	DW848	12-Feb-98	SW9040	pH	7.3		PH UNITS
JS-17	DW848	13-May-98	SW9040	pH	7.64		PH UNITS
JS-17	DW848	19-Aug-98	SW9040	pH	7.39		PH UNITS
JS-17	DW848	19-Nov-98	SW9040	pH	7.75		PH UNITS
JS-17	DW848	10-Feb-99	SW9040	pH	7.59		PH UNITS
JS-17	DW848	18-May-99	SW9040	pH	7.88		PH UNITS
JS-17	DW848	11-Aug-99	SW9040	pH	7.22		PH UNITS
JS-17	DW848	10-Nov-99	SW9040	pH	7.28		PH UNITS
JS-16	DW849	11-Feb-99	SW9040	pH	7.59		PH UNITS
JS-16	DW849	12-Aug-99	SW9040	pH	7.37		PH UNITS
JS-17	DW851	19-May-99	SW9040	pH	7.6		PH UNITS
JS-17	DW860	24-Aug-97	SW9040	pH	7.32		PH UNITS
JS-17	DW860	14-Nov-97	SW9040	pH	7.67		PH UNITS
JS-17	DW860	11-Feb-98	SW9040	pH	7.62		PH UNITS
JS-17	DW860	12-May-98	SW9040	pH	7.67		PH UNITS
JS-17	DW860	19-Aug-98	SW9040	pH	7.84		PH UNITS
JS-17	DW860	12-Feb-99	SW9040	pH	7.65		PH UNITS
JS-17	DW860	19-May-99	SW9040	pH	7.55		PH UNITS
JS-17	DW860	11-Aug-99	SW9040	pH	7.43		PH UNITS
JS-17	DW860	11-Nov-99	SW9040	pH	7.56		PH UNITS
JS-16	DW864	15-May-98	SW9040	pH	7.88		PH UNITS
TOWER	EW-5	6-Apr-97	SW9040	pH	6.64		PH UNITS
TOWER	EW-P15L	19-Jun-96	SW9040	pH	6.95		PH UNITS
TOWER	EW-P15L	8-Oct-96	SW9040	pH	6.76		PH UNITS
TOWER	EW-P15L	11-Jan-97	SW9040	pH	6.8		PH UNITS
TOWER	EW-P15L	21-Apr-97	SW9040	pH	7.02		PH UNITS
TOWER	EW-P15L	16-Jul-97	SW9040	pH	6.94		PH UNITS
TOWER	EW-P15L	15-Oct-97	SW9040	pH	7.16		PH UNITS
TOWER	EW-P15L	13-Jan-98	SW9040	pH	7.18		PH UNITS
TOWER	EW-P15L	16-Apr-98	SW9040	pH	6.99		PH UNITS
TOWER	EW-P15L	14-Jul-98	SW9040	pH	7.2		PH UNITS
TOWER	EW-P15L	14-Oct-98	SW9040	pH	7.08		PH UNITS
TOWER	EW-P15L	12-Jan-99	SW9040	pH	6.97		PH UNITS
TOWER	EW-P15L	13-Apr-99	SW9040	pH	7.06		PH UNITS
TOWER	EW-P15L	14-Jul-99	SW9040	pH	7.12		PH UNITS
TOWER	EW-P15L	15-Oct-99	SW9040	pH	7.27		PH UNITS
TOWER	EW-P15L	13-Jan-00	SW9040	pH	7.36		PH UNITS
TOWER	EW-P15U	19-Jun-96	SW9040	pH	7.08		PH UNITS
TOWER	EW-P15U	8-Oct-96	SW9040	pH	6.76		PH UNITS
TOWER	EW-P15U	10-Jan-97	SW9040	pH	7.2		PH UNITS
TOWER	EW-P15U	9-Apr-97	SW9040	pH	6.93		PH UNITS
TOWER	EW-P15U	16-Jul-97	SW9040	pH	6.82		PH UNITS
TOWER	EW-P15U	15-Oct-97	SW9040	pH	7.05		PH UNITS
TOWER	EW-P15U	13-Jan-98	SW9040	pH	7.2		PH UNITS
TOWER	EW-P15U	14-Apr-98	SW9040	pH	7.07		PH UNITS
TOWER	EW-P15U	14-Jul-98	SW9040	pH	7.14		PH UNITS
TOWER	EW-P15U	13-Oct-98	SW9040	pH	6.82		PH UNITS
TOWER	EW-P15U	12-Jan-99	SW9040	pH	7.03		PH UNITS
TOWER	EW-P15U	13-Apr-99	SW9040	pH	7.07		PH UNITS
TOWER	EW-P15U	14-Jul-99	SW9040	pH	7.11		PH UNITS
TOWER	EW-P15U	15-Oct-99	SW9040	pH	7.27		PH UNITS
TOWER	IR-1	10-Jun-94	SW9040	pH	7.1		PH UNITS
TOWER	IR-1	19-Sep-94	SW9040	pH	6.97		PH UNITS
TOWER	IR-2	10-Jun-94	SW9040	pH	7.21		PH UNITS
TOWER	IR-2	20-Sep-94	SW9040	pH	7.09		PH UNITS
JS-18	IR352	21-Oct-94	SW9040	pH	7.55		PH UNITS
JS-18	IR352	21-Jan-95	SW9040	pH	10.62		PH UNITS
JS-18	IR352	19-Jul-95	SW9040	pH	7.6		PH UNITS
JS-18	IR352	22-Oct-95	SW9040	pH	7.54		PH UNITS
JS-18	IR441	21-Oct-94	SW9040	pH	7.27		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-18	IR441	21-Jan-95	SW9040	pH	9.66		PH UNITS
JS-18	IR441	24-Apr-95	SW9040	pH	7.52		PH UNITS
JS-18	IR441	16-Jul-95	SW9040	pH	8.15		PH UNITS
JS-18	IR441	22-Oct-95	SW9040	pH	7.5		PH UNITS
JS-18	IR441	29-Jan-96	SW9040	pH	7.61		PH UNITS
JS-18	IR441	18-Oct-96	SW9040	pH	7.16		PH UNITS
JS-18	IR441	16-Feb-97	SW9040	pH	7.37		PH UNITS
JS-18	IR441	16-May-97	SW9040	pH	6.19		PH UNITS
JS-18	IR441	15-May-98	SW9040	pH	7.62		PH UNITS
JS-18	IR441	10-Feb-99	SW9040	pH	6.04		PH UNITS
JS-18	IR441	20-May-99	SW9040	pH	7.44		PH UNITS
JS-18	IR441	12-Aug-99	SW9040	pH	7.49		PH UNITS
JS-18	IR441	12-Nov-99	SW9040	pH	7.49		PH UNITS
JS-18	IR441-AF	22-Oct-95	SW9040	pH	7.41		PH UNITS
JS-18	IR442	21-Oct-94	SW9040	pH	7.33		PH UNITS
JS-18	IR442	21-Jan-95	SW9040	pH	7.92		PH UNITS
JS-18	IR442	25-Apr-95	SW9040	pH	7.52		PH UNITS
JS-18	IR471	20-Oct-94	SW9040	pH	7.45		PH UNITS
JS-18	IR471	20-Jan-95	SW9040	pH	6.61		PH UNITS
JS-18	IR471	23-Apr-95	SW9040	pH	7.46		PH UNITS
JS-18	IR471	17-Jul-95	SW9040	pH	7.66		PH UNITS
JS-18	IR471	22-Oct-95	SW9040	pH	7.29		PH UNITS
JS-18	IR471	29-Jan-96	SW9040	pH	7.48		PH UNITS
JS-18	IR471	27-Apr-96	SW9040	pH	7.24		PH UNITS
JS-18	IR471	21-Jul-96	SW9040	pH	7.58		PH UNITS
JS-18	IR471	20-Oct-96	SW9040	pH	7.22		PH UNITS
JS-18	IR471	16-Feb-97	SW9040	pH	7.08		PH UNITS
JS-18	IR471	18-May-97	SW9040	pH	8		PH UNITS
JS-18	IR471	22-Aug-97	SW9040	pH	7.63		PH UNITS
JS-18	IR471	15-Nov-97	SW9040	pH	7.75		PH UNITS
JS-18	IR471	13-Feb-98	SW9040	pH	7.44		PH UNITS
JS-18	IR471	15-May-98	SW9040	pH	8.34		PH UNITS
JS-18	IR471	21-Aug-98	SW9040	pH	7.03		PH UNITS
JS-18	IR471	18-Nov-98	SW9040	pH	7.31		PH UNITS
JS-18	IR471	13-Aug-99	SW9040	pH	7.28		PH UNITS
JS-18	IR471	9-Nov-99	SW9040	pH	7.46		PH UNITS
JS-4	IR842	21-Apr-95	SW9040	pH	7.38		PH UNITS
JS-4	IR842	13-Jul-95	SW9040	pH	7.68		PH UNITS
JS-4	IR842	19-Oct-95	SW9040	pH	7.37		PH UNITS
JS-4	IR842	26-Jan-96	SW9040	pH	7.54		PH UNITS
JS-4	IR842	25-Apr-96	SW9040	pH	7.16		PH UNITS
JS-4	IR842	19-Jul-96	SW9040	pH	7.6		PH UNITS
JS-4	IR842	21-Oct-96	SW9040	pH	7.49		PH UNITS
JS-4	IR842	12-Feb-97	SW9040	pH	7.57		PH UNITS
JS-4	IR842	15-May-97	SW9040	pH	7.94		PH UNITS
JS-4	IR842	23-Aug-97	SW9040	pH	7.55		PH UNITS
JS-4	IR842	11-Nov-97	SW9040	pH	7.72		PH UNITS
JS-4	IR842	14-Feb-98	SW9040	pH	7.87		PH UNITS
JS-4	IR842	11-May-98	SW9040	pH	7.61		PH UNITS
JS-4	IR842	21-Aug-98	SW9040	pH	8		PH UNITS
JS-4	IR842	18-Nov-98	SW9040	pH	7.44		PH UNITS
JS-4	IR842	12-Feb-99	SW9040	pH	7.61		PH UNITS
JS-4	IR842	13-Aug-99	SW9040	pH	7.59		PH UNITS
JS-4	IR842	12-Nov-99	SW9040	pH	7.86		PH UNITS
TOWER	MW10-W1	8-Jun-94	SW9040	pH	7.23		PH UNITS
TOWER	MW10-W1	14-Sep-94	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W1	12-Dec-94	SW9040	pH	7.32		PH UNITS
TOWER	MW10-W1	4-Apr-97	SW9040	pH	6.87		PH UNITS
TOWER	MW10-W10L	8-Nov-96	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W10L	9-Jan-97	SW9040	pH	7.08		PH UNITS
TOWER	MW10-W10L	6-Apr-97	SW9040	pH	6.96		PH UNITS
TOWER	MW10-W10L	7-Aug-97	SW9040	pH	6.96		PH UNITS
TOWER	MW10-W10L	11-Oct-97	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W10L	9-Jan-98	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W10L	11-Apr-98	SW9040	pH	6.88		PH UNITS
TOWER	MW10-W10L	10-Jul-98	SW9040	pH	7.38		PH UNITS
TOWER	MW10-W10L	8-Oct-98	SW9040	pH	7.36		PH UNITS
TOWER	MW10-W10L	9-Jan-99	SW9040	pH	7.52		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W10M	16-Jun-96	SW9040	pH	6.69		PH UNITS
TOWER	MW10-W10M	10-Nov-96	SW9040	pH	6.73		PH UNITS
TOWER	MW10-W10M	10-Jan-97	SW9040	pH	6.83		PH UNITS
TOWER	MW10-W10M	21-Apr-97	SW9040	pH	6.95		PH UNITS
TOWER	MW10-W10M	14-Jul-97	SW9040	pH	6.79		PH UNITS
TOWER	MW10-W10M	14-Oct-97	SW9040	pH	7.32		PH UNITS
TOWER	MW10-W10M	12-Jan-98	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W10M	15-Apr-98	SW9040	pH	6.83		PH UNITS
TOWER	MW10-W10M	13-Jul-98	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W10M	13-Oct-98	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W10M	10-Jan-99	SW9040	pH	7.28		PH UNITS
TOWER	MW10-W10M	13-Apr-99	SW9040	pH	7.86		PH UNITS
TOWER	MW10-W10U	16-Jun-96	SW9040	pH	6.76		PH UNITS
TOWER	MW10-W10U	10-Nov-96	SW9040	pH	6.86		PH UNITS
TOWER	MW10-W10U	10-Jan-97	SW9040	pH	6.68		PH UNITS
TOWER	MW10-W10U	22-Apr-97	SW9040	pH	6.81		PH UNITS
TOWER	MW10-W10U	14-Jul-97	SW9040	pH	6.9		PH UNITS
TOWER	MW10-W10U	14-Oct-97	SW9040	pH	7.25		PH UNITS
TOWER	MW10-W10U	12-Jan-98	SW9040	pH	7.17		PH UNITS
TOWER	MW10-W10U	15-Apr-98	SW9040	pH	6.82		PH UNITS
TOWER	MW10-W10U	13-Jul-98	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W10U	13-Oct-98	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W10U	10-Jan-99	SW9040	pH	7.24		PH UNITS
TOWER	MW10-W10U	13-Apr-99	SW9040	pH	7.66		PH UNITS
TOWER	MW10-W10U	13-Jul-99	SW9040	pH	7.14		PH UNITS
TOWER	MW10-W10U	15-Oct-99	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W10U	11-Jan-00	SW9040	pH	6.93		PH UNITS
TOWER	MW10-W11M	3-Oct-96	SW9040	pH	7.01		PH UNITS
TOWER	MW10-W11M	6-Jan-97	SW9040	pH	6.92		PH UNITS
TOWER	MW10-W11M	4-Apr-97	SW9040	pH	6.93		PH UNITS
TOWER	MW10-W11M	9-Jul-97	SW9040	pH	7.17		PH UNITS
TOWER	MW10-W11M	9-Oct-97	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W11M	6-Jan-98	SW9040	pH	7.18		PH UNITS
TOWER	MW10-W11M	8-Apr-98	SW9040	pH	7.26		PH UNITS
TOWER	MW10-W11M	8-Jul-98	SW9040	pH	7.07		PH UNITS
TOWER	MW10-W11M	7-Oct-98	SW9040	pH	7.67		PH UNITS
TOWER	MW10-W11M	8-Jan-99	SW9040	pH	7.5		PH UNITS
TOWER	MW10-W11M	7-Apr-99	SW9040	pH	7.39		PH UNITS
TOWER	MW10-W11M	9-Jul-99	SW9040	pH	7.27		PH UNITS
TOWER	MW10-W11U	9-Nov-96	SW9040	pH	7		PH UNITS
TOWER	MW10-W11U	6-Jan-97	SW9040	pH	7.17		PH UNITS
TOWER	MW10-W11U	2-Apr-97	SW9040	pH	6.52		PH UNITS
TOWER	MW10-W11U	8-Jul-97	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W11U	9-Oct-97	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W11U	6-Jan-98	SW9040	pH	7.14		PH UNITS
TOWER	MW10-W11U	8-Apr-98	SW9040	pH	7.24		PH UNITS
TOWER	MW10-W11U	7-Jul-98	SW9040	pH	7.03		PH UNITS
TOWER	MW10-W11U	12-Oct-98	SW9040	pH	7.62		PH UNITS
TOWER	MW10-W11U	8-Jan-99	SW9040	pH	7.38		PH UNITS
TOWER	MW10-W11U	7-Apr-99	SW9040	pH	7.4		PH UNITS
TOWER	MW10-W11U	8-Jul-99	SW9040	pH	7.49		PH UNITS
TOWER	MW10-W11U	11-Oct-99	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W11U	8-Jan-00	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W12M	15-Jun-96	SW9040	pH	6.81		PH UNITS
TOWER	MW10-W12M	4-Oct-96	SW9040	pH	6.46		PH UNITS
TOWER	MW10-W12M	7-Jan-97	SW9040	pH	6.7		PH UNITS
TOWER	MW10-W12M	8-Apr-97	SW9040	pH	6.44		PH UNITS
TOWER	MW10-W12M	13-Jul-97	SW9040	pH	6.85		PH UNITS
TOWER	MW10-W12M	7-Oct-97	SW9040	pH	7		PH UNITS
TOWER	MW10-W12M	7-Apr-98	SW9040	pH	6.69		PH UNITS
TOWER	MW10-W12M	12-Jul-98	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W12M	11-Oct-98	SW9040	pH	7.25		PH UNITS
TOWER	MW10-W12M	9-Jan-99	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W12U	15-Jun-96	SW9040	pH	6.82		PH UNITS
TOWER	MW10-W12U	4-Oct-96	SW9040	pH	6.56		PH UNITS
TOWER	MW10-W12U	8-Jan-97	SW9040	pH	6.83		PH UNITS
TOWER	MW10-W12U	8-Apr-97	SW9040	pH	6.54		PH UNITS
TOWER	MW10-W12U	12-Jul-97	SW9040	pH	6.89		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W12U	11-Oct-97	SW9040	pH	6.89		PH UNITS
TOWER	MW10-W12U	9-Jan-98	SW9040	pH	6.91		PH UNITS
TOWER	MW10-W12U	10-Apr-98	SW9040	pH	6.72		PH UNITS
TOWER	MW10-W12U	10-Jul-98	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W12U	10-Oct-98	SW9040	pH	7.18		PH UNITS
TOWER	MW10-W12U	8-Jan-99	SW9040	pH	6.89		PH UNITS
TOWER	MW10-W12U	8-Apr-99	SW9040	pH	7.58		PH UNITS
TOWER	MW10-W12U	10-Jul-99	SW9040	pH	7.1		PH UNITS
TOWER	MW10-W12U	13-Oct-99	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W12U	10-Jan-00	SW9040	pH	6.99		PH UNITS
TOWER	MW10-W13L	14-Jun-96	SW9040	pH	7.04		PH UNITS
TOWER	MW10-W13L	9-Nov-96	SW9040	pH	6.94		PH UNITS
TOWER	MW10-W13L	7-Jan-97	SW9040	pH	6.9		PH UNITS
TOWER	MW10-W13L	22-Apr-97	SW9040	pH	6.89		PH UNITS
TOWER	MW10-W13L	14-Jul-97	SW9040	pH	6.96		PH UNITS
TOWER	MW10-W13L	14-Oct-97	SW9040	pH	7.29		PH UNITS
TOWER	MW10-W13L	12-Jan-98	SW9040	pH	6.96		PH UNITS
TOWER	MW10-W13L	14-Apr-98	SW9040	pH	6.98		PH UNITS
TOWER	MW10-W13L	14-Jul-98	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W13L	13-Oct-98	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W13L	12-Jan-99	SW9040	pH	7.18		PH UNITS
TOWER	MW10-W13L	12-Apr-99	SW9040	pH	7.33		PH UNITS
TOWER	MW10-W13U	15-Jun-96	SW9040	pH	6.87		PH UNITS
TOWER	MW10-W13U	9-Nov-96	SW9040	pH	6.88		PH UNITS
TOWER	MW10-W13U	7-Jan-97	SW9040	pH	6.77		PH UNITS
TOWER	MW10-W13U	5-Apr-97	SW9040	pH	6.81		PH UNITS
TOWER	MW10-W13U	13-Jul-97	SW9040	pH	6.82		PH UNITS
TOWER	MW10-W13U	11-Oct-97	SW9040	pH	6.9		PH UNITS
TOWER	MW10-W13U	12-Jan-98	SW9040	pH	6.98		PH UNITS
TOWER	MW10-W13U	11-Apr-98	SW9040	pH	6.77		PH UNITS
TOWER	MW10-W13U	13-Jul-98	SW9040	pH	6.93		PH UNITS
TOWER	MW10-W13U	10-Oct-98	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W13U	10-Jan-99	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W13U	13-Apr-99	SW9040	pH	7.59		PH UNITS
TOWER	MW10-W13U	14-Jul-99	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W13U	13-Oct-99	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W13U	11-Jan-00	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W14L	16-Jun-96	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W14L	4-Oct-96	SW9040	pH	6.82		PH UNITS
TOWER	MW10-W14L	7-Jan-97	SW9040	pH	6.95		PH UNITS
TOWER	MW10-W14L	9-Apr-97	SW9040	pH	5.99		PH UNITS
TOWER	MW10-W14L	13-Jul-97	SW9040	pH	6.94		PH UNITS
TOWER	MW10-W14L	14-Oct-97	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W14L	11-Jan-98	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W14L	15-Apr-98	SW9040	pH	6.79		PH UNITS
TOWER	MW10-W14L	13-Jul-98	SW9040	pH	7.05		PH UNITS
TOWER	MW10-W14L	14-Oct-98	SW9040	pH	7.4		PH UNITS
TOWER	MW10-W14L	12-Jan-99	SW9040	pH	7.18		PH UNITS
TOWER	MW10-W14L	12-Apr-99	SW9040	pH	7.51		PH UNITS
TOWER	MW10-W14U	16-Jun-96	SW9040	pH	7.16		PH UNITS
TOWER	MW10-W14U	4-Oct-96	SW9040	pH	6.77		PH UNITS
TOWER	MW10-W14U	6-Jan-97	SW9040	pH	6.95		PH UNITS
TOWER	MW10-W14U	9-Apr-97	SW9040	pH	6.79		PH UNITS
TOWER	MW10-W14U	13-Jul-97	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W14U	12-Oct-97	SW9040	pH	7.25		PH UNITS
TOWER	MW10-W14U	10-Jan-98	SW9040	pH	7.32		PH UNITS
TOWER	MW10-W14U	11-Apr-98	SW9040	pH	6.92		PH UNITS
TOWER	MW10-W14U	12-Jul-98	SW9040	pH	7.38		PH UNITS
TOWER	MW10-W14U	10-Oct-98	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W14U	10-Jan-99	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W14U	9-Apr-99	SW9040	pH	7.33		PH UNITS
TOWER	MW10-W14U	10-Jul-99	SW9040	pH	7.24		PH UNITS
TOWER	MW10-W14U	15-Oct-99	SW9040	pH	7.29		PH UNITS
TOWER	MW10-W14U	10-Jan-00	SW9040	pH	7.07		PH UNITS
TOWER	MW10-W15L	8-Jan-98	SW9040	pH	7.28		PH UNITS
TOWER	MW10-W15M	5-Apr-97	SW9040	pH	6.91		PH UNITS
TOWER	MW10-W15M	10-Oct-97	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W15M	9-Apr-98	SW9040	pH	7.26		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W15M	9-Jul-99	SW9040	pH	7.31		PH UNITS
TOWER	MW10-W15M	11-Oct-99	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W15U	5-Apr-97	SW9040	pH	6.9		PH UNITS
TOWER	MW10-W15U	9-Oct-97	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W15U	7-Apr-99	SW9040	pH	7.37		PH UNITS
TOWER	MW10-W15U	11-Oct-99	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W16L	10-Apr-98	SW9040	pH	7.05		PH UNITS
TOWER	MW10-W17U	10-Oct-98	SW9040	pH	7.26		PH UNITS
TOWER	MW10-W17U	8-Jan-99	SW9040	pH	7.74		PH UNITS
TOWER	MW10-W18L	22-Apr-97	SW9040	pH	6.94		PH UNITS
TOWER	MW10-W18L	16-Jul-97	SW9040	pH	6.84		PH UNITS
TOWER	MW10-W18L	15-Oct-97	SW9040	pH	6.93		PH UNITS
TOWER	MW10-W18L	14-Jan-98	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W18L	14-Apr-98	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W18L	14-Jul-98	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W18L	13-Oct-98	SW9040	pH	7.04		PH UNITS
TOWER	MW10-W18L	12-Jan-99	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W18L	14-Apr-99	SW9040	pH	7.36		PH UNITS
TOWER	MW10-W18L	14-Jul-99	SW9040	pH	6.71		PH UNITS
TOWER	MW10-W18L	16-Oct-99	SW9040	pH	6.87		PH UNITS
TOWER	MW10-W18L	13-Jan-00	SW9040	pH	6.72		PH UNITS
TOWER	MW10-W18U	22-Apr-97	SW9040	pH	6.92		PH UNITS
TOWER	MW10-W18U	16-Jul-97	SW9040	pH	6.71		PH UNITS
TOWER	MW10-W18U	15-Oct-97	SW9040	pH	6.86		PH UNITS
TOWER	MW10-W18U	14-Jan-98	SW9040	pH	6.92		PH UNITS
TOWER	MW10-W18U	15-Apr-98	SW9040	pH	6.83		PH UNITS
TOWER	MW10-W18U	14-Jul-98	SW9040	pH	6.99		PH UNITS
TOWER	MW10-W18U	14-Oct-98	SW9040	pH	6.96		PH UNITS
TOWER	MW10-W18U	12-Jan-99	SW9040	pH	7.04		PH UNITS
TOWER	MW10-W18U	14-Apr-99	SW9040	pH	6.88		PH UNITS
TOWER	MW10-W18U	14-Jul-99	SW9040	pH	6.89		PH UNITS
TOWER	MW10-W18U	16-Oct-99	SW9040	pH	6.82		PH UNITS
TOWER	MW10-W19L	20-Apr-97	SW9040	pH	7.32		PH UNITS
TOWER	MW10-W19L	11-Jul-97	SW9040	pH	7.02		PH UNITS
TOWER	MW10-W19L	8-Jan-98	SW9040	pH	7.05		PH UNITS
TOWER	MW10-W19L	10-Apr-98	SW9040	pH	7.29		PH UNITS
TOWER	MW10-W19L	10-Jul-98	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W19L	11-Apr-99	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W19L	11-Jul-99	SW9040	pH	7.45		PH UNITS
TOWER	MW10-W19U	20-Apr-97	SW9040	pH	7.29		PH UNITS
TOWER	MW10-W19U	11-Jul-97	SW9040	pH	6.99		PH UNITS
TOWER	MW10-W19U	12-Oct-97	SW9040	pH	7.17		PH UNITS
TOWER	MW10-W19U	7-Jan-98	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W19U	11-Apr-98	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W19U	9-Oct-99	SW9040	pH	7.32		PH UNITS
TOWER	MW10-W19U	6-Jan-00	SW9040	pH	7.13		PH UNITS
TOWER	MW10-W2	11-Mar-94	SW9040	pH	7.1		PH UNITS
TOWER	MW10-W2	8-Jun-94	SW9040	pH	6.99		PH UNITS
TOWER	MW10-W2	15-Sep-94	SW9040	pH	7.04		PH UNITS
TOWER	MW10-W2	11-Dec-94	SW9040	pH	7.08		PH UNITS
TOWER	MW10-W2	13-Mar-95	SW9040	pH	7.18		PH UNITS
TOWER	MW10-W2	20-Jun-95	SW9040	pH	7.24		PH UNITS
TOWER	MW10-W20L	18-Apr-97	SW9040	pH	7.07		PH UNITS
TOWER	MW10-W20L	14-Jul-97	SW9040	pH	6.98		PH UNITS
TOWER	MW10-W20L	12-Oct-97	SW9040	pH	7.08		PH UNITS
TOWER	MW10-W20L	12-Jan-98	SW9040	pH	6.88		PH UNITS
TOWER	MW10-W20L	12-Apr-98	SW9040	pH	6.75		PH UNITS
TOWER	MW10-W20L	13-Jul-98	SW9040	pH	6.94		PH UNITS
TOWER	MW10-W20L	11-Oct-98	SW9040	pH	7.23		PH UNITS
TOWER	MW10-W20L	11-Jan-99	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W20L	13-Apr-99	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W20L	14-Jul-99	SW9040	pH	7.02		PH UNITS
TOWER	MW10-W20L	14-Oct-99	SW9040	pH	7.02		PH UNITS
TOWER	MW10-W20L	13-Jan-00	SW9040	pH	6.83		PH UNITS
TOWER	MW10-W20U	18-Apr-97	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W20U	12-Jul-97	SW9040	pH	6.94		PH UNITS
TOWER	MW10-W20U	14-Oct-97	SW9040	pH	7.16		PH UNITS
TOWER	MW10-W20U	10-Jan-98	SW9040	pH	7.2		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W20U	14-Apr-98	SW9040	pH	7.24		PH UNITS
TOWER	MW10-W20U	11-Oct-98	SW9040	pH	7.56		PH UNITS
TOWER	MW10-W20U	10-Jan-99	SW9040	pH	7.13		PH UNITS
TOWER	MW10-W20U	12-Apr-99	SW9040	pH	7.7		PH UNITS
TOWER	MW10-W20U	13-Jul-99	SW9040	pH	6.96		PH UNITS
TOWER	MW10-W21L	16-Apr-97	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W21L	13-Jul-97	SW9040	pH	6.92		PH UNITS
TOWER	MW10-W21L	14-Oct-97	SW9040	pH	7.07		PH UNITS
TOWER	MW10-W21L	10-Jan-98	SW9040	pH	7		PH UNITS
TOWER	MW10-W21L	14-Apr-98	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W21L	12-Jul-98	SW9040	pH	7.23		PH UNITS
TOWER	MW10-W21L	11-Oct-98	SW9040	pH	7.49		PH UNITS
TOWER	MW10-W21L	9-Jan-99	SW9040	pH	7.36		PH UNITS
TOWER	MW10-W21L	11-Apr-99	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W21L	12-Jul-99	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W21L	16-Oct-99	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W21L	7-Jan-00	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W21U	15-Apr-97	SW9040	pH	7.14		PH UNITS
TOWER	MW10-W21U	10-Jul-97	SW9040	pH	6.78		PH UNITS
TOWER	MW10-W21U	13-Oct-97	SW9040	pH	7.03		PH UNITS
TOWER	MW10-W21U	7-Jan-98	SW9040	pH	6.98		PH UNITS
TOWER	MW10-W21U	10-Apr-98	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W21U	10-Jul-98	SW9040	pH	7		PH UNITS
TOWER	MW10-W21U	8-Oct-98	SW9040	pH	7.45		PH UNITS
TOWER	MW10-W21U	7-Jan-99	SW9040	pH	7.14		PH UNITS
TOWER	MW10-W21U	9-Apr-99	SW9040	pH	8.06		PH UNITS
TOWER	MW10-W21U	9-Jul-99	SW9040	pH	7.08		PH UNITS
TOWER	MW10-W21U	14-Oct-99	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W22L	17-Apr-97	SW9040	pH	7.16		PH UNITS
TOWER	MW10-W22L	13-Jul-97	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W22L	8-Oct-97	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W22L	10-Jan-98	SW9040	pH	7.37		PH UNITS
TOWER	MW10-W22L	8-Apr-98	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W22L	11-Jul-98	SW9040	pH	7.28		PH UNITS
TOWER	MW10-W22L	9-Oct-98	SW9040	pH	7.62		PH UNITS
TOWER	MW10-W22L	10-Jan-99	SW9040	pH	7.36		PH UNITS
TOWER	MW10-W22L	11-Apr-99	SW9040	pH	7.34		PH UNITS
TOWER	MW10-W22L	11-Jul-99	SW9040	pH	7.43		PH UNITS
TOWER	MW10-W22U	15-Apr-97	SW9040	pH	7.24		PH UNITS
TOWER	MW10-W22U	13-Jul-97	SW9040	pH	7.04		PH UNITS
TOWER	MW10-W22U	8-Oct-97	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W22U	11-Jan-98	SW9040	pH	7.08		PH UNITS
TOWER	MW10-W22U	12-Apr-98	SW9040	pH	6.94		PH UNITS
TOWER	MW10-W22U	13-Jul-98	SW9040	pH	7.02		PH UNITS
TOWER	MW10-W22U	10-Oct-98	SW9040	pH	7.38		PH UNITS
TOWER	MW10-W22U	11-Jan-99	SW9040	pH	7.39		PH UNITS
TOWER	MW10-W22U	11-Apr-99	SW9040	pH	7.47		PH UNITS
TOWER	MW10-W22U	11-Jul-99	SW9040	pH	7.35		PH UNITS
TOWER	MW10-W22U	15-Oct-99	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W22U	13-Jan-00	SW9040	pH	6.95		PH UNITS
TOWER	MW10-W24L	20-Apr-97	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W24L	10-Jul-97	SW9040	pH	7.25		PH UNITS
TOWER	MW10-W24L	8-Jan-98	SW9040	pH	7.44		PH UNITS
TOWER	MW10-W24L	10-Jul-98	SW9040	pH	7.13		PH UNITS
TOWER	MW10-W24L	9-Oct-98	SW9040	pH	7.74		PH UNITS
TOWER	MW10-W24L	7-Jan-99	SW9040	pH	7.49		PH UNITS
TOWER	MW10-W24L	9-Apr-99	SW9040	pH	7.34		PH UNITS
TOWER	MW10-W24L	14-Oct-99	SW9040	pH	7.27		PH UNITS
TOWER	MW10-W24U	20-Apr-97	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W24U	13-Jul-97	SW9040	pH	6.92		PH UNITS
TOWER	MW10-W24U	12-Oct-97	SW9040	pH	7.03		PH UNITS
TOWER	MW10-W24U	8-Jan-98	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W24U	13-Apr-98	SW9040	pH	6.92		PH UNITS
TOWER	MW10-W24U	11-Jul-98	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W24U	12-Oct-98	SW9040	pH	7.4		PH UNITS
TOWER	MW10-W24U	9-Jan-99	SW9040	pH	7.25		PH UNITS
TOWER	MW10-W24U	11-Apr-99	SW9040	pH	7.36		PH UNITS
TOWER	MW10-W24U	13-Jul-99	SW9040	pH	7.07		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W24U	15-Oct-99	SW9040	pH	6.97		PH UNITS
TOWER	MW10-W24U	10-Jan-00	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W25M	11-Apr-98	SW9040	pH	7.13		PH UNITS
TOWER	MW10-W25M	11-Oct-98	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W25M	7-Jan-99	SW9040	pH	7.85		PH UNITS
TOWER	MW10-W25M	10-Jul-99	SW9040	pH	7.35		PH UNITS
TOWER	MW10-W25U	13-Oct-97	SW9040	pH	6.94		PH UNITS
TOWER	MW10-W25U	9-Jul-99	SW9040	pH	7.02		PH UNITS
TOWER	MW10-W25U	6-Jan-00	SW9040	pH	6.74		PH UNITS
TOWER	MW10-W26U	9-Jul-97	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W26U	9-Oct-99	SW9040	pH	7.23		PH UNITS
TOWER	MW10-W27L	10-Jan-98	SW9040	pH	7.14		PH UNITS
TOWER	MW10-W27L	11-Apr-98	SW9040	pH	7.07		PH UNITS
TOWER	MW10-W27L	9-Jul-98	SW9040	pH	7.28		PH UNITS
TOWER	MW10-W27L	13-Oct-98	SW9040	pH	7.23		PH UNITS
TOWER	MW10-W27L	11-Jul-99	SW9040	pH	7.3		PH UNITS
TOWER	MW10-W27U	7-Jan-99	SW9040	pH	7.87		PH UNITS
TOWER	MW10-W28L	19-Apr-97	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W28L	6-Jan-98	SW9040	pH	7.29		PH UNITS
TOWER	MW10-W28L	10-Apr-98	SW9040	pH	7.1		PH UNITS
TOWER	MW10-W28L	8-Jul-98	SW9040	pH	7.26		PH UNITS
TOWER	MW10-W28L	8-Oct-98	SW9040	pH	7.44		PH UNITS
TOWER	MW10-W28L	6-Jan-99	SW9040	pH	7.82		PH UNITS
TOWER	MW10-W28L	6-Apr-99	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W28L	7-Jul-99	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W28U	19-Apr-97	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W28U	8-Jul-97	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W28U	6-Jan-98	SW9040	pH	7.31		PH UNITS
TOWER	MW10-W28U	11-Apr-98	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W28U	7-Jul-98	SW9040	pH	7.28		PH UNITS
TOWER	MW10-W28U	11-Oct-98	SW9040	pH	7.25		PH UNITS
TOWER	MW10-W28U	6-Jan-99	SW9040	pH	7.78		PH UNITS
TOWER	MW10-W28U	6-Apr-99	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W28U	7-Jul-99	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W28U	11-Oct-99	SW9040	pH	7.14		PH UNITS
TOWER	MW10-W28U	7-Jan-00	SW9040	pH	7.16		PH UNITS
TOWER	MW10-W29L	11-Jul-99	SW9040	pH	7.25		PH UNITS
TOWER	MW10-W29L	15-Oct-99	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W29U	6-Jan-00	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W2L	8-Oct-96	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W2L	8-Jan-97	SW9040	pH	6.93		PH UNITS
TOWER	MW10-W2L	4-Apr-97	SW9040	pH	6.89		PH UNITS
TOWER	MW10-W2L	12-Jul-97	SW9040	pH	7.02		PH UNITS
TOWER	MW10-W2L	10-Oct-97	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W2L	10-Jan-98	SW9040	pH	7.3		PH UNITS
TOWER	MW10-W2L	11-Apr-98	SW9040	pH	6.91		PH UNITS
TOWER	MW10-W2L	11-Jul-98	SW9040	pH	7.36		PH UNITS
TOWER	MW10-W2L	10-Oct-98	SW9040	pH	7.25		PH UNITS
TOWER	MW10-W2L	9-Jan-99	SW9040	pH	7.13		PH UNITS
TOWER	MW10-W2M	15-Jun-96	SW9040	pH	7.13		PH UNITS
TOWER	MW10-W2M	9-Oct-96	SW9040	pH	7.23		PH UNITS
TOWER	MW10-W2M	10-Jan-97	SW9040	pH	7.26		PH UNITS
TOWER	MW10-W2M	3-Apr-97	SW9040	pH	6.91		PH UNITS
TOWER	MW10-W2M	12-Jul-97	SW9040	pH	7		PH UNITS
TOWER	MW10-W2M	14-Oct-97	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W2M	10-Jan-98	SW9040	pH	7.25		PH UNITS
TOWER	MW10-W2M	15-Apr-98	SW9040	pH	6.84		PH UNITS
TOWER	MW10-W2M	11-Jul-98	SW9040	pH	7.26		PH UNITS
TOWER	MW10-W2M	13-Oct-98	SW9040	pH	6.98		PH UNITS
TOWER	MW10-W2M	9-Jan-99	SW9040	pH	7.05		PH UNITS
TOWER	MW10-W2U	14-Oct-95	SW9040	pH	7.26		PH UNITS
TOWER	MW10-W2U	1-Dec-95	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W2U	17-Jun-96	SW9040	pH	6.84		PH UNITS
TOWER	MW10-W2U	7-Oct-96	SW9040	pH	6.81		PH UNITS
TOWER	MW10-W2U	9-Jan-97	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W2U	4-Apr-97	SW9040	pH	7.07		PH UNITS
TOWER	MW10-W2U	16-Jul-97	SW9040	pH	6.94		PH UNITS
TOWER	MW10-W2U	14-Oct-97	SW9040	pH	7.31		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W2U	10-Jan-98	SW9040	pH	7.24		PH UNITS
TOWER	MW10-W2U	14-Apr-98	SW9040	pH	7.05		PH UNITS
TOWER	MW10-W2U	13-Jul-98	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W2U	11-Oct-98	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W2U	11-Jan-99	SW9040	pH	7.08		PH UNITS
TOWER	MW10-W2U	10-Apr-99	SW9040	pH	7.36		PH UNITS
TOWER	MW10-W2U	10-Jul-99	SW9040	pH	7.14		PH UNITS
TOWER	MW10-W2U	12-Oct-99	SW9040	pH	7.13		PH UNITS
TOWER	MW10-W2U	12-Jan-00	SW9040	pH	7.32		PH UNITS
TOWER	MW10-W3	14-Mar-94	SW9040	pH	7.1		PH UNITS
TOWER	MW10-W3	9-Jun-94	SW9040	pH	7.1		PH UNITS
TOWER	MW10-W3	13-Sep-94	SW9040	pH	7.18		PH UNITS
TOWER	MW10-W3	11-Dec-94	SW9040	pH	7.23		PH UNITS
TOWER	MW10-W3	10-Mar-95	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W3	21-Jun-95	SW9040	pH	7.2		PH UNITS
TOWER	MW10-W30M	15-Jul-98	SW9040	pH	7.51		PH UNITS
TOWER	MW10-W30M	11-Oct-98	SW9040	pH	7.76		PH UNITS
TOWER	MW10-W30M	6-Jan-99	SW9040	pH	7.42		PH UNITS
TOWER	MW10-W30U	14-Jul-98	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W30U	12-Jan-99	SW9040	pH	7.3		PH UNITS
TOWER	MW10-W31L	13-Jan-99	SW9040	pH	7.39		PH UNITS
TOWER	MW10-W31L	14-Apr-99	SW9040	pH	6.88		PH UNITS
TOWER	MW10-W31L	14-Jul-99	SW9040	pH	7.34		PH UNITS
TOWER	MW10-W31L	16-Oct-99	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W31L	12-Jan-00	SW9040	pH	7.23		PH UNITS
TOWER	MW10-W31M	12-Jan-99	SW9040	pH	7.05		PH UNITS
TOWER	MW10-W31M	13-Apr-99	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W31M	14-Jul-99	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W31M	15-Oct-99	SW9040	pH	6.97		PH UNITS
TOWER	MW10-W31U	8-Jan-99	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W32L	10-Jul-99	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W32L	11-Oct-99	SW9040	pH	7.05		PH UNITS
TOWER	MW10-W32L	6-Jan-00	SW9040	pH	6.98		PH UNITS
TOWER	MW10-W32U	12-Oct-99	SW9040	pH	6.95		PH UNITS
TOWER	MW10-W33L	9-Apr-99	SW9040	pH	7.37		PH UNITS
TOWER	MW10-W33L	11-Jul-99	SW9040	pH	7.57		PH UNITS
TOWER	MW10-W33M	10-Jul-99	SW9040	pH	7.3		PH UNITS
TOWER	MW10-W34L	13-Jul-99	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W34L	14-Oct-99	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W34L	11-Jan-00	SW9040	pH	7.04		PH UNITS
TOWER	MW10-W34M	12-Jul-99	SW9040	pH	7.28		PH UNITS
TOWER	MW10-W34M	14-Oct-99	SW9040	pH	7.32		PH UNITS
TOWER	MW10-W34U	13-Oct-99	SW9040	pH	7.29		PH UNITS
TOWER	MW10-W35L	13-Jul-99	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W35L	6-Nov-99	SW9040	pH	7.03		PH UNITS
TOWER	MW10-W35L	8-Jan-00	SW9040	pH	7.03		PH UNITS
TOWER	MW10-W35U	12-Jul-99	SW9040	pH	7.27		PH UNITS
TOWER	MW10-W35U	13-Oct-99	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W36U	11-Apr-99	SW9040	pH	7.35		PH UNITS
TOWER	MW10-W36U	13-Jul-99	SW9040	pH	7.04		PH UNITS
TOWER	MW10-W36U	16-Oct-99	SW9040	pH	6.97		PH UNITS
TOWER	MW10-W36U	12-Jan-00	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W37L	11-Apr-99	SW9040	pH	7.43		PH UNITS
TOWER	MW10-W37L	14-Jul-99	SW9040	pH	7.32		PH UNITS
TOWER	MW10-W37L	14-Oct-99	SW9040	pH	7.39		PH UNITS
TOWER	MW10-W37L	12-Jan-00	SW9040	pH	7.6		PH UNITS
TOWER	MW10-W3L	8-Nov-96	SW9040	pH	7		PH UNITS
TOWER	MW10-W3L	8-Jan-97	SW9040	pH	6.97		PH UNITS
TOWER	MW10-W3L	4-Apr-97	SW9040	pH	7.03		PH UNITS
TOWER	MW10-W3L	16-Jul-97	SW9040	pH	6.89		PH UNITS
TOWER	MW10-W3L	15-Oct-97	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W3L	13-Jan-98	SW9040	pH	6.97		PH UNITS
TOWER	MW10-W3L	15-Apr-98	SW9040	pH	6.85		PH UNITS
TOWER	MW10-W3L	14-Jul-98	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W3L	14-Oct-98	SW9040	pH	6.99		PH UNITS
TOWER	MW10-W3L	12-Jan-99	SW9040	pH	7.07		PH UNITS
TOWER	MW10-W3L	12-Apr-99	SW9040	pH	7.9		PH UNITS
TOWER	MW10-W3L	13-Jul-99	SW9040	pH	7.09		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W3L	12-Oct-99	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W3L	12-Jan-00	SW9040	pH	7.07		PH UNITS
TOWER	MW10-W3M	16-Jun-96	SW9040	pH	6.73		PH UNITS
TOWER	MW10-W3M	10-Nov-96	SW9040	pH	7		PH UNITS
TOWER	MW10-W3M	9-Jan-97	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W3M	4-Apr-97	SW9040	pH	7.1		PH UNITS
TOWER	MW10-W3M	15-Jul-97	SW9040	pH	7.04		PH UNITS
TOWER	MW10-W3M	15-Oct-97	SW9040	pH	7.24		PH UNITS
TOWER	MW10-W3M	13-Jan-98	SW9040	pH	7.19		PH UNITS
TOWER	MW10-W3M	15-Apr-98	SW9040	pH	6.93		PH UNITS
TOWER	MW10-W3M	15-Jul-98	SW9040	pH	7.28		PH UNITS
TOWER	MW10-W3M	14-Oct-98	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W3M	12-Jan-99	SW9040	pH	7.16		PH UNITS
TOWER	MW10-W3U	14-Oct-95	SW9040	pH	7.22		PH UNITS
TOWER	MW10-W3U	4-Dec-95	SW9040	pH	7.17		PH UNITS
TOWER	MW10-W3U	19-Jun-96	SW9040	pH	6.8		PH UNITS
TOWER	MW10-W3U	9-Nov-96	SW9040	pH	6.94		PH UNITS
TOWER	MW10-W3U	10-Jan-97	SW9040	pH	7.17		PH UNITS
TOWER	MW10-W3U	7-Apr-97	SW9040	pH	6.59		PH UNITS
TOWER	MW10-W3U	6-Aug-97	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W3U	11-Oct-97	SW9040	pH	6.99		PH UNITS
TOWER	MW10-W3U	10-Jan-98	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W3U	14-Apr-98	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W3U	12-Jul-98	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W3U	11-Oct-98	SW9040	pH	7.49		PH UNITS
TOWER	MW10-W3U	9-Jan-99	SW9040	pH	7.42		PH UNITS
TOWER	MW10-W4	3-Jan-97	SW9040	pH	6.83		PH UNITS
TOWER	MW10-W4	12-Jul-97	SW9040	pH	6.67		PH UNITS
TOWER	MW10-W4	12-Apr-98	SW9040	pH	6.93		PH UNITS
TOWER	MW10-W42U	9-Jan-00	SW9040	pH	6.87		PH UNITS
TOWER	MW10-W5U	13-Mar-94	SW9040	pH	6.87		PH UNITS
TOWER	MW10-W5U	9-Jun-94	SW9040	pH	6.8		PH UNITS
TOWER	MW10-W5U	13-Sep-94	SW9040	pH	6.93		PH UNITS
TOWER	MW10-W5U	13-Dec-94	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W5U	13-Mar-95	SW9040	pH	7.02		PH UNITS
TOWER	MW10-W5U	19-Jun-95	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W5U	19-Oct-95	SW9040	pH	6.96		PH UNITS
TOWER	MW10-W5U	7-Dec-95	SW9040	pH	6.76		PH UNITS
TOWER	MW10-W5U	14-Jun-96	SW9040	pH	7.05		PH UNITS
TOWER	MW10-W5U	9-Oct-96	SW9040	pH	7.13		PH UNITS
TOWER	MW10-W5U	9-Jan-97	SW9040	pH	6.92		PH UNITS
TOWER	MW10-W5U	6-Apr-97	SW9040	pH	6.69		PH UNITS
TOWER	MW10-W5U	7-Aug-97	SW9040	pH	6.71		PH UNITS
TOWER	MW10-W5U	12-Oct-97	SW9040	pH	7		PH UNITS
TOWER	MW10-W5U	9-Jan-98	SW9040	pH	6.78		PH UNITS
TOWER	MW10-W5U	12-Apr-98	SW9040	pH	6.76		PH UNITS
TOWER	MW10-W5U	10-Jul-98	SW9040	pH	7.04		PH UNITS
TOWER	MW10-W5U	11-Oct-98	SW9040	pH	7.14		PH UNITS
TOWER	MW10-W5U	8-Jan-99	SW9040	pH	6.95		PH UNITS
TOWER	MW10-W5U	8-Apr-99	SW9040	pH	6.6		PH UNITS
TOWER	MW10-W5U	9-Jul-99	SW9040	pH	7.23		PH UNITS
TOWER	MW10-W5U	12-Oct-99	SW9040	pH	7.09		PH UNITS
TOWER	MW10-W5U	11-Jan-00	SW9040	pH	7		PH UNITS
TOWER	MW10-W6	9-Jun-94	SW9040	pH	7.01		PH UNITS
TOWER	MW10-W6	4-Jan-97	SW9040	pH	6.93		PH UNITS
TOWER	MW10-W6	3-Apr-97	SW9040	pH	6.73		PH UNITS
TOWER	MW10-W6	7-Oct-97	SW9040	pH	6.91		PH UNITS
TOWER	MW10-W6	8-Jan-98	SW9040	pH	7.14		PH UNITS
TOWER	MW10-W6	11-Jul-98	SW9040	pH	7.51		PH UNITS
TOWER	MW10-W7	13-Mar-94	SW9040	pH	6.87		PH UNITS
TOWER	MW10-W7	9-Jun-94	SW9040	pH	7.03		PH UNITS
TOWER	MW10-W7	11-Jul-97	SW9040	pH	6.66		PH UNITS
TOWER	MW10-W7	9-Jan-98	SW9040	pH	6.99		PH UNITS
TOWER	MW10-W7	7-Apr-98	SW9040	pH	6.88		PH UNITS
TOWER	MW10-W9L	16-Jun-96	SW9040	pH	6.78		PH UNITS
TOWER	MW10-W9L	10-Nov-96	SW9040	pH	6.87		PH UNITS
TOWER	MW10-W9L	10-Jan-97	SW9040	pH	6.87		PH UNITS
TOWER	MW10-W9L	22-Apr-97	SW9040	pH	6.78		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W9L	14-Jul-97	SW9040	pH	6.88		PH UNITS
TOWER	MW10-W9L	15-Oct-97	SW9040	pH	7.16		PH UNITS
TOWER	MW10-W9L	11-Jan-98	SW9040	pH	7.14		PH UNITS
TOWER	MW10-W9L	13-Apr-98	SW9040	pH	6.95		PH UNITS
TOWER	MW10-W9L	13-Jul-98	SW9040	pH	7.15		PH UNITS
TOWER	MW10-W9L	11-Oct-98	SW9040	pH	7.11		PH UNITS
TOWER	MW10-W9L	11-Jan-99	SW9040	pH	7.13		PH UNITS
TOWER	MW10-W9L	13-Apr-99	SW9040	pH	7.28		PH UNITS
TOWER	MW10-W9L	14-Jul-99	SW9040	pH	7.07		PH UNITS
TOWER	MW10-W9L	12-Oct-99	SW9040	pH	7.02		PH UNITS
TOWER	MW10-W9L	12-Jan-00	SW9040	pH	7.37		PH UNITS
TOWER	MW10-W9U	15-Jun-96	SW9040	pH	7		PH UNITS
TOWER	MW10-W9U	9-Oct-96	SW9040	pH	7.02		PH UNITS
TOWER	MW10-W9U	9-Jan-97	SW9040	pH	6.64		PH UNITS
TOWER	MW10-W9U	21-Apr-97	SW9040	pH	6.83		PH UNITS
TOWER	MW10-W9U	13-Jul-97	SW9040	pH	6.74		PH UNITS
TOWER	MW10-W9U	14-Oct-97	SW9040	pH	7.21		PH UNITS
TOWER	MW10-W9U	12-Jan-98	SW9040	pH	7.06		PH UNITS
TOWER	MW10-W9U	14-Apr-98	SW9040	pH	6.92		PH UNITS
TOWER	MW10-W9U	12-Jul-98	SW9040	pH	7.12		PH UNITS
TOWER	MW10-W9U	12-Oct-98	SW9040	pH	7.32		PH UNITS
TOWER	MW10-W9U	10-Jan-99	SW9040	pH	7.07		PH UNITS
TOWER	MW10-W9U	13-Apr-99	SW9040	pH	7.05		PH UNITS
TOWER	MW10-W9U	14-Jul-99	SW9040	pH	6.93		PH UNITS
TOWER	MW10-W9U	12-Oct-99	SW9040	pH	7.01		PH UNITS
TOWER	MWP-3	10-Mar-94	SW9040	pH	7.01		PH UNITS
TOWER	MWP-3	8-Jun-94	SW9040	pH	6.67		PH UNITS
TOWER	MWP-3	13-Sep-94	SW9040	pH	6.94		PH UNITS
TOWER	MWP-3	7-Mar-95	SW9040	pH	6.94		PH UNITS
TOWER	MWP-3	15-Jun-95	SW9040	pH	7.03		PH UNITS
TOWER	MWP-3	17-Oct-95	SW9040	pH	7.07		PH UNITS
TOWER	MWP-3	5-Dec-95	SW9040	pH	6.98		PH UNITS
TOWER	MWP-3	1-Oct-96	SW9040	pH	6.88		PH UNITS
TOWER	MWP-3	8-Jan-97	SW9040	pH	7.05		PH UNITS
TOWER	MWP-3	3-Apr-97	SW9040	pH	7		PH UNITS
TOWER	MWP-3	11-Jul-97	SW9040	pH	6.71		PH UNITS
TOWER	MWP-3	10-Oct-97	SW9040	pH	6.9		PH UNITS
TOWER	MWP-3	10-Jan-98	SW9040	pH	7.01		PH UNITS
TOWER	MWP-3	13-Apr-98	SW9040	pH	6.83		PH UNITS
TOWER	MWP-3	12-Jul-98	SW9040	pH	7.05		PH UNITS
TOWER	MWP-3	10-Oct-98	SW9040	pH	7.32		PH UNITS
TOWER	MWP-3	10-Jan-99	SW9040	pH	7.13		PH UNITS
TOWER	MWP-4	10-Mar-94	SW9040	pH	7.05		PH UNITS
TOWER	MWP-4	9-Jun-94	SW9040	pH	7.11		PH UNITS
TOWER	MWP-4	5-Dec-95	SW9040	pH	6.8		PH UNITS
TOWER	OB-1	11-Mar-94	SW9040	pH	7.18		PH UNITS
TOWER	OB-1	14-Jun-94	SW9040	pH	6.66		PH UNITS
TOWER	OB-1	20-Sep-94	SW9040	pH	7.25		PH UNITS
TOWER	OB-1	15-Dec-94	SW9040	pH	7.05		PH UNITS
TOWER	OB-1	8-Mar-95	SW9040	pH	7.19		PH UNITS
TOWER	OB-1	15-Jun-95	SW9040	pH	7.73		PH UNITS
TOWER	OB-1	13-Sep-95	SW9040	pH	7.34		PH UNITS
TOWER	OB-1	5-Dec-95	SW9040	pH	7.27		PH UNITS
TOWER	OB-3	12-Mar-94	SW9040	pH	7.03		PH UNITS
TOWER	OB-3	9-Jun-94	SW9040	pH	7.12		PH UNITS
TOWER	OB-3	16-Sep-94	SW9040	pH	7.02		PH UNITS
TOWER	OB-3	14-Dec-94	SW9040	pH	7.02		PH UNITS
TOWER	OB-3	11-Mar-95	SW9040	pH	7.03		PH UNITS
TOWER	OB-3	18-Jun-95	SW9040	pH	7.06		PH UNITS
TOWER	OB-3	18-Oct-95	SW9040	pH	7.01		PH UNITS
TOWER	OB-3	4-Dec-95	SW9040	pH	6.78		PH UNITS
TOWER	OB-3	8-Oct-96	SW9040	pH	6.59		PH UNITS
TOWER	OB-3	9-Jan-97	SW9040	pH	6.88		PH UNITS
TOWER	OB-3	7-Apr-97	SW9040	pH	6.47		PH UNITS
TOWER	OB-3	12-Jul-97	SW9040	pH	6.82		PH UNITS
TOWER	OB-3	12-Oct-97	SW9040	pH	7.03		PH UNITS
TOWER	OB-3	9-Jan-98	SW9040	pH	6.83		PH UNITS
TOWER	OB-3	12-Apr-98	SW9040	pH	6.79		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	OB-3	10-Jul-98	SW9040	pH	7.12		PH UNITS
TOWER	OB-3	11-Oct-98	SW9040	pH	7.21		PH UNITS
TOWER	OB-3	9-Jan-99	SW9040	pH	6.91		PH UNITS
TOWER	OB-4	15-Mar-94	SW9040	pH	7.07		PH UNITS
TOWER	OB-4	10-Jun-94	SW9040	pH	7.23		PH UNITS
TOWER	OB-4	16-Sep-94	SW9040	pH	7.02		PH UNITS
TOWER	OB-4	14-Dec-94	SW9040	pH	7.09		PH UNITS
TOWER	OB-4	12-Mar-95	SW9040	pH	7.07		PH UNITS
TOWER	OB-4	19-Jun-95	SW9040	pH	7.15		PH UNITS
TOWER	OB-4	19-Oct-95	SW9040	pH	7.08		PH UNITS
TOWER	OB-4	4-Dec-95	SW9040	pH	7.03		PH UNITS
TOWER	OB-4	8-Oct-96	SW9040	pH	6.66		PH UNITS
TOWER	OB-4	10-Jan-97	SW9040	pH	7.15		PH UNITS
TOWER	OB-4	9-Apr-97	SW9040	pH	6.75		PH UNITS
TOWER	OB-4	15-Jul-97	SW9040	pH	6.98		PH UNITS
TOWER	OB-4	15-Oct-97	SW9040	pH	6.88		PH UNITS
TOWER	OB-4	14-Jan-98	SW9040	pH	7.03		PH UNITS
TOWER	OB-4	15-Apr-98	SW9040	pH	7.07		PH UNITS
TOWER	OB-4	14-Jul-98	SW9040	pH	7.22		PH UNITS
TOWER	OB-4	14-Oct-98	SW9040	pH	7.22		PH UNITS
TOWER	OB-4	12-Jan-99	SW9040	pH	7.28		PH UNITS
TOWER	OB-4	14-Apr-99	SW9040	pH	7.36		PH UNITS
TOWER	OB-4	14-Jul-99	SW9040	pH	7.19		PH UNITS
TOWER	OB-4	16-Oct-99	SW9040	pH	7.08		PH UNITS
TOWER	OB-4	13-Jan-00	SW9040	pH	7.38		PH UNITS
TOWER	OB-5	11-Mar-94	SW9040	pH	7.1		PH UNITS
TOWER	OB-S	16-Dec-94	SW9040	pH	7.19		PH UNITS
TOWER	OB-S	21-Jun-95	SW9040	pH	7.15		PH UNITS
TOWER	OB-S	18-Oct-95	SW9040	pH	7.1		PH UNITS
TOWER	OB-S	5-Dec-95	SW9040	pH	6.7		PH UNITS
TOWER	OB-S	15-Apr-98	SW9040	pH	6.97		PH UNITS
TOWER	OW-1	15-Mar-94	SW9040	pH	7.11		PH UNITS
TOWER	OW-1	9-Jun-94	SW9040	pH	7.17		PH UNITS
TOWER	OW-1	18-Sep-94	SW9040	pH	7.06		PH UNITS
TOWER	OW-1	11-Mar-95	SW9040	pH	7.06		PH UNITS
TOWER	OW-1	18-Jun-95	SW9040	pH	7.08		PH UNITS
TOWER	OW-1	15-Sep-95	SW9040	pH	7.09		PH UNITS
TOWER	OW-1	6-Dec-95	SW9040	pH	6.55		PH UNITS
TOWER	OW-2	15-Mar-94	SW9040	pH	7.1		PH UNITS
TOWER	OW-2	9-Jun-94	SW9040	pH	7		PH UNITS
TOWER	OW-2	18-Sep-94	SW9040	pH	6.98		PH UNITS
TOWER	OW-2	18-Jun-95	SW9040	pH	7.05		PH UNITS
TOWER	OW-2	13-Sep-95	SW9040	pH	7.07		PH UNITS
TOWER	OW-2	6-Dec-95	SW9040	pH	6.52		PH UNITS
TOWER	OW-2	2-Apr-97	SW9040	pH	6.25		PH UNITS
TOWER	OW-3	14-Mar-94	SW9040	pH	7.05		PH UNITS
TOWER	OW-3	10-Jun-94	SW9040	pH	6.95		PH UNITS
TOWER	OW-3	18-Sep-94	SW9040	pH	6.85		PH UNITS
TOWER	OW-3	17-Jun-95	SW9040	pH	6.95		PH UNITS
TOWER	OW-3	15-Oct-95	SW9040	pH	7.02		PH UNITS
TOWER	OW-3	3-Dec-95	SW9040	pH	6.82		PH UNITS
TOWER	OW-3	4-Apr-97	SW9040	pH	6.56		PH UNITS
TOWER	OW-4	14-Mar-94	SW9040	pH	7.16		PH UNITS
TOWER	OW-4	12-Jun-94	SW9040	pH	7.13		PH UNITS
TOWER	OW-4	18-Sep-94	SW9040	pH	7.11		PH UNITS
TOWER	OW-4	17-Jun-95	SW9040	pH	7.18		PH UNITS
TOWER	OW-4	15-Oct-95	SW9040	pH	7.07		PH UNITS
TOWER	OW-4	4-Dec-95	SW9040	pH	7		PH UNITS
TOWER	OW-4	3-Apr-97	SW9040	pH	6.64		PH UNITS
TOWER	PIEZ-2	16-Dec-94	SW9040	pH	7.21		PH UNITS
TOWER	PIEZ-2	11-Mar-95	SW9040	pH	7.07		PH UNITS
TOWER	PIEZ-2	18-Jun-95	SW9040	pH	7.13		PH UNITS
TOWER	PIEZ-2	19-Oct-95	SW9040	pH	6.99		PH UNITS
TOWER	PIEZ-2	6-Dec-95	SW9040	pH	6.6		PH UNITS
TOWER	PIEZ-2	15-Apr-98	SW9040	pH	7.04		PH UNITS
TOWER	WS-12	14-Jul-98	SW9040	pH	8.07		PH UNITS
TOWER	WS-8	13-Mar-94	SW9040	pH	7.14		PH UNITS
TOWER	WS-8	12-Jun-94	SW9040	pH	7.12		PH UNITS

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	WS-8	18-Sep-94	SW9040	pH	7.38		PH UNITS
TOWER	WS-8	14-Dec-94	SW9040	pH	7.15		PH UNITS
TOWER	WS-8	12-Mar-95	SW9040	pH	7.18		PH UNITS
TOWER	WS-8	20-Jun-95	SW9040	pH	7.25		PH UNITS
TOWER	WS-8	15-Sep-95	SW9040	pH	7.35		PH UNITS
TOWER	WS-8	4-Dec-95	SW9040	pH	7.41		PH UNITS
TOWER	WS-9	16-Mar-94	SW9040	pH	7.76		PH UNITS
JS-16	216	8-Nov-99	SW9050	Specific Conductivity	1068		UMHOS/CM
JS-18	DW001	21-Oct-94	SW9050	Specific Conductivity	1204		UMHOS/CM
JS-18	DW001	21-Jan-95	SW9050	Specific Conductivity	1280		UMHOS/CM
JS-18	DW001	25-Apr-95	SW9050	Specific Conductivity	1306		UMHOS/CM
JS-18	DW001	16-Jul-95	SW9050	Specific Conductivity	1315		UMHOS/CM
JS-18	DW001	22-Oct-95	SW9050	Specific Conductivity	1191		UMHOS/CM
JS-18	DW001	27-Jan-96	SW9050	Specific Conductivity	1030		UMHOS/CM
JS-18	DW001	27-Apr-96	SW9050	Specific Conductivity	1098		UMHOS/CM
JS-18	DW001	21-Jul-96	SW9050	Specific Conductivity	1243		UMHOS/CM
JS-18	DW001	19-Oct-96	SW9050	Specific Conductivity	1354		UMHOS/CM
JS-18	DW001	16-Feb-97	SW9050	Specific Conductivity	888		UMHOS/CM
JS-18	DW001	18-May-97	SW9050	Specific Conductivity	1004		UMHOS/CM
JS-18	DW001	24-Aug-97	SW9050	Specific Conductivity	1420		UMHOS/CM
JS-18	DW001	13-Nov-97	SW9050	Specific Conductivity	1410		UMHOS/CM
JS-18	DW001	15-Feb-98	SW9050	Specific Conductivity	1276		UMHOS/CM
JS-18	DW001	12-May-98	SW9050	Specific Conductivity	1764		UMHOS/CM
JS-18	DW001	20-Aug-98	SW9050	Specific Conductivity	1040		UMHOS/CM
JS-18	DW001	9-Feb-99	SW9050	Specific Conductivity	1019		UMHOS/CM
JS-18	DW001	20-May-99	SW9050	Specific Conductivity	1261		UMHOS/CM
JS-18	DW001-AF	25-Apr-95	SW9050	Specific Conductivity	1270		UMHOS/CM
JS-17	DW003	18-Oct-94	SW9050	Specific Conductivity	1223		UMHOS/CM
JS-17	DW003	19-Jan-95	SW9050	Specific Conductivity	1316		UMHOS/CM
JS-17	DW003	16-May-95	SW9050	Specific Conductivity	1199		UMHOS/CM
JS-17	DW003	14-Jul-95	SW9050	Specific Conductivity	1022		UMHOS/CM
JS-17	DW003	20-Oct-95	SW9050	Specific Conductivity	1241		UMHOS/CM
JS-17	DW003	23-Jan-96	SW9050	Specific Conductivity	1099		UMHOS/CM
JS-17	DW003	26-Apr-96	SW9050	Specific Conductivity	1248		UMHOS/CM
JS-17	DW003	21-Jul-96	SW9050	Specific Conductivity	1222		UMHOS/CM
JS-17	DW003	19-Oct-96	SW9050	Specific Conductivity	1280		UMHOS/CM
JS-17	DW003	13-Feb-97	SW9050	Specific Conductivity	961		UMHOS/CM
JS-17	DW003	16-May-97	SW9050	Specific Conductivity	984		UMHOS/CM
JS-17	DW003	21-Aug-97	SW9050	Specific Conductivity	1150		UMHOS/CM
JS-17	DW003	14-Nov-97	SW9050	Specific Conductivity	980		UMHOS/CM
JS-17	DW003	12-Feb-98	SW9050	Specific Conductivity	1160		UMHOS/CM
JS-17	DW003	12-May-98	SW9050	Specific Conductivity	1600		UMHOS/CM
JS-17	DW003	19-Aug-98	SW9050	Specific Conductivity	1165		UMHOS/CM
JS-17	DW003	19-Nov-98	SW9050	Specific Conductivity	1240		UMHOS/CM
JS-17	DW003	10-Feb-99	SW9050	Specific Conductivity	972		UMHOS/CM
JS-17	DW003	19-May-99	SW9050	Specific Conductivity	768		UMHOS/CM
JS-17	DW003	11-Aug-99	SW9050	Specific Conductivity	1199		UMHOS/CM
JS-17	DW003	10-Nov-99	SW9050	Specific Conductivity	2004		UMHOS/CM
JS-17	DW003-AF	16-May-95	SW9050	Specific Conductivity	1218		UMHOS/CM
JS-18	DW004	20-Jan-94	SW9050	Specific Conductivity	1146		UMHOS/CM
JS-18	DW004	21-Oct-94	SW9050	Specific Conductivity	1117		UMHOS/CM
JS-18	DW004	24-Apr-95	SW9050	Specific Conductivity	1089		UMHOS/CM
JS-18	DW004	23-Oct-95	SW9050	Specific Conductivity	933		UMHOS/CM
JS-18	DW004	29-Jan-96	SW9050	Specific Conductivity	1326		UMHOS/CM
JS-18	DW004	27-Apr-96	SW9050	Specific Conductivity	612		UMHOS/CM
JS-18	DW004	19-Jul-96	SW9050	Specific Conductivity	1035		UMHOS/CM
JS-18	DW004	20-Oct-96	SW9050	Specific Conductivity	814		UMHOS/CM
JS-18	DW004	16-Feb-97	SW9050	Specific Conductivity	1106		UMHOS/CM
JS-18	DW004	16-May-97	SW9050	Specific Conductivity	830		UMHOS/CM
JS-18	DW004	22-Aug-97	SW9050	Specific Conductivity	1369		UMHOS/CM
JS-18	DW004	15-Nov-97	SW9050	Specific Conductivity	1160		UMHOS/CM
JS-18	DW004	15-Feb-98	SW9050	Specific Conductivity	1210		UMHOS/CM
JS-18	DW004	13-May-98	SW9050	Specific Conductivity	1630		UMHOS/CM
JS-18	DW004	20-Aug-98	SW9050	Specific Conductivity	800		UMHOS/CM
JS-18	DW004	9-Feb-99	SW9050	Specific Conductivity	907		UMHOS/CM
JS-18	DW004	12-Aug-99	SW9050	Specific Conductivity	1248		UMHOS/CM
JS-18	DW004	9-Nov-99	SW9050	Specific Conductivity	1197		UMHOS/CM
JS-18	DW004-AF	16-Jul-95	SW9050	Specific Conductivity	1151		UMHOS/CM

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-18	DW004-AF	29-Jan-96	SW9050	Specific Conductivity	1065		UMHOS/CM
JS-18	DW010	20-Oct-94	SW9050	Specific Conductivity	1673		UMHOS/CM
JS-17	DW013	27-Jan-96	SW9050	Specific Conductivity	1101		UMHOS/CM
JS-17	DW013	18-May-97	SW9050	Specific Conductivity	994		UMHOS/CM
JS-17	DW013	22-Aug-97	SW9050	Specific Conductivity	1448		UMHOS/CM
JS-17	DW013	13-Nov-97	SW9050	Specific Conductivity	1660		UMHOS/CM
JS-17	DW013	12-Feb-98	SW9050	Specific Conductivity	1150		UMHOS/CM
JS-17	DW013	13-May-98	SW9050	Specific Conductivity	1660		UMHOS/CM
JS-17	DW013	21-Aug-98	SW9050	Specific Conductivity	1124		UMHOS/CM
JS-17	DW013	19-Nov-98	SW9050	Specific Conductivity	1030		UMHOS/CM
JS-17	DW013	19-May-99	SW9050	Specific Conductivity	1052		UMHOS/CM
JS-17	DW013	12-Aug-99	SW9050	Specific Conductivity	1504		UMHOS/CM
JS-17	DW013	11-Nov-99	SW9050	Specific Conductivity	1285		UMHOS/CM
JS-17	DW014	19-Oct-94	SW9050	Specific Conductivity	1440		UMHOS/CM
JS-17	DW015	19-Jan-95	SW9050	Specific Conductivity	1791		UMHOS/CM
JS-17	DW015	14-Jul-95	SW9050	Specific Conductivity	1391		UMHOS/CM
JS-17	DW015	20-Oct-95	SW9050	Specific Conductivity	1565		UMHOS/CM
JS-17	DW015	27-Apr-96	SW9050	Specific Conductivity	1373		UMHOS/CM
JS-17	DW015	21-Jul-96	SW9050	Specific Conductivity	1526		UMHOS/CM
JS-17	DW015	20-Oct-96	SW9050	Specific Conductivity	1553		UMHOS/CM
JS-17	DW015	15-Feb-97	SW9050	Specific Conductivity	1457		UMHOS/CM
JS-17	DW015	18-May-97	SW9050	Specific Conductivity	1179		UMHOS/CM
JS-17	DW015	12-Feb-98	SW9050	Specific Conductivity	1351		UMHOS/CM
JS-17	DW015	13-May-98	SW9050	Specific Conductivity	1962		UMHOS/CM
JS-17	DW015	19-Aug-98	SW9050	Specific Conductivity	1514		UMHOS/CM
JS-17	DW015	19-Nov-98	SW9050	Specific Conductivity	1220		UMHOS/CM
JS-17	DW015	10-Feb-99	SW9050	Specific Conductivity	1262		UMHOS/CM
JS-17	DW015	18-May-99	SW9050	Specific Conductivity	1131		UMHOS/CM
JS-17	DW015	11-Aug-99	SW9050	Specific Conductivity	1339		UMHOS/CM
JS-17	DW015	10-Nov-99	SW9050	Specific Conductivity	1868		UMHOS/CM
JS-17	DW016	27-Jan-96	SW9050	Specific Conductivity	1285		UMHOS/CM
JS-17	DW016	21-Jul-96	SW9050	Specific Conductivity	1663		UMHOS/CM
JS-17	DW016	12-Feb-98	SW9050	Specific Conductivity	1680		UMHOS/CM
JS-17	DW016	20-Aug-98	SW9050	Specific Conductivity	370		UMHOS/CM
JS-17	DW016	19-Nov-98	SW9050	Specific Conductivity	1670		UMHOS/CM
JS-17	DW016	10-Feb-99	SW9050	Specific Conductivity	1202		UMHOS/CM
JS-18	DW024	21-Jul-96	SW9050	Specific Conductivity	1022		UMHOS/CM
JS-18	DW024	13-Feb-97	SW9050	Specific Conductivity	891		UMHOS/CM
JS-18	DW024	17-May-97	SW9050	Specific Conductivity	960		UMHOS/CM
JS-18	DW024	22-Aug-97	SW9050	Specific Conductivity	1170		UMHOS/CM
JS-18	DW024	13-Nov-97	SW9050	Specific Conductivity	1350		UMHOS/CM
JS-16	DW101	20-Apr-95	SW9050	Specific Conductivity	1698		UMHOS/CM
JS-16	DW101	11-Feb-98	SW9050	Specific Conductivity	1490		UMHOS/CM
JS-16	DW196	24-Jan-96	SW9050	Specific Conductivity	998		UMHOS/CM
JS-16	DW199	24-Apr-96	SW9050	Specific Conductivity	1888		UMHOS/CM
JS-16	DW199	18-Aug-98	SW9050	Specific Conductivity	19.15		UMHOS/CM
JS-16	DW199	17-May-99	SW9050	Specific Conductivity	3800		UMHOS/CM
JS-16	DW200	15-May-98	SW9050	Specific Conductivity	1920		UMHOS/CM
JS-16	DW200	19-Aug-98	SW9050	Specific Conductivity	14.18		UMHOS/CM
JS-16	DW200	17-Nov-98	SW9050	Specific Conductivity	1353		UMHOS/CM
JS-16	DW200	9-Feb-99	SW9050	Specific Conductivity	1036		UMHOS/CM
JS-16	DW200	12-Aug-99	SW9050	Specific Conductivity	1629		UMHOS/CM
JS-16	DW200	9-Nov-99	SW9050	Specific Conductivity	1421		UMHOS/CM
JS-16	DW201	13-Feb-97	SW9050	Specific Conductivity	1500		UMHOS/CM
JS-16	DW201	20-Aug-97	SW9050	Specific Conductivity	1758		UMHOS/CM
JS-16	DW201	10-Nov-97	SW9050	Specific Conductivity	1848		UMHOS/CM
JS-16	DW201	10-Feb-98	SW9050	Specific Conductivity	1610		UMHOS/CM
JS-16	DW201	13-May-98	SW9050	Specific Conductivity	2170		UMHOS/CM
JS-16	DW201	19-Aug-98	SW9050	Specific Conductivity	18.54		UMHOS/CM
JS-16	DW201	18-Nov-98	SW9050	Specific Conductivity	1371		UMHOS/CM
JS-16	DW201	10-Feb-99	SW9050	Specific Conductivity	1326		UMHOS/CM
JS-16	DW201	18-May-99	SW9050	Specific Conductivity	1501		UMHOS/CM
JS-16	DW201	10-Nov-99	SW9050	Specific Conductivity	1729		UMHOS/CM
JS-16	DW204	15-May-98	SW9050	Specific Conductivity	1590		UMHOS/CM
JS-4	DW223	17-Oct-94	SW9050	Specific Conductivity	1402		UMHOS/CM
JS-4	DW223	17-Jan-95	SW9050	Specific Conductivity	1330		UMHOS/CM
JS-4	DW223	22-Apr-95	SW9050	Specific Conductivity	1119		UMHOS/CM
JS-4	DW223	13-Jul-95	SW9050	Specific Conductivity	1210		UMHOS/CM

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-4	DW223	19-Oct-95	SW9050	Specific Conductivity	1162		UMHOS/CM
JS-4	DW223	26-Jan-96	SW9050	Specific Conductivity	1166		UMHOS/CM
JS-4	DW223	25-Apr-96	SW9050	Specific Conductivity	1374		UMHOS/CM
JS-4	DW223	18-Jul-96	SW9050	Specific Conductivity	1209		UMHOS/CM
JS-4	DW223	21-Oct-96	SW9050	Specific Conductivity	1162		UMHOS/CM
JS-4	DW223	12-Feb-97	SW9050	Specific Conductivity	987		UMHOS/CM
JS-4	DW223	15-May-97	SW9050	Specific Conductivity	974		UMHOS/CM
JS-4	DW223	23-Aug-97	SW9050	Specific Conductivity	1300		UMHOS/CM
JS-4	DW223	11-Nov-97	SW9050	Specific Conductivity	1480		UMHOS/CM
JS-4	DW223	14-Feb-98	SW9050	Specific Conductivity	1340		UMHOS/CM
JS-4	DW223	11-May-98	SW9050	Specific Conductivity	1180		UMHOS/CM
JS-4	DW223	20-Aug-98	SW9050	Specific Conductivity	1404		UMHOS/CM
JS-4	DW223	17-Nov-98	SW9050	Specific Conductivity	1140		UMHOS/CM
JS-4	DW223	11-Feb-99	SW9050	Specific Conductivity	980		UMHOS/CM
JS-4	DW223	21-May-99	SW9050	Specific Conductivity	1029		UMHOS/CM
JS-4	DW223	13-Aug-99	SW9050	Specific Conductivity	1294		UMHOS/CM
JS-4	DW223	12-Nov-99	SW9050	Specific Conductivity	1301		UMHOS/CM
JS-4	DW224	17-Oct-94	SW9050	Specific Conductivity	1186		UMHOS/CM
JS-4	DW224	17-Jan-95	SW9050	Specific Conductivity	1149		UMHOS/CM
JS-4	DW224	21-Apr-95	SW9050	Specific Conductivity	1006		UMHOS/CM
JS-4	DW224	13-Jul-95	SW9050	Specific Conductivity	930		UMHOS/CM
JS-4	DW224	19-Oct-95	SW9050	Specific Conductivity	958		UMHOS/CM
JS-4	DW224	26-Jan-96	SW9050	Specific Conductivity	1072		UMHOS/CM
JS-4	DW224	25-Apr-96	SW9050	Specific Conductivity	1188		UMHOS/CM
JS-4	DW224	19-Jul-96	SW9050	Specific Conductivity	1014		UMHOS/CM
JS-4	DW224	21-Oct-96	SW9050	Specific Conductivity	1059		UMHOS/CM
JS-4	DW224	13-Feb-97	SW9050	Specific Conductivity	999		UMHOS/CM
JS-4	DW224	15-May-97	SW9050	Specific Conductivity	918		UMHOS/CM
JS-4	DW224	23-Aug-97	SW9050	Specific Conductivity	1120		UMHOS/CM
JS-4	DW224	11-Nov-97	SW9050	Specific Conductivity	1220		UMHOS/CM
JS-4	DW224	14-Feb-98	SW9050	Specific Conductivity	1062		UMHOS/CM
JS-4	DW224	11-May-98	SW9050	Specific Conductivity	1005		UMHOS/CM
JS-4	DW224	20-Aug-98	SW9050	Specific Conductivity	1411		UMHOS/CM
JS-4	DW224	18-Nov-98	SW9050	Specific Conductivity	1050		UMHOS/CM
JS-4	DW224	11-Feb-99	SW9050	Specific Conductivity	941		UMHOS/CM
JS-4	DW224	13-Aug-99	SW9050	Specific Conductivity	1053		UMHOS/CM
JS-4	DW224	12-Nov-99	SW9050	Specific Conductivity	251		UMHOS/CM
JS-4	DW224-AF	13-Jul-95	SW9050	Specific Conductivity	930		UMHOS/CM
JS-16	DW229	17-Jul-96	SW9050	Specific Conductivity	1139		UMHOS/CM
JS-16	DW229	17-Oct-96	SW9050	Specific Conductivity	1220		UMHOS/CM
JS-16	DW229	13-Feb-97	SW9050	Specific Conductivity	970		UMHOS/CM
JS-16	DW229	13-May-97	SW9050	Specific Conductivity	1159		UMHOS/CM
JS-16	DW229	20-Aug-97	SW9050	Specific Conductivity	1116		UMHOS/CM
JS-16	DW229	10-Nov-97	SW9050	Specific Conductivity	1241		UMHOS/CM
JS-16	DW229	10-Feb-98	SW9050	Specific Conductivity	1150		UMHOS/CM
JS-16	DW229	13-May-98	SW9050	Specific Conductivity	1350		UMHOS/CM
JS-16	DW229	19-Aug-98	SW9050	Specific Conductivity	11.12		UMHOS/CM
JS-16	DW229	20-May-99	SW9050	Specific Conductivity	1087		UMHOS/CM
JS-16	DW229	11-Aug-99	SW9050	Specific Conductivity	1184		UMHOS/CM
JS-16	DW229	8-Nov-99	SW9050	Specific Conductivity	1029		UMHOS/CM
JS-16	DW230	18-Oct-94	SW9050	Specific Conductivity	1121		UMHOS/CM
JS-16	DW230	17-Jan-95	SW9050	Specific Conductivity	1073		UMHOS/CM
JS-16	DW230	18-Apr-95	SW9050	Specific Conductivity	1149		UMHOS/CM
JS-16	DW230	11-Jul-95	SW9050	Specific Conductivity	1008		UMHOS/CM
JS-16	DW230	18-Oct-95	SW9050	Specific Conductivity	955		UMHOS/CM
JS-16	DW230	24-Jan-96	SW9050	Specific Conductivity	989		UMHOS/CM
JS-16	DW230	24-Apr-96	SW9050	Specific Conductivity	1035		UMHOS/CM
JS-16	DW230	16-Jul-96	SW9050	Specific Conductivity	1019		UMHOS/CM
JS-16	DW230	17-Oct-96	SW9050	Specific Conductivity	1090		UMHOS/CM
JS-16	DW230	13-Feb-97	SW9050	Specific Conductivity	910		UMHOS/CM
JS-16	DW230	15-May-97	SW9050	Specific Conductivity	881		UMHOS/CM
JS-16	DW230	20-Aug-97	SW9050	Specific Conductivity	1115		UMHOS/CM
JS-16	DW230	10-Nov-97	SW9050	Specific Conductivity	1147		UMHOS/CM
JS-16	DW230	11-Feb-98	SW9050	Specific Conductivity	1100		UMHOS/CM
JS-16	DW230	13-May-98	SW9050	Specific Conductivity	1400		UMHOS/CM
JS-16	DW230	19-Aug-98	SW9050	Specific Conductivity	11.9		UMHOS/CM
JS-16	DW230	17-Nov-98	SW9050	Specific Conductivity	937		UMHOS/CM
JS-16	DW230	11-Feb-99	SW9050	Specific Conductivity	741		UMHOS/CM

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-16	DW230	18-May-99	SW9050	Specific Conductivity	937		UMHOS/CM
JS-16	DW230	11-Aug-99	SW9050	Specific Conductivity	1227		UMHOS/CM
JS-16	DW230	10-Nov-99	SW9050	Specific Conductivity	1019		UMHOS/CM
JS-16	DW231	23-Aug-97	SW9050	Specific Conductivity	1399		UMHOS/CM
JS-16	DW231	12-Nov-97	SW9050	Specific Conductivity	1503		UMHOS/CM
JS-16	DW231	10-Feb-98	SW9050	Specific Conductivity	1250		UMHOS/CM
JS-16	DW231	13-May-98	SW9050	Specific Conductivity	2090		UMHOS/CM
JS-16	DW231	19-Aug-98	SW9050	Specific Conductivity	16.41		UMHOS/CM
JS-16	DW231	10-Feb-99	SW9050	Specific Conductivity	1126		UMHOS/CM
JS-16	DW231	19-May-99	SW9050	Specific Conductivity	1415		UMHOS/CM
JS-16	DW231	11-Aug-99	SW9050	Specific Conductivity	1912		UMHOS/CM
JS-16	DW231	8-Nov-99	SW9050	Specific Conductivity	1411		UMHOS/CM
JS-4	DW234	17-Oct-94	SW9050	Specific Conductivity	1292		UMHOS/CM
JS-4	DW234	17-Jan-95	SW9050	Specific Conductivity	1392		UMHOS/CM
JS-4	DW234	20-Apr-95	SW9050	Specific Conductivity	1366		UMHOS/CM
JS-4	DW234	13-Jul-95	SW9050	Specific Conductivity	990		UMHOS/CM
JS-4	DW234	19-Oct-95	SW9050	Specific Conductivity	1397		UMHOS/CM
JS-4	DW234	26-Jan-96	SW9050	Specific Conductivity	1477		UMHOS/CM
JS-4	DW234	25-Apr-96	SW9050	Specific Conductivity	1460		UMHOS/CM
JS-4	DW234	18-Jul-96	SW9050	Specific Conductivity	1408		UMHOS/CM
JS-4	DW234	21-Oct-96	SW9050	Specific Conductivity	1366		UMHOS/CM
JS-4	DW234	12-Feb-97	SW9050	Specific Conductivity	1043		UMHOS/CM
JS-4	DW234	15-May-97	SW9050	Specific Conductivity	1060		UMHOS/CM
JS-4	DW234	23-Aug-97	SW9050	Specific Conductivity	1520		UMHOS/CM
JS-4	DW234	14-Nov-97	SW9050	Specific Conductivity	1400		UMHOS/CM
JS-4	DW234	12-Feb-98	SW9050	Specific Conductivity	1490		UMHOS/CM
JS-4	DW234	21-Aug-98	SW9050	Specific Conductivity	1220		UMHOS/CM
JS-4	DW234	18-Nov-98	SW9050	Specific Conductivity	1270		UMHOS/CM
JS-4	DW234	11-Feb-99	SW9050	Specific Conductivity	1178		UMHOS/CM
JS-4	DW234	13-Aug-99	SW9050	Specific Conductivity	1312		UMHOS/CM
JS-4	DW234	9-Nov-99	SW9050	Specific Conductivity	1750		UMHOS/CM
JS-4	DW236	18-Jul-96	SW9050	Specific Conductivity	1127		UMHOS/CM
JS-4	DW236	13-Feb-97	SW9050	Specific Conductivity	1035		UMHOS/CM
JS-4	DW236	15-May-97	SW9050	Specific Conductivity	975		UMHOS/CM
JS-4	DW236	23-Aug-97	SW9050	Specific Conductivity	1196		UMHOS/CM
JS-4	DW236	11-Nov-97	SW9050	Specific Conductivity	1400		UMHOS/CM
JS-4	DW236	14-Feb-98	SW9050	Specific Conductivity	1080		UMHOS/CM
JS-4	DW236	11-May-98	SW9050	Specific Conductivity	1128		UMHOS/CM
JS-4	DW236	21-Aug-98	SW9050	Specific Conductivity	1136		UMHOS/CM
JS-4	DW236	18-Nov-98	SW9050	Specific Conductivity	1100		UMHOS/CM
JS-4	DW236	11-Feb-99	SW9050	Specific Conductivity	915		UMHOS/CM
JS-4	DW236	13-Aug-99	SW9050	Specific Conductivity	1307		UMHOS/CM
JS-4	DW236	12-Nov-99	SW9050	Specific Conductivity	226		UMHOS/CM
JS-4	DW243	12-May-98	SW9050	Specific Conductivity	1774		UMHOS/CM
JS-4	DW243	11-Aug-99	SW9050	Specific Conductivity	1160		UMHOS/CM
JS-16	DW253	19-Apr-95	SW9050	Specific Conductivity	1250		UMHOS/CM
JS-16	DW254	18-Oct-94	SW9050	Specific Conductivity	1206		UMHOS/CM
JS-16	DW254	19-Jan-95	SW9050	Specific Conductivity	1288		UMHOS/CM
JS-16	DW254	21-Apr-95	SW9050	Specific Conductivity	1035		UMHOS/CM
JS-16	DW254	14-Jul-95	SW9050	Specific Conductivity	1305		UMHOS/CM
JS-16	DW257	17-Jul-96	SW9050	Specific Conductivity	1360		UMHOS/CM
JS-16	DW267	17-Oct-95	SW9050	Specific Conductivity	1506		UMHOS/CM
JS-16	DW275	19-Oct-95	SW9050	Specific Conductivity	1005		UMHOS/CM
JS-16	DW275	25-Apr-96	SW9050	Specific Conductivity	1545		UMHOS/CM
JS-16	DW279	19-Jan-95	SW9050	Specific Conductivity	1865		UMHOS/CM
JS-16	DW279	19-Apr-95	SW9050	Specific Conductivity	1790		UMHOS/CM
JS-16	DW279	18-Oct-95	SW9050	Specific Conductivity	1646		UMHOS/CM
JS-16	DW279	24-Jan-96	SW9050	Specific Conductivity	1530		UMHOS/CM
JS-16	DW279	23-Apr-96	SW9050	Specific Conductivity	1830		UMHOS/CM
JS-16	DW279	17-Jul-96	SW9050	Specific Conductivity	1822		UMHOS/CM
JS-16	DW279	17-Oct-96	SW9050	Specific Conductivity	2060		UMHOS/CM
JS-16	DW281	11-Feb-97	SW9050	Specific Conductivity	1100		UMHOS/CM
JS-16	DW282	20-Apr-95	SW9050	Specific Conductivity	1821		UMHOS/CM
JS-16	DW282	13-Jul-95	SW9050	Specific Conductivity	1704		UMHOS/CM
JS-16	DW282	20-Oct-95	SW9050	Specific Conductivity	1740		UMHOS/CM
JS-16	DW282	23-Jan-96	SW9050	Specific Conductivity	1835		UMHOS/CM
JS-16	DW282	23-Apr-96	SW9050	Specific Conductivity	1605		UMHOS/CM
JS-16	DW294	23-Jan-96	SW9050	Specific Conductivity	1596		UMHOS/CM

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JS-16	DW294	23-Apr-96	SW9050	Specific Conductivity	1543		UMHOS/CM
JS-16	DW294	18-May-97	SW9050	Specific Conductivity	1613		UMHOS/CM
JS-16	DW294	21-Aug-97	SW9050	Specific Conductivity	1715		UMHOS/CM
JS-16	DW294	11-Nov-97	SW9050	Specific Conductivity	1.99		UMHOS/CM
JS-16	DW294	18-May-99	SW9050	Specific Conductivity	1240		UMHOS/CM
JS-16	DW305	10-Feb-99	SW9050	Specific Conductivity	909		UMHOS/CM
JS-16	DW305	10-Aug-99	SW9050	Specific Conductivity	979		UMHOS/CM
JS-4	DW327	15-May-97	SW9050	Specific Conductivity	889		UMHOS/CM
JS-4	DW327	23-Aug-97	SW9050	Specific Conductivity	1110		UMHOS/CM
JS-4	DW327	18-Nov-98	SW9050	Specific Conductivity	1030		UMHOS/CM
JS-4	DW327	20-May-99	SW9050	Specific Conductivity	1052		UMHOS/CM
JS-4	DW327	13-Aug-99	SW9050	Specific Conductivity	1162		UMHOS/CM
JS-18	DW331	17-Jul-95	SW9050	Specific Conductivity	1032		UMHOS/CM
JS-18	DW333	22-Oct-95	SW9050	Specific Conductivity	965		UMHOS/CM
JS-18	DW333	29-Jan-96	SW9050	Specific Conductivity	1296		UMHOS/CM
JS-18	DW333	27-Apr-96	SW9050	Specific Conductivity	779		UMHOS/CM
JS-18	DW333	21-Jul-96	SW9050	Specific Conductivity	1179		UMHOS/CM
JS-18	DW333	20-Oct-96	SW9050	Specific Conductivity	864		UMHOS/CM
JS-18	DW333	24-Aug-97	SW9050	Specific Conductivity	1360		UMHOS/CM
JS-18	DW333	13-Feb-98	SW9050	Specific Conductivity	800		UMHOS/CM
JS-18	DW333	12-May-98	SW9050	Specific Conductivity	1265		UMHOS/CM
JS-18	DW333	20-Nov-98	SW9050	Specific Conductivity	905		UMHOS/CM
JS-18	DW333	12-Aug-99	SW9050	Specific Conductivity	1134		UMHOS/CM
JS-16	DW363	20-Apr-95	SW9050	Specific Conductivity	1336		UMHOS/CM
JS-16	DW363	13-Jul-95	SW9050	Specific Conductivity	1317		UMHOS/CM
JS-16	DW363	20-Oct-95	SW9050	Specific Conductivity	1381		UMHOS/CM
JS-16	DW363	25-Jan-96	SW9050	Specific Conductivity	1290		UMHOS/CM
JS-16	DW366	20-Oct-94	SW9050	Specific Conductivity	1652		UMHOS/CM
JS-16	DW366	20-Jan-95	SW9050	Specific Conductivity	1690		UMHOS/CM
JS-16	DW367	20-Jan-95	SW9050	Specific Conductivity	1013		UMHOS/CM
JS-16	DW367	22-Apr-95	SW9050	Specific Conductivity	1065		UMHOS/CM
JS-16	DW367	14-Jul-95	SW9050	Specific Conductivity	1301		UMHOS/CM
JS-16	DW367	19-Oct-95	SW9050	Specific Conductivity	829		UMHOS/CM
JS-16	DW367	27-Jan-96	SW9050	Specific Conductivity	1160		UMHOS/CM
JS-16	DW367	27-Apr-96	SW9050	Specific Conductivity	964		UMHOS/CM
JS-16	DW367	17-Jul-96	SW9050	Specific Conductivity	1342		UMHOS/CM
JS-16	DW367	18-Oct-96	SW9050	Specific Conductivity	1300		UMHOS/CM
JS-16	DW367	15-Feb-97	SW9050	Specific Conductivity	1300		UMHOS/CM
JS-16	DW367	16-May-97	SW9050	Specific Conductivity	1096		UMHOS/CM
JS-16	DW367	20-Aug-97	SW9050	Specific Conductivity	1352		UMHOS/CM
JS-16	DW367	11-Nov-97	SW9050	Specific Conductivity	972		UMHOS/CM
JS-16	DW367	13-Feb-98	SW9050	Specific Conductivity	1000		UMHOS/CM
JS-16	DW370	20-Aug-98	SW9050	Specific Conductivity	9.66		UMHOS/CM
JS-16	DW370	18-Nov-98	SW9050	Specific Conductivity	840		UMHOS/CM
JS-19	DW372	19-Nov-98	SW9050	Specific Conductivity	946		UMHOS/CM
JS-19	DW378	24-Jan-95	SW9050	Specific Conductivity	1450		UMHOS/CM
JS-19	DW378	25-Apr-95	SW9050	Specific Conductivity	1580		UMHOS/CM
JS-19	DW378	17-Jul-95	SW9050	Specific Conductivity	1829		UMHOS/CM
JS-19	DW378	20-Oct-95	SW9050	Specific Conductivity	1640		UMHOS/CM
JS-19	DW378	26-Apr-96	SW9050	Specific Conductivity	404		UMHOS/CM
JS-19	DW378	22-Jul-96	SW9050	Specific Conductivity	1636		UMHOS/CM
JS-19	DW378	21-Oct-96	SW9050	Specific Conductivity	1850		UMHOS/CM
JS-19	DW378	13-Feb-97	SW9050	Specific Conductivity	1270		UMHOS/CM
JS-19	DW378	21-Aug-97	SW9050	Specific Conductivity	1808		UMHOS/CM
JS-19	DW378	12-Nov-97	SW9050	Specific Conductivity	1147		UMHOS/CM
JS-19	DW378	12-Feb-99	SW9050	Specific Conductivity	725		UMHOS/CM
JS-16	DW383	21-Oct-94	SW9050	Specific Conductivity	1171		UMHOS/CM
JS-16	DW383	18-Jan-95	SW9050	Specific Conductivity	1003		UMHOS/CM
JS-16	DW383	12-Nov-97	SW9050	Specific Conductivity	1017		UMHOS/CM
JS-16	DW384	17-Nov-98	SW9050	Specific Conductivity	1379		UMHOS/CM
JS-16	DW386	18-Oct-95	SW9050	Specific Conductivity	1136		UMHOS/CM
JS-16	DW386	14-May-97	SW9050	Specific Conductivity	1480		UMHOS/CM
JS-16	DW386	24-Aug-97	SW9050	Specific Conductivity	1660		UMHOS/CM
JS-16	DW386	14-May-98	SW9050	Specific Conductivity	1480		UMHOS/CM
JS-16	DW386	11-Aug-99	SW9050	Specific Conductivity	1375		UMHOS/CM
JS-18	DW392	21-Oct-94	SW9050	Specific Conductivity	948		UMHOS/CM
JS-18	DW392	20-Jan-95	SW9050	Specific Conductivity	984		UMHOS/CM
JS-18	DW392	23-Apr-95	SW9050	Specific Conductivity	782		UMHOS/CM

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JS-18	DW392	16-Jul-95	SW9050	Specific Conductivity	927		UMHOS/CM
JS-18	DW392	22-Oct-95	SW9050	Specific Conductivity	932		UMHOS/CM
JS-18	DW392	29-Jan-96	SW9050	Specific Conductivity	1307		UMHOS/CM
JS-18	DW392	27-Apr-96	SW9050	Specific Conductivity	790		UMHOS/CM
JS-18	DW392	21-Jul-96	SW9050	Specific Conductivity	923		UMHOS/CM
JS-18	DW392	17-Oct-96	SW9050	Specific Conductivity	930		UMHOS/CM
JS-18	DW392	16-Feb-97	SW9050	Specific Conductivity	734		UMHOS/CM
JS-18	DW392	16-May-97	SW9050	Specific Conductivity	794		UMHOS/CM
JS-18	DW392	24-Aug-97	SW9050	Specific Conductivity	1000		UMHOS/CM
JS-18	DW392	13-Nov-97	SW9050	Specific Conductivity	1280		UMHOS/CM
JS-18	DW392	13-Feb-98	SW9050	Specific Conductivity	950		UMHOS/CM
JS-18	DW392	12-May-98	SW9050	Specific Conductivity	1206		UMHOS/CM
JS-18	DW392	20-Aug-98	SW9050	Specific Conductivity	912		UMHOS/CM
JS-19	DW403	21-Jan-95	SW9050	Specific Conductivity	1827		UMHOS/CM
JS-17	DW415	20-Oct-95	SW9050	Specific Conductivity	1208		UMHOS/CM
JS-17	DW415	26-Apr-96	SW9050	Specific Conductivity	1298		UMHOS/CM
JS-17	DW415	22-Jul-96	SW9050	Specific Conductivity	1319		UMHOS/CM
JS-17	DW415	14-Feb-97	SW9050	Specific Conductivity	1273		UMHOS/CM
JS-17	DW415	16-May-97	SW9050	Specific Conductivity	960		UMHOS/CM
JS-17	DW415	21-Aug-97	SW9050	Specific Conductivity	1156		UMHOS/CM
JS-17	DW415	14-Nov-97	SW9050	Specific Conductivity	2250		UMHOS/CM
JS-17	DW415	12-Feb-98	SW9050	Specific Conductivity	1250		UMHOS/CM
JS-17	DW415	12-May-98	SW9050	Specific Conductivity	1821		UMHOS/CM
JS-17	DW415	19-Nov-98	SW9050	Specific Conductivity	1360		UMHOS/CM
JS-17	DW415	11-Feb-99	SW9050	Specific Conductivity	934		UMHOS/CM
JS-17	DW423	19-Oct-94	SW9050	Specific Conductivity	1062		UMHOS/CM
JS-17	DW423	18-Jan-95	SW9050	Specific Conductivity	955		UMHOS/CM
JS-17	DW423	23-Apr-95	SW9050	Specific Conductivity	973		UMHOS/CM
JS-17	DW423	14-Jul-95	SW9050	Specific Conductivity	914		UMHOS/CM
JS-17	DW423	20-Oct-95	SW9050	Specific Conductivity	1055		UMHOS/CM
JS-17	DW423	29-Jan-96	SW9050	Specific Conductivity	992		UMHOS/CM
JS-17	DW423	26-Apr-96	SW9050	Specific Conductivity	1088		UMHOS/CM
JS-17	DW423	14-Feb-97	SW9050	Specific Conductivity	950		UMHOS/CM
JS-17	DW423	17-May-97	SW9050	Specific Conductivity	948		UMHOS/CM
JS-17	DW423	22-Aug-97	SW9050	Specific Conductivity	1200		UMHOS/CM
JS-17	DW423	14-Nov-97	SW9050	Specific Conductivity	1500		UMHOS/CM
JS-17	DW423	15-Feb-98	SW9050	Specific Conductivity	1020		UMHOS/CM
JS-17	DW423	12-May-98	SW9050	Specific Conductivity	1410		UMHOS/CM
JS-17	DW423	19-Nov-98	SW9050	Specific Conductivity	980		UMHOS/CM
JS-17	DW423	19-May-99	SW9050	Specific Conductivity	859		UMHOS/CM
JS-17	DW423	11-Aug-99	SW9050	Specific Conductivity	1101		UMHOS/CM
JS-17	DW423	11-Nov-99	SW9050	Specific Conductivity	1013		UMHOS/CM
JS-17	DW423-AF	18-Jan-95	SW9050	Specific Conductivity	955		UMHOS/CM
JS-17	DW424	19-Oct-94	SW9050	Specific Conductivity	984		UMHOS/CM
JS-17	DW424	18-Jan-95	SW9050	Specific Conductivity	885		UMHOS/CM
JS-17	DW424	23-Apr-95	SW9050	Specific Conductivity	1045		UMHOS/CM
JS-17	DW424	14-Jul-95	SW9050	Specific Conductivity	973		UMHOS/CM
JS-17	DW424	20-Oct-95	SW9050	Specific Conductivity	1142		UMHOS/CM
JS-17	DW424	29-Jan-96	SW9050	Specific Conductivity	1065		UMHOS/CM
JS-17	DW424	26-Apr-96	SW9050	Specific Conductivity	1155		UMHOS/CM
JS-17	DW424	20-Jul-96	SW9050	Specific Conductivity	1022		UMHOS/CM
JS-17	DW424	20-Oct-96	SW9050	Specific Conductivity	920		UMHOS/CM
JS-17	DW424	14-Feb-97	SW9050	Specific Conductivity	963		UMHOS/CM
JS-17	DW424	17-May-97	SW9050	Specific Conductivity	975		UMHOS/CM
JS-17	DW424	20-Aug-97	SW9050	Specific Conductivity	950		UMHOS/CM
JS-17	DW424	14-Nov-97	SW9050	Specific Conductivity	1350		UMHOS/CM
JS-17	DW424	15-Feb-98	SW9050	Specific Conductivity	1081		UMHOS/CM
JS-17	DW424	13-May-98	SW9050	Specific Conductivity	1364		UMHOS/CM
JS-17	DW424	19-Aug-98	SW9050	Specific Conductivity	144		UMHOS/CM
JS-17	DW424	19-Nov-98	SW9050	Specific Conductivity	1060		UMHOS/CM
JS-17	DW424	10-Feb-99	SW9050	Specific Conductivity	762		UMHOS/CM
JS-17	DW424	19-May-99	SW9050	Specific Conductivity	899		UMHOS/CM
JS-17	DW424	11-Aug-99	SW9050	Specific Conductivity	1088		UMHOS/CM
JS-17	DW424	11-Nov-99	SW9050	Specific Conductivity	1159		UMHOS/CM
JS-17	DW425	20-Oct-94	SW9050	Specific Conductivity	1058		UMHOS/CM
JS-17	DW425	18-Jan-95	SW9050	Specific Conductivity	755		UMHOS/CM
JS-17	DW425	22-Apr-95	SW9050	Specific Conductivity	1808		UMHOS/CM
JS-17	DW425	15-Jul-95	SW9050	Specific Conductivity	813		UMHOS/CM

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-17	DW425	20-Oct-95	SW9050	Specific Conductivity	1016		UMHOS/CM
JS-17	DW425	28-Jan-96	SW9050	Specific Conductivity	1593		UMHOS/CM
JS-17	DW425	26-Apr-96	SW9050	Specific Conductivity	1047		UMHOS/CM
JS-17	DW425	20-Jul-96	SW9050	Specific Conductivity	969		UMHOS/CM
JS-17	DW425	20-Oct-96	SW9050	Specific Conductivity	1025		UMHOS/CM
JS-17	DW425	15-Feb-97	SW9050	Specific Conductivity	1144		UMHOS/CM
JS-17	DW425	17-May-97	SW9050	Specific Conductivity	974		UMHOS/CM
JS-17	DW425	21-Aug-97	SW9050	Specific Conductivity	990		UMHOS/CM
JS-17	DW425	15-Nov-97	SW9050	Specific Conductivity	1030		UMHOS/CM
JS-17	DW425	15-Feb-98	SW9050	Specific Conductivity	986		UMHOS/CM
JS-17	DW425	11-May-98	SW9050	Specific Conductivity	1089		UMHOS/CM
JS-17	DW425	20-Aug-98	SW9050	Specific Conductivity	1100		UMHOS/CM
JS-17	DW425	19-Nov-98	SW9050	Specific Conductivity	1030		UMHOS/CM
JS-17	DW425	11-Feb-99	SW9050	Specific Conductivity	897		UMHOS/CM
JS-17	DW425	20-May-99	SW9050	Specific Conductivity	877		UMHOS/CM
JS-17	DW425	11-Aug-99	SW9050	Specific Conductivity	1090		UMHOS/CM
JS-17	DW425	11-Nov-99	SW9050	Specific Conductivity	1022		UMHOS/CM
JS-18	DW442	16-Jul-95	SW9050	Specific Conductivity	1330		UMHOS/CM
JS-18	DW442	22-Oct-95	SW9050	Specific Conductivity	1241		UMHOS/CM
JS-18	DW442	27-Jan-96	SW9050	Specific Conductivity	1840		UMHOS/CM
JS-18	DW442	27-Apr-96	SW9050	Specific Conductivity	1132		UMHOS/CM
JS-18	DW442	21-Jul-96	SW9050	Specific Conductivity	1272		UMHOS/CM
JS-18	DW442	19-Oct-96	SW9050	Specific Conductivity	1310		UMHOS/CM
JS-18	DW442	16-Feb-97	SW9050	Specific Conductivity	1015		UMHOS/CM
JS-18	DW442	17-May-97	SW9050	Specific Conductivity	1149		UMHOS/CM
JS-18	DW442	22-Aug-97	SW9050	Specific Conductivity	1480		UMHOS/CM
JS-18	DW442	13-Nov-97	SW9050	Specific Conductivity	1140		UMHOS/CM
JS-18	DW442	15-Feb-98	SW9050	Specific Conductivity	1241		UMHOS/CM
JS-18	DW442	12-May-98	SW9050	Specific Conductivity	1705		UMHOS/CM
JS-18	DW442	20-Aug-98	SW9050	Specific Conductivity	1436		UMHOS/CM
JS-18	DW442	20-Nov-98	SW9050	Specific Conductivity	1379		UMHOS/CM
JS-18	DW442	9-Feb-99	SW9050	Specific Conductivity	1060		UMHOS/CM
JS-18	DW442	20-May-99	SW9050	Specific Conductivity	1084		UMHOS/CM
JS-18	DW442	12-Aug-99	SW9050	Specific Conductivity	1380		UMHOS/CM
JS-18	DW442	12-Nov-99	SW9050	Specific Conductivity	1393		UMHOS/CM
JS-17	DW444	13-Feb-97	SW9050	Specific Conductivity	812		UMHOS/CM
JS-16	DW446	14-May-97	SW9050	Specific Conductivity	1111		UMHOS/CM
JS-16	DW450	20-Aug-98	SW9050	Specific Conductivity	13.98		UMHOS/CM
JS-16	DW452	20-Aug-98	SW9050	Specific Conductivity	14.45		UMHOS/CM
JS-16	DW452	9-Nov-99	SW9050	Specific Conductivity	1328		UMHOS/CM
JS-19	DW457	25-Apr-95	SW9050	Specific Conductivity	950		UMHOS/CM
JS-19	DW458	23-Oct-95	SW9050	Specific Conductivity	870		UMHOS/CM
JS-19	DW458	13-Feb-97	SW9050	Specific Conductivity	920		UMHOS/CM
JS-19	DW458	15-May-97	SW9050	Specific Conductivity	840		UMHOS/CM
JS-19	DW458	21-Aug-97	SW9050	Specific Conductivity	1044		UMHOS/CM
JS-19	DW458	12-Nov-97	SW9050	Specific Conductivity	1021		UMHOS/CM
JS-19	DW458	13-Feb-98	SW9050	Specific Conductivity	1010		UMHOS/CM
JS-19	DW458	16-May-98	SW9050	Specific Conductivity	1400		UMHOS/CM
JS-19	DW458	19-Nov-98	SW9050	Specific Conductivity	1073		UMHOS/CM
JS-19	DW458	11-Feb-99	SW9050	Specific Conductivity	725		UMHOS/CM
JS-19	DW458	20-May-99	SW9050	Specific Conductivity	887		UMHOS/CM
JS-19	DW458	12-Aug-99	SW9050	Specific Conductivity	1004		UMHOS/CM
JS-19	DW458	8-Nov-99	SW9050	Specific Conductivity	894		UMHOS/CM
JS-17	DW474	26-Apr-96	SW9050	Specific Conductivity	1558		UMHOS/CM
JS-17	DW474	20-Oct-96	SW9050	Specific Conductivity	1495		UMHOS/CM
JS-17	DW474	12-Feb-97	SW9050	Specific Conductivity	1194		UMHOS/CM
JS-17	DW474	16-May-97	SW9050	Specific Conductivity	1058		UMHOS/CM
JS-17	DW474	22-Aug-97	SW9050	Specific Conductivity	1800		UMHOS/CM
JS-17	DW474	13-Nov-97	SW9050	Specific Conductivity	1820		UMHOS/CM
JS-17	DW474	12-Feb-98	SW9050	Specific Conductivity	1434		UMHOS/CM
JS-17	DW474	13-May-98	SW9050	Specific Conductivity	2140		UMHOS/CM
JS-17	DW474	20-Aug-98	SW9050	Specific Conductivity	120		UMHOS/CM
JS-17	DW474	19-Nov-98	SW9050	Specific Conductivity	1540		UMHOS/CM
JS-17	DW474	11-Feb-99	SW9050	Specific Conductivity	828		UMHOS/CM
JS-17	DW474	18-May-99	SW9050	Specific Conductivity	1234		UMHOS/CM
JS-17	DW474	11-Aug-99	SW9050	Specific Conductivity	1658		UMHOS/CM
JS-17	DW474	10-Nov-99	SW9050	Specific Conductivity	1467		UMHOS/CM
JS-17	DW837	28-Apr-96	SW9050	Specific Conductivity	1003		UMHOS/CM

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-17	DW837	20-Jul-96	SW9050	Specific Conductivity	1130		UMHOS/CM
JS-17	DW837	15-Oct-96	SW9050	Specific Conductivity	1095		UMHOS/CM
JS-17	DW837	15-Feb-97	SW9050	Specific Conductivity	1042		UMHOS/CM
JS-17	DW837	15-May-97	SW9050	Specific Conductivity	919		UMHOS/CM
JS-17	DW837	21-Aug-97	SW9050	Specific Conductivity	1056		UMHOS/CM
JS-17	DW837	14-Nov-97	SW9050	Specific Conductivity	950		UMHOS/CM
JS-17	DW837	15-Feb-98	SW9050	Specific Conductivity	1188		UMHOS/CM
JS-17	DW837	12-May-98	SW9050	Specific Conductivity	1522		UMHOS/CM
JS-17	DW837	20-May-99	SW9050	Specific Conductivity	951		UMHOS/CM
JS-17	DW837	11-Aug-99	SW9050	Specific Conductivity	1278		UMHOS/CM
JS-17	DW837	10-Nov-99	SW9050	Specific Conductivity	245		UMHOS/CM
JS-17	DW848	17-Feb-97	SW9050	Specific Conductivity	1557		UMHOS/CM
JS-17	DW848	18-May-97	SW9050	Specific Conductivity	1245		UMHOS/CM
JS-17	DW848	22-Aug-97	SW9050	Specific Conductivity	1920		UMHOS/CM
JS-17	DW848	14-Nov-97	SW9050	Specific Conductivity	1710		UMHOS/CM
JS-17	DW848	12-Feb-98	SW9050	Specific Conductivity	1754		UMHOS/CM
JS-17	DW848	13-May-98	SW9050	Specific Conductivity	2000		UMHOS/CM
JS-17	DW848	19-Aug-98	SW9050	Specific Conductivity	1772		UMHOS/CM
JS-17	DW848	19-Nov-98	SW9050	Specific Conductivity	1310		UMHOS/CM
JS-17	DW848	10-Feb-99	SW9050	Specific Conductivity	1438		UMHOS/CM
JS-17	DW848	18-May-99	SW9050	Specific Conductivity	1161		UMHOS/CM
JS-17	DW848	11-Aug-99	SW9050	Specific Conductivity	1550		UMHOS/CM
JS-17	DW848	10-Nov-99	SW9050	Specific Conductivity	2010		UMHOS/CM
JS-16	DW849	11-Feb-99	SW9050	Specific Conductivity	877		UMHOS/CM
JS-16	DW849	12-Aug-99	SW9050	Specific Conductivity	1401		UMHOS/CM
JS-17	DW851	19-May-99	SW9050	Specific Conductivity	904		UMHOS/CM
JS-17	DW860	24-Aug-97	SW9050	Specific Conductivity	1570		UMHOS/CM
JS-17	DW860	14-Nov-97	SW9050	Specific Conductivity	980		UMHOS/CM
JS-17	DW860	11-Feb-98	SW9050	Specific Conductivity	993		UMHOS/CM
JS-17	DW860	12-May-98	SW9050	Specific Conductivity	1495		UMHOS/CM
JS-17	DW860	19-Aug-98	SW9050	Specific Conductivity	1097		UMHOS/CM
JS-17	DW860	12-Feb-99	SW9050	Specific Conductivity	738		UMHOS/CM
JS-17	DW860	19-May-99	SW9050	Specific Conductivity	910		UMHOS/CM
JS-17	DW860	11-Aug-99	SW9050	Specific Conductivity	1188		UMHOS/CM
JS-17	DW860	11-Nov-99	SW9050	Specific Conductivity	1320		UMHOS/CM
JS-16	DW864	15-May-98	SW9050	Specific Conductivity	1440		UMHOS/CM
TOWER	EW-5	6-Apr-97	SW9050	Specific Conductivity	1.84		mmhos/cm
TOWER	EW-P15L	19-Jun-96	SW9050	Specific Conductivity	1.236		mmhos/cm
TOWER	EW-P15L	8-Oct-96	SW9050	Specific Conductivity	1.177		mmhos/cm
TOWER	EW-P15L	11-Jan-97	SW9050	Specific Conductivity	1.443		mmhos/cm
TOWER	EW-P15L	21-Apr-97	SW9050	Specific Conductivity	1.142		mmhos/cm
TOWER	EW-P15L	16-Jul-97	SW9050	Specific Conductivity	0.815		mmhos/cm
TOWER	EW-P15L	15-Oct-97	SW9050	Specific Conductivity	1.413		mmhos/cm
TOWER	EW-P15L	13-Jan-98	SW9050	Specific Conductivity	1.259		mmhos/cm
TOWER	EW-P15L	16-Apr-98	SW9050	Specific Conductivity	1.19		mmhos/cm
TOWER	EW-P15L	14-Jul-98	SW9050	Specific Conductivity	1.239		ms/cm
TOWER	EW-P15L	14-Oct-98	SW9050	Specific Conductivity	1.47		ms/cm
TOWER	EW-P15L	12-Jan-99	SW9050	Specific Conductivity	1.243		ms/cm
TOWER	EW-P15L	13-Apr-99	SW9050	Specific Conductivity	1.66		UMHOS/CM
TOWER	EW-P15L	14-Jul-99	SW9050	Specific Conductivity	1.369		UMHOS/CM
TOWER	EW-P15L	15-Oct-99	SW9050	Specific Conductivity	1326		UMHOS/CM
TOWER	EW-P15L	13-Jan-00	SW9050	Specific Conductivity	1445		UMHOS/CM
TOWER	EW-P15U	19-Jun-96	SW9050	Specific Conductivity	1.306		mmhos/cm
TOWER	EW-P15U	8-Oct-96	SW9050	Specific Conductivity	1.233		mmhos/cm
TOWER	EW-P15U	10-Jan-97	SW9050	Specific Conductivity	1.12		mmhos/cm
TOWER	EW-P15U	9-Apr-97	SW9050	Specific Conductivity	1.61		mmhos/cm
TOWER	EW-P15U	16-Jul-97	SW9050	Specific Conductivity	1.28		mmhos/cm
TOWER	EW-P15U	15-Oct-97	SW9050	Specific Conductivity	1.152		mmhos/cm
TOWER	EW-P15U	13-Jan-98	SW9050	Specific Conductivity	1.269		mmhos/cm
TOWER	EW-P15U	14-Apr-98	SW9050	Specific Conductivity	1.426		mmhos/cm
TOWER	EW-P15U	14-Jul-98	SW9050	Specific Conductivity	1.222		ms/cm
TOWER	EW-P15U	13-Oct-98	SW9050	Specific Conductivity	1.55		ms/cm
TOWER	EW-P15U	12-Jan-99	SW9050	Specific Conductivity	1.247		ms/cm
TOWER	EW-P15U	13-Apr-99	SW9050	Specific Conductivity	1.481		UMHOS/CM
TOWER	EW-P15U	14-Jul-99	SW9050	Specific Conductivity	1.373		UMHOS/CM
TOWER	EW-P15U	15-Oct-99	SW9050	Specific Conductivity	1325		UMHOS/CM
TOWER	IR-1	10-Jun-94	SW9050	Specific Conductivity	1.92		mmhos/cm
TOWER	IR-1	19-Sep-94	SW9050	Specific Conductivity	1.61		mmhos/cm

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TOWER	IR-2	10-Jun-94	SW9050	Specific Conductivity	1.84		mmhos/cm
TOWER	IR-2	20-Sep-94	SW9050	Specific Conductivity	1.58		mmhos/cm
JS-18	IR352	21-Oct-94	SW9050	Specific Conductivity	933		UMHOS/CM
JS-18	IR352	21-Jan-95	SW9050	Specific Conductivity	879		UMHOS/CM
JS-18	IR352	19-Jul-95	SW9050	Specific Conductivity	1007		UMHOS/CM
JS-18	IR352	22-Oct-95	SW9050	Specific Conductivity	850		UMHOS/CM
JS-18	IR441	21-Oct-94	SW9050	Specific Conductivity	1357		UMHOS/CM
JS-18	IR441	21-Jan-95	SW9050	Specific Conductivity	1358		UMHOS/CM
JS-18	IR441	24-Apr-95	SW9050	Specific Conductivity	817		UMHOS/CM
JS-18	IR441	16-Jul-95	SW9050	Specific Conductivity	1385		UMHOS/CM
JS-18	IR441	22-Oct-95	SW9050	Specific Conductivity	1384		UMHOS/CM
JS-18	IR441	29-Jan-96	SW9050	Specific Conductivity	1220		UMHOS/CM
JS-18	IR441	18-Oct-96	SW9050	Specific Conductivity	1344		UMHOS/CM
JS-18	IR441	16-Feb-97	SW9050	Specific Conductivity	985		UMHOS/CM
JS-18	IR441	16-May-97	SW9050	Specific Conductivity	598		UMHOS/CM
JS-18	IR441	15-May-98	SW9050	Specific Conductivity	1500		UMHOS/CM
JS-18	IR441	10-Feb-99	SW9050	Specific Conductivity	828		UMHOS/CM
JS-18	IR441	20-May-99	SW9050	Specific Conductivity	999		UMHOS/CM
JS-18	IR441	12-Aug-99	SW9050	Specific Conductivity	1372		UMHOS/CM
JS-18	IR441	12-Nov-99	SW9050	Specific Conductivity	1278		UMHOS/CM
JS-18	IR441-AF	22-Oct-95	SW9050	Specific Conductivity	1322		UMHOS/CM
JS-18	IR442	21-Oct-94	SW9050	Specific Conductivity	1214		UMHOS/CM
JS-18	IR442	21-Jan-95	SW9050	Specific Conductivity	1302		UMHOS/CM
JS-18	IR442	25-Apr-95	SW9050	Specific Conductivity	1340		UMHOS/CM
JS-18	IR471	20-Oct-94	SW9050	Specific Conductivity	1195		UMHOS/CM
JS-18	IR471	20-Jan-95	SW9050	Specific Conductivity	1223		UMHOS/CM
JS-18	IR471	23-Apr-95	SW9050	Specific Conductivity	1059		UMHOS/CM
JS-18	IR471	17-Jul-95	SW9050	Specific Conductivity	1045		UMHOS/CM
JS-18	IR471	22-Oct-95	SW9050	Specific Conductivity	1203		UMHOS/CM
JS-18	IR471	29-Jan-96	SW9050	Specific Conductivity	1231		UMHOS/CM
JS-18	IR471	27-Apr-96	SW9050	Specific Conductivity	1014		UMHOS/CM
JS-18	IR471	21-Jul-96	SW9050	Specific Conductivity	1193		UMHOS/CM
JS-18	IR471	20-Oct-96	SW9050	Specific Conductivity	1223		UMHOS/CM
JS-18	IR471	16-Feb-97	SW9050	Specific Conductivity	1014		UMHOS/CM
JS-18	IR471	18-May-97	SW9050	Specific Conductivity	1020		UMHOS/CM
JS-18	IR471	22-Aug-97	SW9050	Specific Conductivity	1330		UMHOS/CM
JS-18	IR471	15-Nov-97	SW9050	Specific Conductivity	1140		UMHOS/CM
JS-18	IR471	13-Feb-98	SW9050	Specific Conductivity	1234		UMHOS/CM
JS-18	IR471	15-May-98	SW9050	Specific Conductivity	1620		UMHOS/CM
JS-18	IR471	21-Aug-98	SW9050	Specific Conductivity	1105		UMHOS/CM
JS-18	IR471	18-Nov-98	SW9050	Specific Conductivity	1180		UMHOS/CM
JS-18	IR471	13-Aug-99	SW9050	Specific Conductivity	1178		UMHOS/CM
JS-18	IR471	9-Nov-99	SW9050	Specific Conductivity	1251		UMHOS/CM
JS-4	IR842	21-Apr-95	SW9050	Specific Conductivity	1092		UMHOS/CM
JS-4	IR842	13-Jul-95	SW9050	Specific Conductivity	942		UMHOS/CM
JS-4	IR842	19-Oct-95	SW9050	Specific Conductivity	976		UMHOS/CM
JS-4	IR842	26-Jan-96	SW9050	Specific Conductivity	1221		UMHOS/CM
JS-4	IR842	25-Apr-96	SW9050	Specific Conductivity	1262		UMHOS/CM
JS-4	IR842	19-Jul-96	SW9050	Specific Conductivity	1045		UMHOS/CM
JS-4	IR842	21-Oct-96	SW9050	Specific Conductivity	980		UMHOS/CM
JS-4	IR842	12-Feb-97	SW9050	Specific Conductivity	960		UMHOS/CM
JS-4	IR842	15-May-97	SW9050	Specific Conductivity	939		UMHOS/CM
JS-4	IR842	23-Aug-97	SW9050	Specific Conductivity	1470		UMHOS/CM
JS-4	IR842	11-Nov-97	SW9050	Specific Conductivity	1040		UMHOS/CM
JS-4	IR842	14-Feb-98	SW9050	Specific Conductivity	973		UMHOS/CM
JS-4	IR842	11-May-98	SW9050	Specific Conductivity	1083		UMHOS/CM
JS-4	IR842	21-Aug-98	SW9050	Specific Conductivity	1134		UMHOS/CM
JS-4	IR842	18-Nov-98	SW9050	Specific Conductivity	960		UMHOS/CM
JS-4	IR842	12-Feb-99	SW9050	Specific Conductivity	621		UMHOS/CM
JS-4	IR842	13-Aug-99	SW9050	Specific Conductivity	1138		UMHOS/CM
JS-4	IR842	12-Nov-99	SW9050	Specific Conductivity	1202		UMHOS/CM
TOWER	MW10-W1	8-Jun-94	SW9050	Specific Conductivity	1.338		mmhos/cm
TOWER	MW10-W1	14-Sep-94	SW9050	Specific Conductivity	1.238		mmhos/cm
TOWER	MW10-W1	12-Dec-94	SW9050	Specific Conductivity	1.179		mmhos/cm
TOWER	MW10-W1	4-Apr-97	SW9050	Specific Conductivity	1.271		mmhos/cm
TOWER	MW10-W10L	8-Nov-96	SW9050	Specific Conductivity	0.99		mmhos/cm
TOWER	MW10-W10L	9-Jan-97	SW9050	Specific Conductivity	1.023		mmhos/cm
TOWER	MW10-W10L	6-Apr-97	SW9050	Specific Conductivity	1.07		mmhos/cm

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TOWER	MW10-W10L	7-Aug-97	SW9050	Specific Conductivity	1.065		mmhos/cm
TOWER	MW10-W10L	11-Oct-97	SW9050	Specific Conductivity	0.991		mmhos/cm
TOWER	MW10-W10L	9-Jan-98	SW9050	Specific Conductivity	1.41		mmhos/cm
TOWER	MW10-W10L	11-Apr-98	SW9050	Specific Conductivity	0.966		mmhos/cm
TOWER	MW10-W10L	10-Jul-98	SW9050	Specific Conductivity	1.052		ms/cm
TOWER	MW10-W10L	8-Oct-98	SW9050	Specific Conductivity	1.275		ms/cm
TOWER	MW10-W10L	9-Jan-99	SW9050	Specific Conductivity	1.076		ms/cm
TOWER	MW10-W10M	16-Jun-96	SW9050	Specific Conductivity	1.162		mmhos/cm
TOWER	MW10-W10M	10-Nov-96	SW9050	Specific Conductivity	1.081		mmhos/cm
TOWER	MW10-W10M	10-Jan-97	SW9050	Specific Conductivity	1.075		mmhos/cm
TOWER	MW10-W10M	21-Apr-97	SW9050	Specific Conductivity	1.371		mmhos/cm
TOWER	MW10-W10M	14-Jul-97	SW9050	Specific Conductivity	1.127		mmhos/cm
TOWER	MW10-W10M	14-Oct-97	SW9050	Specific Conductivity	1.263		mmhos/cm
TOWER	MW10-W10M	12-Jan-98	SW9050	Specific Conductivity	1.21		mmhos/cm
TOWER	MW10-W10M	15-Apr-98	SW9050	Specific Conductivity	1.253		mmhos/cm
TOWER	MW10-W10M	13-Jul-98	SW9050	Specific Conductivity	1.103		ms/cm
TOWER	MW10-W10M	13-Oct-98	SW9050	Specific Conductivity	1.358		ms/cm
TOWER	MW10-W10M	10-Jan-99	SW9050	Specific Conductivity	1.173		ms/cm
TOWER	MW10-W10M	13-Apr-99	SW9050	Specific Conductivity	1.637		UMHOS/CM
TOWER	MW10-W10U	16-Jun-96	SW9050	Specific Conductivity	1.261		mmhos/cm
TOWER	MW10-W10U	10-Nov-96	SW9050	Specific Conductivity	1.196		mmhos/cm
TOWER	MW10-W10U	10-Jan-97	SW9050	Specific Conductivity	1.091		mmhos/cm
TOWER	MW10-W10U	22-Apr-97	SW9050	Specific Conductivity	1.68		mmhos/cm
TOWER	MW10-W10U	14-Jul-97	SW9050	Specific Conductivity	1.164		mmhos/cm
TOWER	MW10-W10U	14-Oct-97	SW9050	Specific Conductivity	1.318		mmhos/cm
TOWER	MW10-W10U	12-Jan-98	SW9050	Specific Conductivity	1.298		mmhos/cm
TOWER	MW10-W10U	15-Apr-98	SW9050	Specific Conductivity	1.24		mmhos/cm
TOWER	MW10-W10U	13-Jul-98	SW9050	Specific Conductivity	1.121		ms/cm
TOWER	MW10-W10U	13-Oct-98	SW9050	Specific Conductivity	1.403		ms/cm
TOWER	MW10-W10U	10-Jan-99	SW9050	Specific Conductivity	1.203		ms/cm
TOWER	MW10-W10U	13-Apr-99	SW9050	Specific Conductivity	1.59		UMHOS/CM
TOWER	MW10-W10U	13-Jul-99	SW9050	Specific Conductivity	1.342		UMHOS/CM
TOWER	MW10-W10U	15-Oct-99	SW9050	Specific Conductivity	1320		UMHOS/CM
TOWER	MW10-W10U	11-Jan-00	SW9050	Specific Conductivity	1084		UMHOS/CM
TOWER	MW10-W11M	3-Oct-96	SW9050	Specific Conductivity	1.038		mmhos/cm
TOWER	MW10-W11M	6-Jan-97	SW9050	Specific Conductivity	1.02		mmhos/cm
TOWER	MW10-W11M	4-Apr-97	SW9050	Specific Conductivity	1.023		mmhos/cm
TOWER	MW10-W11M	9-Jul-97	SW9050	Specific Conductivity	0.971		mmhos/cm
TOWER	MW10-W11M	9-Oct-97	SW9050	Specific Conductivity	0.975		mmhos/cm
TOWER	MW10-W11M	6-Jan-98	SW9050	Specific Conductivity	1.089		mmhos/cm
TOWER	MW10-W11M	8-Apr-98	SW9050	Specific Conductivity	0.917		mmhos/cm
TOWER	MW10-W11M	8-Jul-98	SW9050	Specific Conductivity	1.033		ms/cm
TOWER	MW10-W11M	7-Oct-98	SW9050	Specific Conductivity	1.06		ms/cm
TOWER	MW10-W11M	8-Jan-99	SW9050	Specific Conductivity	1.028		ms/cm
TOWER	MW10-W11M	7-Apr-99	SW9050	Specific Conductivity	1.253		UMHOS/CM
TOWER	MW10-W11M	9-Jul-99	SW9050	Specific Conductivity	0.988		UMHOS/CM
TOWER	MW10-W11U	9-Nov-96	SW9050	Specific Conductivity	0.878		mmhos/cm
TOWER	MW10-W11U	6-Jan-97	SW9050	Specific Conductivity	1.057		mmhos/cm
TOWER	MW10-W11U	2-Apr-97	SW9050	Specific Conductivity	0.955		mmhos/cm
TOWER	MW10-W11U	8-Jul-97	SW9050	Specific Conductivity	0.956		mmhos/cm
TOWER	MW10-W11U	9-Oct-97	SW9050	Specific Conductivity	0.936		mmhos/cm
TOWER	MW10-W11U	6-Jan-98	SW9050	Specific Conductivity	1.083		mmhos/cm
TOWER	MW10-W11U	8-Apr-98	SW9050	Specific Conductivity	0.879		mmhos/cm
TOWER	MW10-W11U	7-Jul-98	SW9050	Specific Conductivity	0.971		ms/cm
TOWER	MW10-W11U	12-Oct-98	SW9050	Specific Conductivity	1.017		ms/cm
TOWER	MW10-W11U	8-Jan-99	SW9050	Specific Conductivity	0.926		ms/cm
TOWER	MW10-W11U	7-Apr-99	SW9050	Specific Conductivity	0.928		UMHOS/CM
TOWER	MW10-W11U	8-Jul-99	SW9050	Specific Conductivity	1.011		UMHOS/CM
TOWER	MW10-W11U	11-Oct-99	SW9050	Specific Conductivity	1051		UMHOS/CM
TOWER	MW10-W11U	8-Jan-00	SW9050	Specific Conductivity	993		UMHOS/CM
TOWER	MW10-W12M	15-Jun-96	SW9050	Specific Conductivity	1.87		mmhos/cm
TOWER	MW10-W12M	4-Oct-96	SW9050	Specific Conductivity	1.94		mmhos/cm
TOWER	MW10-W12M	7-Jan-97	SW9050	Specific Conductivity	1.82		mmhos/cm
TOWER	MW10-W12M	8-Apr-97	SW9050	Specific Conductivity	2.16		mmhos/cm
TOWER	MW10-W12M	13-Jul-97	SW9050	Specific Conductivity	1.587		mmhos/cm
TOWER	MW10-W12M	7-Oct-97	SW9050	Specific Conductivity	1.962		mmhos/cm
TOWER	MW10-W12M	7-Apr-98	SW9050	Specific Conductivity	1.81		mmhos/cm
TOWER	MW10-W12M	12-Jul-98	SW9050	Specific Conductivity	1.82		ms/cm

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TOWER	MW10-W12M	11-Oct-98	SW9050	Specific Conductivity	1.95		ms/cm
TOWER	MW10-W12M	9-Jan-99	SW9050	Specific Conductivity	1.96		ms/cm
TOWER	MW10-W12U	15-Jun-96	SW9050	Specific Conductivity	1.498		mmhos/cm
TOWER	MW10-W12U	4-Oct-96	SW9050	Specific Conductivity	1.63		mmhos/cm
TOWER	MW10-W12U	8-Jan-97	SW9050	Specific Conductivity	1.453		mmhos/cm
TOWER	MW10-W12U	8-Apr-97	SW9050	Specific Conductivity	1.81		mmhos/cm
TOWER	MW10-W12U	12-Jul-97	SW9050	Specific Conductivity	1.364		mmhos/cm
TOWER	MW10-W12U	11-Oct-97	SW9050	Specific Conductivity	1.317		mmhos/cm
TOWER	MW10-W12U	9-Jan-98	SW9050	Specific Conductivity	2.02		mmhos/cm
TOWER	MW10-W12U	10-Apr-98	SW9050	Specific Conductivity	1.38		mmhos/cm
TOWER	MW10-W12U	10-Jul-98	SW9050	Specific Conductivity	1.64		ms/cm
TOWER	MW10-W12U	10-Oct-98	SW9050	Specific Conductivity	1.823		PH UNITS
TOWER	MW10-W12U	8-Jan-99	SW9050	Specific Conductivity	1.79		ms/cm
TOWER	MW10-W12U	8-Apr-99	SW9050	Specific Conductivity	1.682		UMHOS/CM
TOWER	MW10-W12U	10-Jul-99	SW9050	Specific Conductivity	1.63		UMHOS/CM
TOWER	MW10-W12U	13-Oct-99	SW9050	Specific Conductivity	1540		UMHOS/CM
TOWER	MW10-W12U	10-Jan-00	SW9050	Specific Conductivity	1443		UMHOS/CM
TOWER	MW10-W13L	14-Jun-96	SW9050	Specific Conductivity	1.323		mmhos/cm
TOWER	MW10-W13L	9-Nov-96	SW9050	Specific Conductivity	1.119		mmhos/cm
TOWER	MW10-W13L	7-Jan-97	SW9050	Specific Conductivity	1.242		mmhos/cm
TOWER	MW10-W13L	22-Apr-97	SW9050	Specific Conductivity	1.64		mmhos/cm
TOWER	MW10-W13L	14-Jul-97	SW9050	Specific Conductivity	1.138		mmhos/cm
TOWER	MW10-W13L	14-Oct-97	SW9050	Specific Conductivity	1.29		mmhos/cm
TOWER	MW10-W13L	12-Jan-98	SW9050	Specific Conductivity	0.935		mmhos/cm
TOWER	MW10-W13L	14-Apr-98	SW9050	Specific Conductivity	1.329		mmhos/cm
TOWER	MW10-W13L	14-Jul-98	SW9050	Specific Conductivity	1.368		ms/cm
TOWER	MW10-W13L	13-Oct-98	SW9050	Specific Conductivity	1.428		ms/cm
TOWER	MW10-W13L	12-Jan-99	SW9050	Specific Conductivity	1.312		ms/cm
TOWER	MW10-W13L	12-Apr-99	SW9050	Specific Conductivity	1.262		UMHOS/CM
TOWER	MW10-W13U	15-Jun-96	SW9050	Specific Conductivity	1.241		mmhos/cm
TOWER	MW10-W13U	9-Nov-96	SW9050	Specific Conductivity	1.036		mmhos/cm
TOWER	MW10-W13U	7-Jan-97	SW9050	Specific Conductivity	1.174		mmhos/cm
TOWER	MW10-W13U	5-Apr-97	SW9050	Specific Conductivity	1.163		mmhos/cm
TOWER	MW10-W13U	13-Jul-97	SW9050	Specific Conductivity	1.118		mmhos/cm
TOWER	MW10-W13U	11-Oct-97	SW9050	Specific Conductivity	1.052		mmhos/cm
TOWER	MW10-W13U	12-Jan-98	SW9050	Specific Conductivity	1.011		mmhos/cm
TOWER	MW10-W13U	11-Apr-98	SW9050	Specific Conductivity	1.151		mmhos/cm
TOWER	MW10-W13U	13-Jul-98	SW9050	Specific Conductivity	1.213		ms/cm
TOWER	MW10-W13U	10-Oct-98	SW9050	Specific Conductivity	1.512		ms/cm
TOWER	MW10-W13U	10-Jan-99	SW9050	Specific Conductivity	1.182		ms/cm
TOWER	MW10-W13U	13-Apr-99	SW9050	Specific Conductivity	1.034		UMHOS/CM
TOWER	MW10-W13U	14-Jul-99	SW9050	Specific Conductivity	1.358		UMHOS/CM
TOWER	MW10-W13U	13-Oct-99	SW9050	Specific Conductivity	1286		UMHOS/CM
TOWER	MW10-W13U	11-Jan-00	SW9050	Specific Conductivity	1079		UMHOS/CM
TOWER	MW10-W14L	16-Jun-96	SW9050	Specific Conductivity	1.127		mmhos/cm
TOWER	MW10-W14L	4-Oct-96	SW9050	Specific Conductivity	1.12		mmhos/cm
TOWER	MW10-W14L	7-Jan-97	SW9050	Specific Conductivity	1.027		mmhos/cm
TOWER	MW10-W14L	9-Apr-97	SW9050	Specific Conductivity	1.331		mmhos/cm
TOWER	MW10-W14L	13-Jul-97	SW9050	Specific Conductivity	0.994		mmhos/cm
TOWER	MW10-W14L	14-Oct-97	SW9050	Specific Conductivity	0.838		mmhos/cm
TOWER	MW10-W14L	11-Jan-98	SW9050	Specific Conductivity	1.07		mmhos/cm
TOWER	MW10-W14L	15-Apr-98	SW9050	Specific Conductivity	1.161		mmhos/cm
TOWER	MW10-W14L	13-Jul-98	SW9050	Specific Conductivity	1.109		ms/cm
TOWER	MW10-W14L	14-Oct-98	SW9050	Specific Conductivity	1.238		ms/cm
TOWER	MW10-W14L	12-Jan-99	SW9050	Specific Conductivity	1.196		ms/cm
TOWER	MW10-W14L	12-Apr-99	SW9050	Specific Conductivity	1.149		UMHOS/CM
TOWER	MW10-W14U	16-Jun-96	SW9050	Specific Conductivity	1.134		mmhos/cm
TOWER	MW10-W14U	4-Oct-96	SW9050	Specific Conductivity	1.186		mmhos/cm
TOWER	MW10-W14U	6-Jan-97	SW9050	Specific Conductivity	1.133		mmhos/cm
TOWER	MW10-W14U	9-Apr-97	SW9050	Specific Conductivity	1.318		mmhos/cm
TOWER	MW10-W14U	13-Jul-97	SW9050	Specific Conductivity	1.008		mmhos/cm
TOWER	MW10-W14U	12-Oct-97	SW9050	Specific Conductivity	0.992		mmhos/cm
TOWER	MW10-W14U	10-Jan-98	SW9050	Specific Conductivity	1.312		mmhos/cm
TOWER	MW10-W14U	11-Apr-98	SW9050	Specific Conductivity	1.014		mmhos/cm
TOWER	MW10-W14U	12-Jul-98	SW9050	Specific Conductivity	1.139		ms/cm
TOWER	MW10-W14U	10-Oct-98	SW9050	Specific Conductivity	1.379		ms/cm
TOWER	MW10-W14U	10-Jan-99	SW9050	Specific Conductivity	1.237		ms/cm
TOWER	MW10-W14U	9-Apr-99	SW9050	Specific Conductivity	0.921		UMHOS/CM

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TOWER	MW10-W14U	10-Jul-99	SW9050	Specific Conductivity	1.237		UMHOS/CM
TOWER	MW10-W14U	15-Oct-99	SW9050	Specific Conductivity	1266		UMHOS/CM
TOWER	MW10-W14U	10-Jan-00	SW9050	Specific Conductivity	1095		UMHOS/CM
TOWER	MW10-W15L	8-Jan-98	SW9050	Specific Conductivity	1.68		mmhos/cm
TOWER	MW10-W15M	5-Apr-97	SW9050	Specific Conductivity	1.073		mmhos/cm
TOWER	MW10-W15M	10-Oct-97	SW9050	Specific Conductivity	1.202		mmhos/cm
TOWER	MW10-W15M	9-Apr-98	SW9050	Specific Conductivity	1.228		mmhos/cm
TOWER	MW10-W15M	9-Jul-99	SW9050	Specific Conductivity	1.216		UMHOS/CM
TOWER	MW10-W15M	11-Oct-99	SW9050	Specific Conductivity	1332		UMHOS/CM
TOWER	MW10-W15U	5-Apr-97	SW9050	Specific Conductivity	1.111		mmhos/cm
TOWER	MW10-W15U	9-Oct-97	SW9050	Specific Conductivity	1.118		mmhos/cm
TOWER	MW10-W15U	7-Apr-99	SW9050	Specific Conductivity	0.994		UMHOS/CM
TOWER	MW10-W15U	11-Oct-99	SW9050	Specific Conductivity	1457		UMHOS/CM
TOWER	MW10-W16L	10-Apr-98	SW9050	Specific Conductivity	1.252		mmhos/cm
TOWER	MW10-W17U	10-Oct-98	SW9050	Specific Conductivity	2.4		ms/cm
TOWER	MW10-W17U	8-Jan-99	SW9050	Specific Conductivity	1.66		ms/cm
TOWER	MW10-W18L	22-Apr-97	SW9050	Specific Conductivity	1.499		mmhos/cm
TOWER	MW10-W18L	16-Jul-97	SW9050	Specific Conductivity	1.032		mmhos/cm
TOWER	MW10-W18L	15-Oct-97	SW9050	Specific Conductivity	1.53		mmhos/cm
TOWER	MW10-W18L	14-Jan-98	SW9050	Specific Conductivity	1.311		mmhos/cm
TOWER	MW10-W18L	14-Apr-98	SW9050	Specific Conductivity	1.485		mmhos/cm
TOWER	MW10-W18L	14-Jul-98	SW9050	Specific Conductivity	1.453		ms/cm
TOWER	MW10-W18L	13-Oct-98	SW9050	Specific Conductivity	1.728		ms/cm
TOWER	MW10-W18L	12-Jan-99	SW9050	Specific Conductivity	1.464		ms/cm
TOWER	MW10-W18L	14-Apr-99	SW9050	Specific Conductivity	1.211		UMHOS/CM
TOWER	MW10-W18L	14-Jul-99	SW9050	Specific Conductivity	1.677		UMHOS/CM
TOWER	MW10-W18L	16-Oct-99	SW9050	Specific Conductivity	1650		UMHOS/CM
TOWER	MW10-W18L	13-Jan-00	SW9050	Specific Conductivity	1540		UMHOS/CM
TOWER	MW10-W18U	22-Apr-97	SW9050	Specific Conductivity	1.54		mmhos/cm
TOWER	MW10-W18U	16-Jul-97	SW9050	Specific Conductivity	1.036		mmhos/cm
TOWER	MW10-W18U	15-Oct-97	SW9050	Specific Conductivity	1.56		mmhos/cm
TOWER	MW10-W18U	14-Jan-98	SW9050	Specific Conductivity	1.552		mmhos/cm
TOWER	MW10-W18U	15-Apr-98	SW9050	Specific Conductivity	1.5		mmhos/cm
TOWER	MW10-W18U	14-Jul-98	SW9050	Specific Conductivity	1.49		ms/cm
TOWER	MW10-W18U	14-Oct-98	SW9050	Specific Conductivity	1.914		ms/cm
TOWER	MW10-W18U	12-Jan-99	SW9050	Specific Conductivity	1.477		ms/cm
TOWER	MW10-W18U	14-Apr-99	SW9050	Specific Conductivity	1.631		UMHOS/CM
TOWER	MW10-W18U	14-Jul-99	SW9050	Specific Conductivity	1.62		UMHOS/CM
TOWER	MW10-W18U	16-Oct-99	SW9050	Specific Conductivity	1690		UMHOS/CM
TOWER	MW10-W19L	20-Apr-97	SW9050	Specific Conductivity	0.811		mmhos/cm
TOWER	MW10-W19L	11-Jul-97	SW9050	Specific Conductivity	0.768		mmhos/cm
TOWER	MW10-W19L	8-Jan-98	SW9050	Specific Conductivity	0.735		mmhos/cm
TOWER	MW10-W19L	10-Apr-98	SW9050	Specific Conductivity	0.935		mmhos/cm
TOWER	MW10-W19L	10-Jul-98	SW9050	Specific Conductivity	0.928		ms/cm
TOWER	MW10-W19L	11-Apr-99	SW9050	Specific Conductivity	1.152		UMHOS/CM
TOWER	MW10-W19L	11-Jul-99	SW9050	Specific Conductivity	1.147		UMHOS/CM
TOWER	MW10-W19U	20-Apr-97	SW9050	Specific Conductivity	0.883		mmhos/cm
TOWER	MW10-W19U	11-Jul-97	SW9050	Specific Conductivity	0.816		mmhos/cm
TOWER	MW10-W19U	12-Oct-97	SW9050	Specific Conductivity	1.059		mmhos/cm
TOWER	MW10-W19U	7-Jan-98	SW9050	Specific Conductivity	0.782		mmhos/cm
TOWER	MW10-W19U	11-Apr-98	SW9050	Specific Conductivity	0.911		mmhos/cm
TOWER	MW10-W19U	9-Oct-99	SW9050	Specific Conductivity	889		UMHOS/CM
TOWER	MW10-W19U	6-Jan-00	SW9050	Specific Conductivity	970		UMHOS/CM
TOWER	MW10-W2	11-Mar-94	SW9050	Specific Conductivity	1.62		mmhos/cm
TOWER	MW10-W2	8-Jun-94	SW9050	Specific Conductivity	1.63		mmhos/cm
TOWER	MW10-W2	15-Sep-94	SW9050	Specific Conductivity	1.421		mmhos/cm
TOWER	MW10-W2	11-Dec-94	SW9050	Specific Conductivity	1.453		mmhos/cm
TOWER	MW10-W2	13-Mar-95	SW9050	Specific Conductivity	1.263		mmhos/cm
TOWER	MW10-W2	20-Jun-95	SW9050	Specific Conductivity	1.189		mmhos/cm
TOWER	MW10-W20L	18-Apr-97	SW9050	Specific Conductivity	1.6		mmhos/cm
TOWER	MW10-W20L	14-Jul-97	SW9050	Specific Conductivity	1.185		mmhos/cm
TOWER	MW10-W20L	12-Oct-97	SW9050	Specific Conductivity	1.224		mmhos/cm
TOWER	MW10-W20L	12-Jan-98	SW9050	Specific Conductivity	1.211		mmhos/cm
TOWER	MW10-W20L	12-Apr-98	SW9050	Specific Conductivity	1.345		mmhos/cm
TOWER	MW10-W20L	13-Jul-98	SW9050	Specific Conductivity	1.415		ms/cm
TOWER	MW10-W20L	11-Oct-98	SW9050	Specific Conductivity	1.581		PH UNITS
TOWER	MW10-W20L	11-Jan-99	SW9050	Specific Conductivity	1.274		ms/cm
TOWER	MW10-W20L	13-Apr-99	SW9050	Specific Conductivity	1.65		UMHOS/CM

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TOWER	MW10-W20L	14-Jul-99	SW9050	Specific Conductivity	1.62		UMHOS/CM
TOWER	MW10-W20L	14-Oct-99	SW9050	Specific Conductivity	1437		UMHOS/CM
TOWER	MW10-W20L	13-Jan-00	SW9050	Specific Conductivity	1570		UMHOS/CM
TOWER	MW10-W20U	18-Apr-97	SW9050	Specific Conductivity	1.354		mmhos/cm
TOWER	MW10-W20U	12-Jul-97	SW9050	Specific Conductivity	8.96		mmhos/cm
TOWER	MW10-W20U	14-Oct-97	SW9050	Specific Conductivity	0.68		mmhos/cm
TOWER	MW10-W20U	10-Jan-98	SW9050	Specific Conductivity	1.135		mmhos/cm
TOWER	MW10-W20U	14-Apr-98	SW9050	Specific Conductivity	0.861		mmhos/cm
TOWER	MW10-W20U	11-Oct-98	SW9050	Specific Conductivity	0.834		ms/cm
TOWER	MW10-W20U	10-Jan-99	SW9050	Specific Conductivity	0.897		ms/cm
TOWER	MW10-W20U	12-Apr-99	SW9050	Specific Conductivity	0.816		UMHOS/CM
TOWER	MW10-W20U	13-Jul-99	SW9050	Specific Conductivity	1.276		UMHOS/CM
TOWER	MW10-W21L	16-Apr-97	SW9050	Specific Conductivity	0.942		mmhos/cm
TOWER	MW10-W21L	13-Jul-97	SW9050	Specific Conductivity	0.81		mmhos/cm
TOWER	MW10-W21L	14-Oct-97	SW9050	Specific Conductivity	0.687		mmhos/cm
TOWER	MW10-W21L	10-Jan-98	SW9050	Specific Conductivity	1		mmhos/cm
TOWER	MW10-W21L	14-Apr-98	SW9050	Specific Conductivity	0.921		mmhos/cm
TOWER	MW10-W21L	12-Jul-98	SW9050	Specific Conductivity	0.911		ms/cm
TOWER	MW10-W21L	11-Oct-98	SW9050	Specific Conductivity	0.912		ms/cm
TOWER	MW10-W21L	9-Jan-99	SW9050	Specific Conductivity	0.862		ms/cm
TOWER	MW10-W21L	11-Apr-99	SW9050	Specific Conductivity	0.912		UMHOS/CM
TOWER	MW10-W21L	12-Jul-99	SW9050	Specific Conductivity	0.961		UMHOS/CM
TOWER	MW10-W21L	16-Oct-99	SW9050	Specific Conductivity	1002		UMHOS/CM
TOWER	MW10-W21L	7-Jan-00	SW9050	Specific Conductivity	951		UMHOS/CM
TOWER	MW10-W21U	15-Apr-97	SW9050	Specific Conductivity	1.058		mmhos/cm
TOWER	MW10-W21U	10-Jul-97	SW9050	Specific Conductivity	1.016		mmhos/cm
TOWER	MW10-W21U	13-Oct-97	SW9050	Specific Conductivity	0.747		mmhos/cm
TOWER	MW10-W21U	7-Jan-98	SW9050	Specific Conductivity	0.779		mmhos/cm
TOWER	MW10-W21U	10-Apr-98	SW9050	Specific Conductivity	0.952		mmhos/cm
TOWER	MW10-W21U	10-Jul-98	SW9050	Specific Conductivity	0.963		ms/cm
TOWER	MW10-W21U	8-Oct-98	SW9050	Specific Conductivity	1.02		ms/cm
TOWER	MW10-W21U	7-Jan-99	SW9050	Specific Conductivity	0.933		ms/cm
TOWER	MW10-W21U	9-Apr-99	SW9050	Specific Conductivity	0.597		UMHOS/CM
TOWER	MW10-W21U	9-Jul-99	SW9050	Specific Conductivity	1.025		UMHOS/CM
TOWER	MW10-W21U	14-Oct-99	SW9050	Specific Conductivity	930		UMHOS/CM
TOWER	MW10-W22L	17-Apr-97	SW9050	Specific Conductivity	0.974		mmhos/cm
TOWER	MW10-W22L	13-Jul-97	SW9050	Specific Conductivity	0.76		mmhos/cm
TOWER	MW10-W22L	8-Oct-97	SW9050	Specific Conductivity	0.952		mmhos/cm
TOWER	MW10-W22L	10-Jan-98	SW9050	Specific Conductivity	1.192		mmhos/cm
TOWER	MW10-W22L	8-Apr-98	SW9050	Specific Conductivity	1.007		mmhos/cm
TOWER	MW10-W22L	11-Jul-98	SW9050	Specific Conductivity	0.987		ms/cm
TOWER	MW10-W22L	9-Oct-98	SW9050	Specific Conductivity	1.161		PH UNITS
TOWER	MW10-W22L	10-Jan-99	SW9050	Specific Conductivity	1.075		ms/cm
TOWER	MW10-W22L	11-Apr-99	SW9050	Specific Conductivity	1.485		UMHOS/CM
TOWER	MW10-W22L	11-Jul-99	SW9050	Specific Conductivity	1.437		UMHOS/CM
TOWER	MW10-W22U	15-Apr-97	SW9050	Specific Conductivity	1.095		mmhos/cm
TOWER	MW10-W22U	13-Jul-97	SW9050	Specific Conductivity	1.037		mmhos/cm
TOWER	MW10-W22U	8-Oct-97	SW9050	Specific Conductivity	1.068		mmhos/cm
TOWER	MW10-W22U	11-Jan-98	SW9050	Specific Conductivity	1.033		mmhos/cm
TOWER	MW10-W22U	12-Apr-98	SW9050	Specific Conductivity	1.243		mmhos/cm
TOWER	MW10-W22U	13-Jul-98	SW9050	Specific Conductivity	1.169		ms/cm
TOWER	MW10-W22U	10-Oct-98	SW9050	Specific Conductivity	1.315		ms/cm
TOWER	MW10-W22U	11-Jan-99	SW9050	Specific Conductivity	1.274		ms/cm
TOWER	MW10-W22U	11-Apr-99	SW9050	Specific Conductivity	1.235		UMHOS/CM
TOWER	MW10-W22U	11-Jul-99	SW9050	Specific Conductivity	1.534		UMHOS/CM
TOWER	MW10-W22U	15-Oct-99	SW9050	Specific Conductivity	1166		UMHOS/CM
TOWER	MW10-W22U	13-Jan-00	SW9050	Specific Conductivity	1233		UMHOS/CM
TOWER	MW10-W24L	20-Apr-97	SW9050	Specific Conductivity	1.312		mmhos/cm
TOWER	MW10-W24L	10-Jul-97	SW9050	Specific Conductivity	1.242		mmhos/cm
TOWER	MW10-W24L	8-Jan-98	SW9050	Specific Conductivity	1.468		mmhos/cm
TOWER	MW10-W24L	10-Jul-98	SW9050	Specific Conductivity	1.284		ms/cm
TOWER	MW10-W24L	9-Oct-98	SW9050	Specific Conductivity	1.328		ms/cm
TOWER	MW10-W24L	7-Jan-99	SW9050	Specific Conductivity	1.287		ms/cm
TOWER	MW10-W24L	9-Apr-99	SW9050	Specific Conductivity	0.724		UMHOS/CM
TOWER	MW10-W24L	14-Oct-99	SW9050	Specific Conductivity	1190		UMHOS/CM
TOWER	MW10-W24U	20-Apr-97	SW9050	Specific Conductivity	1.62		mmhos/cm
TOWER	MW10-W24U	13-Jul-97	SW9050	Specific Conductivity	1.484		mmhos/cm
TOWER	MW10-W24U	12-Oct-97	SW9050	Specific Conductivity	1.459		mmhos/cm

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W24U	8-Jan-98	SW9050	Specific Conductivity	2.057		mmhos/cm
TOWER	MW10-W24U	13-Apr-98	SW9050	Specific Conductivity	1.91		mmhos/cm
TOWER	MW10-W24U	11-Jul-98	SW9050	Specific Conductivity	1.86		ms/cm
TOWER	MW10-W24U	12-Oct-98	SW9050	Specific Conductivity	1.89		ms/cm
TOWER	MW10-W24U	9-Jan-99	SW9050	Specific Conductivity	1.82		ms/cm
TOWER	MW10-W24U	11-Apr-99	SW9050	Specific Conductivity	1.128		UMHOS/CM
TOWER	MW10-W24U	13-Jul-99	SW9050	Specific Conductivity	2.24		UMHOS/CM
TOWER	MW10-W24U	15-Oct-99	SW9050	Specific Conductivity	2700		UMHOS/CM
TOWER	MW10-W24U	10-Jan-00	SW9050	Specific Conductivity	1892		UMHOS/CM
TOWER	MW10-W25M	11-Apr-98	SW9050	Specific Conductivity	0.991		mmhos/cm
TOWER	MW10-W25M	11-Oct-98	SW9050	Specific Conductivity	1.376		ms/cm
TOWER	MW10-W25M	7-Jan-99	SW9050	Specific Conductivity	1.157		ms/cm
TOWER	MW10-W25M	10-Jul-99	SW9050	Specific Conductivity	1.324		UMHOS/CM
TOWER	MW10-W25U	13-Oct-97	SW9050	Specific Conductivity	2.014		mmhos/cm
TOWER	MW10-W25U	9-Jul-99	SW9050	Specific Conductivity	2.39		UMHOS/CM
TOWER	MW10-W25U	6-Jan-00	SW9050	Specific Conductivity	2560		UMHOS/CM
TOWER	MW10-W26U	9-Jul-97	SW9050	Specific Conductivity	1.534		mmhos/cm
TOWER	MW10-W26U	9-Oct-99	SW9050	Specific Conductivity	1710		UMHOS/CM
TOWER	MW10-W27L	10-Jan-98	SW9050	Specific Conductivity	1.312		mmhos/cm
TOWER	MW10-W27L	11-Apr-98	SW9050	Specific Conductivity	1.002		mmhos/cm
TOWER	MW10-W27L	9-Jul-98	SW9050	Specific Conductivity	0.917		ms/cm
TOWER	MW10-W27L	13-Oct-98	SW9050	Specific Conductivity	1.223		ms/cm
TOWER	MW10-W27L	11-Jul-99	SW9050	Specific Conductivity	1.334		UMHOS/CM
TOWER	MW10-W27U	7-Jan-99	SW9050	Specific Conductivity	1.13		ms/cm
TOWER	MW10-W28L	19-Apr-97	SW9050	Specific Conductivity	1.372		mmhos/cm
TOWER	MW10-W28L	6-Jan-98	SW9050	Specific Conductivity	1.005		mmhos/cm
TOWER	MW10-W28L	10-Apr-98	SW9050	Specific Conductivity	1.125		mmhos/cm
TOWER	MW10-W28L	8-Jul-98	SW9050	Specific Conductivity	0.935		ms/cm
TOWER	MW10-W28L	8-Oct-98	SW9050	Specific Conductivity	1.159		ms/cm
TOWER	MW10-W28L	6-Jan-99	SW9050	Specific Conductivity	1.067		ms/cm
TOWER	MW10-W28L	6-Apr-99	SW9050	Specific Conductivity	1.245		UMHOS/CM
TOWER	MW10-W28L	7-Jul-99	SW9050	Specific Conductivity	1.113		UMHOS/CM
TOWER	MW10-W28U	19-Apr-97	SW9050	Specific Conductivity	1.433		mmhos/cm
TOWER	MW10-W28U	8-Jul-97	SW9050	Specific Conductivity	1.083		mmhos/cm
TOWER	MW10-W28U	6-Jan-98	SW9050	Specific Conductivity	0.995		mmhos/cm
TOWER	MW10-W28U	11-Apr-98	SW9050	Specific Conductivity	1.138		mmhos/cm
TOWER	MW10-W28U	7-Jul-98	SW9050	Specific Conductivity	1.017		ms/cm
TOWER	MW10-W28U	11-Oct-98	SW9050	Specific Conductivity	1.218		ms/cm
TOWER	MW10-W28U	6-Jan-99	SW9050	Specific Conductivity	1.109		ms/cm
TOWER	MW10-W28U	6-Apr-99	SW9050	Specific Conductivity	1.104		UMHOS/CM
TOWER	MW10-W28U	7-Jul-99	SW9050	Specific Conductivity	1.112		UMHOS/CM
TOWER	MW10-W28U	11-Oct-99	SW9050	Specific Conductivity	1182		UMHOS/CM
TOWER	MW10-W28U	7-Jan-00	SW9050	Specific Conductivity	1105		UMHOS/CM
TOWER	MW10-W29L	11-Jul-99	SW9050	Specific Conductivity	1.419		UMHOS/CM
TOWER	MW10-W29L	15-Oct-99	SW9050	Specific Conductivity	1474		UMHOS/CM
TOWER	MW10-W29U	6-Jan-00	SW9050	Specific Conductivity	1465		UMHOS/CM
TOWER	MW10-W2L	8-Oct-96	SW9050	Specific Conductivity	1.184		mmhos/cm
TOWER	MW10-W2L	8-Jan-97	SW9050	Specific Conductivity	1.029		mmhos/cm
TOWER	MW10-W2L	4-Apr-97	SW9050	Specific Conductivity	1.182		mmhos/cm
TOWER	MW10-W2L	12-Jul-97	SW9050	Specific Conductivity	1.037		mmhos/cm
TOWER	MW10-W2L	10-Oct-97	SW9050	Specific Conductivity	1.234		mmhos/cm
TOWER	MW10-W2L	10-Jan-98	SW9050	Specific Conductivity	1.345		mmhos/cm
TOWER	MW10-W2L	11-Apr-98	SW9050	Specific Conductivity	1.017		mmhos/cm
TOWER	MW10-W2L	11-Jul-98	SW9050	Specific Conductivity	1.118		ms/cm
TOWER	MW10-W2L	10-Oct-98	SW9050	Specific Conductivity	1.428		ms/cm
TOWER	MW10-W2L	9-Jan-99	SW9050	Specific Conductivity	1.236		ms/cm
TOWER	MW10-W2M	15-Jun-96	SW9050	Specific Conductivity	1.249		mmhos/cm
TOWER	MW10-W2M	9-Oct-96	SW9050	Specific Conductivity	1.133		mmhos/cm
TOWER	MW10-W2M	10-Jan-97	SW9050	Specific Conductivity	1.144		mmhos/cm
TOWER	MW10-W2M	3-Apr-97	SW9050	Specific Conductivity	1.082		mmhos/cm
TOWER	MW10-W2M	12-Jul-97	SW9050	Specific Conductivity	1.004		mmhos/cm
TOWER	MW10-W2M	14-Oct-97	SW9050	Specific Conductivity	0.95		mmhos/cm
TOWER	MW10-W2M	10-Jan-98	SW9050	Specific Conductivity	1.399		mmhos/cm
TOWER	MW10-W2M	15-Apr-98	SW9050	Specific Conductivity	1.233		mmhos/cm
TOWER	MW10-W2M	11-Jul-98	SW9050	Specific Conductivity	1.158		ms/cm
TOWER	MW10-W2M	13-Oct-98	SW9050	Specific Conductivity	1.424		ms/cm
TOWER	MW10-W2M	9-Jan-99	SW9050	Specific Conductivity	1.291		ms/cm
TOWER	MW10-W2U	14-Oct-95	SW9050	Specific Conductivity	1.208		mmhos/cm

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W2U	1-Dec-95	SW9050	Specific Conductivity	1.358		mmhos/cm
TOWER	MW10-W2U	17-Jun-96	SW9050	Specific Conductivity	1.189		mmhos/cm
TOWER	MW10-W2U	7-Oct-96	SW9050	Specific Conductivity	1.225		mmhos/cm
TOWER	MW10-W2U	9-Jan-97	SW9050	Specific Conductivity	1.172		mmhos/cm
TOWER	MW10-W2U	4-Apr-97	SW9050	Specific Conductivity	1.132		mmhos/cm
TOWER	MW10-W2U	16-Jul-97	SW9050	Specific Conductivity	1.149		mmhos/cm
TOWER	MW10-W2U	14-Oct-97	SW9050	Specific Conductivity	1.305		mmhos/cm
TOWER	MW10-W2U	10-Jan-98	SW9050	Specific Conductivity	1.418		mmhos/cm
TOWER	MW10-W2U	14-Apr-98	SW9050	Specific Conductivity	1.327		mmhos/cm
TOWER	MW10-W2U	13-Jul-98	SW9050	Specific Conductivity	1.215		ms/cm
TOWER	MW10-W2U	11-Oct-98	SW9050	Specific Conductivity	1.334		ms/cm
TOWER	MW10-W2U	11-Jan-99	SW9050	Specific Conductivity	1.383		ms/cm
TOWER	MW10-W2U	10-Apr-99	SW9050	Specific Conductivity	0.805		UMHOS/CM
TOWER	MW10-W2U	10-Jul-99	SW9050	Specific Conductivity	1.348		UMHOS/CM
TOWER	MW10-W2U	12-Oct-99	SW9050	Specific Conductivity	1395		UMHOS/CM
TOWER	MW10-W2U	12-Jan-00	SW9050	Specific Conductivity	1132		UMHOS/CM
TOWER	MW10-W3	14-Mar-94	SW9050	Specific Conductivity	1.327		mmhos/cm
TOWER	MW10-W3	9-Jun-94	SW9050	Specific Conductivity	1.319		mmhos/cm
TOWER	MW10-W3	13-Sep-94	SW9050	Specific Conductivity	1.264		mmhos/cm
TOWER	MW10-W3	11-Dec-94	SW9050	Specific Conductivity	1.236		mmhos/cm
TOWER	MW10-W3	10-Mar-95	SW9050	Specific Conductivity	1.141		mmhos/cm
TOWER	MW10-W3	21-Jun-95	SW9050	Specific Conductivity	1.26		mmhos/cm
TOWER	MW10-W30M	15-Jul-98	SW9050	Specific Conductivity	0.905		ms/cm
TOWER	MW10-W30M	11-Oct-98	SW9050	Specific Conductivity	1.067		ms/cm
TOWER	MW10-W30M	6-Jan-99	SW9050	Specific Conductivity	1.165		ms/cm
TOWER	MW10-W30U	14-Jul-98	SW9050	Specific Conductivity	1.75		ms/cm
TOWER	MW10-W30U	12-Jan-99	SW9050	Specific Conductivity	0.912		ms/cm
TOWER	MW10-W31L	13-Jan-99	SW9050	Specific Conductivity	0.89		ms/cm
TOWER	MW10-W31L	14-Apr-99	SW9050	Specific Conductivity	1.258		UMHOS/CM
TOWER	MW10-W31L	14-Jul-99	SW9050	Specific Conductivity	1.232		UMHOS/CM
TOWER	MW10-W31L	16-Oct-99	SW9050	Specific Conductivity	1190		UMHOS/CM
TOWER	MW10-W31L	12-Jan-00	SW9050	Specific Conductivity	976		UMHOS/CM
TOWER	MW10-W31M	12-Jan-99	SW9050	Specific Conductivity	1.374		ms/cm
TOWER	MW10-W31M	13-Apr-99	SW9050	Specific Conductivity	1.84		UMHOS/CM
TOWER	MW10-W31M	14-Jul-99	SW9050	Specific Conductivity	1.395		UMHOS/CM
TOWER	MW10-W31M	15-Oct-99	SW9050	Specific Conductivity	1428		UMHOS/CM
TOWER	MW10-W31U	8-Jan-99	SW9050	Specific Conductivity	2.29		ms/cm
TOWER	MW10-W32L	10-Jul-99	SW9050	Specific Conductivity	1.858		UMHOS/CM
TOWER	MW10-W32L	11-Oct-99	SW9050	Specific Conductivity	1620		UMHOS/CM
TOWER	MW10-W32L	6-Jan-00	SW9050	Specific Conductivity	1469		UMHOS/CM
TOWER	MW10-W32U	12-Oct-99	SW9050	Specific Conductivity	1860		UMHOS/CM
TOWER	MW10-W33L	9-Apr-99	SW9050	Specific Conductivity	1.381		UMHOS/CM
TOWER	MW10-W33L	11-Jul-99	SW9050	Specific Conductivity	1.716		UMHOS/CM
TOWER	MW10-W33M	10-Jul-99	SW9050	Specific Conductivity	1.51		UMHOS/CM
TOWER	MW10-W34L	13-Jul-99	SW9050	Specific Conductivity	1.507		UMHOS/CM
TOWER	MW10-W34L	14-Oct-99	SW9050	Specific Conductivity	1130		UMHOS/CM
TOWER	MW10-W34L	11-Jan-00	SW9050	Specific Conductivity	1087		UMHOS/CM
TOWER	MW10-W34M	12-Jul-99	SW9050	Specific Conductivity	1.193		UMHOS/CM
TOWER	MW10-W34M	14-Oct-99	SW9050	Specific Conductivity	1014		UMHOS/CM
TOWER	MW10-W34U	13-Oct-99	SW9050	Specific Conductivity	2120		UMHOS/CM
TOWER	MW10-W35L	13-Jul-99	SW9050	Specific Conductivity	2.152		UMHOS/CM
TOWER	MW10-W35L	6-Nov-99	SW9050	Specific Conductivity	1910		UMHOS/CM
TOWER	MW10-W35L	8-Jan-00	SW9050	Specific Conductivity	1800		UMHOS/CM
TOWER	MW10-W35U	12-Jul-99	SW9050	Specific Conductivity	1.894		UMHOS/CM
TOWER	MW10-W35U	13-Oct-99	SW9050	Specific Conductivity	1780		UMHOS/CM
TOWER	MW10-W36U	11-Apr-99	SW9050	Specific Conductivity	1.878		UMHOS/CM
TOWER	MW10-W36U	13-Jul-99	SW9050	Specific Conductivity	1.79		UMHOS/CM
TOWER	MW10-W36U	16-Oct-99	SW9050	Specific Conductivity	1770		UMHOS/CM
TOWER	MW10-W36U	12-Jan-00	SW9050	Specific Conductivity	1396		UMHOS/CM
TOWER	MW10-W37L	11-Apr-99	SW9050	Specific Conductivity	1.487		UMHOS/CM
TOWER	MW10-W37L	14-Jul-99	SW9050	Specific Conductivity	1.085		UMHOS/CM
TOWER	MW10-W37L	14-Oct-99	SW9050	Specific Conductivity	978		UMHOS/CM
TOWER	MW10-W37L	12-Jan-00	SW9050	Specific Conductivity	915		UMHOS/CM
TOWER	MW10-W3L	8-Nov-96	SW9050	Specific Conductivity	1.034		mmhos/cm
TOWER	MW10-W3L	8-Jan-97	SW9050	Specific Conductivity	1.164		mmhos/cm
TOWER	MW10-W3L	4-Apr-97	SW9050	Specific Conductivity	1.18		mmhos/cm
TOWER	MW10-W3L	16-Jul-97	SW9050	Specific Conductivity	1.067		mmhos/cm
TOWER	MW10-W3L	15-Oct-97	SW9050	Specific Conductivity	1.495		mmhos/cm

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W3L	13-Jan-98	SW9050	Specific Conductivity	1.234		mmhos/cm
TOWER	MW10-W3L	15-Apr-98	SW9050	Specific Conductivity	1.363		mmhos/cm
TOWER	MW10-W3L	14-Jul-98	SW9050	Specific Conductivity	1.307		ms/cm
TOWER	MW10-W3L	14-Oct-98	SW9050	Specific Conductivity	1.7		ms/cm
TOWER	MW10-W3L	12-Jan-99	SW9050	Specific Conductivity	1.411		ms/cm
TOWER	MW10-W3L	12-Apr-99	SW9050	Specific Conductivity	1.51		UMHOS/CM
TOWER	MW10-W3L	13-Jul-99	SW9050	Specific Conductivity	1.668		UMHOS/CM
TOWER	MW10-W3L	12-Oct-99	SW9050	Specific Conductivity	1475		UMHOS/CM
TOWER	MW10-W3L	12-Jan-00	SW9050	Specific Conductivity	1176		UMHOS/CM
TOWER	MW10-W3M	16-Jun-96	SW9050	Specific Conductivity	1.248		mmhos/cm
TOWER	MW10-W3M	10-Nov-96	SW9050	Specific Conductivity	1.141		mmhos/cm
TOWER	MW10-W3M	9-Jan-97	SW9050	Specific Conductivity	1.169		mmhos/cm
TOWER	MW10-W3M	4-Apr-97	SW9050	Specific Conductivity	1.132		mmhos/cm
TOWER	MW10-W3M	15-Jul-97	SW9050	Specific Conductivity	0.914		mmhos/cm
TOWER	MW10-W3M	15-Oct-97	SW9050	Specific Conductivity	1.457		mmhos/cm
TOWER	MW10-W3M	13-Jan-98	SW9050	Specific Conductivity	1.336		mmhos/cm
TOWER	MW10-W3M	15-Apr-98	SW9050	Specific Conductivity	1.306		mmhos/cm
TOWER	MW10-W3M	15-Jul-98	SW9050	Specific Conductivity	1.355		ms/cm
TOWER	MW10-W3M	14-Oct-98	SW9050	Specific Conductivity	1.54		ms/cm
TOWER	MW10-W3M	12-Jan-99	SW9050	Specific Conductivity	1.282		ms/cm
TOWER	MW10-W3U	14-Oct-95	SW9050	Specific Conductivity	1.236		mmhos/cm
TOWER	MW10-W3U	4-Dec-95	SW9050	Specific Conductivity	1.273		mmhos/cm
TOWER	MW10-W3U	19-Jun-96	SW9050	Specific Conductivity	1.41		mmhos/cm
TOWER	MW10-W3U	9-Nov-96	SW9050	Specific Conductivity	1.249		mmhos/cm
TOWER	MW10-W3U	10-Jan-97	SW9050	Specific Conductivity	1.372		mmhos/cm
TOWER	MW10-W3U	7-Apr-97	SW9050	Specific Conductivity	1.67		mmhos/cm
TOWER	MW10-W3U	6-Aug-97	SW9050	Specific Conductivity	1.469		mmhos/cm
TOWER	MW10-W3U	11-Oct-97	SW9050	Specific Conductivity	1.222		mmhos/cm
TOWER	MW10-W3U	10-Jan-98	SW9050	Specific Conductivity	1.65		mmhos/cm
TOWER	MW10-W3U	14-Apr-98	SW9050	Specific Conductivity	1.48		mmhos/cm
TOWER	MW10-W3U	12-Jul-98	SW9050	Specific Conductivity	1.44		ms/cm
TOWER	MW10-W3U	11-Oct-98	SW9050	Specific Conductivity	1.458		ms/cm
TOWER	MW10-W3U	9-Jan-99	SW9050	Specific Conductivity	1.399		ms/cm
TOWER	MW10-W4	3-Jan-97	SW9050	Specific Conductivity	2.2		mmhos/cm
TOWER	MW10-W4	12-Jul-97	SW9050	Specific Conductivity	1.176		mmhos/cm
TOWER	MW10-W4	12-Apr-98	SW9050	Specific Conductivity	1.459		mmhos/cm
TOWER	MW10-W42U	9-Jan-00	SW9050	Specific Conductivity	1730		UMHOS/CM
TOWER	MW10-W5U	13-Mar-94	SW9050	Specific Conductivity	1.96		mmhos/cm
TOWER	MW10-W5U	9-Jun-94	SW9050	Specific Conductivity	1.81		mmhos/cm
TOWER	MW10-W5U	13-Sep-94	SW9050	Specific Conductivity	0.303		mmhos/cm
TOWER	MW10-W5U	13-Dec-94	SW9050	Specific Conductivity	1.303		mmhos/cm
TOWER	MW10-W5U	13-Mar-95	SW9050	Specific Conductivity	1.361		mmhos/cm
TOWER	MW10-W5U	19-Jun-95	SW9050	Specific Conductivity	1.411		mmhos/cm
TOWER	MW10-W5U	19-Oct-95	SW9050	Specific Conductivity	1.242		mmhos/cm
TOWER	MW10-W5U	7-Dec-95	SW9050	Specific Conductivity	1.206		mmhos/cm
TOWER	MW10-W5U	14-Jun-96	SW9050	Specific Conductivity	1.167		mmhos/cm
TOWER	MW10-W5U	9-Oct-96	SW9050	Specific Conductivity	1.053		mmhos/cm
TOWER	MW10-W5U	9-Jan-97	SW9050	Specific Conductivity	0.998		mmhos/cm
TOWER	MW10-W5U	6-Apr-97	SW9050	Specific Conductivity	1.246		mmhos/cm
TOWER	MW10-W5U	7-Aug-97	SW9050	Specific Conductivity	1.329		mmhos/cm
TOWER	MW10-W5U	12-Oct-97	SW9050	Specific Conductivity	1.244		mmhos/cm
TOWER	MW10-W5U	9-Jan-98	SW9050	Specific Conductivity	1.83		mmhos/cm
TOWER	MW10-W5U	12-Apr-98	SW9050	Specific Conductivity	1.419		mmhos/cm
TOWER	MW10-W5U	10-Jul-98	SW9050	Specific Conductivity	1.305		ms/cm
TOWER	MW10-W5U	11-Oct-98	SW9050	Specific Conductivity	1.161		ms/cm
TOWER	MW10-W5U	8-Jan-99	SW9050	Specific Conductivity	1.137		PH UNITS
TOWER	MW10-W5U	8-Apr-99	SW9050	Specific Conductivity	1.681		UMHOS/CM
TOWER	MW10-W5U	9-Jul-99	SW9050	Specific Conductivity	1.185		UMHOS/CM
TOWER	MW10-W5U	12-Oct-99	SW9050	Specific Conductivity	1399		UMHOS/CM
TOWER	MW10-W5U	11-Jan-00	SW9050	Specific Conductivity	1146		UMHOS/CM
TOWER	MW10-W6	9-Jun-94	SW9050	Specific Conductivity	2.02		mmhos/cm
TOWER	MW10-W6	4-Jan-97	SW9050	Specific Conductivity	1.258		mmhos/cm
TOWER	MW10-W6	3-Apr-97	SW9050	Specific Conductivity	1.59		mmhos/cm
TOWER	MW10-W6	7-Oct-97	SW9050	Specific Conductivity	1.85		mmhos/cm
TOWER	MW10-W6	8-Jan-98	SW9050	Specific Conductivity	1.251		mmhos/cm
TOWER	MW10-W6	11-Jul-98	SW9050	Specific Conductivity	0.579		ms/cm
TOWER	MW10-W7	13-Mar-94	SW9050	Specific Conductivity	2.38		mmhos/cm
TOWER	MW10-W7	9-Jun-94	SW9050	Specific Conductivity	2.31		mmhos/cm

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TOWER	MW10-W7	11-Jul-97	SW9050	Specific Conductivity	1.77		mmhos/cm
TOWER	MW10-W7	9-Jan-98	SW9050	Specific Conductivity	2.29		mmhos/cm
TOWER	MW10-W7	7-Apr-98	SW9050	Specific Conductivity	1.93		mmhos/cm
TOWER	MW10-W9L	16-Jun-96	SW9050	Specific Conductivity	1.331		mmhos/cm
TOWER	MW10-W9L	10-Nov-96	SW9050	Specific Conductivity	1.287		mmhos/cm
TOWER	MW10-W9L	10-Jan-97	SW9050	Specific Conductivity	1.248		mmhos/cm
TOWER	MW10-W9L	22-Apr-97	SW9050	Specific Conductivity	1.83		mmhos/cm
TOWER	MW10-W9L	14-Jul-97	SW9050	Specific Conductivity	1.334		mmhos/cm
TOWER	MW10-W9L	15-Oct-97	SW9050	Specific Conductivity	1.63		mmhos/cm
TOWER	MW10-W9L	11-Jan-98	SW9050	Specific Conductivity	1.495		mmhos/cm
TOWER	MW10-W9L	13-Apr-98	SW9050	Specific Conductivity	1.432		mmhos/cm
TOWER	MW10-W9L	13-Jul-98	SW9050	Specific Conductivity	1.362		ms/cm
TOWER	MW10-W9L	11-Oct-98	SW9050	Specific Conductivity	1.663		ms/cm
TOWER	MW10-W9L	11-Jan-99	SW9050	Specific Conductivity	1.73		ms/cm
TOWER	MW10-W9L	13-Apr-99	SW9050	Specific Conductivity	1.63		UMHOS/CM
TOWER	MW10-W9L	14-Jul-99	SW9050	Specific Conductivity	1.853		UMHOS/CM
TOWER	MW10-W9L	12-Oct-99	SW9050	Specific Conductivity	1770		UMHOS/CM
TOWER	MW10-W9L	12-Jan-00	SW9050	Specific Conductivity	1343		UMHOS/CM
TOWER	MW10-W9U	15-Jun-96	SW9050	Specific Conductivity	1.58		mmhos/cm
TOWER	MW10-W9U	9-Oct-96	SW9050	Specific Conductivity	1.467		mmhos/cm
TOWER	MW10-W9U	9-Jan-97	SW9050	Specific Conductivity	1.407		mmhos/cm
TOWER	MW10-W9U	21-Apr-97	SW9050	Specific Conductivity	1.75		mmhos/cm
TOWER	MW10-W9U	13-Jul-97	SW9050	Specific Conductivity	1.284		mmhos/cm
TOWER	MW10-W9U	14-Oct-97	SW9050	Specific Conductivity	1.64		mmhos/cm
TOWER	MW10-W9U	12-Jan-98	SW9050	Specific Conductivity	1.594		mmhos/cm
TOWER	MW10-W9U	14-Apr-98	SW9050	Specific Conductivity	1.7		mmhos/cm
TOWER	MW10-W9U	12-Jul-98	SW9050	Specific Conductivity	1.56		ms/cm
TOWER	MW10-W9U	12-Oct-98	SW9050	Specific Conductivity	1.88		ms/cm
TOWER	MW10-W9U	10-Jan-99	SW9050	Specific Conductivity	1.81		ms/cm
TOWER	MW10-W9U	13-Apr-99	SW9050	Specific Conductivity	1.284		UMHOS/CM
TOWER	MW10-W9U	14-Jul-99	SW9050	Specific Conductivity	1.922		UMHOS/CM
TOWER	MW10-W9U	12-Oct-99	SW9050	Specific Conductivity	1750		UMHOS/CM
TOWER	MWP-3	10-Mar-94	SW9050	Specific Conductivity	1.77		mmhos/cm
TOWER	MWP-3	8-Jun-94	SW9050	Specific Conductivity	1.84		mmhos/cm
TOWER	MWP-3	13-Sep-94	SW9050	Specific Conductivity	1.84		mmhos/cm
TOWER	MWP-3	7-Mar-95	SW9050	Specific Conductivity	0.603		mmhos/cm
TOWER	MWP-3	15-Jun-95	SW9050	Specific Conductivity	1.71		mmhos/cm
TOWER	MWP-3	17-Oct-95	SW9050	Specific Conductivity	1.71		mmhos/cm
TOWER	MWP-3	5-Dec-95	SW9050	Specific Conductivity	1.6		mmhos/cm
TOWER	MWP-3	1-Oct-96	SW9050	Specific Conductivity	1.57		mmhos/cm
TOWER	MWP-3	8-Jan-97	SW9050	Specific Conductivity	1.63		mmhos/cm
TOWER	MWP-3	3-Apr-97	SW9050	Specific Conductivity	1.66		mmhos/cm
TOWER	MWP-3	11-Jul-97	SW9050	Specific Conductivity	1.55		mmhos/cm
TOWER	MWP-3	10-Oct-97	SW9050	Specific Conductivity	1.81		mmhos/cm
TOWER	MWP-3	10-Jan-98	SW9050	Specific Conductivity	2		mmhos/cm
TOWER	MWP-3	13-Apr-98	SW9050	Specific Conductivity	1.89		mmhos/cm
TOWER	MWP-3	12-Jul-98	SW9050	Specific Conductivity	2.025		ms/cm
TOWER	MWP-3	10-Oct-98	SW9050	Specific Conductivity	2.16		ms/cm
TOWER	MWP-3	10-Jan-99	SW9050	Specific Conductivity	1.81		ms/cm
TOWER	MWP-4	10-Mar-94	SW9050	Specific Conductivity	2.03		mmhos/cm
TOWER	MWP-4	9-Jun-94	SW9050	Specific Conductivity	2.17		mmhos/cm
TOWER	MWP-4	5-Dec-95	SW9050	Specific Conductivity	1.74		mmhos/cm
TOWER	OB-1	11-Mar-94	SW9050	Specific Conductivity	1.63		mmhos/cm
TOWER	OB-1	14-Jun-94	SW9050	Specific Conductivity	0.59		mmhos/cm
TOWER	OB-1	20-Sep-94	SW9050	Specific Conductivity	1.52		mmhos/cm
TOWER	OB-1	15-Dec-94	SW9050	Specific Conductivity	1.45		mmhos/cm
TOWER	OB-1	8-Mar-95	SW9050	Specific Conductivity	1.57		mmhos/cm
TOWER	OB-1	15-Jun-95	SW9050	Specific Conductivity	0.52		mmhos/cm
TOWER	OB-1	13-Sep-95	SW9050	Specific Conductivity	1.6		mmhos/cm
TOWER	OB-1	5-Dec-95	SW9050	Specific Conductivity	1.481		mmhos/cm
TOWER	OB-3	12-Mar-94	SW9050	Specific Conductivity	1.91		mmhos/cm
TOWER	OB-3	9-Jun-94	SW9050	Specific Conductivity	1.86		mmhos/cm
TOWER	OB-3	16-Sep-94	SW9050	Specific Conductivity	1.6		mmhos/cm
TOWER	OB-3	14-Dec-94	SW9050	Specific Conductivity	1.63		mmhos/cm
TOWER	OB-3	11-Mar-95	SW9050	Specific Conductivity	1.78		mmhos/cm
TOWER	OB-3	18-Jun-95	SW9050	Specific Conductivity	1.73		mmhos/cm
TOWER	OB-3	18-Oct-95	SW9050	Specific Conductivity	1.57		mmhos/cm
TOWER	OB-3	4-Dec-95	SW9050	Specific Conductivity	1.69		mmhos/cm

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TOWER	OB-3	8-Oct-96	SW9050	Specific Conductivity	1.61		mmhos/cm
TOWER	OB-3	9-Jan-97	SW9050	Specific Conductivity	1.49		mmhos/cm
TOWER	OB-3	7-Apr-97	SW9050	Specific Conductivity	1.86		mmhos/cm
TOWER	OB-3	12-Jul-97	SW9050	Specific Conductivity	1.444		mmhos/cm
TOWER	OB-3	12-Oct-97	SW9050	Specific Conductivity	1.301		mmhos/cm
TOWER	OB-3	9-Jan-98	SW9050	Specific Conductivity	2.02		mmhos/cm
TOWER	OB-3	12-Apr-98	SW9050	Specific Conductivity	1.57		mmhos/cm
TOWER	OB-3	10-Jul-98	SW9050	Specific Conductivity	1.56		ms/cm
TOWER	OB-3	11-Oct-98	SW9050	Specific Conductivity	1.529		ms/cm
TOWER	OB-3	9-Jan-99	SW9050	Specific Conductivity	1.53		ms/cm
TOWER	OB-4	15-Mar-94	SW9050	Specific Conductivity	1.59		mmhos/cm
TOWER	OB-4	10-Jun-94	SW9050	Specific Conductivity	1.59		mmhos/cm
TOWER	OB-4	16-Sep-94	SW9050	Specific Conductivity	1.369		mmhos/cm
TOWER	OB-4	14-Dec-94	SW9050	Specific Conductivity	1.432		mmhos/cm
TOWER	OB-4	12-Mar-95	SW9050	Specific Conductivity	1.45		mmhos/cm
TOWER	OB-4	19-Jun-95	SW9050	Specific Conductivity	1.51		mmhos/cm
TOWER	OB-4	19-Oct-95	SW9050	Specific Conductivity	1.275		mmhos/cm
TOWER	OB-4	4-Dec-95	SW9050	Specific Conductivity	1.29		mmhos/cm
TOWER	OB-4	8-Oct-96	SW9050	Specific Conductivity	1.398		mmhos/cm
TOWER	OB-4	10-Jan-97	SW9050	Specific Conductivity	1.39		mmhos/cm
TOWER	OB-4	9-Apr-97	SW9050	Specific Conductivity	1.87		mmhos/cm
TOWER	OB-4	15-Jul-97	SW9050	Specific Conductivity	4.96		mmhos/cm
TOWER	OB-4	15-Oct-97	SW9050	Specific Conductivity	1.219		mmhos/cm
TOWER	OB-4	14-Jan-98	SW9050	Specific Conductivity	1.319		mmhos/cm
TOWER	OB-4	15-Apr-98	SW9050	Specific Conductivity	1.3		mmhos/cm
TOWER	OB-4	14-Jul-98	SW9050	Specific Conductivity	1.26		ms/cm
TOWER	OB-4	14-Oct-98	SW9050	Specific Conductivity	1.548		ms/cm
TOWER	OB-4	12-Jan-99	SW9050	Specific Conductivity	1.266		ms/cm
TOWER	OB-4	14-Apr-99	SW9050	Specific Conductivity	1.63		UMHOS/CM
TOWER	OB-4	14-Jul-99	SW9050	Specific Conductivity	1.283		UMHOS/CM
TOWER	OB-4	16-Oct-99	SW9050	Specific Conductivity	1302		UMHOS/CM
TOWER	OB-4	13-Jan-00	SW9050	Specific Conductivity	1376		UMHOS/CM
TOWER	OB-5	11-Mar-94	SW9050	Specific Conductivity	1.69		mmhos/cm
TOWER	OB-S	16-Dec-94	SW9050	Specific Conductivity	1.58		mmhos/cm
TOWER	OB-S	21-Jun-95	SW9050	Specific Conductivity	0.192		mmhos/cm
TOWER	OB-S	18-Oct-95	SW9050	Specific Conductivity	1.56		mmhos/cm
TOWER	OB-S	5-Dec-95	SW9050	Specific Conductivity	1.68		mmhos/cm
TOWER	OB-S	15-Apr-98	SW9050	Specific Conductivity	1.77		mmhos/cm
TOWER	OW-1	15-Mar-94	SW9050	Specific Conductivity	1.87		mmhos/cm
TOWER	OW-1	9-Jun-94	SW9050	Specific Conductivity	1.83		mmhos/cm
TOWER	OW-1	18-Sep-94	SW9050	Specific Conductivity	1.74		mmhos/cm
TOWER	OW-1	11-Mar-95	SW9050	Specific Conductivity	1.75		mmhos/cm
TOWER	OW-1	18-Jun-95	SW9050	Specific Conductivity	1.7		mmhos/cm
TOWER	OW-1	15-Sep-95	SW9050	Specific Conductivity	1.66		mmhos/cm
TOWER	OW-1	6-Dec-95	SW9050	Specific Conductivity	1.72		mmhos/cm
TOWER	OW-2	15-Mar-94	SW9050	Specific Conductivity	1.91		mmhos/cm
TOWER	OW-2	9-Jun-94	SW9050	Specific Conductivity	1.88		mmhos/cm
TOWER	OW-2	18-Sep-94	SW9050	Specific Conductivity	1.87		mmhos/cm
TOWER	OW-2	18-Jun-95	SW9050	Specific Conductivity	1.8		mmhos/cm
TOWER	OW-2	13-Sep-95	SW9050	Specific Conductivity	2.01		mmhos/cm
TOWER	OW-2	6-Dec-95	SW9050	Specific Conductivity	1.96		mmhos/cm
TOWER	OW-2	2-Apr-97	SW9050	Specific Conductivity	1.57		mmhos/cm
TOWER	OW-3	14-Mar-94	SW9050	Specific Conductivity	1.168		mmhos/cm
TOWER	OW-3	10-Jun-94	SW9050	Specific Conductivity	1.267		mmhos/cm
TOWER	OW-3	18-Sep-94	SW9050	Specific Conductivity	1.181		mmhos/cm
TOWER	OW-3	17-Jun-95	SW9050	Specific Conductivity	1.083		mmhos/cm
TOWER	OW-3	15-Oct-95	SW9050	Specific Conductivity	1.032		mmhos/cm
TOWER	OW-3	3-Dec-95	SW9050	Specific Conductivity	1.086		mmhos/cm
TOWER	OW-3	4-Apr-97	SW9050	Specific Conductivity	1.272		mmhos/cm
TOWER	OW-4	14-Mar-94	SW9050	Specific Conductivity	1.388		mmhos/cm
TOWER	OW-4	12-Jun-94	SW9050	Specific Conductivity	1.289		mmhos/cm
TOWER	OW-4	18-Sep-94	SW9050	Specific Conductivity	1.306		mmhos/cm
TOWER	OW-4	17-Jun-95	SW9050	Specific Conductivity	1.158		mmhos/cm
TOWER	OW-4	15-Oct-95	SW9050	Specific Conductivity	1.016		mmhos/cm
TOWER	OW-4	4-Dec-95	SW9050	Specific Conductivity	1.255		mmhos/cm
TOWER	OW-4	3-Apr-97	SW9050	Specific Conductivity	1.356		mmhos/cm
TOWER	PIEZ-2	16-Dec-94	SW9050	Specific Conductivity	1.58		mmhos/cm
TOWER	PIEZ-2	11-Mar-95	SW9050	Specific Conductivity	1.61		mmhos/cm

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TOWER	PIEZ-2	18-Jun-95	SW9050	Specific Conductivity	1.52		mmhos/cm
TOWER	PIEZ-2	19-Oct-95	SW9050	Specific Conductivity	1.453		mmhos/cm
TOWER	PIEZ-2	6-Dec-95	SW9050	Specific Conductivity	1.59		mmhos/cm
TOWER	PIEZ-2	15-Apr-98	SW9050	Specific Conductivity	1.452		mmhos/cm
TOWER	WS-12	14-Jul-98	SW9050	Specific Conductivity	0.902		ms/cm
TOWER	WS-8	13-Mar-94	SW9050	Specific Conductivity	1.62		mmhos/cm
TOWER	WS-8	12-Jun-94	SW9050	Specific Conductivity	1.408		mmhos/cm
TOWER	WS-8	18-Sep-94	SW9050	Specific Conductivity	1.361		mmhos/cm
TOWER	WS-8	14-Dec-94	SW9050	Specific Conductivity	1.355		mmhos/cm
TOWER	WS-8	12-Mar-95	SW9050	Specific Conductivity	1.319		mmhos/cm
TOWER	WS-8	20-Jun-95	SW9050	Specific Conductivity	1.193		mmhos/cm
TOWER	WS-8	15-Sep-95	SW9050	Specific Conductivity	1.253		mmhos/cm
TOWER	WS-8	4-Dec-95	SW9050	Specific Conductivity	1.237		mmhos/cm
TOWER	WS-9	16-Mar-94	SW9050	Specific Conductivity	1.007		mmhos/cm
JS-18	DW004	15-Feb-98	E524.2	Tetrachloroethene	0.5	0.5	ug/L
JS-18	DW004	13-May-98	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-18	DW004	20-Aug-98	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-18	DW004	9-Feb-99	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-18	DW004	12-Aug-99	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-18	DW004	9-Nov-99	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW101	20-Apr-95	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW254	18-Oct-94	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-16	DW254	19-Jan-95	E524.2	Tetrachloroethene	1	0.5	ug/L
JS-16	DW254	21-Apr-95	E524.2	Tetrachloroethene	0.9	0.5	ug/L
JS-16	DW254	14-Jul-95	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW279	19-Jan-95	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW279	19-Apr-95	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW279	18-Oct-95	E524.2	Tetrachloroethene	0.5	0.5	ug/L
JS-16	DW279	24-Jan-96	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-16	DW279	23-Apr-96	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW279	17-Jul-96	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW279	17-Oct-96	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW282	20-Apr-95	E524.2	Tetrachloroethene	0.5	0.5	ug/L
JS-16	DW282	13-Jul-95	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW282	20-Oct-95	E524.2	Tetrachloroethene	1	0.5	ug/L
JS-16	DW282	23-Jan-96	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-16	DW282	23-Apr-96	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-16	DW294	18-May-97	E524.2	Tetrachloroethene	0.5	0.5	ug/L
JS-16	DW294	21-Aug-97	E524.2	Tetrachloroethene	0.5	0.5	ug/L
JS-16	DW294	11-Nov-97	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW363	20-Apr-95	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW363	13-Jul-95	E524.2	Tetrachloroethene	0.5	0.5	ug/L
JS-16	DW363	20-Oct-95	E524.2	Tetrachloroethene	0.5	0.5	ug/L
JS-16	DW366	20-Oct-94	E524.2	Tetrachloroethene	1	0.5	ug/L
JS-16	DW366	20-Jan-95	E524.2	Tetrachloroethene	0.8	0.5	ug/L
JS-16	DW367	20-Jan-95	E524.2	Tetrachloroethene	0.9	0.5	ug/L
JS-16	DW367	22-Apr-95	E524.2	Tetrachloroethene	0.8	0.5	ug/L
JS-16	DW367	14-Jul-95	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-16	DW367	19-Oct-95	E524.2	Tetrachloroethene	0.9	0.5	ug/L
JS-16	DW367	27-Jan-96	E524.2	Tetrachloroethene	1.1	0.5	ug/L
JS-16	DW367	27-Apr-96	E524.2	Tetrachloroethene	1.2	0.5	ug/L
JS-16	DW367	17-Jul-96	E524.2	Tetrachloroethene	1.3	0.5	ug/L
JS-16	DW367	18-Oct-96	E524.2	Tetrachloroethene	1.1	0.5	ug/L
JS-16	DW367	15-Feb-97	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-16	DW367	16-May-97	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-16	DW367	20-Aug-97	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-16	DW367	11-Nov-97	E524.2	Tetrachloroethene	0.9	0.5	ug/L
JS-16	DW367	13-Feb-98	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-19	DW378	24-Jan-95	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-19	DW378	25-Apr-95	E524.2	Tetrachloroethene	1.9	0.5	ug/L
JS-19	DW378	17-Jul-95	E524.2	Tetrachloroethene	1.7	0.5	ug/L
JS-19	DW378	20-Oct-95	E524.2	Tetrachloroethene	1.5	0.5	ug/L
JS-19	DW378	26-Apr-96	E524.2	Tetrachloroethene	1	0.5	ug/L
JS-19	DW378	22-Jul-96	E524.2	Tetrachloroethene	2.3	0.5	ug/L
JS-19	DW378	21-Oct-96	E524.2	Tetrachloroethene	1.6	0.5	ug/L
JS-19	DW378	13-Feb-97	E524.2	Tetrachloroethene	1.1	0.5	ug/L
JS-19	DW378	21-Aug-97	E524.2	Tetrachloroethene	1	0.5	ug/L
JS-19	DW378	12-Nov-97	E524.2	Tetrachloroethene	0.5	0.5	ug/L

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JS-19	DW403	21-Jan-95	E524.2	Tetrachloroethene	0.5	0.5	ug/L
JS-18	DW442	16-Jul-95	E524.2	Tetrachloroethene	1.9	0.5	ug/L
JS-18	DW442	22-Oct-95	E524.2	Tetrachloroethene	2.2	1	ug/L
JS-18	DW442	27-Jan-96	E524.2	Tetrachloroethene	1.8	0.5	ug/L
JS-18	DW442	27-Apr-96	E524.2	Tetrachloroethene	2.6	0.5	ug/L
JS-18	DW442	21-Jul-96	E524.2	Tetrachloroethene	2.9	0.5	ug/L
JS-18	DW442	19-Oct-96	E524.2	Tetrachloroethene	3.1	0.5	ug/L
JS-18	DW442	16-Feb-97	E524.2	Tetrachloroethene	2.6	0.5	ug/L
JS-18	DW442	17-May-97	E524.2	Tetrachloroethene	3.1	0.5	ug/L
JS-18	DW442	22-Aug-97	E524.2	Tetrachloroethene	3.4	0.5	ug/L
JS-18	DW442	13-Nov-97	E524.2	Tetrachloroethene	2.4	0.5	ug/L
JS-18	DW442	15-Feb-98	E524.2	Tetrachloroethene	3.2	0.5	ug/L
JS-18	DW442	12-May-98	E524.2	Tetrachloroethene	3.5	0.5	ug/L
JS-18	DW442	20-Aug-98	E524.2	Tetrachloroethene	3.4	0.5	ug/L
JS-18	DW442	20-Nov-98	E524.2	Tetrachloroethene	3.7	0.5	ug/L
JS-18	DW442	9-Feb-99	E524.2	Tetrachloroethene	2.7	0.5	ug/L
JS-18	DW442	20-May-99	E524.2	Tetrachloroethene	2.7	0.5	ug/L
JS-18	DW442	12-Aug-99	E524.2	Tetrachloroethene	3.1	0.5	ug/L
JS-18	DW442	12-Nov-99	E524.2	Tetrachloroethene	2.5	0.5	ug/L
TOWER	EW-P15U	15-Oct-97	SW8260	Tetrachloroethene	0.121	0.092	ug/L
TOWER	EW-P15U	14-Jul-98	SW8260	Tetrachloroethene	0.0572	0.0515	ug/L
JS-18	IR352	21-Oct-94	E524.2	Tetrachloroethene	1	0.5	ug/L
JS-18	IR442	21-Oct-94	E524.2	Tetrachloroethene	1.5	0.5	ug/L
JS-18	IR442	21-Jan-95	E524.2	Tetrachloroethene	1.4	0.5	ug/L
JS-18	IR442	25-Apr-95	E524.2	Tetrachloroethene	1.4	0.5	ug/L
JS-18	IR471	20-Oct-94	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-18	IR471	20-Jan-95	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-18	IR471	23-Apr-95	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-18	IR471	17-Jul-95	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-18	IR471	22-Oct-95	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-18	IR471	29-Jan-96	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-18	IR471	27-Apr-96	E524.2	Tetrachloroethene	0.9	0.5	ug/L
JS-18	IR471	21-Jul-96	E524.2	Tetrachloroethene	1	0.5	ug/L
JS-18	IR471	20-Oct-96	E524.2	Tetrachloroethene	0.8	0.5	ug/L
JS-18	IR471	16-Feb-97	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-18	IR471	18-May-97	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-18	IR471	22-Aug-97	E524.2	Tetrachloroethene	0.8	0.5	ug/L
JS-18	IR471	15-Nov-97	E524.2	Tetrachloroethene	0.6	0.5	ug/L
JS-18	IR471	13-Feb-98	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-18	IR471	15-May-98	E524.2	Tetrachloroethene	0.7	0.5	ug/L
JS-18	IR471	21-Aug-98	E524.2	Tetrachloroethene	0.9	0.5	ug/L
JS-18	IR471	18-Nov-98	E524.2	Tetrachloroethene	1.1	0.5	ug/L
JS-18	IR471	13-Aug-99	E524.2	Tetrachloroethene	1.3	0.5	ug/L
JS-18	IR471	9-Nov-99	E524.2	Tetrachloroethene	1.1	0.5	ug/L
TOWER	MW10-W18L	15-Oct-97	SW8260	Tetrachloroethene	0.182	0.092	ug/L
TOWER	MW10-W18L	14-Jul-98	SW8260	Tetrachloroethene	0.186	0.0515	ug/L
TOWER	MW10-W18L	16-Oct-99	SW8260B	Tetrachloroethene	0.303	0.114	ug/L
TOWER	MW10-W18L	13-Jan-00	SW8260B	Tetrachloroethene	0.329	0.0568	ug/L
TOWER	MW10-W18U	22-Apr-97	SW8260	Tetrachloroethene	0.3	0.0795	ug/L
TOWER	MW10-W18U	14-Jan-98	SW8260	Tetrachloroethene	0.336	0.184	ug/L
TOWER	MW10-W18U	14-Jul-98	SW8260	Tetrachloroethene	0.309	0.0515	ug/L
TOWER	MW10-W18U	12-Jan-99	SW8260B	Tetrachloroethene	0.343	0.0515	ug/L
TOWER	MW10-W20U	13-Jul-99	SW8260B	Tetrachloroethene	0.19	0.114	ug/L
TOWER	MW10-W2U	13-Jul-98	SW8260	Tetrachloroethene	0.0581	0.0515	ug/L
TOWER	MW10-W31M	12-Jan-99	SW8260B	Tetrachloroethene	0.148	0.0515	ug/L
TOWER	MW10-W31M	13-Apr-99	SW8260B	Tetrachloroethene	0.126	0.114	ug/L
TOWER	MW10-W31M	15-Oct-99	SW8260B	Tetrachloroethene	0.185	0.114	ug/L
TOWER	MW10-W42U	9-Jan-00	SW8260B	Tetrachloroethene	0.231	0.0568	ug/L
TOWER	MW10-W5U	13-Mar-94	SW8260	Tetrachloroethene	1.82	0.209	ug/L
TOWER	MW10-W5U	9-Jun-94	SW8260	Tetrachloroethene	1.1	0.209	ug/L
TOWER	MW10-W5U	13-Sep-94	SW8260	Tetrachloroethene	0.82	0.358	ug/L
TOWER	MW10-W5U	14-Jun-96	SW8260	Tetrachloroethene	0.56	0.0959	ug/L
TOWER	MW10-W5U	9-Oct-96	SW8260	Tetrachloroethene	0.608	0.167	ug/L
TOWER	MW10-W5U	9-Jan-97	SW8260	Tetrachloroethene	0.513	0.167	ug/L
TOWER	MW10-W5U	6-Apr-97	SW8260	Tetrachloroethene	0.658	0.092	ug/L
TOWER	MW10-W5U	7-Aug-97	SW8260	Tetrachloroethene	0.753	0.092	ug/L
TOWER	MW10-W5U	12-Oct-97	SW8260	Tetrachloroethene	0.411	0.184	ug/L
TOWER	MW10-W5U	9-Jan-98	SW8260	Tetrachloroethene	0.269	0.184	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W5U	12-Apr-98	SW8260	Tetrachloroethene	0.212	0.0515	ug/L
TOWER	MW10-W5U	10-Jul-98	SW8260	Tetrachloroethene	0.445	0.0515	ug/L
TOWER	MW10-W5U	11-Oct-98	SW8260B	Tetrachloroethene	0.596	0.34	ug/L
TOWER	MW10-W5U	8-Jan-99	SW8260B	Tetrachloroethene	0.348	0.0515	ug/L
TOWER	MW10-W5U	8-Apr-99	SW8260B	Tetrachloroethene	0.41	0.34	ug/L
TOWER	MW10-W5U	9-Jul-99	SW8260B	Tetrachloroethene	0.365	0.142	ug/L
TOWER	MW10-W5U	12-Oct-99	SW8260B	Tetrachloroethene	0.362	0.0568	ug/L
TOWER	MW10-W5U	11-Jan-00	SW8260B	Tetrachloroethene	0.332	0.0568	ug/L
TOWER	OB-4	9-Apr-97	SW8260	Tetrachloroethene	0.217	0.092	ug/L
JS-18	DW001	21-Oct-94	E524.2	Trichloroethene	38	0.5	ug/L
JS-18	DW001	21-Jan-95	E524.2	Trichloroethene	38	0.5	ug/L
JS-18	DW001	25-Apr-95	E524.2	Trichloroethene	39	0.5	ug/L
JS-18	DW001	16-Jul-95	E524.2	Trichloroethene	41	0.5	ug/L
JS-18	DW001	22-Oct-95	E524.2	Trichloroethene	49	2.5	ug/L
JS-18	DW001	27-Jan-96	E524.2	Trichloroethene	47	0.5	ug/L
JS-18	DW001	27-Apr-96	E524.2	Trichloroethene	60	0.5	ug/L
JS-18	DW001	21-Jul-96	E524.2	Trichloroethene	54	1.3	ug/L
JS-18	DW001	19-Oct-96	E524.2	Trichloroethene	40	1	ug/L
JS-18	DW001	16-Feb-97	E524.2	Trichloroethene	18	0.5	ug/L
JS-18	DW001	18-May-97	E524.2	Trichloroethene	11	0.5	ug/L
JS-18	DW001	24-Aug-97	E524.2	Trichloroethene	5.6	0.5	ug/L
JS-18	DW001	13-Nov-97	E524.2	Trichloroethene	5.9	0.5	ug/L
JS-18	DW001	15-Feb-98	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-18	DW001	12-May-98	E524.2	Trichloroethene	4.6	0.5	ug/L
JS-18	DW001	20-Aug-98	E524.2	Trichloroethene	3.9	0.5	ug/L
JS-18	DW001	9-Feb-99	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-18	DW001	20-May-99	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-18	DW001-AF	25-Apr-95	E524.2	Trichloroethene	1.3	0.5	ug/L
JS-17	DW003	18-Oct-94	E524.2	Trichloroethene	55	0.5	ug/L
JS-17	DW003	19-Jan-95	E524.2	Trichloroethene	43	0.5	ug/L
JS-17	DW003	16-May-95	E524.2	Trichloroethene	50	0.5	ug/L
JS-17	DW003	14-Jul-95	E524.2	Trichloroethene	43	0.5	ug/L
JS-17	DW003	20-Oct-95	E524.2	Trichloroethene	49	2.5	ug/L
JS-17	DW003	23-Jan-96	E524.2	Trichloroethene	50	0.5	ug/L
JS-17	DW003	26-Apr-96	E524.2	Trichloroethene	48	0.5	ug/L
JS-17	DW003	21-Jul-96	E524.2	Trichloroethene	45	2	ug/L
JS-17	DW003	19-Oct-96	E524.2	Trichloroethene	47	2.5	ug/L
JS-17	DW003	13-Feb-97	E524.2	Trichloroethene	30	5	ug/L
JS-17	DW003	16-May-97	E524.2	Trichloroethene	38	1	ug/L
JS-17	DW003	21-Aug-97	E524.2	Trichloroethene	40	2.5	ug/L
JS-17	DW003	14-Nov-97	E524.2	Trichloroethene	41	1	ug/L
JS-17	DW003	12-Feb-98	E524.2	Trichloroethene	43	1.3	ug/L
JS-17	DW003	12-May-98	E524.2	Trichloroethene	43	2.5	ug/L
JS-17	DW003	19-Aug-98	E524.2	Trichloroethene	42	1.3	ug/L
JS-17	DW003	19-Nov-98	E524.2	Trichloroethene	34	1.3	ug/L
JS-17	DW003	10-Feb-99	E524.2	Trichloroethene	45	1.3	ug/L
JS-17	DW003	19-May-99	E524.2	Trichloroethene	33	0.5	ug/L
JS-17	DW003	11-Aug-99	E524.2	Trichloroethene	31	1	ug/L
JS-17	DW003	10-Nov-99	E524.2	Trichloroethene	31	1	ug/L
JS-17	DW003-AF	16-May-95	E524.2	Trichloroethene	1	0.5	ug/L
JS-18	DW004	20-Jan-94	E524.2	Trichloroethene	3.4	0.5	ug/L
JS-18	DW004	21-Oct-94	E524.2	Trichloroethene	3.6	0.5	ug/L
JS-18	DW004	24-Apr-95	E524.2	Trichloroethene	4.1	0.5	ug/L
JS-18	DW004	23-Oct-95	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-18	DW004	29-Jan-96	E524.2	Trichloroethene	5	0.5	ug/L
JS-18	DW004	27-Apr-96	E524.2	Trichloroethene	5	0.5	ug/L
JS-18	DW004	19-Jul-96	E524.2	Trichloroethene	5	0.5	ug/L
JS-18	DW004	20-Oct-96	E524.2	Trichloroethene	3.9	0.5	ug/L
JS-18	DW004	16-Feb-97	E524.2	Trichloroethene	2.7	0.5	ug/L
JS-18	DW004	16-May-97	E524.2	Trichloroethene	2.7	0.5	ug/L
JS-18	DW004	22-Aug-97	E524.2	Trichloroethene	2.8	0.5	ug/L
JS-18	DW004	15-Nov-97	E524.2	Trichloroethene	2.5	0.5	ug/L
JS-18	DW004	15-Feb-98	E524.2	Trichloroethene	2.3	0.5	ug/L
JS-18	DW004	13-May-98	E524.2	Trichloroethene	2.7	0.5	ug/L
JS-18	DW004	20-Aug-98	E524.2	Trichloroethene	2.4	0.5	ug/L
JS-18	DW004	9-Feb-99	E524.2	Trichloroethene	2.8	0.5	ug/L
JS-18	DW004	12-Aug-99	E524.2	Trichloroethene	3	0.5	ug/L
JS-18	DW004	9-Nov-99	E524.2	Trichloroethene	2.5	0.5	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-18	DW004-AF	16-Jul-95	E524.2	Trichloroethene	4.4	0.5	ug/L
JS-18	DW004-AF	29-Jan-96	E524.2	Trichloroethene	5.6	0.5	ug/L
JS-18	DW010	20-Oct-94	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW013	27-Jan-96	E524.2	Trichloroethene	67	0.5	ug/L
JS-17	DW013	18-May-97	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW013	22-Aug-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW013	13-Nov-97	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW013	12-Feb-98	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-17	DW013	13-May-98	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW013	21-Aug-98	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW013	19-Nov-98	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-17	DW013	19-May-99	E524.2	Trichloroethene	1.3	0.5	ug/L
JS-17	DW013	12-Aug-99	E524.2	Trichloroethene	15	0.5	ug/L
JS-17	DW013	11-Nov-99	E524.2	Trichloroethene	1	0.5	ug/L
JS-17	DW014	19-Oct-94	E524.2	Trichloroethene	19	0.5	ug/L
JS-17	DW015	19-Jan-95	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-17	DW015	14-Jul-95	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-17	DW015	20-Oct-95	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW015	27-Apr-96	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW015	21-Jul-96	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW015	20-Oct-96	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW015	15-Feb-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW015	18-May-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW015	12-Feb-98	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW015	13-May-98	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW015	19-Aug-98	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW015	19-Nov-98	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW015	10-Feb-99	E524.2	Trichloroethene	3	0.5	ug/L
JS-17	DW015	18-May-99	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW015	11-Aug-99	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW015	10-Nov-99	E524.2	Trichloroethene	2.5	0.5	ug/L
JS-17	DW016	27-Jan-96	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW016	21-Jul-96	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW016	12-Feb-98	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW016	19-Nov-98	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW016	10-Feb-99	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW024	21-Jul-96	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	DW024	17-May-97	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	DW024	22-Aug-97	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	DW024	13-Nov-97	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-16	DW199	18-Aug-98	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-16	DW200	15-May-98	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-16	DW200	19-Aug-98	E524.2	Trichloroethene	1.2	0.5	ug/L
JS-16	DW200	17-Nov-98	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-16	DW200	9-Feb-99	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-16	DW200	12-Aug-99	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-16	DW200	9-Nov-99	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-16	DW201	13-Feb-97	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-16	DW201	20-Aug-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-16	DW201	10-Nov-97	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-16	DW201	10-Feb-98	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-16	DW201	13-May-98	E524.2	Trichloroethene	1	0.5	ug/L
JS-16	DW201	19-Aug-98	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-16	DW201	18-Nov-98	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-16	DW201	10-Feb-99	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-16	DW201	18-May-99	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-16	DW201	10-Nov-99	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-16	DW216	8-Nov-99	E524.2	Trichloroethene	2.4	0.5	ug/L
JS-4	DW223	17-Oct-94	E524.2	Trichloroethene	1.2	0.5	ug/L
JS-4	DW223	17-Jan-95	E524.2	Trichloroethene	1.6	0.5	ug/L
JS-4	DW223	22-Apr-95	E524.2	Trichloroethene	1.8	0.5	ug/L
JS-4	DW223	13-Jul-95	E524.2	Trichloroethene	1.7	0.5	ug/L
JS-4	DW223	19-Oct-95	E524.2	Trichloroethene	2.2	0.5	ug/L
JS-4	DW223	26-Jan-96	E524.2	Trichloroethene	2.4	0.5	ug/L
JS-4	DW223	25-Apr-96	E524.2	Trichloroethene	2.8	0.5	ug/L
JS-4	DW223	18-Jul-96	E524.2	Trichloroethene	2.9	0.5	ug/L
JS-4	DW223	21-Oct-96	E524.2	Trichloroethene	2.9	0.5	ug/L
JS-4	DW223	12-Feb-97	E524.2	Trichloroethene	3	0.5	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-4	DW223	15-May-97	E524.2	Trichloroethene	3.2	0.5	ug/L
JS-4	DW223	23-Aug-97	E524.2	Trichloroethene	3.2	0.5	ug/L
JS-4	DW223	11-Nov-97	E524.2	Trichloroethene	3.5	0.5	ug/L
JS-4	DW223	14-Feb-98	E524.2	Trichloroethene	2.5	0.5	ug/L
JS-4	DW223	11-May-98	E524.2	Trichloroethene	2.9	0.5	ug/L
JS-4	DW223	20-Aug-98	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-4	DW223	17-Nov-98	E524.2	Trichloroethene	3.2	0.5	ug/L
JS-4	DW223	11-Feb-99	E524.2	Trichloroethene	4	0.5	ug/L
JS-4	DW223	21-May-99	E524.2	Trichloroethene	3.4	0.5	ug/L
JS-4	DW223	13-Aug-99	E524.2	Trichloroethene	3.5	0.5	ug/L
JS-4	DW223	12-Nov-99	E524.2	Trichloroethene	3.9	0.5	ug/L
JS-4	DW224	17-Oct-94	E524.2	Trichloroethene	4.4	0.5	ug/L
JS-4	DW224	17-Jan-95	E524.2	Trichloroethene	5.9	0.5	ug/L
JS-4	DW224	21-Apr-95	E524.2	Trichloroethene	7.6	0.5	ug/L
JS-4	DW224	13-Jul-95	E524.2	Trichloroethene	7.1	0.5	ug/L
JS-4	DW224	19-Oct-95	E524.2	Trichloroethene	9	0.5	ug/L
JS-4	DW224	26-Jan-96	E524.2	Trichloroethene	14	0.5	ug/L
JS-4	DW224	25-Apr-96	E524.2	Trichloroethene	15	0.5	ug/L
JS-4	DW224	19-Jul-96	E524.2	Trichloroethene	15	0.5	ug/L
JS-4	DW224	21-Oct-96	E524.2	Trichloroethene	15	0.5	ug/L
JS-4	DW224	13-Feb-97	E524.2	Trichloroethene	19	0.5	ug/L
JS-4	DW224	15-May-97	E524.2	Trichloroethene	16	0.5	ug/L
JS-4	DW224	23-Aug-97	E524.2	Trichloroethene	17	0.5	ug/L
JS-4	DW224	11-Nov-97	E524.2	Trichloroethene	23	1	ug/L
JS-4	DW224	14-Feb-98	E524.2	Trichloroethene	13	0.5	ug/L
JS-4	DW224	11-May-98	E524.2	Trichloroethene	16	0.5	ug/L
JS-4	DW224	20-Aug-98	E524.2	Trichloroethene	17	0.5	ug/L
JS-4	DW224	18-Nov-98	E524.2	Trichloroethene	24	0.5	ug/L
JS-4	DW224	11-Feb-99	E524.2	Trichloroethene	22	0.5	ug/L
JS-4	DW224	13-Aug-99	E524.2	Trichloroethene	18	0.5	ug/L
JS-4	DW224	12-Nov-99	E524.2	Trichloroethene	16	0.5	ug/L
JS-4	DW224-AF	13-Jul-95	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-16	DW229	17-Jul-96	E524.2	Trichloroethene	1.2	0.5	ug/L
JS-16	DW229	17-Oct-96	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-16	DW229	13-Feb-97	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-16	DW229	13-May-97	E524.2	Trichloroethene	1.8	0.5	ug/L
JS-16	DW229	20-Aug-97	E524.2	Trichloroethene	2.7	0.5	ug/L
JS-16	DW229	10-Nov-97	E524.2	Trichloroethene	2.4	0.5	ug/L
JS-16	DW229	10-Feb-98	E524.2	Trichloroethene	2.1	0.5	ug/L
JS-16	DW229	13-May-98	E524.2	Trichloroethene	4	0.5	ug/L
JS-16	DW229	19-Aug-98	E524.2	Trichloroethene	3.8	0.5	ug/L
JS-16	DW229	20-May-99	E524.2	Trichloroethene	4	0.5	ug/L
JS-16	DW229	11-Aug-99	E524.2	Trichloroethene	5.6	0.5	ug/L
JS-16	DW229	8-Nov-99	E524.2	Trichloroethene	2.2	0.5	ug/L
JS-16	DW230	18-Oct-94	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-16	DW230	17-Jan-95	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-16	DW230	18-Apr-95	E524.2	Trichloroethene	1.3	0.5	ug/L
JS-16	DW230	11-Jul-95	E524.2	Trichloroethene	1.3	0.5	ug/L
JS-16	DW230	18-Oct-95	E524.2	Trichloroethene	1.7	0.5	ug/L
JS-16	DW230	24-Jan-96	E524.2	Trichloroethene	3.4	0.5	ug/L
JS-16	DW230	24-Apr-96	E524.2	Trichloroethene	3.6	0.5	ug/L
JS-16	DW230	16-Jul-96	E524.2	Trichloroethene	3.7	0.5	ug/L
JS-16	DW230	17-Oct-96	E524.2	Trichloroethene	4.8	0.5	ug/L
JS-16	DW230	13-Feb-97	E524.2	Trichloroethene	6.6	0.5	ug/L
JS-16	DW230	15-May-97	E524.2	Trichloroethene	4.4	0.5	ug/L
JS-16	DW230	20-Aug-97	E524.2	Trichloroethene	6	0.5	ug/L
JS-16	DW230	10-Nov-97	E524.2	Trichloroethene	8.5	0.5	ug/L
JS-16	DW230	11-Feb-98	E524.2	Trichloroethene	8.8	0.5	ug/L
JS-16	DW230	13-May-98	E524.2	Trichloroethene	8.4	0.5	ug/L
JS-16	DW230	19-Aug-98	E524.2	Trichloroethene	5.8	0.5	ug/L
JS-16	DW230	17-Nov-98	E524.2	Trichloroethene	8.2	0.5	ug/L
JS-16	DW230	11-Feb-99	E524.2	Trichloroethene	11	0.5	ug/L
JS-16	DW230	18-May-99	E524.2	Trichloroethene	7.4	0.5	ug/L
JS-16	DW230	11-Aug-99	E524.2	Trichloroethene	11	0.5	ug/L
JS-16	DW230	10-Nov-99	E524.2	Trichloroethene	14	0.5	ug/L
JS-16	DW231	23-Aug-97	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-16	DW231	12-Nov-97	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-16	DW231	10-Feb-98	E524.2	Trichloroethene	1.3	0.5	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-16	DW231	13-May-98	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-16	DW231	10-Feb-99	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-16	DW231	19-May-99	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-16	DW231	11-Aug-99	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-16	DW231	8-Nov-99	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-4	DW234	17-Oct-94	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-4	DW234	17-Jan-95	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-4	DW234	20-Apr-95	E524.2	Trichloroethene	1.6	0.5	ug/L
JS-4	DW234	13-Jul-95	E524.2	Trichloroethene	2.9	0.5	ug/L
JS-4	DW234	19-Oct-95	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-4	DW234	26-Jan-96	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-4	DW234	25-Apr-96	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-4	DW234	18-Jul-96	E524.2	Trichloroethene	1.2	0.5	ug/L
JS-4	DW234	21-Oct-96	E524.2	Trichloroethene	1.7	0.5	ug/L
JS-4	DW234	12-Feb-97	E524.2	Trichloroethene	1.5	0.5	ug/L
JS-4	DW234	15-May-97	E524.2	Trichloroethene	1.9	0.5	ug/L
JS-4	DW234	23-Aug-97	E524.2	Trichloroethene	3.5	0.5	ug/L
JS-4	DW234	14-Nov-97	E524.2	Trichloroethene	2.2	0.5	ug/L
JS-4	DW234	12-Feb-98	E524.2	Trichloroethene	2.7	0.5	ug/L
JS-4	DW234	21-Aug-98	E524.2	Trichloroethene	3.8	0.5	ug/L
JS-4	DW234	18-Nov-98	E524.2	Trichloroethene	2.8	0.5	ug/L
JS-4	DW234	11-Feb-99	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-4	DW234	13-Aug-99	E524.2	Trichloroethene	4.8	0.5	ug/L
JS-4	DW234	9-Nov-99	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-4	DW236	13-Feb-97	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-4	DW236	15-May-97	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-4	DW236	23-Aug-97	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-4	DW236	11-Nov-97	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-4	DW236	14-Feb-98	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-4	DW236	11-May-98	E524.2	Trichloroethene	1.6	0.5	ug/L
JS-4	DW236	21-Aug-98	E524.2	Trichloroethene	3.6	0.5	ug/L
JS-4	DW236	18-Nov-98	E524.2	Trichloroethene	2.4	0.5	ug/L
JS-4	DW236	11-Feb-99	E524.2	Trichloroethene	1.8	0.5	ug/L
JS-4	DW236	13-Aug-99	E524.2	Trichloroethene	2.7	0.5	ug/L
JS-4	DW236	12-Nov-99	E524.2	Trichloroethene	2.2	0.5	ug/L
JS-4	DW243	12-May-98	E524.2	Trichloroethene	3.5	0.5	ug/L
JS-4	DW327	15-May-97	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-4	DW327	23-Aug-97	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-4	DW327	18-Nov-98	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-4	DW327	20-May-99	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-4	DW327	13-Aug-99	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	DW333	22-Oct-95	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	DW333	29-Jan-96	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW333	27-Apr-96	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW333	21-Jul-96	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW333	20-Oct-96	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW333	24-Aug-97	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	DW333	13-Feb-98	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-18	DW333	20-Nov-98	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	DW333	12-Aug-99	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-19	DW378	12-Feb-99	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-16	DW383	21-Oct-94	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-16	DW383	18-Jan-95	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	DW392	21-Oct-94	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	DW392	20-Jan-95	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW392	23-Apr-95	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW392	16-Jul-95	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW392	22-Oct-95	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-18	DW392	29-Jan-96	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	DW392	27-Apr-96	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-18	DW392	21-Jul-96	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-18	DW392	17-Oct-96	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW392	16-Feb-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW392	16-May-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW392	24-Aug-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW392	13-Nov-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW392	13-Feb-98	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW392	12-May-98	E524.2	Trichloroethene	0.5	0.5	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-18	DW392	20-Aug-98	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW415	20-Oct-95	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW415	26-Apr-96	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW415	14-Feb-97	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-17	DW415	16-May-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW415	21-Aug-97	E524.2	Trichloroethene	2.4	0.5	ug/L
JS-17	DW415	14-Nov-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW415	12-Feb-98	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW415	12-May-98	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-17	DW415	19-Nov-98	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW415	11-Feb-99	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-18	DW422	18-Nov-99	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-17	DW423	19-Oct-94	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-17	DW423	18-Jan-95	E524.2	Trichloroethene	10	0.5	ug/L
JS-17	DW423	23-Apr-95	E524.2	Trichloroethene	3.3	0.5	ug/L
JS-17	DW423	14-Jul-95	E524.2	Trichloroethene	3.5	0.5	ug/L
JS-17	DW423	20-Oct-95	E524.2	Trichloroethene	1.2	0.5	ug/L
JS-17	DW423	29-Jan-96	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-17	DW423	26-Apr-96	E524.2	Trichloroethene	3.5	0.5	ug/L
JS-17	DW423	14-Feb-97	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-17	DW423	17-May-97	E524.2	Trichloroethene	9.2	0.5	ug/L
JS-17	DW423	22-Aug-97	E524.2	Trichloroethene	7.8	0.5	ug/L
JS-17	DW423	14-Nov-97	E524.2	Trichloroethene	15	0.5	ug/L
JS-17	DW423	15-Feb-98	E524.2	Trichloroethene	4.2	0.5	ug/L
JS-17	DW423	12-May-98	E524.2	Trichloroethene	4	0.5	ug/L
JS-17	DW423	19-Nov-98	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW423	19-May-99	E524.2	Trichloroethene	8.6	0.5	ug/L
JS-17	DW423	11-Aug-99	E524.2	Trichloroethene	5.7	0.5	ug/L
JS-17	DW423	11-Nov-99	E524.2	Trichloroethene	1.2	0.5	ug/L
JS-17	DW423-AF	18-Jan-95	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-17	DW424	19-Oct-94	E524.2	Trichloroethene	4.1	0.5	ug/L
JS-17	DW424	18-Jan-95	E524.2	Trichloroethene	4.5	0.5	ug/L
JS-17	DW424	23-Apr-95	E524.2	Trichloroethene	3.7	0.5	ug/L
JS-17	DW424	14-Jul-95	E524.2	Trichloroethene	4	0.5	ug/L
JS-17	DW424	20-Oct-95	E524.2	Trichloroethene	3.7	0.5	ug/L
JS-17	DW424	29-Jan-96	E524.2	Trichloroethene	5.8	0.5	ug/L
JS-17	DW424	26-Apr-96	E524.2	Trichloroethene	7.7	0.5	ug/L
JS-17	DW424	20-Jul-96	E524.2	Trichloroethene	6.3	0.5	ug/L
JS-17	DW424	20-Oct-96	E524.2	Trichloroethene	8.5	0.5	ug/L
JS-17	DW424	14-Feb-97	E524.2	Trichloroethene	6.4	0.5	ug/L
JS-17	DW424	17-May-97	E524.2	Trichloroethene	7.2	0.5	ug/L
JS-17	DW424	20-Aug-97	E524.2	Trichloroethene	7.5	0.5	ug/L
JS-17	DW424	14-Nov-97	E524.2	Trichloroethene	6	0.5	ug/L
JS-17	DW424	15-Feb-98	E524.2	Trichloroethene	5.9	0.5	ug/L
JS-17	DW424	13-May-98	E524.2	Trichloroethene	6.9	0.5	ug/L
JS-17	DW424	19-Aug-98	E524.2	Trichloroethene	4.9	0.5	ug/L
JS-17	DW424	19-Nov-98	E524.2	Trichloroethene	4.2	0.5	ug/L
JS-17	DW424	10-Feb-99	E524.2	Trichloroethene	3.3	0.5	ug/L
JS-17	DW424	19-May-99	E524.2	Trichloroethene	2.9	0.5	ug/L
JS-17	DW424	11-Aug-99	E524.2	Trichloroethene	2.9	0.5	ug/L
JS-17	DW424	11-Nov-99	E524.2	Trichloroethene	2.8	0.5	ug/L
JS-17	DW425	20-Oct-94	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-17	DW425	18-Jan-95	E524.2	Trichloroethene	1.3	0.5	ug/L
JS-17	DW425	22-Apr-95	E524.2	Trichloroethene	1.9	0.5	ug/L
JS-17	DW425	15-Jul-95	E524.2	Trichloroethene	1.6	0.5	ug/L
JS-17	DW425	20-Oct-95	E524.2	Trichloroethene	1.2	0.5	ug/L
JS-17	DW425	28-Jan-96	E524.2	Trichloroethene	1.6	0.5	ug/L
JS-17	DW425	26-Apr-96	E524.2	Trichloroethene	4.5	0.5	ug/L
JS-17	DW425	20-Jul-96	E524.2	Trichloroethene	2.5	0.5	ug/L
JS-17	DW425	20-Oct-96	E524.2	Trichloroethene	3.8	0.5	ug/L
JS-17	DW425	15-Feb-97	E524.2	Trichloroethene	3.4	0.5	ug/L
JS-17	DW425	17-May-97	E524.2	Trichloroethene	4.5	0.5	ug/L
JS-17	DW425	21-Aug-97	E524.2	Trichloroethene	6.5	0.5	ug/L
JS-17	DW425	15-Nov-97	E524.2	Trichloroethene	4.1	0.5	ug/L
JS-17	DW425	15-Feb-98	E524.2	Trichloroethene	4.3	0.5	ug/L
JS-17	DW425	11-May-98	E524.2	Trichloroethene	6.6	0.5	ug/L
JS-17	DW425	20-Aug-98	E524.2	Trichloroethene	6.3	0.5	ug/L
JS-17	DW425	19-Nov-98	E524.2	Trichloroethene	7.7	0.5	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-17	DW425	11-Feb-99	E524.2	Trichloroethene	11	0.5	ug/L
JS-17	DW425	20-May-99	E524.2	Trichloroethene	11	0.5	ug/L
JS-17	DW425	11-Aug-99	E524.2	Trichloroethene	15	0.5	ug/L
JS-17	DW425	11-Nov-99	E524.2	Trichloroethene	14	0.5	ug/L
JS-18	DW442	16-Jul-95	E524.2	Trichloroethene	21	0.5	ug/L
JS-18	DW442	22-Oct-95	E524.2	Trichloroethene	23	1	ug/L
JS-18	DW442	27-Jan-96	E524.2	Trichloroethene	18	0.5	ug/L
JS-18	DW442	27-Apr-96	E524.2	Trichloroethene	23	0.5	ug/L
JS-18	DW442	21-Jul-96	E524.2	Trichloroethene	25	0.5	ug/L
JS-18	DW442	19-Oct-96	E524.2	Trichloroethene	24	1	ug/L
JS-18	DW442	16-Feb-97	E524.2	Trichloroethene	22	1.3	ug/L
JS-18	DW442	17-May-97	E524.2	Trichloroethene	33	1	ug/L
JS-18	DW442	22-Aug-97	E524.2	Trichloroethene	32	1	ug/L
JS-18	DW442	13-Nov-97	E524.2	Trichloroethene	31	1	ug/L
JS-18	DW442	15-Feb-98	E524.2	Trichloroethene	29	1	ug/L
JS-18	DW442	12-May-98	E524.2	Trichloroethene	39	1.3	ug/L
JS-18	DW442	20-Aug-98	E524.2	Trichloroethene	30	1.3	ug/L
JS-18	DW442	20-Nov-98	E524.2	Trichloroethene	28	1	ug/L
JS-18	DW442	9-Feb-99	E524.2	Trichloroethene	22	0.5	ug/L
JS-18	DW442	20-May-99	E524.2	Trichloroethene	20	0.5	ug/L
JS-18	DW442	12-Aug-99	E524.2	Trichloroethene	21	0.5	ug/L
JS-18	DW442	12-Nov-99	E524.2	Trichloroethene	18	0.5	ug/L
JS-19	DW458	15-May-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-19	DW458	21-Aug-97	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-19	DW458	12-Nov-97	E524.2	Trichloroethene	1	0.5	ug/L
JS-19	DW458	13-Feb-98	E524.2	Trichloroethene	1.2	0.5	ug/L
JS-19	DW458	16-May-98	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-19	DW458	19-Nov-98	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-19	DW458	11-Feb-99	E524.2	Trichloroethene	1.3	0.5	ug/L
JS-19	DW458	20-May-99	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-19	DW458	12-Aug-99	E524.2	Trichloroethene	1.7	0.5	ug/L
JS-19	DW458	8-Nov-99	E524.2	Trichloroethene	1.9	0.5	ug/L
JS-17	DW474	26-Apr-96	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-17	DW474	20-Oct-96	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW474	12-Feb-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW474	16-May-97	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW474	22-Aug-97	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW474	13-Nov-97	E524.2	Trichloroethene	0.6	0.5	ug/L
JS-17	DW474	12-Feb-98	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW474	13-May-98	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-17	DW474	20-Aug-98	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-17	DW474	19-Nov-98	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-17	DW474	11-Feb-99	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-17	DW474	18-May-99	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-17	DW474	11-Aug-99	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-17	DW474	10-Nov-99	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-17	DW837	28-Apr-96	E524.2	Trichloroethene	8.6	0.5	ug/L
JS-17	DW837	20-Jul-96	E524.2	Trichloroethene	7.9	0.5	ug/L
JS-17	DW837	15-Oct-96	E524.2	Trichloroethene	9.3	0.5	ug/L
JS-17	DW837	15-Feb-97	E524.2	Trichloroethene	8.5	0.5	ug/L
JS-17	DW837	15-May-97	E524.2	Trichloroethene	8.9	0.5	ug/L
JS-17	DW837	21-Aug-97	E524.2	Trichloroethene	12	0.5	ug/L
JS-17	DW837	14-Nov-97	E524.2	Trichloroethene	12	0.5	ug/L
JS-17	DW837	15-Feb-98	E524.2	Trichloroethene	10	0.5	ug/L
JS-17	DW837	12-May-98	E524.2	Trichloroethene	12	0.5	ug/L
JS-17	DW837	20-May-99	E524.2	Trichloroethene	6.6	0.5	ug/L
JS-17	DW837	11-Aug-99	E524.2	Trichloroethene	9.1	0.5	ug/L
JS-17	DW837	10-Nov-99	E524.2	Trichloroethene	10	0.5	ug/L
JS-17	DW848	17-Feb-97	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-17	DW848	18-May-97	E524.2	Trichloroethene	0.7	0.5	ug/L
JS-17	DW848	22-Aug-97	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-17	DW848	14-Nov-97	E524.2	Trichloroethene	2.3	0.5	ug/L
JS-17	DW848	12-Feb-98	E524.2	Trichloroethene	3.3	0.5	ug/L
JS-17	DW848	13-May-98	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-17	DW848	19-Aug-98	E524.2	Trichloroethene	1.9	0.5	ug/L
JS-17	DW848	19-Nov-98	E524.2	Trichloroethene	1.7	0.5	ug/L
JS-17	DW848	10-Feb-99	E524.2	Trichloroethene	2.9	0.5	ug/L
JS-17	DW848	18-May-99	E524.2	Trichloroethene	0.6	0.5	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-17	DW848	11-Aug-99	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-17	DW848	10-Nov-99	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-17	DW860	24-Aug-97	E524.2	Trichloroethene	2.7	0.5	ug/L
JS-17	DW860	14-Nov-97	E524.2	Trichloroethene	0.8	0.5	ug/L
JS-17	DW860	11-Feb-98	E524.2	Trichloroethene	1.4	0.5	ug/L
JS-17	DW860	12-May-98	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-17	DW860	19-Aug-98	E524.2	Trichloroethene	1.8	0.5	ug/L
JS-17	DW860	12-Feb-99	E524.2	Trichloroethene	1.1	0.5	ug/L
JS-17	DW860	19-May-99	E524.2	Trichloroethene	1.3	0.5	ug/L
JS-17	DW860	11-Aug-99	E524.2	Trichloroethene	1.5	0.5	ug/L
JS-17	DW860	11-Nov-99	E524.2	Trichloroethene	1.7	0.5	ug/L
TOWER	EW-5	6-Apr-97	SW8260	Trichloroethene	0.498	0.108	ug/L
TOWER	EW-P15L	19-Jun-96	SW8260	Trichloroethene	16.7	0.127	ug/L
TOWER	EW-P15L	8-Oct-96	SW8260	Trichloroethene	53.1	0.0931	ug/L
TOWER	EW-P15L	11-Jan-97	SW8260	Trichloroethene	61	0.0931	ug/L
TOWER	EW-P15L	21-Apr-97	SW8260	Trichloroethene	89.5	0.0815	ug/L
TOWER	EW-P15L	16-Jul-97	SW8260	Trichloroethene	69.1	0.171	ug/L
TOWER	EW-P15L	15-Oct-97	SW8260	Trichloroethene	84.5	0.181	ug/L
TOWER	EW-P15L	13-Jan-98	SW8260	Trichloroethene	56.3	0.108	ug/L
TOWER	EW-P15L	16-Apr-98	SW8260	Trichloroethene	55.8	0.181	ug/L
TOWER	EW-P15L	14-Jul-98	SW8260	Trichloroethene	49.2	0.0892	ug/L
TOWER	EW-P15L	14-Oct-98	SW8260B	Trichloroethene	31.8	0.219	ug/L
TOWER	EW-P15L	12-Jan-99	SW8260B	Trichloroethene	27.8	0.0892	ug/L
TOWER	EW-P15L	13-Apr-99	SW8260B	Trichloroethene	27.1	0.0929	ug/L
TOWER	EW-P15L	14-Jul-99	SW8260B	Trichloroethene	24.4	0.0929	ug/L
TOWER	EW-P15L	15-Oct-99	SW8260B	Trichloroethene	20.2	0.0929	ug/L
TOWER	EW-P15L	13-Jan-00	SW8260B	Trichloroethene	17	0.0905	ug/L
TOWER	EW-P15U	19-Jun-96	SW8260	Trichloroethene	117	0.635	ug/L
TOWER	EW-P15U	8-Oct-96	SW8260	Trichloroethene	128	0.466	ug/L
TOWER	EW-P15U	10-Jan-97	SW8260	Trichloroethene	132	0.466	ug/L
TOWER	EW-P15U	9-Apr-97	SW8260	Trichloroethene	52.9	0.108	ug/L
TOWER	EW-P15U	16-Jul-97	SW8260	Trichloroethene	78	0.0854	ug/L
TOWER	EW-P15U	15-Oct-97	SW8260	Trichloroethene	81	0.108	ug/L
TOWER	EW-P15U	13-Jan-98	SW8260	Trichloroethene	48.6	0.108	ug/L
TOWER	EW-P15U	14-Apr-98	SW8260	Trichloroethene	55.8	0.181	ug/L
TOWER	EW-P15U	14-Jul-98	SW8260	Trichloroethene	48.5	0.0892	ug/L
TOWER	EW-P15U	13-Oct-98	SW8260B	Trichloroethene	39.1	0.219	ug/L
TOWER	EW-P15U	12-Jan-99	SW8260B	Trichloroethene	33.3	0.0892	ug/L
TOWER	EW-P15U	13-Apr-99	SW8260B	Trichloroethene	27.8	0.0929	ug/L
TOWER	EW-P15U	14-Jul-99	SW8260B	Trichloroethene	18.7	0.161	ug/L
TOWER	EW-P15U	15-Oct-99	SW8260B	Trichloroethene	18.5	0.0929	ug/L
TOWER	IR-1	10-Jun-94	SW8260	Trichloroethene	0.8	0.0439	ug/L
TOWER	IR-1	19-Sep-94	SW8260	Trichloroethene	0.7	0.1	ug/L
TOWER	IR-2	10-Jun-94	SW8260	Trichloroethene	1.41	0.0439	ug/L
TOWER	IR-2	20-Sep-94	SW8260	Trichloroethene	2.4	0.1	ug/L
JS-18	IR352	21-Oct-94	E524.2	Trichloroethene	0.9	0.5	ug/L
JS-18	IR352	21-Jan-95	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	IR352	22-Oct-95	E524.2	Trichloroethene	0.5	0.5	ug/L
JS-18	IR441	21-Oct-94	E524.2	Trichloroethene	100	0.5	ug/L
JS-18	IR441	21-Jan-95	E524.2	Trichloroethene	120	0.5	ug/L
JS-18	IR441	24-Apr-95	E524.2	Trichloroethene	120	0.5	ug/L
JS-18	IR441	16-Jul-95	E524.2	Trichloroethene	97	0.5	ug/L
JS-18	IR441	22-Oct-95	E524.2	Trichloroethene	140	5	ug/L
JS-18	IR441	29-Jan-96	E524.2	Trichloroethene	95	0.5	ug/L
JS-18	IR441	18-Oct-96	E524.2	Trichloroethene	86	5	ug/L
JS-18	IR441	16-Feb-97	E524.2	Trichloroethene	85	5	ug/L
JS-18	IR441	16-May-97	E524.2	Trichloroethene	78	2.5	ug/L
JS-18	IR441	15-May-98	E524.2	Trichloroethene	81	5	ug/L
JS-18	IR441	10-Feb-99	E524.2	Trichloroethene	52	2.5	ug/L
JS-18	IR441	20-May-99	E524.2	Trichloroethene	36	1.3	ug/L
JS-18	IR441	12-Aug-99	E524.2	Trichloroethene	38	1	ug/L
JS-18	IR441	12-Nov-99	E524.2	Trichloroethene	26	1	ug/L
JS-18	IR441-AF	22-Oct-95	E524.2	Trichloroethene	5.8	0.5	ug/L
JS-18	IR442	21-Oct-94	E524.2	Trichloroethene	16	0.5	ug/L
JS-18	IR442	21-Jan-95	E524.2	Trichloroethene	16	0.5	ug/L
JS-18	IR442	25-Apr-95	E524.2	Trichloroethene	15	0.5	ug/L
JS-18	IR471	20-Oct-94	E524.2	Trichloroethene	2.5	0.5	ug/L
JS-18	IR471	20-Jan-95	E524.2	Trichloroethene	2.5	0.5	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
JS-18	IR471	23-Apr-95	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-18	IR471	17-Jul-95	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-18	IR471	22-Oct-95	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-18	IR471	29-Jan-96	E524.2	Trichloroethene	2.4	0.5	ug/L
JS-18	IR471	27-Apr-96	E524.2	Trichloroethene	3.2	0.5	ug/L
JS-18	IR471	21-Jul-96	E524.2	Trichloroethene	3.5	0.5	ug/L
JS-18	IR471	20-Oct-96	E524.2	Trichloroethene	2.6	0.5	ug/L
JS-18	IR471	16-Feb-97	E524.2	Trichloroethene	2.4	0.5	ug/L
JS-18	IR471	18-May-97	E524.2	Trichloroethene	2.7	0.5	ug/L
JS-18	IR471	22-Aug-97	E524.2	Trichloroethene	2.8	0.5	ug/L
JS-18	IR471	15-Nov-97	E524.2	Trichloroethene	2.5	0.5	ug/L
JS-18	IR471	13-Feb-98	E524.2	Trichloroethene	2.4	0.5	ug/L
JS-18	IR471	15-May-98	E524.2	Trichloroethene	2.5	0.5	ug/L
JS-18	IR471	21-Aug-98	E524.2	Trichloroethene	3	0.5	ug/L
JS-18	IR471	18-Nov-98	E524.2	Trichloroethene	3.8	0.5	ug/L
JS-18	IR471	13-Aug-99	E524.2	Trichloroethene	4.6	0.5	ug/L
JS-18	IR471	9-Nov-99	E524.2	Trichloroethene	4.4	0.5	ug/L
JS-4	IR842	21-Apr-95	E524.2	Trichloroethene	1	0.5	ug/L
JS-4	IR842	13-Jul-95	E524.2	Trichloroethene	1.6	0.5	ug/L
JS-4	IR842	19-Oct-95	E524.2	Trichloroethene	2	0.5	ug/L
JS-4	IR842	26-Jan-96	E524.2	Trichloroethene	2.2	0.5	ug/L
JS-4	IR842	25-Apr-96	E524.2	Trichloroethene	1.7	0.5	ug/L
JS-4	IR842	19-Jul-96	E524.2	Trichloroethene	3.5	0.5	ug/L
JS-4	IR842	21-Oct-96	E524.2	Trichloroethene	3.6	0.5	ug/L
JS-4	IR842	12-Feb-97	E524.2	Trichloroethene	3.5	0.5	ug/L
JS-4	IR842	15-May-97	E524.2	Trichloroethene	3.7	0.5	ug/L
JS-4	IR842	23-Aug-97	E524.2	Trichloroethene	3.3	0.5	ug/L
JS-4	IR842	11-Nov-97	E524.2	Trichloroethene	7.3	0.5	ug/L
JS-4	IR842	14-Feb-98	E524.2	Trichloroethene	4.7	0.5	ug/L
JS-4	IR842	11-May-98	E524.2	Trichloroethene	4.8	0.5	ug/L
JS-4	IR842	21-Aug-98	E524.2	Trichloroethene	5	0.5	ug/L
JS-4	IR842	18-Nov-98	E524.2	Trichloroethene	9	0.5	ug/L
JS-4	IR842	12-Feb-99	E524.2	Trichloroethene	9.1	0.5	ug/L
JS-4	IR842	13-Aug-99	E524.2	Trichloroethene	8.2	0.5	ug/L
JS-4	IR842	12-Nov-99	E524.2	Trichloroethene	7.2	0.5	ug/L
TOWER	MW10-W1	4-Apr-97	SW8260	Trichloroethene	0.224	0.108	ug/L
TOWER	MW10-W10L	8-Nov-96	SW8260	Trichloroethene	5.56	0.0931	ug/L
TOWER	MW10-W10L	9-Jan-97	SW8260	Trichloroethene	5.56	0.0931	ug/L
TOWER	MW10-W10L	6-Apr-97	SW8260	Trichloroethene	4.53	0.108	ug/L
TOWER	MW10-W10L	7-Aug-97	SW8260	Trichloroethene	6.4	0.108	ug/L
TOWER	MW10-W10L	11-Oct-97	SW8260	Trichloroethene	5.44	0.181	ug/L
TOWER	MW10-W10L	9-Jan-98	SW8260	Trichloroethene	9.79	0.181	ug/L
TOWER	MW10-W10L	11-Apr-98	SW8260	Trichloroethene	4.91	0.0892	ug/L
TOWER	MW10-W10L	10-Jul-98	SW8260	Trichloroethene	4.54	0.219	ug/L
TOWER	MW10-W10L	8-Oct-98	SW8260B	Trichloroethene	6.64	0.219	ug/L
TOWER	MW10-W10L	9-Jan-99	SW8260B	Trichloroethene	7.14	0.0892	ug/L
TOWER	MW10-W10M	16-Jun-96	SW8260	Trichloroethene	43.2	0.127	ug/L
TOWER	MW10-W10M	10-Nov-96	SW8260	Trichloroethene	39.1	0.0931	ug/L
TOWER	MW10-W10M	10-Jan-97	SW8260	Trichloroethene	45.5	0.0931	ug/L
TOWER	MW10-W10M	21-Apr-97	SW8260	Trichloroethene	40.3	0.0815	ug/L
TOWER	MW10-W10M	14-Jul-97	SW8260	Trichloroethene	40.2	0.0815	ug/L
TOWER	MW10-W10M	14-Oct-97	SW8260	Trichloroethene	46.5	0.181	ug/L
TOWER	MW10-W10M	12-Jan-98	SW8260	Trichloroethene	34	0.108	ug/L
TOWER	MW10-W10M	15-Apr-98	SW8260	Trichloroethene	38.7	0.0892	ug/L
TOWER	MW10-W10M	13-Jul-98	SW8260	Trichloroethene	46.1	0.181	ug/L
TOWER	MW10-W10M	13-Oct-98	SW8260B	Trichloroethene	34.3	0.219	ug/L
TOWER	MW10-W10M	10-Jan-99	SW8260B	Trichloroethene	38.7	0.0892	ug/L
TOWER	MW10-W10M	13-Apr-99	SW8260B	Trichloroethene	38.2	0.0929	ug/L
TOWER	MW10-W10U	16-Jun-96	SW8260	Trichloroethene	49.6	0.127	ug/L
TOWER	MW10-W10U	10-Nov-96	SW8260	Trichloroethene	51.9	0.0931	ug/L
TOWER	MW10-W10U	10-Jan-97	SW8260	Trichloroethene	59.9	0.0931	ug/L
TOWER	MW10-W10U	22-Apr-97	SW8260	Trichloroethene	46	0.0815	ug/L
TOWER	MW10-W10U	14-Jul-97	SW8260	Trichloroethene	54	0.0815	ug/L
TOWER	MW10-W10U	14-Oct-97	SW8260	Trichloroethene	57.4	0.181	ug/L
TOWER	MW10-W10U	12-Jan-98	SW8260	Trichloroethene	48	0.181	ug/L
TOWER	MW10-W10U	15-Apr-98	SW8260	Trichloroethene	48.4	0.0892	ug/L
TOWER	MW10-W10U	13-Jul-98	SW8260	Trichloroethene	54.5	0.181	ug/L
TOWER	MW10-W10U	13-Oct-98	SW8260B	Trichloroethene	41.3	0.219	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W10U	10-Jan-99	SW8260B	Trichloroethene	50.9	0.0892	ug/L
TOWER	MW10-W10U	13-Apr-99	SW8260B	Trichloroethene	48.5	0.0929	ug/L
TOWER	MW10-W10U	13-Jul-99	SW8260B	Trichloroethene	45.1	0.0929	ug/L
TOWER	MW10-W10U	15-Oct-99	SW8260B	Trichloroethene	47.9	0.0905	ug/L
TOWER	MW10-W10U	11-Jan-00	SW8260B	Trichloroethene	44.3	0.0905	ug/L
TOWER	MW10-W11M	3-Oct-96	SW8260	Trichloroethene	0.197	0.0854	ug/L
TOWER	MW10-W11M	6-Jan-97	SW8260	Trichloroethene	0.233	0.0931	ug/L
TOWER	MW10-W11M	4-Apr-97	SW8260	Trichloroethene	0.391	0.108	ug/L
TOWER	MW10-W11M	9-Jul-97	SW8260	Trichloroethene	0.111	0.108	ug/L
TOWER	MW10-W11M	9-Oct-97	SW8260	Trichloroethene	0.358	0.108	ug/L
TOWER	MW10-W11M	6-Jan-98	SW8260	Trichloroethene	0.289	0.181	ug/L
TOWER	MW10-W11M	8-Apr-98	SW8260	Trichloroethene	0.377	0.181	ug/L
TOWER	MW10-W11M	8-Jul-98	SW8260	Trichloroethene	0.339	0.0892	ug/L
TOWER	MW10-W11M	7-Oct-98	SW8260B	Trichloroethene	0.289	0.0892	ug/L
TOWER	MW10-W11M	8-Jan-99	SW8260B	Trichloroethene	0.304	0.0892	ug/L
TOWER	MW10-W11M	7-Apr-99	SW8260B	Trichloroethene	0.224	0.219	ug/L
TOWER	MW10-W11M	9-Jul-99	SW8260B	Trichloroethene	0.264	0.161	ug/L
TOWER	MW10-W11U	9-Nov-96	SW8260	Trichloroethene	0.603	0.0931	ug/L
TOWER	MW10-W11U	6-Jan-97	SW8260	Trichloroethene	0.318	0.0931	ug/L
TOWER	MW10-W11U	2-Apr-97	SW8260	Trichloroethene	0.325	0.108	ug/L
TOWER	MW10-W11U	8-Jul-97	SW8260	Trichloroethene	0.322	0.0854	ug/L
TOWER	MW10-W11U	9-Oct-97	SW8260	Trichloroethene	0.4	0.108	ug/L
TOWER	MW10-W11U	6-Jan-98	SW8260	Trichloroethene	0.476	0.181	ug/L
TOWER	MW10-W11U	8-Apr-98	SW8260	Trichloroethene	0.383	0.181	ug/L
TOWER	MW10-W11U	7-Jul-98	SW8260	Trichloroethene	0.364	0.0892	ug/L
TOWER	MW10-W11U	12-Oct-98	SW8260B	Trichloroethene	0.466	0.219	ug/L
TOWER	MW10-W11U	8-Jan-99	SW8260B	Trichloroethene	0.49	0.0892	ug/L
TOWER	MW10-W11U	7-Apr-99	SW8260B	Trichloroethene	0.321	0.219	ug/L
TOWER	MW10-W11U	8-Jul-99	SW8260B	Trichloroethene	0.357	0.0929	ug/L
TOWER	MW10-W11U	11-Oct-99	SW8260B	Trichloroethene	0.366	0.0499	ug/L
TOWER	MW10-W11U	8-Jan-00	SW8260B	Trichloroethene	0.286	0.0905	ug/L
TOWER	MW10-W12M	15-Jun-96	SW8260	Trichloroethene	0.798	0.127	ug/L
TOWER	MW10-W12M	4-Oct-96	SW8260	Trichloroethene	0.836	0.0931	ug/L
TOWER	MW10-W12M	7-Jan-97	SW8260	Trichloroethene	2.03	0.0931	ug/L
TOWER	MW10-W12M	8-Apr-97	SW8260	Trichloroethene	0.976	0.108	ug/L
TOWER	MW10-W12M	13-Jul-97	SW8260	Trichloroethene	0.822	0.0854	ug/L
TOWER	MW10-W12M	7-Oct-97	SW8260	Trichloroethene	1.03	0.181	ug/L
TOWER	MW10-W12M	7-Apr-98	SW8260	Trichloroethene	1.53	0.181	ug/L
TOWER	MW10-W12M	12-Jul-98	SW8260	Trichloroethene	1.43	0.181	ug/L
TOWER	MW10-W12M	11-Oct-98	SW8260B	Trichloroethene	1.68	0.219	ug/L
TOWER	MW10-W12M	9-Jan-99	SW8260B	Trichloroethene	1.99	0.0892	ug/L
TOWER	MW10-W12U	15-Jun-96	SW8260	Trichloroethene	2.36	0.127	ug/L
TOWER	MW10-W12U	4-Oct-96	SW8260	Trichloroethene	2.65	0.0931	ug/L
TOWER	MW10-W12U	8-Jan-97	SW8260	Trichloroethene	2.95	0.0931	ug/L
TOWER	MW10-W12U	8-Apr-97	SW8260	Trichloroethene	3.29	0.108	ug/L
TOWER	MW10-W12U	12-Jul-97	SW8260	Trichloroethene	3.1	0.0854	ug/L
TOWER	MW10-W12U	11-Oct-97	SW8260	Trichloroethene	3.88	0.181	ug/L
TOWER	MW10-W12U	9-Jan-98	SW8260	Trichloroethene	3.4	0.108	ug/L
TOWER	MW10-W12U	10-Apr-98	SW8260	Trichloroethene	4.33	0.0892	ug/L
TOWER	MW10-W12U	10-Jul-98	SW8260	Trichloroethene	4.95	0.0892	ug/L
TOWER	MW10-W12U	10-Oct-98	SW8260B	Trichloroethene	4.67	0.0892	ug/L
TOWER	MW10-W12U	8-Jan-99	SW8260B	Trichloroethene	4.95	0.0892	ug/L
TOWER	MW10-W12U	8-Apr-99	SW8260B	Trichloroethene	4.1	0.219	ug/L
TOWER	MW10-W12U	10-Jul-99	SW8260B	Trichloroethene	4.77	0.161	ug/L
TOWER	MW10-W12U	13-Oct-99	SW8260B	Trichloroethene	4.56	0.0905	ug/L
TOWER	MW10-W12U	10-Jan-00	SW8260B	Trichloroethene	4.38	0.0905	ug/L
TOWER	MW10-W13L	14-Jun-96	SW8260	Trichloroethene	43.2	0.0931	ug/L
TOWER	MW10-W13L	9-Nov-96	SW8260	Trichloroethene	28.5	0.0931	ug/L
TOWER	MW10-W13L	7-Jan-97	SW8260	Trichloroethene	60.4	0.0931	ug/L
TOWER	MW10-W13L	22-Apr-97	SW8260	Trichloroethene	23.6	0.108	ug/L
TOWER	MW10-W13L	14-Jul-97	SW8260	Trichloroethene	16.8	0.0815	ug/L
TOWER	MW10-W13L	14-Oct-97	SW8260	Trichloroethene	26.2	0.181	ug/L
TOWER	MW10-W13L	12-Jan-98	SW8260	Trichloroethene	19.5	0.108	ug/L
TOWER	MW10-W13L	14-Apr-98	SW8260	Trichloroethene	25.6	0.0892	ug/L
TOWER	MW10-W13L	14-Jul-98	SW8260	Trichloroethene	26.3	0.0892	ug/L
TOWER	MW10-W13L	13-Oct-98	SW8260B	Trichloroethene	27.2	0.219	ug/L
TOWER	MW10-W13L	12-Jan-99	SW8260B	Trichloroethene	34.8	0.0892	ug/L
TOWER	MW10-W13L	12-Apr-99	SW8260B	Trichloroethene	16.8	0.219	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W13U	15-Jun-96	SW8260	Trichloroethene	16.7	0.127	ug/L
TOWER	MW10-W13U	9-Nov-96	SW8260	Trichloroethene	18.7	0.0931	ug/L
TOWER	MW10-W13U	7-Jan-97	SW8260	Trichloroethene	20	0.0931	ug/L
TOWER	MW10-W13U	5-Apr-97	SW8260	Trichloroethene	20.8	0.108	ug/L
TOWER	MW10-W13U	13-Jul-97	SW8260	Trichloroethene	14.3	0.0854	ug/L
TOWER	MW10-W13U	11-Oct-97	SW8260	Trichloroethene	22.7	0.181	ug/L
TOWER	MW10-W13U	12-Jan-98	SW8260	Trichloroethene	21.8	0.108	ug/L
TOWER	MW10-W13U	11-Apr-98	SW8260	Trichloroethene	24.9	0.0892	ug/L
TOWER	MW10-W13U	13-Jul-98	SW8260	Trichloroethene	22.3	0.219	ug/L
TOWER	MW10-W13U	10-Oct-98	SW8260B	Trichloroethene	31.6	0.219	ug/L
TOWER	MW10-W13U	10-Jan-99	SW8260B	Trichloroethene	31.3	0.0892	ug/L
TOWER	MW10-W13U	13-Apr-99	SW8260B	Trichloroethene	35.5	0.0929	ug/L
TOWER	MW10-W13U	14-Jul-99	SW8260B	Trichloroethene	36.2	0.0929	ug/L
TOWER	MW10-W13U	13-Oct-99	SW8260B	Trichloroethene	39.2	0.0905	ug/L
TOWER	MW10-W13U	11-Jan-00	SW8260B	Trichloroethene	37.5	0.0905	ug/L
TOWER	MW10-W14L	16-Jun-96	SW8260	Trichloroethene	7.95	0.127	ug/L
TOWER	MW10-W14L	4-Oct-96	SW8260	Trichloroethene	9.41	0.0931	ug/L
TOWER	MW10-W14L	7-Jan-97	SW8260	Trichloroethene	8.04	0.0931	ug/L
TOWER	MW10-W14L	9-Apr-97	SW8260	Trichloroethene	11.7	0.108	ug/L
TOWER	MW10-W14L	13-Jul-97	SW8260	Trichloroethene	5.49	0.0854	ug/L
TOWER	MW10-W14L	14-Oct-97	SW8260	Trichloroethene	3.58	0.108	ug/L
TOWER	MW10-W14L	11-Jan-98	SW8260	Trichloroethene	9.87	0.181	ug/L
TOWER	MW10-W14L	15-Apr-98	SW8260	Trichloroethene	8.87	0.0892	ug/L
TOWER	MW10-W14L	13-Jul-98	SW8260	Trichloroethene	5.55	0.219	ug/L
TOWER	MW10-W14L	14-Oct-98	SW8260B	Trichloroethene	4.97	0.219	ug/L
TOWER	MW10-W14L	12-Jan-99	SW8260B	Trichloroethene	10.4	0.0892	ug/L
TOWER	MW10-W14L	12-Apr-99	SW8260B	Trichloroethene	5.28	0.219	ug/L
TOWER	MW10-W14U	16-Jun-96	SW8260	Trichloroethene	7.5	0.127	ug/L
TOWER	MW10-W14U	4-Oct-96	SW8260	Trichloroethene	8.48	0.0931	ug/L
TOWER	MW10-W14U	6-Jan-97	SW8260	Trichloroethene	8.23	0.0931	ug/L
TOWER	MW10-W14U	9-Apr-97	SW8260	Trichloroethene	9.38	0.108	ug/L
TOWER	MW10-W14U	13-Jul-97	SW8260	Trichloroethene	8.39	0.0854	ug/L
TOWER	MW10-W14U	12-Oct-97	SW8260	Trichloroethene	10.8	0.181	ug/L
TOWER	MW10-W14U	10-Jan-98	SW8260	Trichloroethene	8.25	0.108	ug/L
TOWER	MW10-W14U	11-Apr-98	SW8260	Trichloroethene	8.85	0.181	ug/L
TOWER	MW10-W14U	12-Jul-98	SW8260	Trichloroethene	10.3	0.0892	ug/L
TOWER	MW10-W14U	10-Oct-98	SW8260B	Trichloroethene	10.3	0.219	ug/L
TOWER	MW10-W14U	10-Jan-99	SW8260B	Trichloroethene	8.57	0.0892	ug/L
TOWER	MW10-W14U	9-Apr-99	SW8260B	Trichloroethene	8.67	0.219	ug/L
TOWER	MW10-W14U	10-Jul-99	SW8260B	Trichloroethene	9.23	0.161	ug/L
TOWER	MW10-W14U	15-Oct-99	SW8260B	Trichloroethene	9.56	0.0929	ug/L
TOWER	MW10-W14U	10-Jan-00	SW8260B	Trichloroethene	8.68	0.0905	ug/L
TOWER	MW10-W15M	5-Apr-97	SW8260	Trichloroethene	0.399	0.108	ug/L
TOWER	MW10-W15U	5-Apr-97	SW8260	Trichloroethene	0.129	0.108	ug/L
TOWER	MW10-W15U	9-Oct-97	SW8260	Trichloroethene	0.112	0.108	ug/L
TOWER	MW10-W15U	11-Oct-99	SW8260B	Trichloroethene	0.0541	0.0499	ug/L
TOWER	MW10-W17U	8-Jan-99	SW8260B	Trichloroethene	0.387	0.0892	ug/L
TOWER	MW10-W18L	22-Apr-97	SW8260	Trichloroethene	79.6	0.0815	ug/L
TOWER	MW10-W18L	16-Jul-97	SW8260	Trichloroethene	89.4	0.171	ug/L
TOWER	MW10-W18L	15-Oct-97	SW8260	Trichloroethene	117	0.54	ug/L
TOWER	MW10-W18L	14-Jan-98	SW8260	Trichloroethene	111	0.362	ug/L
TOWER	MW10-W18L	14-Apr-98	SW8260	Trichloroethene	108	0.362	ug/L
TOWER	MW10-W18L	14-Jul-98	SW8260	Trichloroethene	118	0.178	ug/L
TOWER	MW10-W18L	13-Oct-98	SW8260B	Trichloroethene	110	0.438	ug/L
TOWER	MW10-W18L	12-Jan-99	SW8260B	Trichloroethene	127	0.178	ug/L
TOWER	MW10-W18L	14-Apr-99	SW8260B	Trichloroethene	136	0.186	ug/L
TOWER	MW10-W18L	14-Jul-99	SW8260B	Trichloroethene	131	0.186	ug/L
TOWER	MW10-W18L	16-Oct-99	SW8260B	Trichloroethene	153	0.181	ug/L
TOWER	MW10-W18L	13-Jan-00	SW8260B	Trichloroethene	133	0.452	ug/L
TOWER	MW10-W18U	22-Apr-97	SW8260	Trichloroethene	110	1.36	ug/L
TOWER	MW10-W18U	16-Jul-97	SW8260	Trichloroethene	115	0.427	ug/L
TOWER	MW10-W18U	15-Oct-97	SW8260	Trichloroethene	179	0.905	ug/L
TOWER	MW10-W18U	14-Jan-98	SW8260	Trichloroethene	200	1.81	ug/L
TOWER	MW10-W18U	15-Apr-98	SW8260	Trichloroethene	165	0.892	ug/L
TOWER	MW10-W18U	14-Jul-98	SW8260	Trichloroethene	147	0.446	ug/L
TOWER	MW10-W18U	14-Oct-98	SW8260B	Trichloroethene	177	0.892	ug/L
TOWER	MW10-W18U	12-Jan-99	SW8260B	Trichloroethene	162	0.892	ug/L
TOWER	MW10-W18U	14-Apr-99	SW8260B	Trichloroethene	176	0.929	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W18U	14-Jul-99	SW8260B	Trichloroethene	147	0.805	ug/L
TOWER	MW10-W18U	16-Oct-99	SW8260B	Trichloroethene	128	0.452	ug/L
TOWER	MW10-W19L	20-Apr-97	SW8260	Trichloroethene	0.139	0.0854	ug/L
TOWER	MW10-W19L	11-Jul-97	SW8260	Trichloroethene	0.103	0.0815	ug/L
TOWER	MW10-W19L	8-Jan-98	SW8260	Trichloroethene	0.208	0.108	ug/L
TOWER	MW10-W19L	10-Apr-98	SW8260	Trichloroethene	0.226	0.0892	ug/L
TOWER	MW10-W19L	10-Jul-98	SW8260	Trichloroethene	0.383	0.0892	ug/L
TOWER	MW10-W19L	11-Apr-99	SW8260B	Trichloroethene	0.219	0.219	ug/L
TOWER	MW10-W19L	11-Jul-99	SW8260B	Trichloroethene	0.158	0.0929	ug/L
TOWER	MW10-W19U	20-Apr-97	SW8260	Trichloroethene	0.0909	0.0854	ug/L
TOWER	MW10-W19U	11-Jul-97	SW8260	Trichloroethene	0.188	0.0815	ug/L
TOWER	MW10-W19U	12-Oct-97	SW8260	Trichloroethene	0.184	0.181	ug/L
TOWER	MW10-W19U	7-Jan-98	SW8260	Trichloroethene	0.224	0.108	ug/L
TOWER	MW10-W19U	11-Apr-98	SW8260	Trichloroethene	0.347	0.0892	ug/L
TOWER	MW10-W19U	9-Oct-99	SW8260B	Trichloroethene	0.0813	0.0499	ug/L
TOWER	MW10-W19U	6-Jan-00	SW8260B	Trichloroethene	0.192	0.0499	ug/L
TOWER	MW10-W2	11-Mar-94	SW8260	Trichloroethene	115	0.0878	ug/L
TOWER	MW10-W2	8-Jun-94	SW8260	Trichloroethene	110	0.22	ug/L
TOWER	MW10-W2	15-Sep-94	SW8260	Trichloroethene	44.1	0.1	ug/L
TOWER	MW10-W2	11-Dec-94	SW8240	Trichloroethene	95.2	0.455	ug/L
TOWER	MW10-W2	13-Mar-95	SW8240	Trichloroethene	119	0.438	ug/L
TOWER	MW10-W2	20-Jun-95	SW8240	Trichloroethene	50.3	0.438	ug/L
TOWER	MW10-W20L	18-Apr-97	SW8260	Trichloroethene	10.6	0.0815	ug/L
TOWER	MW10-W20L	14-Jul-97	SW8260	Trichloroethene	9.27	0.0815	ug/L
TOWER	MW10-W20L	12-Oct-97	SW8260	Trichloroethene	13.6	0.181	ug/L
TOWER	MW10-W20L	12-Jan-98	SW8260	Trichloroethene	10.9	0.181	ug/L
TOWER	MW10-W20L	12-Apr-98	SW8260	Trichloroethene	10.4	0.181	ug/L
TOWER	MW10-W20L	13-Jul-98	SW8260	Trichloroethene	8.71	0.181	ug/L
TOWER	MW10-W20L	11-Oct-98	SW8260B	Trichloroethene	10.1	0.0892	ug/L
TOWER	MW10-W20L	11-Jan-99	SW8260B	Trichloroethene	9.72	0.0892	ug/L
TOWER	MW10-W20L	13-Apr-99	SW8260B	Trichloroethene	9.9	0.0929	ug/L
TOWER	MW10-W20L	14-Jul-99	SW8260B	Trichloroethene	7.63	0.161	ug/L
TOWER	MW10-W20L	14-Oct-99	SW8260B	Trichloroethene	8.5	0.0905	ug/L
TOWER	MW10-W20L	13-Jan-00	SW8260B	Trichloroethene	8.41	0.0905	ug/L
TOWER	MW10-W20U	18-Apr-97	SW8260	Trichloroethene	1.41	0.0815	ug/L
TOWER	MW10-W20U	12-Jul-97	SW8260	Trichloroethene	0.945	0.0854	ug/L
TOWER	MW10-W20U	14-Oct-97	SW8260	Trichloroethene	0.558	0.108	ug/L
TOWER	MW10-W20U	10-Jan-98	SW8260	Trichloroethene	1.09	0.108	ug/L
TOWER	MW10-W20U	14-Apr-98	SW8260	Trichloroethene	0.567	0.0892	ug/L
TOWER	MW10-W20U	11-Oct-98	SW8260B	Trichloroethene	0.31	0.0892	ug/L
TOWER	MW10-W20U	10-Jan-99	SW8260B	Trichloroethene	0.727	0.0892	ug/L
TOWER	MW10-W20U	12-Apr-99	SW8260B	Trichloroethene	2.61	0.219	ug/L
TOWER	MW10-W20U	13-Jul-99	SW8260B	Trichloroethene	3.87	0.0929	ug/L
TOWER	MW10-W21L	16-Apr-97	SW8260	Trichloroethene	1.13	0.108	ug/L
TOWER	MW10-W21L	13-Jul-97	SW8260	Trichloroethene	1.16	0.0854	ug/L
TOWER	MW10-W21L	14-Oct-97	SW8260	Trichloroethene	1.12	0.181	ug/L
TOWER	MW10-W21L	10-Jan-98	SW8260	Trichloroethene	1.22	0.181	ug/L
TOWER	MW10-W21L	14-Apr-98	SW8260	Trichloroethene	1.16	0.181	ug/L
TOWER	MW10-W21L	12-Jul-98	SW8260	Trichloroethene	0.419	0.219	ug/L
TOWER	MW10-W21L	11-Oct-98	SW8260B	Trichloroethene	0.583	0.219	ug/L
TOWER	MW10-W21L	9-Jan-99	SW8260B	Trichloroethene	0.455	0.0892	ug/L
TOWER	MW10-W21L	11-Apr-99	SW8260B	Trichloroethene	0.376	0.219	ug/L
TOWER	MW10-W21L	12-Jul-99	SW8260B	Trichloroethene	0.77	0.161	ug/L
TOWER	MW10-W21L	16-Oct-99	SW8260B	Trichloroethene	1.01	0.0905	ug/L
TOWER	MW10-W21L	7-Jan-00	SW8260B	Trichloroethene	0.562	0.0905	ug/L
TOWER	MW10-W21U	15-Apr-97	SW8260	Trichloroethene	0.656	0.108	ug/L
TOWER	MW10-W21U	10-Jul-97	SW8260	Trichloroethene	0.521	0.0815	ug/L
TOWER	MW10-W21U	13-Oct-97	SW8260	Trichloroethene	0.634	0.108	ug/L
TOWER	MW10-W21U	7-Jan-98	SW8260	Trichloroethene	0.606	0.108	ug/L
TOWER	MW10-W21U	10-Apr-98	SW8260	Trichloroethene	0.674	0.0892	ug/L
TOWER	MW10-W21U	10-Jul-98	SW8260	Trichloroethene	0.711	0.0892	ug/L
TOWER	MW10-W21U	8-Oct-98	SW8260B	Trichloroethene	0.784	0.219	ug/L
TOWER	MW10-W21U	7-Jan-99	SW8260B	Trichloroethene	0.821	0.219	ug/L
TOWER	MW10-W21U	9-Apr-99	SW8260B	Trichloroethene	0.642	0.219	ug/L
TOWER	MW10-W21U	9-Jul-99	SW8260B	Trichloroethene	0.705	0.161	ug/L
TOWER	MW10-W21U	14-Oct-99	SW8260B	Trichloroethene	0.744	0.0905	ug/L
TOWER	MW10-W22L	17-Apr-97	SW8260	Trichloroethene	0.786	0.108	ug/L
TOWER	MW10-W22L	13-Jul-97	SW8260	Trichloroethene	0.536	0.0854	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W22L	8-Oct-97	SW8260	Trichloroethene	0.632	0.108	ug/L
TOWER	MW10-W22L	10-Jan-98	SW8260	Trichloroethene	0.867	0.108	ug/L
TOWER	MW10-W22L	8-Apr-98	SW8260	Trichloroethene	1.49	0.181	ug/L
TOWER	MW10-W22L	11-Jul-98	SW8260	Trichloroethene	1.45	0.181	ug/L
TOWER	MW10-W22L	9-Oct-98	SW8260B	Trichloroethene	1.26	0.219	ug/L
TOWER	MW10-W22L	10-Jan-99	SW8260B	Trichloroethene	1.13	0.0892	ug/L
TOWER	MW10-W22L	11-Apr-99	SW8260B	Trichloroethene	1.89	0.219	ug/L
TOWER	MW10-W22L	11-Jul-99	SW8260B	Trichloroethene	1.21	0.0929	ug/L
TOWER	MW10-W22U	15-Apr-97	SW8260	Trichloroethene	1.2	0.108	ug/L
TOWER	MW10-W22U	13-Jul-97	SW8260	Trichloroethene	0.644	0.0854	ug/L
TOWER	MW10-W22U	8-Oct-97	SW8260	Trichloroethene	1.03	0.108	ug/L
TOWER	MW10-W22U	11-Jan-98	SW8260	Trichloroethene	1.02	0.181	ug/L
TOWER	MW10-W22U	12-Apr-98	SW8260	Trichloroethene	1.18	0.0892	ug/L
TOWER	MW10-W22U	13-Jul-98	SW8260	Trichloroethene	1.48	0.181	ug/L
TOWER	MW10-W22U	10-Oct-98	SW8260B	Trichloroethene	2.09	0.219	ug/L
TOWER	MW10-W22U	11-Jan-99	SW8260B	Trichloroethene	3.32	0.0892	ug/L
TOWER	MW10-W22U	11-Apr-99	SW8260B	Trichloroethene	1.76	0.219	ug/L
TOWER	MW10-W22U	11-Jul-99	SW8260B	Trichloroethene	3.26	0.0929	ug/L
TOWER	MW10-W22U	15-Oct-99	SW8260B	Trichloroethene	4.39	0.0905	ug/L
TOWER	MW10-W22U	13-Jan-00	SW8260B	Trichloroethene	2.25	0.0905	ug/L
TOWER	MW10-W24L	20-Apr-97	SW8260	Trichloroethene	0.231	0.0854	ug/L
TOWER	MW10-W24L	10-Jul-97	SW8260	Trichloroethene	0.204	0.0815	ug/L
TOWER	MW10-W24L	8-Jan-98	SW8260	Trichloroethene	0.178	0.108	ug/L
TOWER	MW10-W24L	10-Jul-98	SW8260	Trichloroethene	0.202	0.181	ug/L
TOWER	MW10-W24L	9-Oct-98	SW8260B	Trichloroethene	0.22	0.219	ug/L
TOWER	MW10-W24L	7-Jan-99	SW8260B	Trichloroethene	0.269	0.219	ug/L
TOWER	MW10-W24L	14-Oct-99	SW8260B	Trichloroethene	0.152	0.0905	ug/L
TOWER	MW10-W24U	20-Apr-97	SW8260	Trichloroethene	0.499	0.0854	ug/L
TOWER	MW10-W24U	13-Jul-97	SW8260	Trichloroethene	0.474	0.0854	ug/L
TOWER	MW10-W24U	12-Oct-97	SW8260	Trichloroethene	0.401	0.181	ug/L
TOWER	MW10-W24U	8-Jan-98	SW8260	Trichloroethene	0.435	0.108	ug/L
TOWER	MW10-W24U	13-Apr-98	SW8260	Trichloroethene	0.577	0.0892	ug/L
TOWER	MW10-W24U	11-Jul-98	SW8260	Trichloroethene	0.766	0.181	ug/L
TOWER	MW10-W24U	12-Oct-98	SW8260B	Trichloroethene	0.527	0.219	ug/L
TOWER	MW10-W24U	9-Jan-99	SW8260B	Trichloroethene	0.554	0.0892	ug/L
TOWER	MW10-W24U	11-Apr-99	SW8260B	Trichloroethene	0.498	0.219	ug/L
TOWER	MW10-W24U	13-Jul-99	SW8260B	Trichloroethene	0.465	0.0929	ug/L
TOWER	MW10-W24U	15-Oct-99	SW8260B	Trichloroethene	0.49	0.0905	ug/L
TOWER	MW10-W24U	10-Jan-00	SW8260B	Trichloroethene	0.504	0.0905	ug/L
TOWER	MW10-W25M	11-Oct-98	SW8260B	Trichloroethene	0.153	0.0892	ug/L
TOWER	MW10-W27L	11-Apr-98	SW8260	Trichloroethene	0.191	0.0892	ug/L
TOWER	MW10-W27L	13-Oct-98	SW8260B	Trichloroethene	1.1	0.219	ug/L
TOWER	MW10-W27L	11-Jul-99	SW8260B	Trichloroethene	0.19	0.161	ug/L
TOWER	MW10-W28L	19-Apr-97	SW8260	Trichloroethene	0.167	0.0854	ug/L
TOWER	MW10-W28L	6-Jan-98	SW8260	Trichloroethene	0.27	0.181	ug/L
TOWER	MW10-W28L	10-Apr-98	SW8260	Trichloroethene	0.21	0.0892	ug/L
TOWER	MW10-W28L	8-Jul-98	SW8260	Trichloroethene	0.31	0.0892	ug/L
TOWER	MW10-W28L	8-Oct-98	SW8260B	Trichloroethene	0.25	0.219	ug/L
TOWER	MW10-W28L	6-Jan-99	SW8260B	Trichloroethene	0.205	0.0892	ug/L
TOWER	MW10-W28L	6-Apr-99	SW8260B	Trichloroethene	0.187	0.0929	ug/L
TOWER	MW10-W28L	7-Jul-99	SW8260B	Trichloroethene	0.205	0.0929	ug/L
TOWER	MW10-W28U	19-Apr-97	SW8260	Trichloroethene	0.266	0.0854	ug/L
TOWER	MW10-W28U	8-Jul-97	SW8260	Trichloroethene	0.213	0.0854	ug/L
TOWER	MW10-W28U	6-Jan-98	SW8260	Trichloroethene	0.229	0.181	ug/L
TOWER	MW10-W28U	11-Apr-98	SW8260	Trichloroethene	0.188	0.0892	ug/L
TOWER	MW10-W28U	7-Jul-98	SW8260	Trichloroethene	0.297	0.0892	ug/L
TOWER	MW10-W28U	11-Oct-98	SW8260B	Trichloroethene	0.219	0.219	ug/L
TOWER	MW10-W28U	6-Jan-99	SW8260B	Trichloroethene	0.251	0.0892	ug/L
TOWER	MW10-W28U	6-Apr-99	SW8260B	Trichloroethene	0.292	0.0929	ug/L
TOWER	MW10-W28U	7-Jul-99	SW8260B	Trichloroethene	0.34	0.0929	ug/L
TOWER	MW10-W28U	11-Oct-99	SW8260B	Trichloroethene	0.253	0.0499	ug/L
TOWER	MW10-W28U	7-Jan-00	SW8260B	Trichloroethene	0.243	0.0905	ug/L
TOWER	MW10-W29L	11-Jul-99	SW8260B	Trichloroethene	0.159	0.0929	ug/L
TOWER	MW10-W29L	15-Oct-99	SW8260B	Trichloroethene	0.0702	0.0499	ug/L
TOWER	MW10-W29U	6-Jan-00	SW8260B	Trichloroethene	0.171	0.0499	ug/L
TOWER	MW10-W2L	8-Oct-96	SW8260	Trichloroethene	2.76	0.0931	ug/L
TOWER	MW10-W2L	8-Jan-97	SW8260	Trichloroethene	4.88	0.0931	ug/L
TOWER	MW10-W2L	4-Apr-97	SW8260	Trichloroethene	2.09	0.108	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W2L	12-Jul-97	SW8260	Trichloroethene	3.41	0.0854	ug/L
TOWER	MW10-W2L	10-Oct-97	SW8260	Trichloroethene	8.74	0.181	ug/L
TOWER	MW10-W2L	10-Jan-98	SW8260	Trichloroethene	8.78	0.181	ug/L
TOWER	MW10-W2L	11-Apr-98	SW8260	Trichloroethene	6.35	0.0892	ug/L
TOWER	MW10-W2L	11-Jul-98	SW8260	Trichloroethene	7.61	0.181	ug/L
TOWER	MW10-W2L	10-Oct-98	SW8260B	Trichloroethene	9.72	0.219	ug/L
TOWER	MW10-W2L	9-Jan-99	SW8260B	Trichloroethene	8.47	0.0892	ug/L
TOWER	MW10-W2M	15-Jun-96	SW8260	Trichloroethene	3.04	0.127	ug/L
TOWER	MW10-W2M	9-Oct-96	SW8260	Trichloroethene	2.89	0.0931	ug/L
TOWER	MW10-W2M	10-Jan-97	SW8260	Trichloroethene	2.45	0.0931	ug/L
TOWER	MW10-W2M	3-Apr-97	SW8260	Trichloroethene	1.79	0.108	ug/L
TOWER	MW10-W2M	12-Jul-97	SW8260	Trichloroethene	3.85	0.0854	ug/L
TOWER	MW10-W2M	14-Oct-97	SW8260	Trichloroethene	8.4	0.181	ug/L
TOWER	MW10-W2M	10-Jan-98	SW8260	Trichloroethene	11	0.181	ug/L
TOWER	MW10-W2M	15-Apr-98	SW8260	Trichloroethene	7.19	0.0892	ug/L
TOWER	MW10-W2M	11-Jul-98	SW8260	Trichloroethene	9.18	0.181	ug/L
TOWER	MW10-W2M	13-Oct-98	SW8260B	Trichloroethene	12.6	0.219	ug/L
TOWER	MW10-W2M	9-Jan-99	SW8260B	Trichloroethene	10.3	0.0892	ug/L
TOWER	MW10-W2U	14-Oct-95	SW8240	Trichloroethene	35.7	0.245	ug/L
TOWER	MW10-W2U	1-Dec-95	SW8240	Trichloroethene	39.3	0.245	ug/L
TOWER	MW10-W2U	17-Jun-96	SW8260	Trichloroethene	73.7	0.254	ug/L
TOWER	MW10-W2U	7-Oct-96	SW8260	Trichloroethene	89.5	0.186	ug/L
TOWER	MW10-W2U	9-Jan-97	SW8260	Trichloroethene	101	0.186	ug/L
TOWER	MW10-W2U	4-Apr-97	SW8260	Trichloroethene	71.6	0.108	ug/L
TOWER	MW10-W2U	16-Jul-97	SW8260	Trichloroethene	33.4	0.0854	ug/L
TOWER	MW10-W2U	14-Oct-97	SW8260	Trichloroethene	30.8	0.108	ug/L
TOWER	MW10-W2U	10-Jan-98	SW8260	Trichloroethene	14.5	0.108	ug/L
TOWER	MW10-W2U	14-Apr-98	SW8260	Trichloroethene	25.5	0.181	ug/L
TOWER	MW10-W2U	13-Jul-98	SW8260	Trichloroethene	39	0.0892	ug/L
TOWER	MW10-W2U	11-Oct-98	SW8260B	Trichloroethene	39.7	0.0892	ug/L
TOWER	MW10-W2U	11-Jan-99	SW8260B	Trichloroethene	35.2	0.0892	ug/L
TOWER	MW10-W2U	10-Apr-99	SW8260B	Trichloroethene	41.8	0.219	ug/L
TOWER	MW10-W2U	10-Jul-99	SW8260B	Trichloroethene	50.7	0.161	ug/L
TOWER	MW10-W2U	12-Oct-99	SW8260B	Trichloroethene	45.3	0.0905	ug/L
TOWER	MW10-W2U	12-Jan-00	SW8260B	Trichloroethene	56.4	0.0499	ug/L
TOWER	MW10-W3	14-Mar-94	SW8260	Trichloroethene	50.2	0.0439	ug/L
TOWER	MW10-W3	9-Jun-94	SW8260	Trichloroethene	33	0.0439	ug/L
TOWER	MW10-W3	13-Sep-94	SW8260	Trichloroethene	40.1	0.1	ug/L
TOWER	MW10-W3	11-Dec-94	SW8240	Trichloroethene	26.8	0.455	ug/L
TOWER	MW10-W3	10-Mar-95	SW8240	Trichloroethene	19.4	0.455	ug/L
TOWER	MW10-W3	21-Jun-95	SW8240	Trichloroethene	85.9	0.438	ug/L
TOWER	MW10-W30M	15-Jul-98	SW8260	Trichloroethene	1.11	0.0892	ug/L
TOWER	MW10-W30M	11-Oct-98	SW8260B	Trichloroethene	0.802	0.0892	ug/L
TOWER	MW10-W30M	6-Jan-99	SW8260B	Trichloroethene	1.23	0.0892	ug/L
TOWER	MW10-W30U	14-Jul-98	SW8260	Trichloroethene	0.123	0.0892	ug/L
TOWER	MW10-W30U	12-Jan-99	SW8260B	Trichloroethene	0.144	0.0892	ug/L
TOWER	MW10-W31L	13-Jan-99	SW8260B	Trichloroethene	96.4	0.219	ug/L
TOWER	MW10-W31L	14-Apr-99	SW8260B	Trichloroethene	186	0.929	ug/L
TOWER	MW10-W31L	14-Jul-99	SW8260B	Trichloroethene	204	0.464	ug/L
TOWER	MW10-W31L	16-Oct-99	SW8260B	Trichloroethene	206	0.452	ug/L
TOWER	MW10-W31L	12-Jan-00	SW8260B	Trichloroethene	201	0.452	ug/L
TOWER	MW10-W31M	12-Jan-99	SW8260B	Trichloroethene	29.9	0.0892	ug/L
TOWER	MW10-W31M	13-Apr-99	SW8260B	Trichloroethene	33.4	0.0929	ug/L
TOWER	MW10-W31M	14-Jul-99	SW8260B	Trichloroethene	27.2	0.0929	ug/L
TOWER	MW10-W31M	15-Oct-99	SW8260B	Trichloroethene	27.3	0.0929	ug/L
TOWER	MW10-W31U	8-Jan-99	SW8260B	Trichloroethene	0.099	0.0892	ug/L
TOWER	MW10-W32L	10-Jul-99	SW8260B	Trichloroethene	0.268	0.161	ug/L
TOWER	MW10-W32L	11-Oct-99	SW8260B	Trichloroethene	0.296	0.0499	ug/L
TOWER	MW10-W32L	6-Jan-00	SW8260B	Trichloroethene	0.151	0.0499	ug/L
TOWER	MW10-W32U	12-Oct-99	SW8260B	Trichloroethene	0.166	0.0905	ug/L
TOWER	MW10-W33M	10-Jul-99	SW8260B	Trichloroethene	0.391	0.161	ug/L
TOWER	MW10-W34L	13-Jul-99	SW8260B	Trichloroethene	5.75	0.161	ug/L
TOWER	MW10-W34L	14-Oct-99	SW8260B	Trichloroethene	7.1	0.0905	ug/L
TOWER	MW10-W34L	11-Jan-00	SW8260B	Trichloroethene	6.61	0.0905	ug/L
TOWER	MW10-W34M	12-Jul-99	SW8260B	Trichloroethene	5.05	0.161	ug/L
TOWER	MW10-W34M	14-Oct-99	SW8260B	Trichloroethene	5.9	0.0905	ug/L
TOWER	MW10-W35L	13-Jul-99	SW8260B	Trichloroethene	1.41	0.0929	ug/L
TOWER	MW10-W35L	6-Nov-99	SW8260B	Trichloroethene	0.889	0.0929	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W35L	8-Jan-00	SW8260B	Trichloroethene	0.799	0.0905	ug/L
TOWER	MW10-W35U	12-Jul-99	SW8260B	Trichloroethene	0.647	0.0929	ug/L
TOWER	MW10-W35U	13-Oct-99	SW8260B	Trichloroethene	0.769	0.0905	ug/L
TOWER	MW10-W36U	11-Apr-99	SW8260B	Trichloroethene	1.52	0.219	ug/L
TOWER	MW10-W36U	13-Jul-99	SW8260B	Trichloroethene	1.97	0.0929	ug/L
TOWER	MW10-W36U	16-Oct-99	SW8260B	Trichloroethene	1.43	0.0929	ug/L
TOWER	MW10-W36U	12-Jan-00	SW8260B	Trichloroethene	1.35	0.0499	ug/L
TOWER	MW10-W37L	11-Apr-99	SW8260B	Trichloroethene	6.23	0.219	ug/L
TOWER	MW10-W37L	14-Jul-99	SW8260B	Trichloroethene	6.7	0.0929	ug/L
TOWER	MW10-W37L	14-Oct-99	SW8260B	Trichloroethene	4.39	0.0499	ug/L
TOWER	MW10-W37L	12-Jan-00	SW8260B	Trichloroethene	3.35	0.0905	ug/L
TOWER	MW10-W3L	8-Nov-96	SW8260	Trichloroethene	80.7	0.186	ug/L
TOWER	MW10-W3L	8-Jan-97	SW8260	Trichloroethene	66.5	0.0931	ug/L
TOWER	MW10-W3L	4-Apr-97	SW8260	Trichloroethene	111	0.216	ug/L
TOWER	MW10-W3L	16-Jul-97	SW8260	Trichloroethene	56.7	0.0854	ug/L
TOWER	MW10-W3L	15-Oct-97	SW8260	Trichloroethene	103	0.181	ug/L
TOWER	MW10-W3L	13-Jan-98	SW8260	Trichloroethene	71.5	0.108	ug/L
TOWER	MW10-W3L	15-Apr-98	SW8260	Trichloroethene	74.2	0.0892	ug/L
TOWER	MW10-W3L	14-Jul-98	SW8260	Trichloroethene	81.9	0.0892	ug/L
TOWER	MW10-W3L	14-Oct-98	SW8260B	Trichloroethene	69.4	0.219	ug/L
TOWER	MW10-W3L	12-Jan-99	SW8260B	Trichloroethene	80.7	0.0892	ug/L
TOWER	MW10-W3L	12-Apr-99	SW8260B	Trichloroethene	67.6	0.219	ug/L
TOWER	MW10-W3L	13-Jul-99	SW8260B	Trichloroethene	98.4	0.161	ug/L
TOWER	MW10-W3L	12-Oct-99	SW8260B	Trichloroethene	90.6	0.0905	ug/L
TOWER	MW10-W3L	12-Jan-00	SW8260B	Trichloroethene	72.1	0.0905	ug/L
TOWER	MW10-W3M	16-Jun-96	SW8260	Trichloroethene	67.3	0.127	ug/L
TOWER	MW10-W3M	10-Nov-96	SW8260	Trichloroethene	65.7	0.0931	ug/L
TOWER	MW10-W3M	9-Jan-97	SW8260	Trichloroethene	80.4	0.186	ug/L
TOWER	MW10-W3M	4-Apr-97	SW8260	Trichloroethene	74.1	0.108	ug/L
TOWER	MW10-W3M	15-Jul-97	SW8260	Trichloroethene	55.9	0.0854	ug/L
TOWER	MW10-W3M	15-Oct-97	SW8260	Trichloroethene	53.7	0.108	ug/L
TOWER	MW10-W3M	13-Jan-98	SW8260	Trichloroethene	35.8	0.108	ug/L
TOWER	MW10-W3M	15-Apr-98	SW8260	Trichloroethene	33.7	0.0892	ug/L
TOWER	MW10-W3M	15-Jul-98	SW8260	Trichloroethene	31.1	0.0892	ug/L
TOWER	MW10-W3M	14-Oct-98	SW8260B	Trichloroethene	24.8	0.219	ug/L
TOWER	MW10-W3M	12-Jan-99	SW8260B	Trichloroethene	24.1	0.0892	ug/L
TOWER	MW10-W3U	14-Oct-95	SW8240	Trichloroethene	50.3	0.245	ug/L
TOWER	MW10-W3U	4-Dec-95	SW8240	Trichloroethene	45.9	0.245	ug/L
TOWER	MW10-W3U	19-Jun-96	SW8260	Trichloroethene	36.1	0.0931	ug/L
TOWER	MW10-W3U	9-Nov-96	SW8260	Trichloroethene	25.1	0.0931	ug/L
TOWER	MW10-W3U	10-Jan-97	SW8260	Trichloroethene	29.5	0.0931	ug/L
TOWER	MW10-W3U	7-Apr-97	SW8260	Trichloroethene	18	0.108	ug/L
TOWER	MW10-W3U	6-Aug-97	SW8260	Trichloroethene	8.05	0.108	ug/L
TOWER	MW10-W3U	11-Oct-97	SW8260	Trichloroethene	6.27	0.181	ug/L
TOWER	MW10-W3U	10-Jan-98	SW8260	Trichloroethene	3.84	0.108	ug/L
TOWER	MW10-W3U	14-Apr-98	SW8260	Trichloroethene	3.02	0.181	ug/L
TOWER	MW10-W3U	12-Jul-98	SW8260	Trichloroethene	2.58	0.219	ug/L
TOWER	MW10-W3U	11-Oct-98	SW8260B	Trichloroethene	2.39	0.219	ug/L
TOWER	MW10-W3U	9-Jan-99	SW8260B	Trichloroethene	2.55	0.0892	ug/L
TOWER	MW10-W4	3-Jan-97	SW8260	Trichloroethene	0.133	0.0931	ug/L
TOWER	MW10-W4	12-Jul-97	SW8260	Trichloroethene	0.418	0.0815	ug/L
TOWER	MW10-W42U	9-Jan-00	SW8260B	Trichloroethene	0.184	0.0905	ug/L
TOWER	MW10-W5U	13-Mar-94	SW8260	Trichloroethene	61.5	0.0878	ug/L
TOWER	MW10-W5U	9-Jun-94	SW8260	Trichloroethene	74.3	0.0439	ug/L
TOWER	MW10-W5U	13-Sep-94	SW8260	Trichloroethene	38.7	0.2	ug/L
TOWER	MW10-W5U	13-Dec-94	SW8240	Trichloroethene	25	0.352	ug/L
TOWER	MW10-W5U	13-Mar-95	SW8240	Trichloroethene	50.1	0.438	ug/L
TOWER	MW10-W5U	19-Jun-95	SW8240	Trichloroethene	18.1	0.438	ug/L
TOWER	MW10-W5U	19-Oct-95	SW8240	Trichloroethene	15.3	0.245	ug/L
TOWER	MW10-W5U	7-Dec-95	SW8240	Trichloroethene	13.1	0.245	ug/L
TOWER	MW10-W5U	14-Jun-96	SW8260	Trichloroethene	9.91	0.0931	ug/L
TOWER	MW10-W5U	9-Oct-96	SW8260	Trichloroethene	6.82	0.0931	ug/L
TOWER	MW10-W5U	9-Jan-97	SW8260	Trichloroethene	9.52	0.0931	ug/L
TOWER	MW10-W5U	6-Apr-97	SW8260	Trichloroethene	13.7	0.108	ug/L
TOWER	MW10-W5U	7-Aug-97	SW8260	Trichloroethene	13.7	0.108	ug/L
TOWER	MW10-W5U	12-Oct-97	SW8260	Trichloroethene	22.2	0.181	ug/L
TOWER	MW10-W5U	9-Jan-98	SW8260	Trichloroethene	20.9	0.181	ug/L
TOWER	MW10-W5U	12-Apr-98	SW8260	Trichloroethene	18.2	0.0892	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	MW10-W5U	10-Jul-98	SW8260	Trichloroethene	26.3	0.0892	ug/L
TOWER	MW10-W5U	11-Oct-98	SW8260B	Trichloroethene	10.4	0.219	ug/L
TOWER	MW10-W5U	8-Jan-99	SW8260B	Trichloroethene	12.3	0.0892	ug/L
TOWER	MW10-W5U	8-Apr-99	SW8260B	Trichloroethene	6.15	0.219	ug/L
TOWER	MW10-W5U	9-Jul-99	SW8260B	Trichloroethene	3.92	0.161	ug/L
TOWER	MW10-W5U	12-Oct-99	SW8260B	Trichloroethene	3.76	0.0905	ug/L
TOWER	MW10-W5U	11-Jan-00	SW8260B	Trichloroethene	16.4	0.0905	ug/L
TOWER	MW10-W6	9-Jun-94	SW8260	Trichloroethene	0.14	0.0439	ug/L
TOWER	MW10-W6	8-Jan-98	SW8260	Trichloroethene	0.257	0.108	ug/L
TOWER	MW10-W7	13-Mar-94	SW8260	Trichloroethene	0.1	0.0439	ug/L
TOWER	MW10-W7	9-Jun-94	SW8260	Trichloroethene	0.1	0.0439	ug/L
TOWER	MW10-W7	9-Jan-98	SW8260	Trichloroethene	0.126	0.108	ug/L
TOWER	MW10-W9L	16-Jun-96	SW8260	Trichloroethene	49.2	0.127	ug/L
TOWER	MW10-W9L	10-Nov-96	SW8260	Trichloroethene	54.5	0.0931	ug/L
TOWER	MW10-W9L	10-Jan-97	SW8260	Trichloroethene	59.8	0.0931	ug/L
TOWER	MW10-W9L	22-Apr-97	SW8260	Trichloroethene	50.7	0.0815	ug/L
TOWER	MW10-W9L	14-Jul-97	SW8260	Trichloroethene	45.4	0.0815	ug/L
TOWER	MW10-W9L	15-Oct-97	SW8260	Trichloroethene	54.4	0.108	ug/L
TOWER	MW10-W9L	11-Jan-98	SW8260	Trichloroethene	47.3	0.181	ug/L
TOWER	MW10-W9L	13-Apr-98	SW8260	Trichloroethene	42.7	0.0892	ug/L
TOWER	MW10-W9L	13-Jul-98	SW8260	Trichloroethene	33.3	0.181	ug/L
TOWER	MW10-W9L	11-Oct-98	SW8260B	Trichloroethene	39.4	0.0892	ug/L
TOWER	MW10-W9L	11-Jan-99	SW8260B	Trichloroethene	46.4	0.0892	ug/L
TOWER	MW10-W9L	13-Apr-99	SW8260B	Trichloroethene	62.7	0.0929	ug/L
TOWER	MW10-W9L	14-Jul-99	SW8260B	Trichloroethene	54.2	0.0929	ug/L
TOWER	MW10-W9L	12-Oct-99	SW8260B	Trichloroethene	47.1	0.0905	ug/L
TOWER	MW10-W9L	12-Jan-00	SW8260B	Trichloroethene	34.5	0.0905	ug/L
TOWER	MW10-W9U	15-Jun-96	SW8260	Trichloroethene	42	0.127	ug/L
TOWER	MW10-W9U	9-Oct-96	SW8260	Trichloroethene	39.1	0.0931	ug/L
TOWER	MW10-W9U	9-Jan-97	SW8260	Trichloroethene	53.4	0.0931	ug/L
TOWER	MW10-W9U	21-Apr-97	SW8260	Trichloroethene	29.5	0.0815	ug/L
TOWER	MW10-W9U	13-Jul-97	SW8260	Trichloroethene	24.1	0.0815	ug/L
TOWER	MW10-W9U	14-Oct-97	SW8260	Trichloroethene	27.8	0.181	ug/L
TOWER	MW10-W9U	12-Jan-98	SW8260	Trichloroethene	22.5	0.181	ug/L
TOWER	MW10-W9U	14-Apr-98	SW8260	Trichloroethene	22.6	0.0892	ug/L
TOWER	MW10-W9U	12-Jul-98	SW8260	Trichloroethene	23.7	0.181	ug/L
TOWER	MW10-W9U	12-Oct-98	SW8260B	Trichloroethene	9.1	0.0892	ug/L
TOWER	MW10-W9U	10-Jan-99	SW8260B	Trichloroethene	11.5	0.0892	ug/L
TOWER	MW10-W9U	13-Apr-99	SW8260B	Trichloroethene	8.99	0.0929	ug/L
TOWER	MW10-W9U	14-Jul-99	SW8260B	Trichloroethene	9.28	0.0929	ug/L
TOWER	MW10-W9U	12-Oct-99	SW8260B	Trichloroethene	18.1	0.0905	ug/L
TOWER	MWP-3	10-Mar-94	SW8260	Trichloroethene	1.09	0.0439	ug/L
TOWER	MWP-3	8-Jun-94	SW8260	Trichloroethene	0.84	0.0439	ug/L
TOWER	MWP-3	13-Sep-94	SW8260	Trichloroethene	0.89	0.1	ug/L
TOWER	MWP-3	15-Jun-95	SW8240	Trichloroethene	1.23	0.438	ug/L
TOWER	MWP-3	17-Oct-95	SW8240	Trichloroethene	0.818	0.245	ug/L
TOWER	MWP-3	5-Dec-95	SW8240	Trichloroethene	1.48	0.245	ug/L
TOWER	MWP-3	1-Oct-96	SW8260	Trichloroethene	1.64	0.0931	ug/L
TOWER	MWP-3	8-Jan-97	SW8260	Trichloroethene	1.53	0.0931	ug/L
TOWER	MWP-3	3-Apr-97	SW8260	Trichloroethene	1.09	0.108	ug/L
TOWER	MWP-3	11-Jul-97	SW8260	Trichloroethene	1.49	0.0815	ug/L
TOWER	MWP-3	10-Oct-97	SW8260	Trichloroethene	1.89	0.108	ug/L
TOWER	MWP-3	10-Jan-98	SW8260	Trichloroethene	2.51	0.181	ug/L
TOWER	MWP-3	13-Apr-98	SW8260	Trichloroethene	1.62	0.0892	ug/L
TOWER	MWP-3	12-Jul-98	SW8260	Trichloroethene	1.94	0.219	ug/L
TOWER	MWP-3	10-Oct-98	SW8260B	Trichloroethene	1.82	0.219	ug/L
TOWER	MWP-3	10-Jan-99	SW8260B	Trichloroethene	2.91	0.0892	ug/L
TOWER	MWP-4	10-Mar-94	SW8260	Trichloroethene	0.37	0.0439	ug/L
TOWER	MWP-4	9-Jun-94	SW8260	Trichloroethene	0.43	0.0439	ug/L
TOWER	MWP-4	5-Dec-95	SW8240	Trichloroethene	0.339	0.245	ug/L
TOWER	OB-1	11-Mar-94	SW8260	Trichloroethene	3.22	0.0439	ug/L
TOWER	OB-1	14-Jun-94	SW8260	Trichloroethene	2.25	0.0439	ug/L
TOWER	OB-1	20-Sep-94	SW8260	Trichloroethene	2.44	0.1	ug/L
TOWER	OB-1	15-Dec-94	SW8240	Trichloroethene	2.4	0.352	ug/L
TOWER	OB-1	15-Jun-95	SW8240	Trichloroethene	1.75	0.438	ug/L
TOWER	OB-1	13-Sep-95	SW8240	Trichloroethene	1.05	0.438	ug/L
TOWER	OB-1	5-Dec-95	SW8240	Trichloroethene	1.1	0.245	ug/L
TOWER	OB-3	12-Mar-94	SW8260	Trichloroethene	15.3	0.0439	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	OB-3	9-Jun-94	SW8260	Trichloroethene	9.93	0.0439	ug/L
TOWER	OB-3	16-Sep-94	SW8260	Trichloroethene	8.78	0.1	ug/L
TOWER	OB-3	14-Dec-94	SW8240	Trichloroethene	14.2	0.352	ug/L
TOWER	OB-3	11-Mar-95	SW8240	Trichloroethene	10.8	0.438	ug/L
TOWER	OB-3	18-Jun-95	SW8240	Trichloroethene	16	0.438	ug/L
TOWER	OB-3	18-Oct-95	SW8240	Trichloroethene	13.8	0.245	ug/L
TOWER	OB-3	4-Dec-95	SW8240	Trichloroethene	14.7	0.245	ug/L
TOWER	OB-3	8-Oct-96	SW8260	Trichloroethene	15.4	0.0931	ug/L
TOWER	OB-3	9-Jan-97	SW8260	Trichloroethene	14.2	0.0931	ug/L
TOWER	OB-3	7-Apr-97	SW8260	Trichloroethene	13	0.108	ug/L
TOWER	OB-3	12-Jul-97	SW8260	Trichloroethene	9.11	0.0854	ug/L
TOWER	OB-3	12-Oct-97	SW8260	Trichloroethene	11.4	0.181	ug/L
TOWER	OB-3	9-Jan-98	SW8260	Trichloroethene	9.89	0.181	ug/L
TOWER	OB-3	12-Apr-98	SW8260	Trichloroethene	7.65	0.0892	ug/L
TOWER	OB-3	10-Jul-98	SW8260	Trichloroethene	6.71	0.0892	ug/L
TOWER	OB-3	11-Oct-98	SW8260B	Trichloroethene	5	0.0892	ug/L
TOWER	OB-3	9-Jan-99	SW8260B	Trichloroethene	3.09	0.0892	ug/L
TOWER	OB-4	15-Mar-94	SW8260	Trichloroethene	31.5	0.0439	ug/L
TOWER	OB-4	10-Jun-94	SW8260	Trichloroethene	40.8	0.0439	ug/L
TOWER	OB-4	16-Sep-94	SW8260	Trichloroethene	34.6	0.1	ug/L
TOWER	OB-4	14-Dec-94	SW8240	Trichloroethene	31.9	0.352	ug/L
TOWER	OB-4	12-Mar-95	SW8240	Trichloroethene	37	0.438	ug/L
TOWER	OB-4	19-Jun-95	SW8240	Trichloroethene	58	0.438	ug/L
TOWER	OB-4	19-Oct-95	SW8240	Trichloroethene	96.1	0.245	ug/L
TOWER	OB-4	4-Dec-95	SW8240	Trichloroethene	92	0.245	ug/L
TOWER	OB-4	8-Oct-96	SW8260	Trichloroethene	87.8	0.186	ug/L
TOWER	OB-4	10-Jan-97	SW8260	Trichloroethene	55.1	0.0931	ug/L
TOWER	OB-4	9-Apr-97	SW8260	Trichloroethene	53.2	0.108	ug/L
TOWER	OB-4	15-Jul-97	SW8260	Trichloroethene	119	0.171	ug/L
TOWER	OB-4	15-Oct-97	SW8260	Trichloroethene	231	1.81	ug/L
TOWER	OB-4	14-Jan-98	SW8260	Trichloroethene	420	1.81	ug/L
TOWER	OB-4	15-Apr-98	SW8260	Trichloroethene	271	0.892	ug/L
TOWER	OB-4	14-Jul-98	SW8260	Trichloroethene	235	0.446	ug/L
TOWER	OB-4	14-Oct-98	SW8260B	Trichloroethene	166	2.19	ug/L
TOWER	OB-4	12-Jan-99	SW8260B	Trichloroethene	115	0.892	ug/L
TOWER	OB-4	14-Apr-99	SW8260B	Trichloroethene	75.6	0.0929	ug/L
TOWER	OB-4	14-Jul-99	SW8260B	Trichloroethene	112	0.805	ug/L
TOWER	OB-4	16-Oct-99	SW8260B	Trichloroethene	83.5	0.181	ug/L
TOWER	OB-4	13-Jan-00	SW8260B	Trichloroethene	63.2	0.0905	ug/L
TOWER	OB-5	11-Mar-94	SW8260	Trichloroethene	7.7	0.0439	ug/L
TOWER	OB-S	16-Dec-94	SW8240	Trichloroethene	6.65	0.352	ug/L
TOWER	OB-S	21-Jun-95	SW8240	Trichloroethene	2.56	0.438	ug/L
TOWER	OB-S	18-Oct-95	SW8240	Trichloroethene	5.57	0.245	ug/L
TOWER	OB-S	5-Dec-95	SW8240	Trichloroethene	3.01	0.245	ug/L
TOWER	OB-S	15-Apr-98	SW8260	Trichloroethene	5.81	0.0892	ug/L
TOWER	OW-1	15-Mar-94	SW8260	Trichloroethene	1.74	0.0439	ug/L
TOWER	OW-1	9-Jun-94	SW8260	Trichloroethene	2.21	0.0439	ug/L
TOWER	OW-1	18-Sep-94	SW8260	Trichloroethene	2.47	0.1	ug/L
TOWER	OW-1	11-Mar-95	SW8240	Trichloroethene	3	0.455	ug/L
TOWER	OW-1	18-Jun-95	SW8240	Trichloroethene	3.97	0.438	ug/L
TOWER	OW-1	15-Sep-95	SW8240	Trichloroethene	6.11	0.438	ug/L
TOWER	OW-1	6-Dec-95	SW8240	Trichloroethene	5.67	0.245	ug/L
TOWER	OW-2	15-Mar-94	SW8260	Trichloroethene	1.34	0.0439	ug/L
TOWER	OW-2	9-Jun-94	SW8260	Trichloroethene	0.81	0.0439	ug/L
TOWER	OW-2	18-Sep-94	SW8260	Trichloroethene	0.92	0.1	ug/L
TOWER	OW-2	18-Jun-95	SW8240	Trichloroethene	1.86	0.438	ug/L
TOWER	OW-2	13-Sep-95	SW8240	Trichloroethene	0.818	0.438	ug/L
TOWER	OW-2	6-Dec-95	SW8240	Trichloroethene	1.23	0.245	ug/L
TOWER	OW-2	2-Apr-97	SW8260	Trichloroethene	1.4	0.108	ug/L
TOWER	OW-3	14-Mar-94	SW8260	Trichloroethene	0.88	0.0439	ug/L
TOWER	OW-3	10-Jun-94	SW8260	Trichloroethene	0.87	0.0439	ug/L
TOWER	OW-3	18-Sep-94	SW8260	Trichloroethene	0.72	0.1	ug/L
TOWER	OW-3	17-Jun-95	SW8240	Trichloroethene	2.29	0.438	ug/L
TOWER	OW-3	15-Oct-95	SW8240	Trichloroethene	0.72	0.245	ug/L
TOWER	OW-3	3-Dec-95	SW8240	Trichloroethene	1.36	0.245	ug/L
TOWER	OW-3	4-Apr-97	SW8260	Trichloroethene	14.4	0.108	ug/L
TOWER	OW-4	14-Mar-94	SW8260	Trichloroethene	0.6	0.0439	ug/L
TOWER	OW-4	12-Jun-94	SW8260	Trichloroethene	0.58	0.0439	ug/L

Loc.	Well I.D.	Date	Method	Constituent	Conc.	Lower Limit	Units
TOWER	OW-4	18-Sep-94	SW8260	Trichloroethene	0.62	0.1	ug/L
TOWER	OW-4	17-Jun-95	SW8240	Trichloroethene	0.591	0.438	ug/L
TOWER	OW-4	15-Oct-95	SW8240	Trichloroethene	0.642	0.245	ug/L
TOWER	OW-4	4-Dec-95	SW8240	Trichloroethene	0.547	0.245	ug/L
TOWER	OW-4	3-Apr-97	SW8260	Trichloroethene	0.376	0.108	ug/L
TOWER	PIEZ-2	16-Dec-94	SW8240	Trichloroethene	4.32	0.352	ug/L
TOWER	PIEZ-2	11-Mar-95	SW8240	Trichloroethene	6.38	0.455	ug/L
TOWER	PIEZ-2	18-Jun-95	SW8240	Trichloroethene	11.6	0.438	ug/L
TOWER	PIEZ-2	19-Oct-95	SW8240	Trichloroethene	21.3	0.245	ug/L
TOWER	PIEZ-2	6-Dec-95	SW8240	Trichloroethene	44.2	0.245	ug/L
TOWER	PIEZ-2	15-Apr-98	SW8260	Trichloroethene	7.25	0.0892	ug/L
TOWER	WS-12	14-Jul-98	SW8260	Trichloroethene	0.668	0.0892	ug/L
TOWER	WS-8	13-Mar-94	SW8260	Trichloroethene	105	0.0878	ug/L
TOWER	WS-8	12-Jun-94	SW8260	Trichloroethene	70.8	0.22	ug/L
TOWER	WS-8	18-Sep-94	SW8260	Trichloroethene	80.7	0.2	ug/L
TOWER	WS-8	14-Dec-94	SW8240	Trichloroethene	109	0.352	ug/L
TOWER	WS-8	12-Mar-95	SW8240	Trichloroethene	107	0.438	ug/L
TOWER	WS-8	20-Jun-95	SW8240	Trichloroethene	257	0.91	ug/L
TOWER	WS-8	15-Sep-95	SW8240	Trichloroethene	191	0.876	ug/L
TOWER	WS-8	4-Dec-95	SW8240	Trichloroethene	115	0.245	ug/L
TOWER	WS-9	16-Mar-94	SW8260	Trichloroethene	0.49	0.0439	ug/L

APPENDIX C – Fingerprinting Data Lab Results

Well I.D.	Ca	Mg	K	Na	Cl	SO4	NO3	NO2	Alk8.3	Alk4	Bicarb.	Carb.	Cond.	T	pH	DO
	mg/L										mg/L as CaCO3		uS/cm	F		mg/L
JS4-DW223	74.6	84.9	14.9	95.2	224	202	4.72	<0.5	<1.0	222	222	<1.0	1551	60.4	7.48	9.09
JS4-DW224BF	57.1	63.5	13.5	88.7	141	156	3.19	<0.5	<1.0	241	241	<1.0	860	65.9	7.47	14.2
JS4-DW234	92.9	113	17.2	118	270	332	6.48	<0.5	<1.0	203	203	<1.0	922	65.4	7.02	6.64
JS4-DW235	50.3	55.9	12.5	87.5	114	144	2.02	<0.5	<1.0	245	245	<1.0	932	57.3	7.45	9.3
JS4-DW236	61.9	68.8	13.3	91.2	152	167	3.08	<0.5	<1.0	248	248	<1.0	910	64.4	7.08	9.15
JS4-DW237	64.1	74.3	13.1	98.9	159	199	2.77	<0.5	<1.0	236	236	<1.0	1650	62.7	7.49	7.11
JS4-DW243	68.2	78.8	14.8	92.6	191	183	4.64	<0.5	<1.0	227	227	<1.0	1545	59.6	7.32	8.92
JS4-DW324	61.5	70.3	14.2	94	173	205	3.31	<0.5	<1.0	232	232	<1.0	1050	63.8	7.47	6.15
JS4-DW327	60.7	70.4	14.2	96	173	182	3.53	<0.5	<1.0	232	232	<1.0	1011	64.3	7.59	5.31
JS4-DW842	56.3	62	13	86.6	146	152	2.97	<0.5	<1.0	234	234	<1.0	955	65.2	6.85	10.3
JS4-DW865	58	67.9	12.5	94.8	142	173	2.41	<0.5	<1.0	238	238	<1.0	1614	62.1	7.67	4.94
JS16-DW199	124	139	19.1	126	376	420	9.12	<0.5	<1.0	199	199	<1.0	1712	59.8	7.29	
JS16-DW200	76.8	84.8	15.7	101	228	186	5.11	<0.5	<1.0	221	221	<1.0	987	65.2	7.62	7.26
JS16-DW201	82.9	99.6	14.9	109	140	219	4.07	<0.5	<1.0	211	211	<1.0	1399	60.1	7.53	7.69
JS16-DW203	64.5	73.5	13.6	94.4	170	168	4.98	<0.5	<1.0	223	223	<1.0	1089	64.6	7.45	7.72
JS16-DW204	76.1	87.5	14.6	103	223	194	3.17	<0.5	<1.0	233	233	<1.0	1182	55.9	7.38	
JS16-DW229BF	58.9	68.5	13.9	63.1	162	157	2.61	<0.5	<1.0	247	247	<1.0	923	59	7.56	6.94
JS16-DW230BF	54.9	60.9	13.2	86.3	94	123	2.55	<0.5	<1.0	239	239	<1.0	927	63.8	7.52	
JS16-DW231	76.5	87.8	15.9	105	226	236	5.43	<0.5	<1.0	227	227	<1.0	1055	55.5	7.57	8.42
JS16-DW305	60.4	68.2	13.8	92.3	153	165	4.58	<0.5	<1.0	227	227	<1.0	1078	62.5	7.47	7.8
JS16-DW312	64.9	73.3	15	93.1	174	183	4.66	<0.5	<1.0	220	220	<1.0	1079	58.6	7.42	10.15
JS16-DW370	52.1	59.1	11.9	69.8	106	131	4.87	<0.5	<1.0	254	254	<1.0	861	55.6	7.4	9.41
JS16-DW371	60.4	68	13.5	81.3	137	156	5.53	<0.5	<1.0	236	236	<1.0	1019	63.6	7.46	8.44
JS16-DW383	58.7	65.3	15.5	84	134	147	2.73	<0.5	<1.0	246	246	<1.0	1206	69.1	7.34	6.12
JS16-DW384	94.7	111	15.7	115	236	364	6.89	<0.5	<1.0	212	212	<1.0	1323	58.2	7.4	9.48
JS16-DW386	64.2	74.9	15.9	96.1	161	186	9.76	<0.5	<1.0	218	218	<1.0	1362	66.3	7.27	6.63
JS16-DW450	61.5	71.3	15.2	85.6	139	172	3.62	<0.5	<1.0	239	239	<1.0	965	56.5	7.38	8.12
JS16-DW452	69.9	82.1	15.7	102	220	193	4.72	<0.5	<1.0	226	226	<1.0	1488	62.1	7.41	8.18
JS16-DW849	63.3	72.3	13.4	92.3	152	171	4.98	<0.5	<1.0	227	227	<1.0	1047	60.5	7.4	9.31
JS17-DW003BF	58.7	67.6	14.2	110	139	175	3.31	<0.5	<1.0	287	287	<1.0	904	73.7	7.02	9.71

Well I.D.	Ca	Mg	K	Na	Cl	SO4	NO3	NO2	Alk8.3	Alk4	Bicarb.	Carb.	Cond.	T	pH	DO
	mg/L										mg/L as CaCO3		uS/cm	F		mg/L
JS17-DW013BF	61.8	80.5	15.5	95.4	151	200	6.31	<0.5	<1.0	295	295	<1.0	1155	58.5	7.65	7.83
JS17-DW015	75.7	93.9	16.1	110	181	257	5.25	<0.5	<1.0	303	303	<1.0	1269	62.3	7.29	0.94
JS17-DW016	78.8	94.9	16.8	129	209	280	10.7	<0.5	<1.0	275	275	<1.0	1252	58.1	7.38	6.53
JS17-DW415	66.7	74.1	12.6	98.8	170	201	5.6	<0.5	<1.0	240	240	<1.0	962	67.1	7.66	5.54
JS17-DW423	55.1	63.8	13.7	92.2	121	141	2.13	<0.5	<1.0	235	235	<1.0	703	62	7.64	8.33
JS17-DW424	55.2	62.5	12.4	84.1	123	153	2.55	<0.5	<1.0	246	246	<1.0	784	64.5	7.77	5.41
JS17-DW425BF	51.1	58.7	11.8	86	122	148	2.31	<0.5	<1.0	241	241	<1.0	741	62.6	7.54	3.99
JS17-DW444	52.2	56.4	13.3	100	112	158	2.89	<0.5	<1.0	274	274	<1.0	889	62.8	7.43	8.28
JS17-DW474	83.7	103	15.2	98.8	203	251	6.23	<0.5	<1.0	279	279	<1.0	1259	62.9	7.43	6.31
JS17-DW837BF	71.5	84.8	13.9	103	190	230	4.37	<0.5	<1.0	226	226	<1.0	1014	66.7	7.7	6.35
JS17-DW848	76.5	93.6	17.1	140	216	269	7.85	<0.5	<1.0	285	285	<1.0	1418	65.2	7.29	6.49
JS17-DW851	60.4	66.8	13.6	98.9	162	181	3.72	<0.5	<1.0	239	239	<1.0	1035	66.8	7.44	6.67
JS17-DW860	58.4	67.1	14.8	93.8	169	179	4.17	<0.5	<1.0	234	234	<1.0	1064	66.7	7.5	6.8
JS18-DW001BF	62	70.2	15.2	129	174	220	4.66	<0.5	<1.0	282	282	<1.0	1101	62.5	7.68	5.95
JS18-DW004BF	56	68.7	13.8	109	144	153	3.1	<0.5	<1.0	272	272	<1.0	837	62.5	7.65	7.07
JS18-DW024	41.1	46.2	11.4	93.5	76	111	2.23	<0.5	<1.0	264	264	<1.0	757	63.1	7.81	5.62
JS18-DW331	52.5	57.1	12.9	83.1	98	142	3.82	<0.5	<1.0	259	259	<1.0	901	64.8	7.52	5.82
JS18-DW333	37.8	44.6	11.6	90.8	63	114	3.2	<0.5	<1.0	255	255	<1.0	699	62.3	7.57	7.01
JS18-DW392	34.5	41.7	11.4	85.8	54	108	3.78	<0.5	<1.0	252	252	<1.0	747	66.5	7.63	6.44
JS18-IR441	58.9	67.1	14.1	123	146	186	3.18	<0.5	<1.0	295	295	<1.0	808	74.9	7.07	8.33
JS18-DW442BF	64	72.1	14.9	128	151	175	3.84	<0.5	<1.0	310	310	<1.0	791	67.9	6.99	9.24
JS18-IR471	57.5	69.9	15	117	158	174	4.54	<0.5	<1.0	294	294	<1.0	1117	57.1	7.47	7.09
MW10-W10L	52.4	57.3	14.5	138	91	272	0.76	<0.5	<1.0	269	269	<1.0				
MW10-W10M	59.8	70.5	15.2	118	134	180	3.71	<0.5	<1.0	290	290	<1.0				
MW10-W10U	63.4	71.7	14.8	104	138	173	3.97	<0.5	<1.0	293	293	<1.0				
MW10-13L	63.2	78.7	15.6	102	146	211	4.27	<0.5	<1.0	289	289	<1.0				
MW10-13U	62.5	78.1	15.3	95.6	150	188	4.29	<0.5	<1.0	294	294	<1.0				
MW10-W14L	58.8	66.3	14.2	88.7	111	233	2.94	<0.5	<1.0	252	252	<1.0				
MW10-W14U	58.5	65.8	13.9	92.2	121	216	3.53	<0.5	<1.0	240	240	<1.0				
MW10-W15L	39.6	42.1	10.4	307	223	315	0.93	<0.5	<1.0	278	278	<1.0				

Well I.D.	Ca	Mg	K	Na	Cl	SO4	NO3	NO2	Alk8.3	Alk4	Bicarb.	Carb.	Cond.	T	pH	DO
	mg/L										mg/L as CaCO3		uS/cm	F		mg/L
MW10-W15M	58	65.1	13.6	95	153	165	2.78	<0.5	<1.0	235	235	<1.0				
MW10-W15U	63.5	72.3	13.9	92.2	170	191	3.47	<0.5	<1.0	234	234	<1.0				
MW10-W26L	65.3	73.2	15	102	153	189	4.43	<0.5	<1.0	238	238	<1.0				
MW10-W26U	71	78.6	15.1	104	189	195	5.51	<0.5	<1.0	219	219	<1.0				
MW10-W27U	61.2	64.7	12.9	81.1	103	137	4.45	<0.5	<1.0	255	255	<1.0				
MW10-W27L	53.9	56.5	12.3	88	93	132	3.02	<0.5	<1.0	260	260	<1.0				
MW10-W28L	50.1	58.7	13.8	95.7	98	142	3.7	<0.5	<1.0	267	267	<1.0				
MW10-W28U	48.4	56.4	13.3	87.4	99	139	3.74	<0.5	<1.0	268	268	<1.0				
MW10-W40	61.6	69.3	14.6	95.2	166	164	3.73	<0.5	<1.0	226	226	<1.0				
EW-P15U	55.9	63.3	13.8	135	121	175	3.02	<0.5	<1.0	299	299	<1.0				
EW-P15L	57	64.4	14.2	138	125	180	3.02	<0.5	<1.0	299	299	<1.0				

APPENDIX D – Concentration Contours for Fingerprinting Ions

Figure D.1: Calcium Contours Developed from Fingerprinting Analysis Data

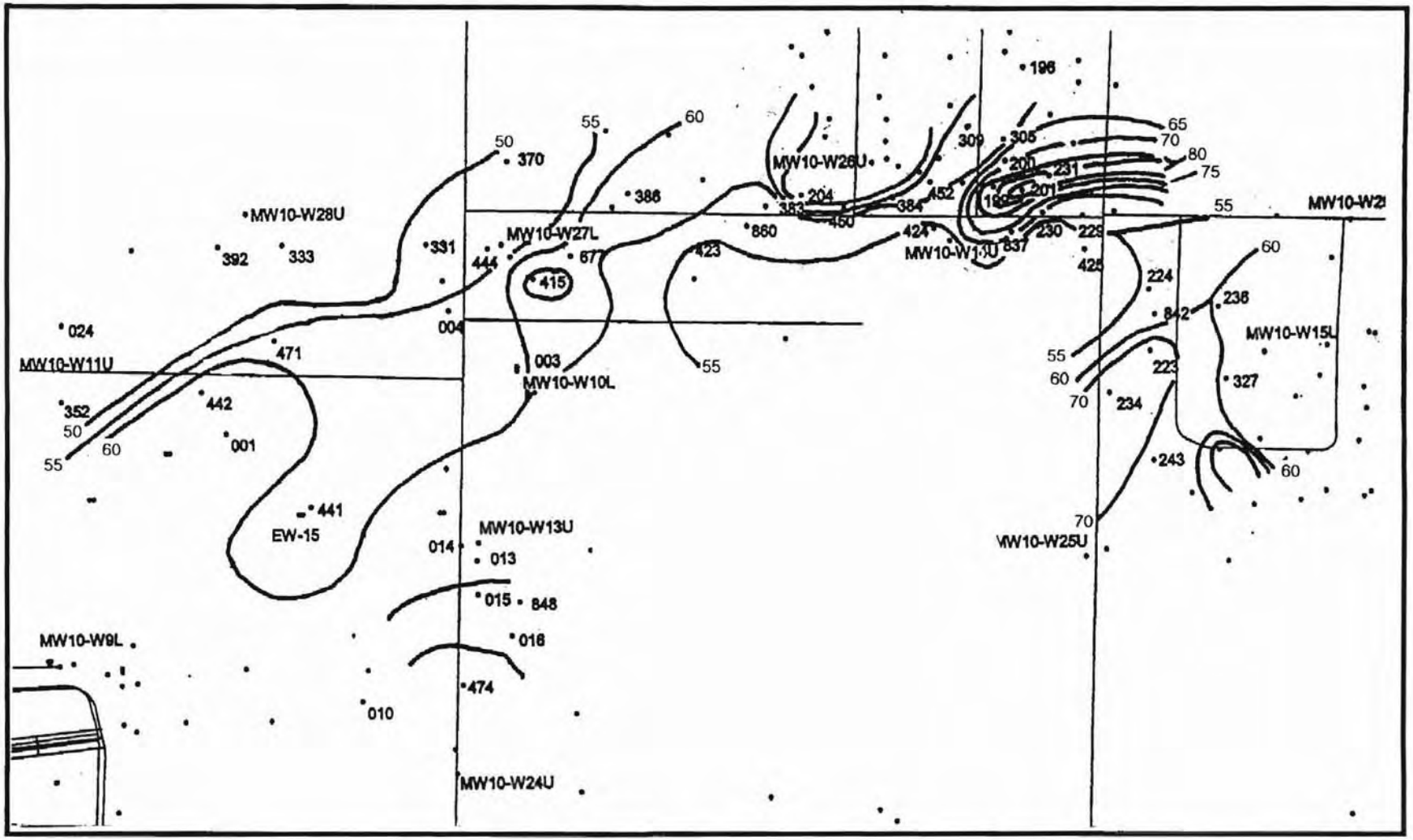


Figure D.2: Magnesium Contours Developed from Fingerprinting Analysis Data

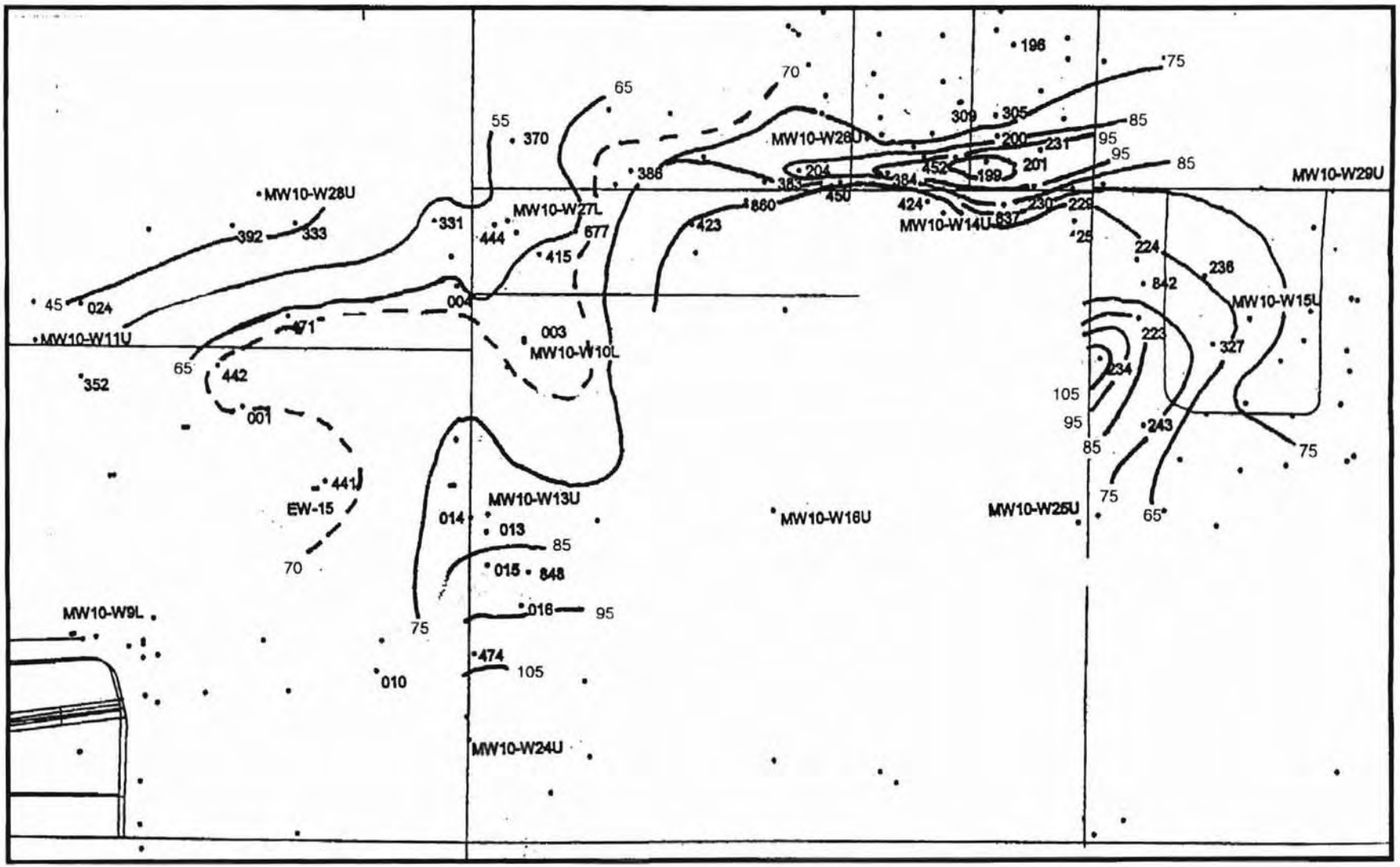


Figure D.3: Potassium Contours Developed from Fingerprinting Analysis Data

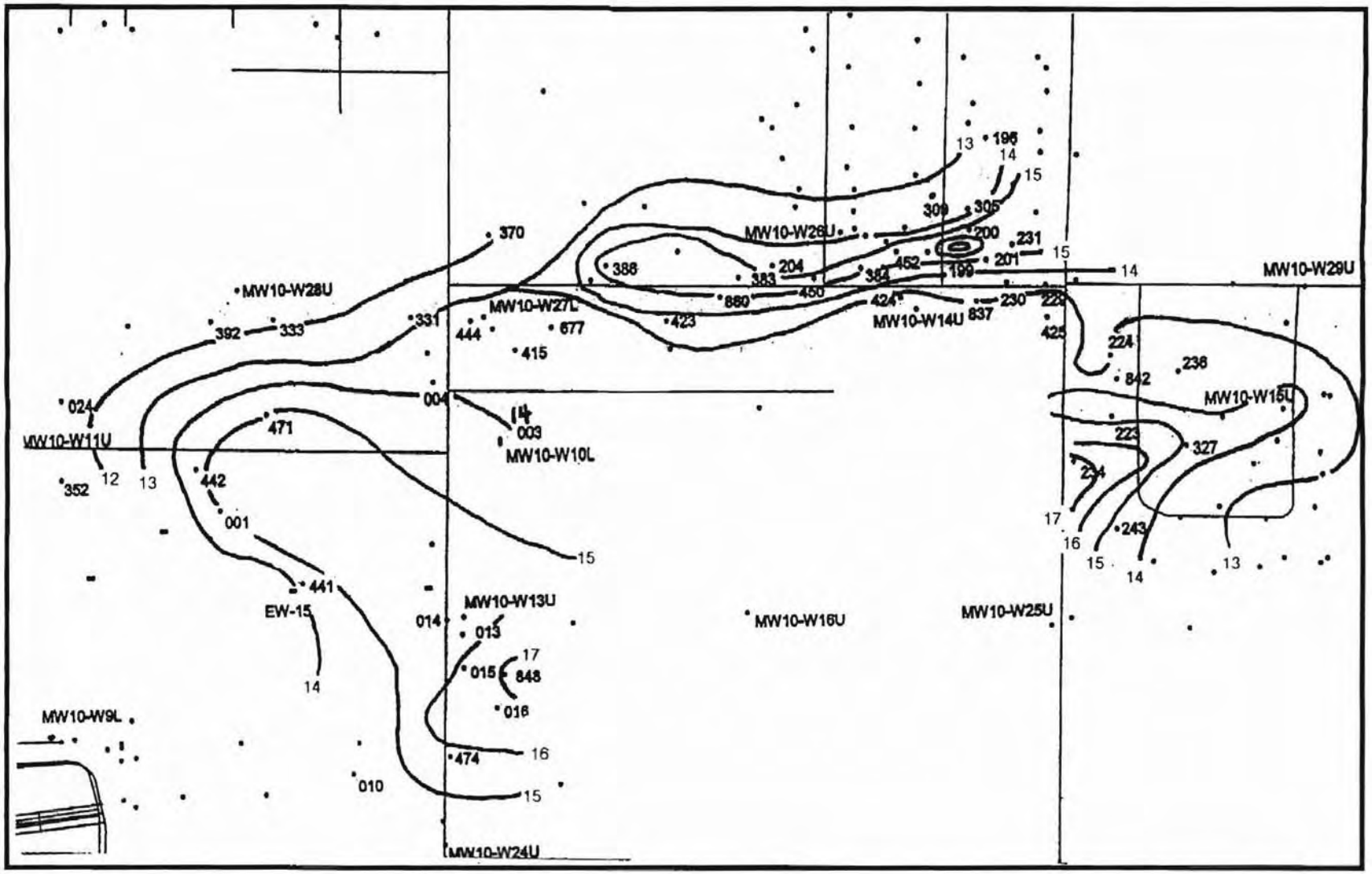


Figure D.4: Sodium Contours Developed from Fingerprinting Analysis Data

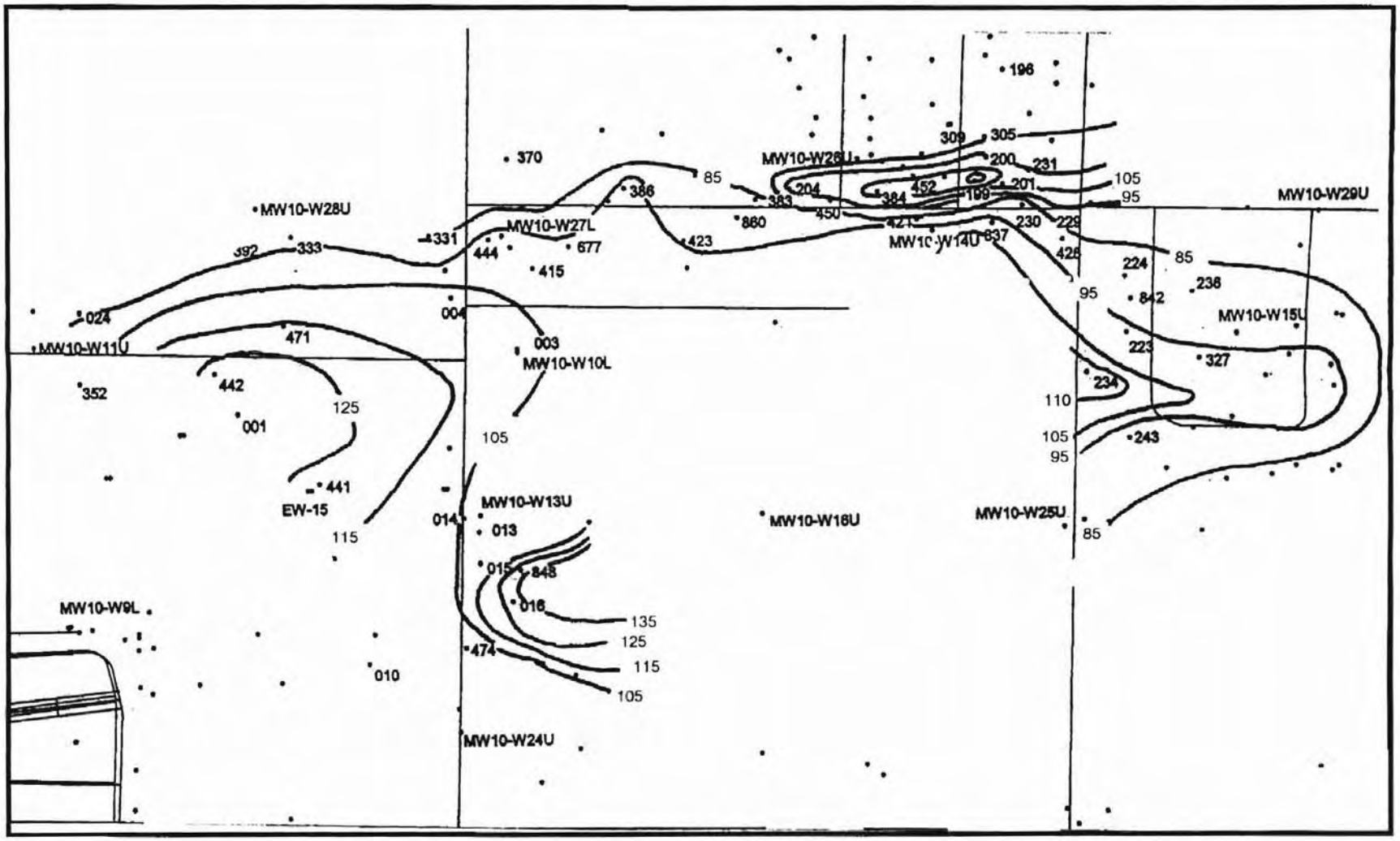


Figure D.5: Chloride Contours Developed from Fingerprinting Analysis Data

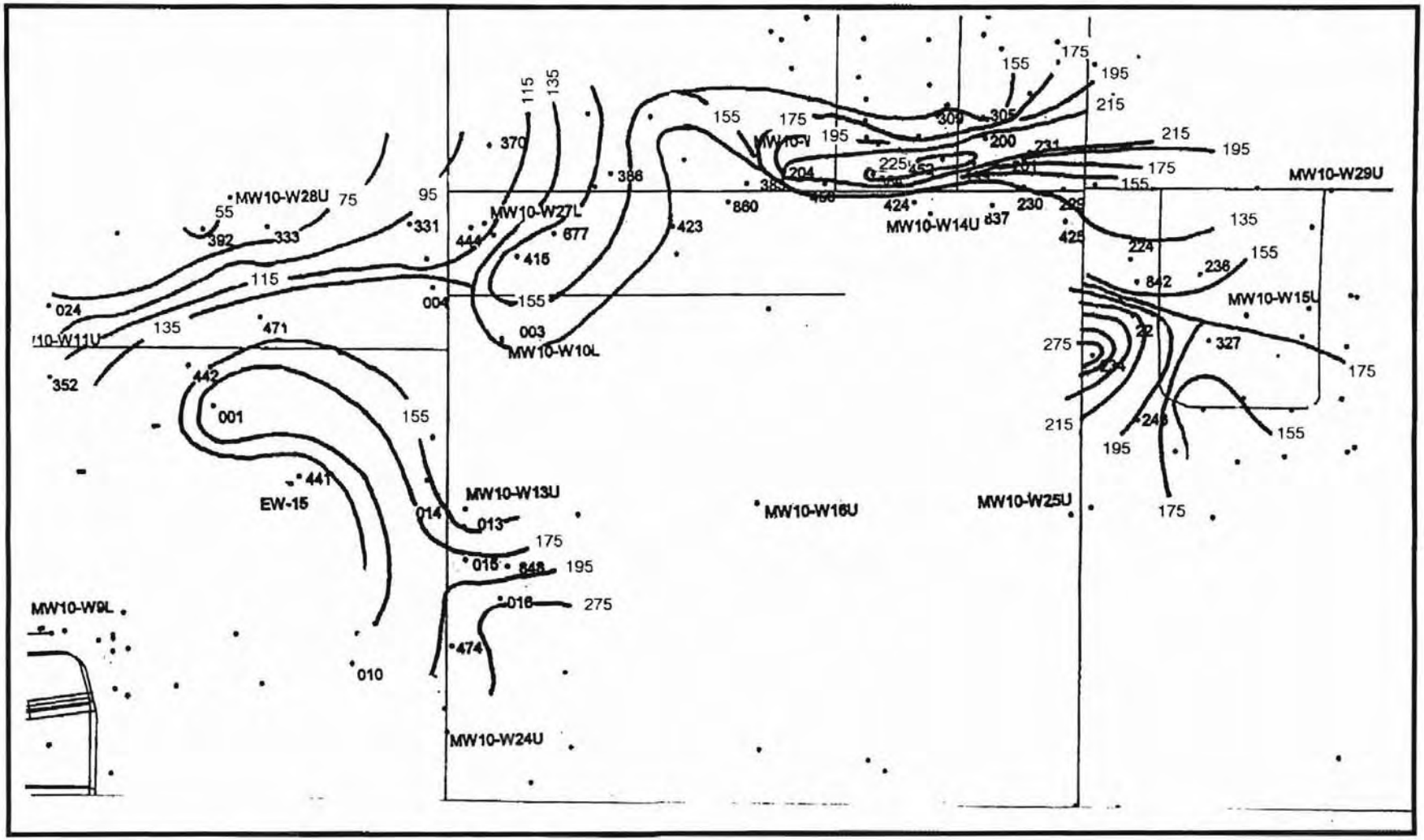


Figure D.6: Sulfate Contours Developed from Fingerprinting Analysis Data

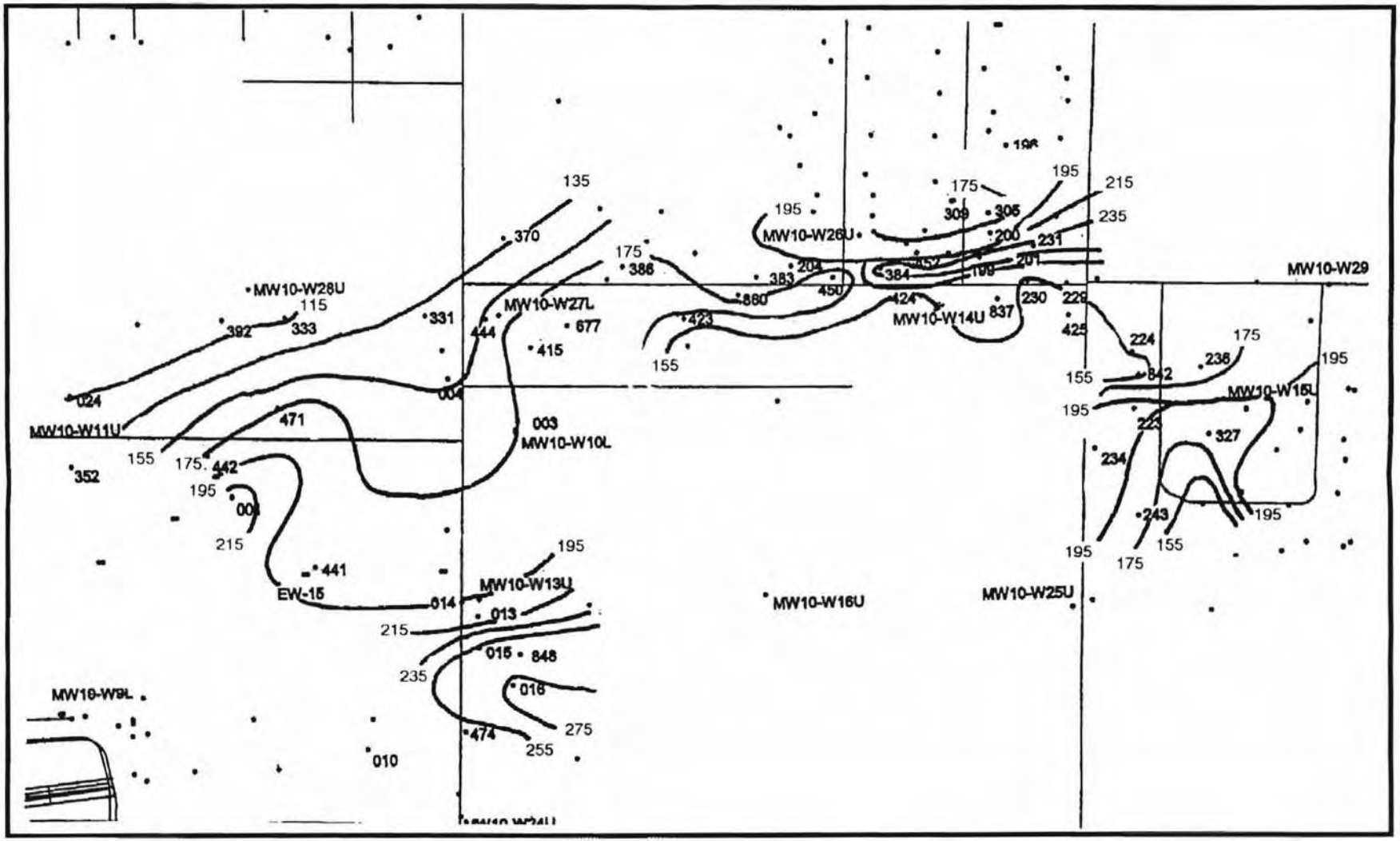


Figure D.7: Nitrate Contours Developed from Fingerprinting Analysis Data

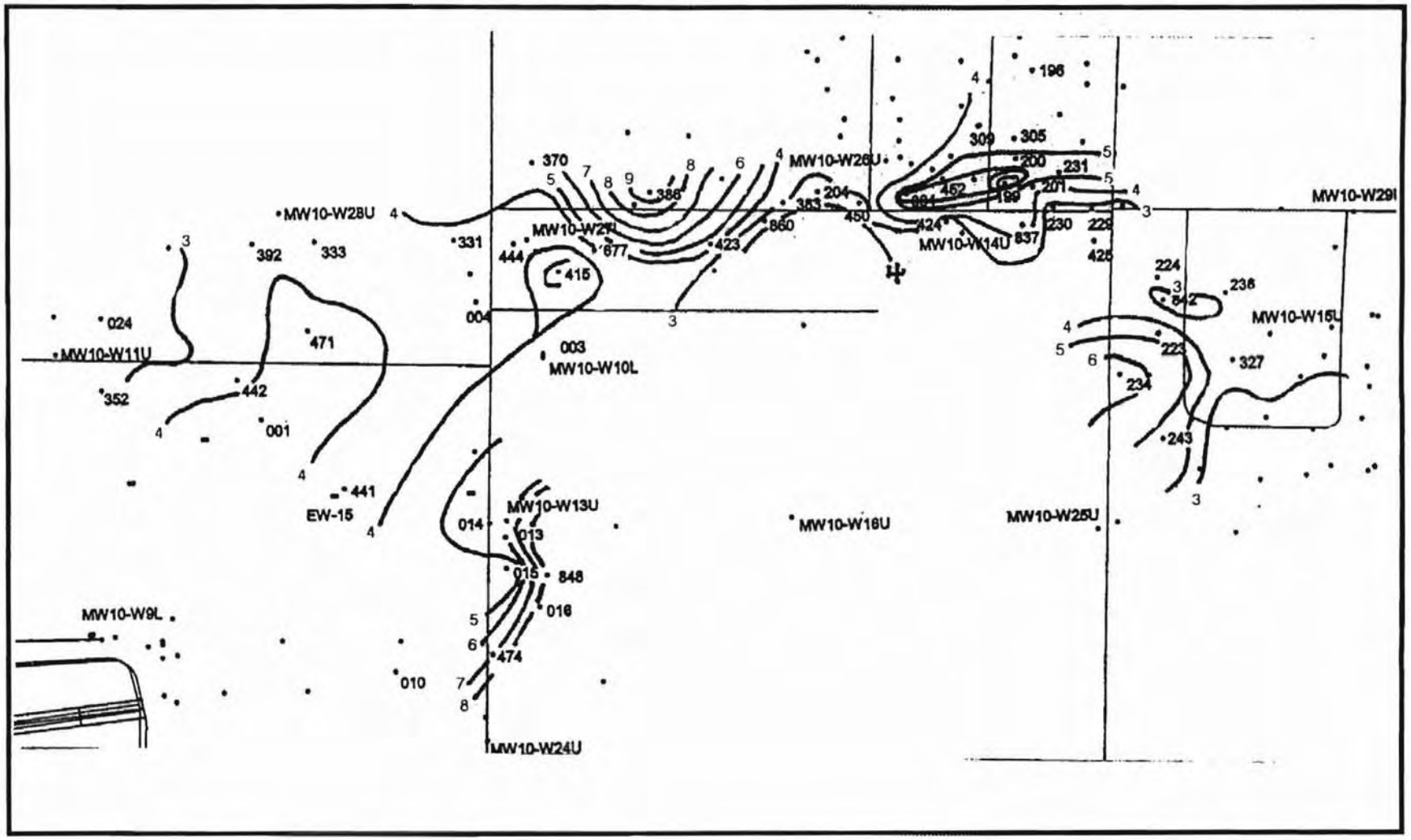
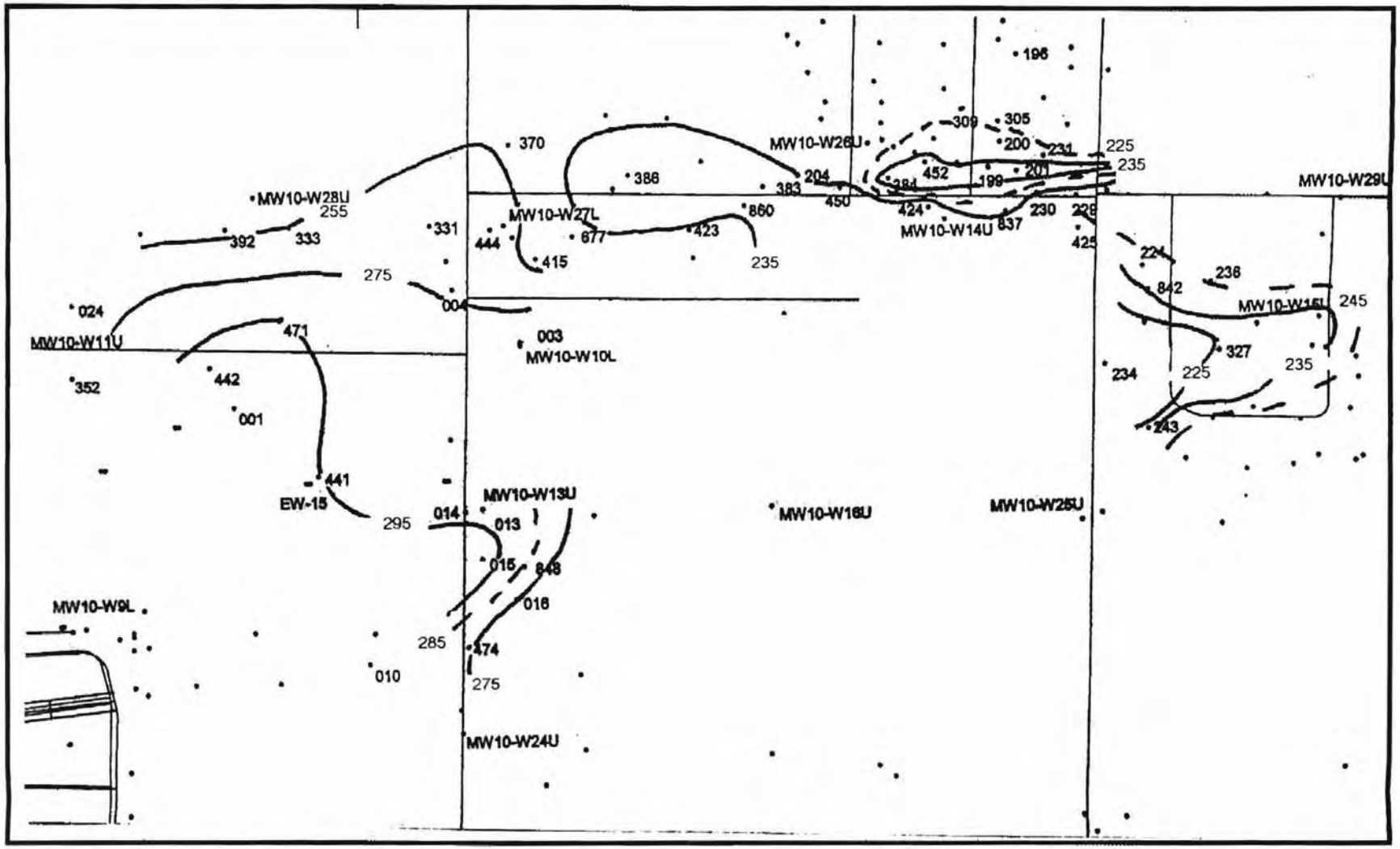


Figure D.8: Alkalinity/Bicarbonate Contours Developed from Fingerprinting



APPENDIX E – Closer View of Radiating Vectors

Figure E.1: Radiating Vectors Depicting Groundwater Ion Concentrations in meq/L (Closer view of

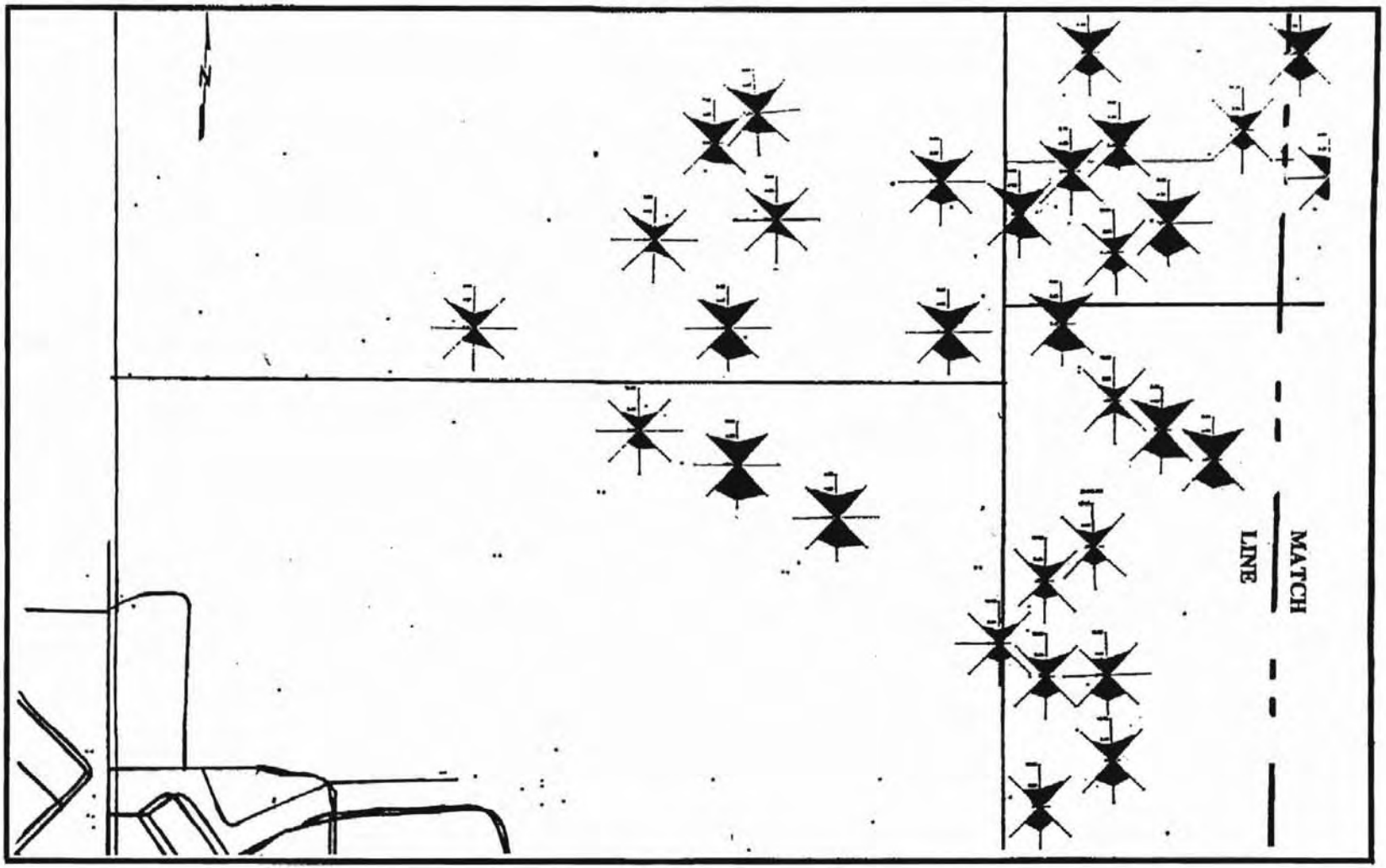
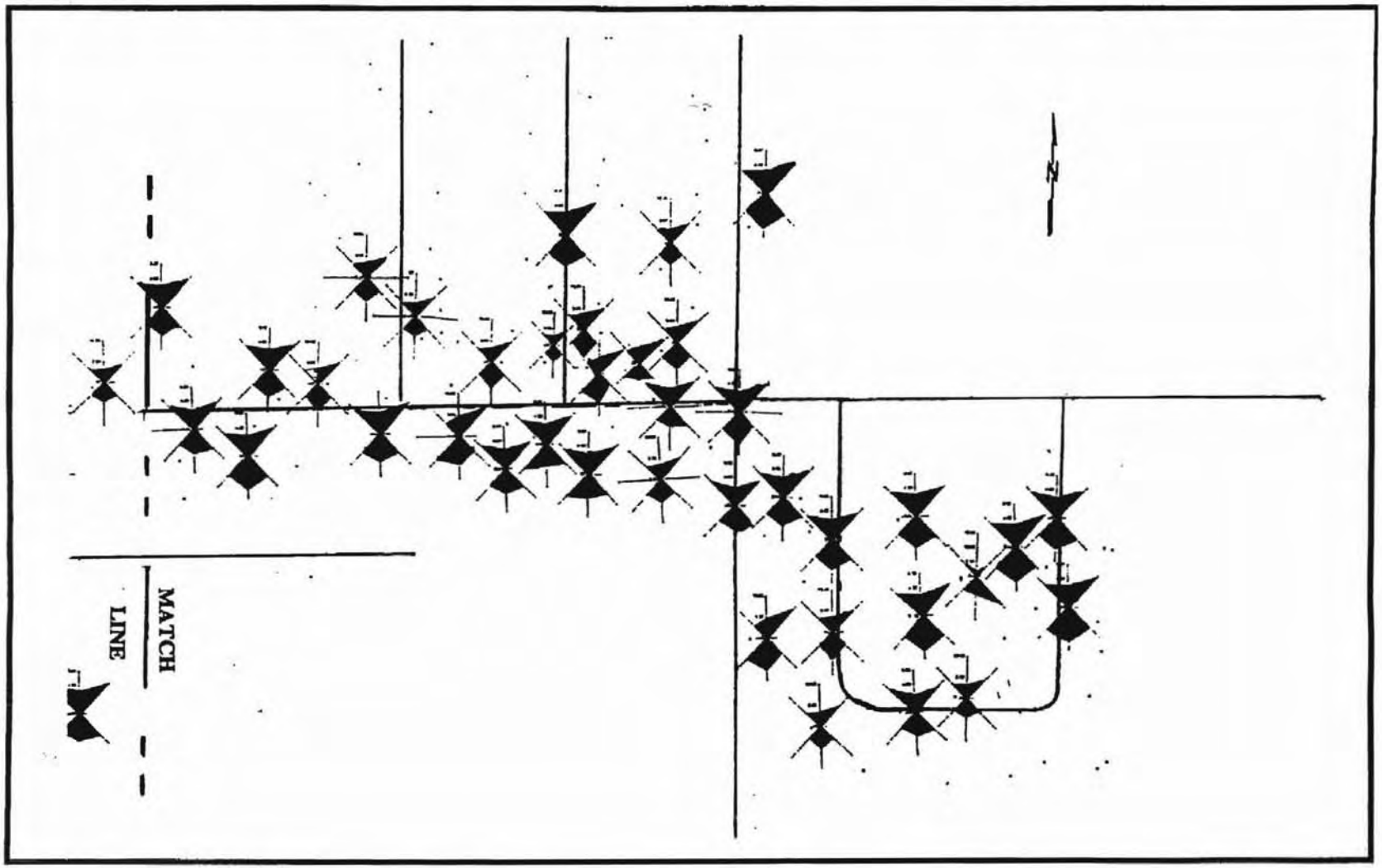


Figure E.2: Radiating Vectors Depicting Groundwater Ion Concentrations in meq/L (Closer view of



APPENDIX F – Concentration Contours for Trichloroethene

Figure F.1: TCE Contours for September 1992

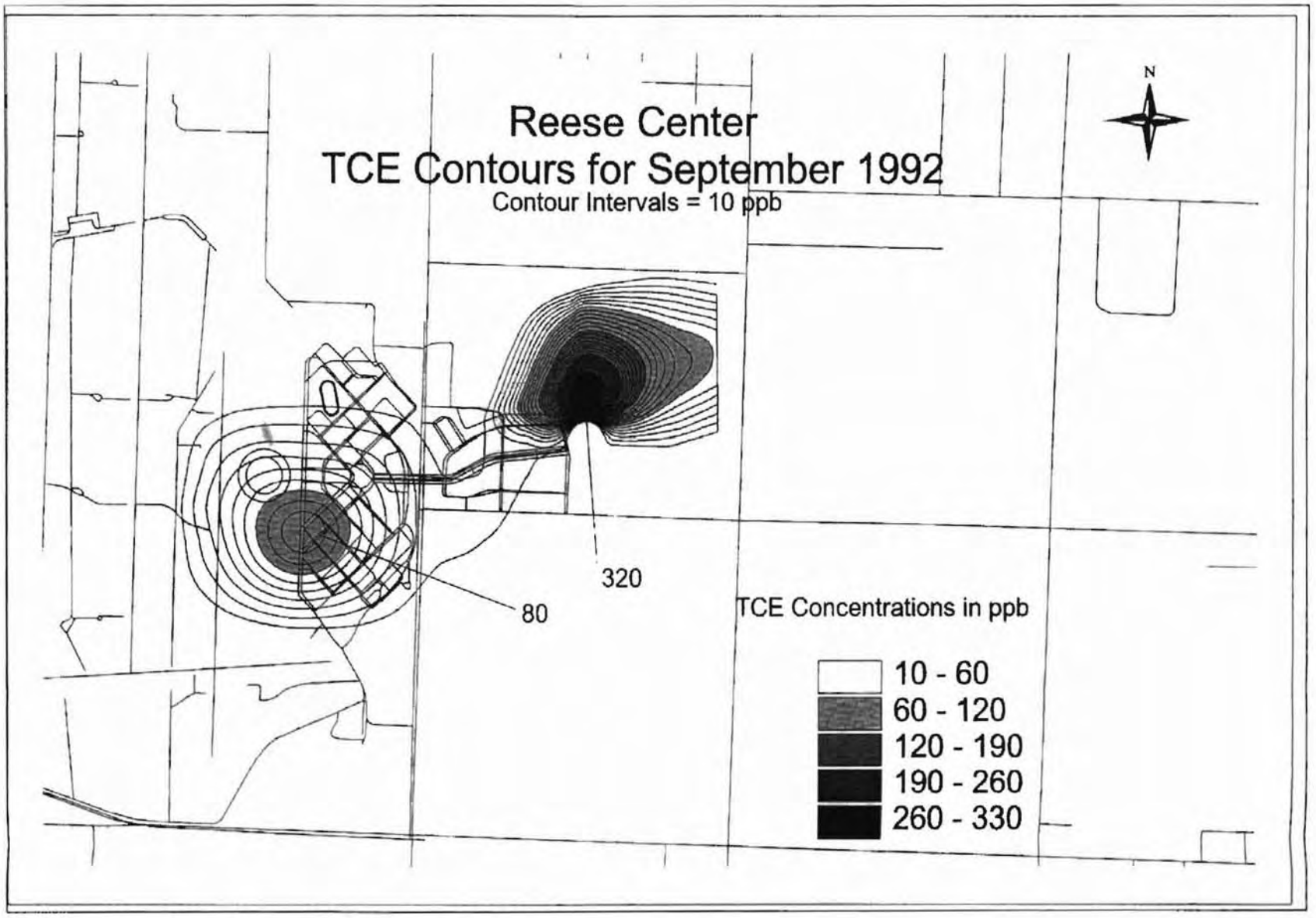


Figure F.2: TCE Contours for September 1993

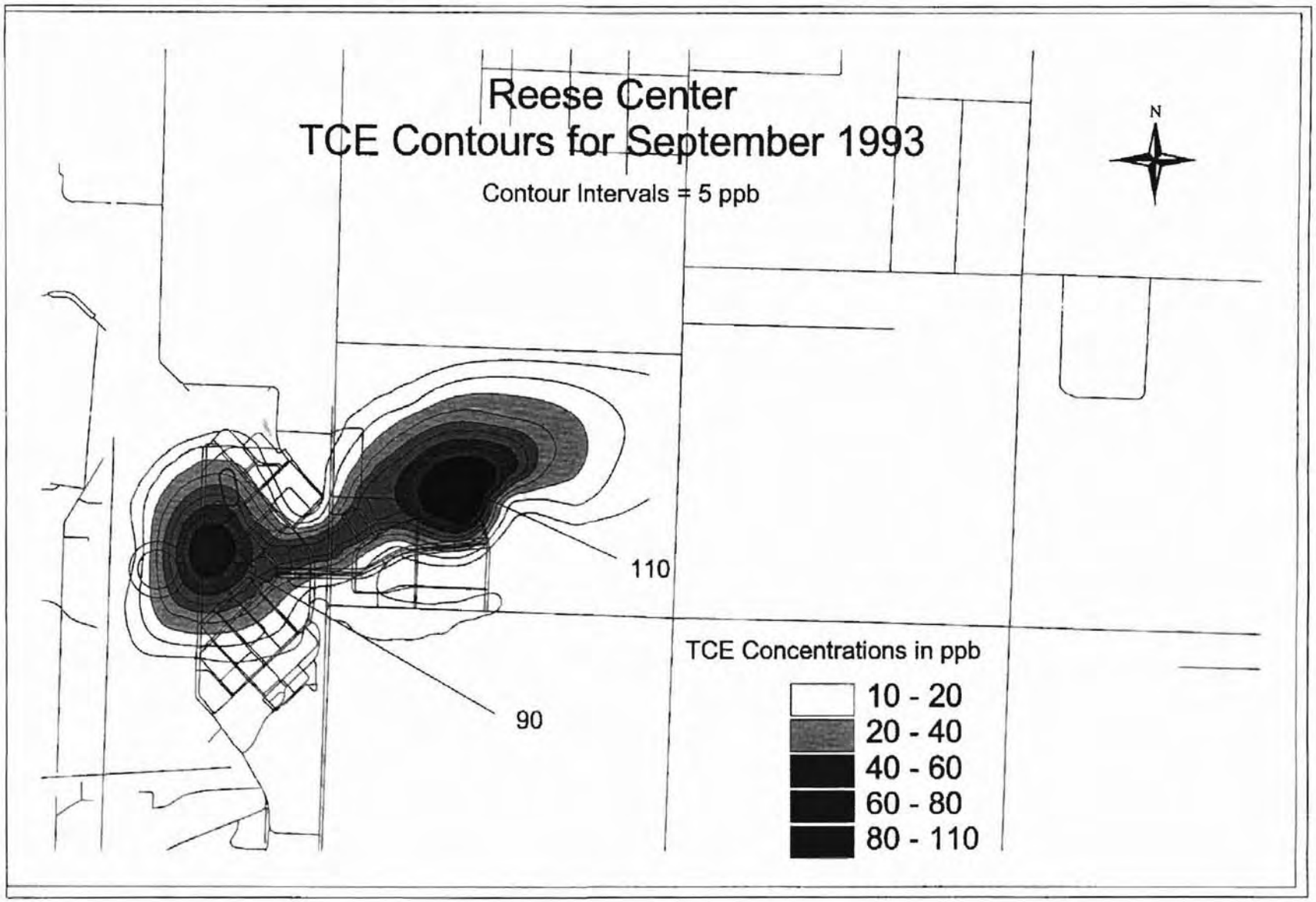


Figure F.3: TCE Contours for September 1994

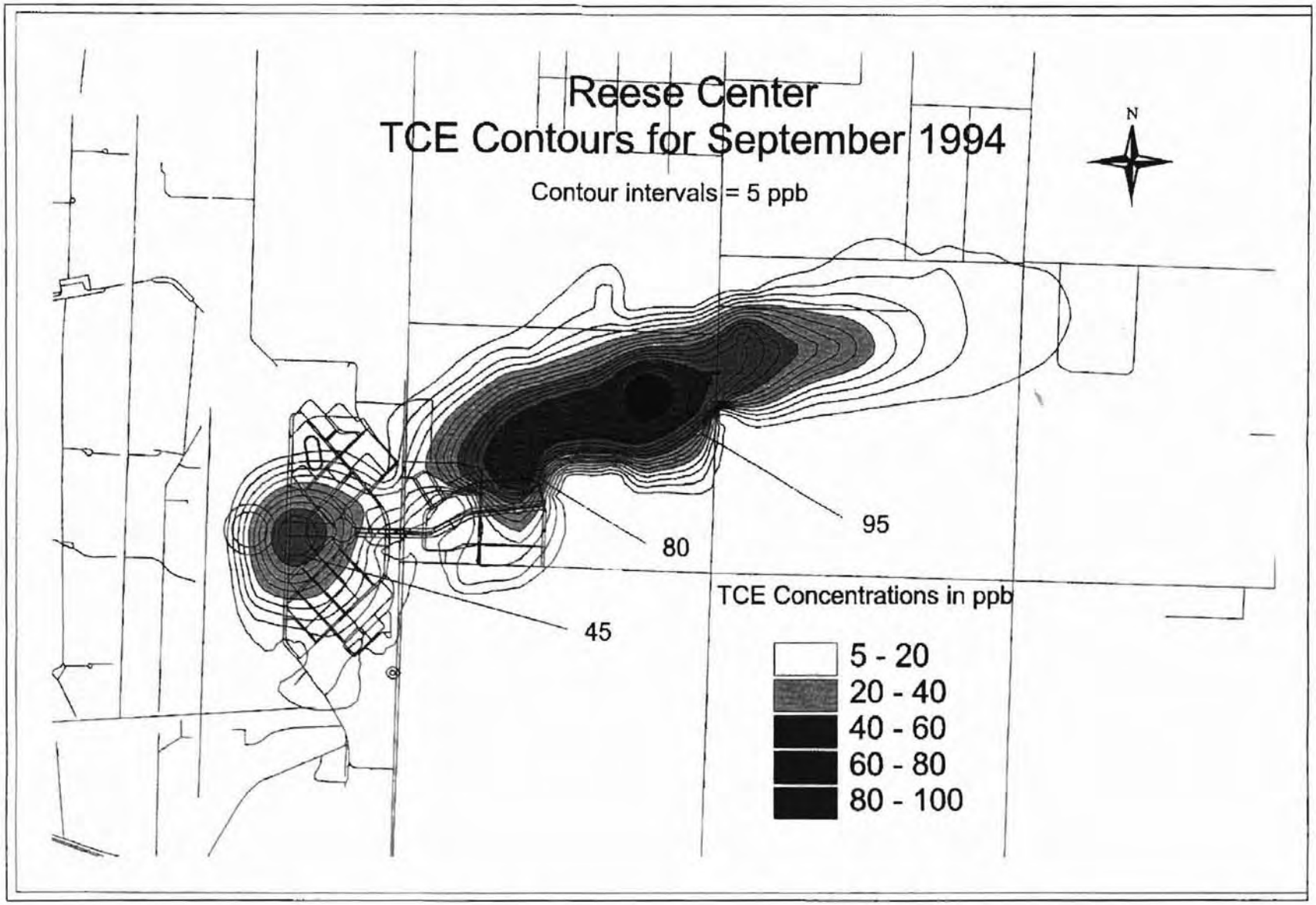


Figure F.4: TCE Contours for September 1995

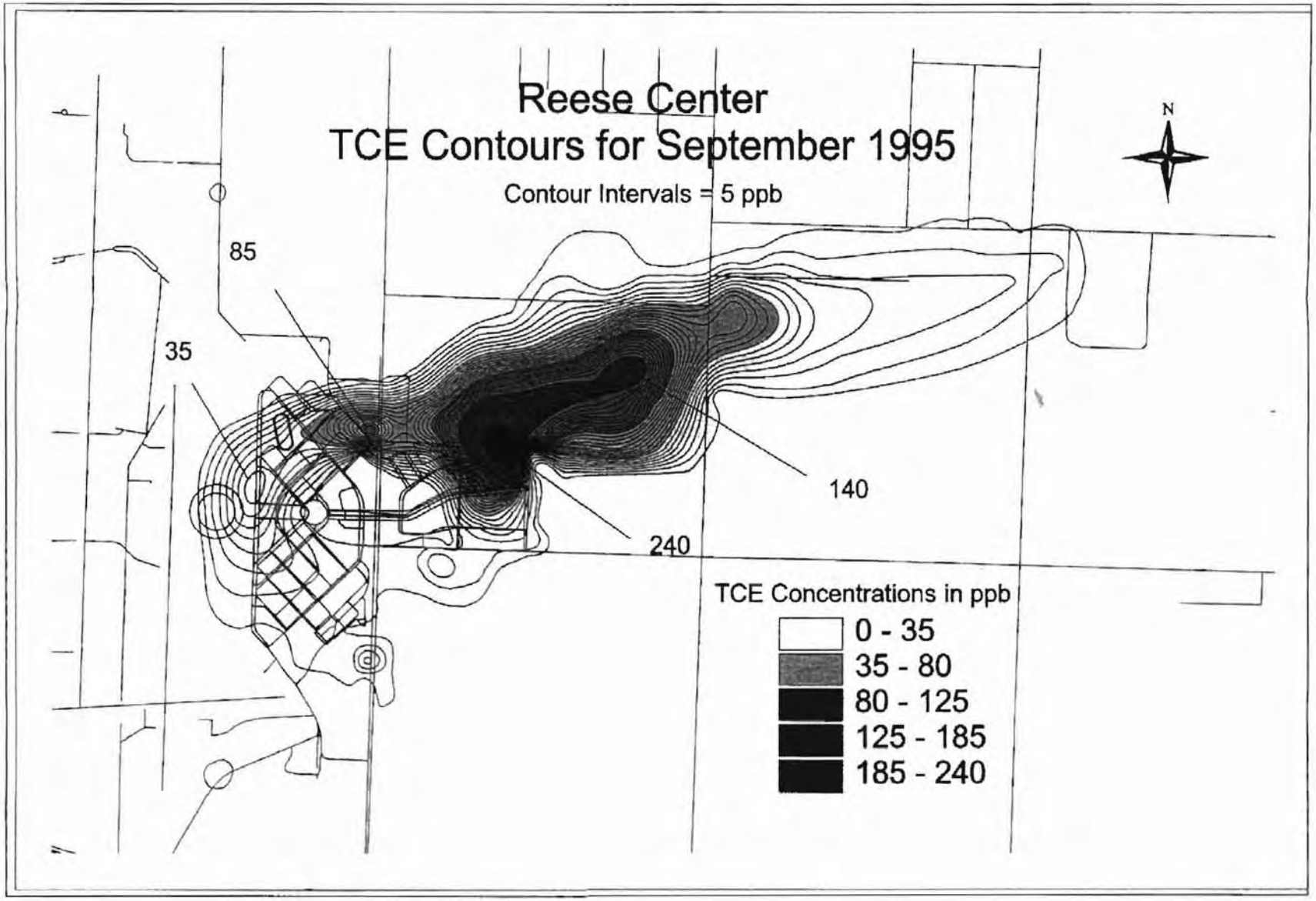


Figure F.5: TCE Contours for October 1996

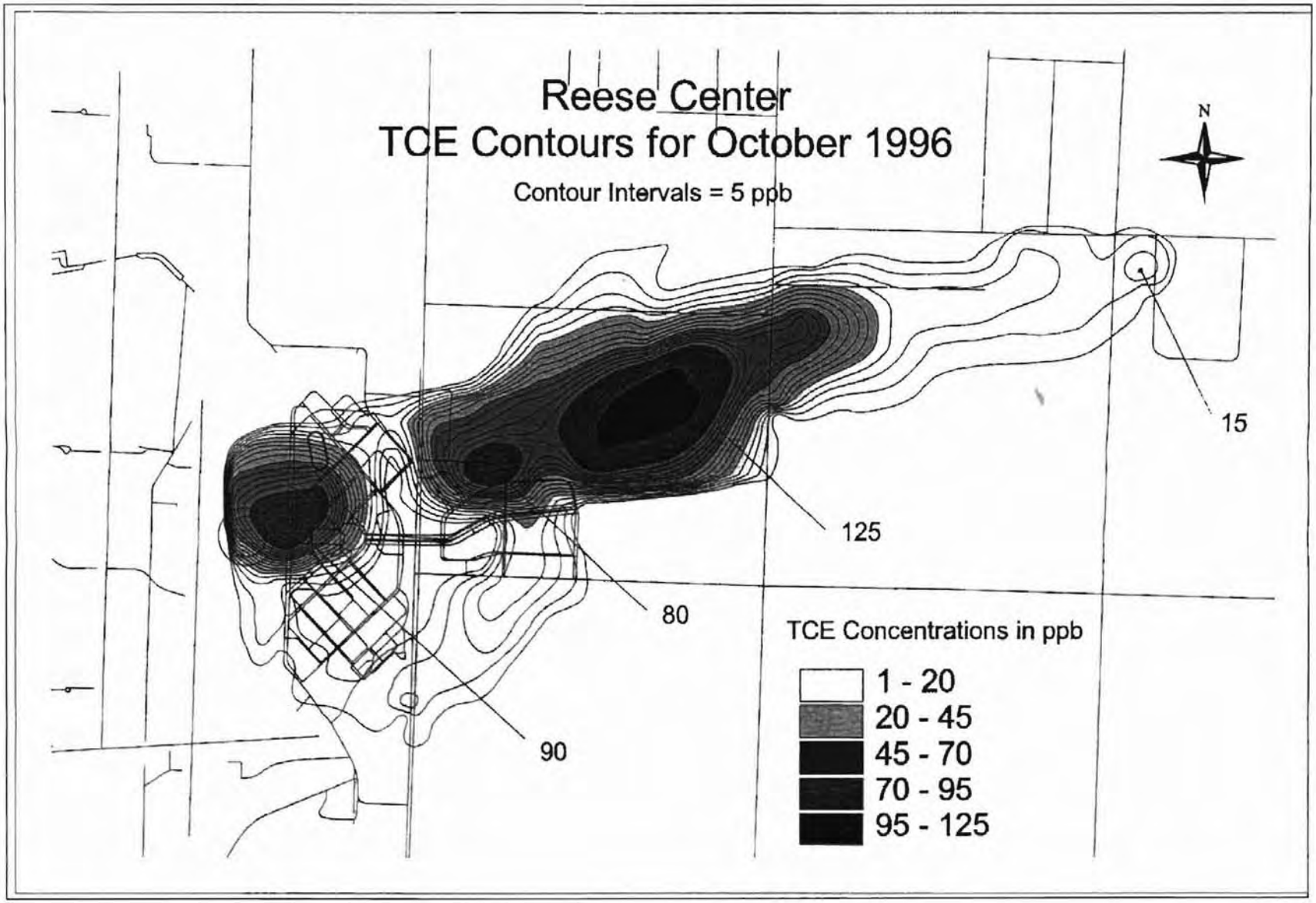


Figure F.6: TCE Contours for October 1997

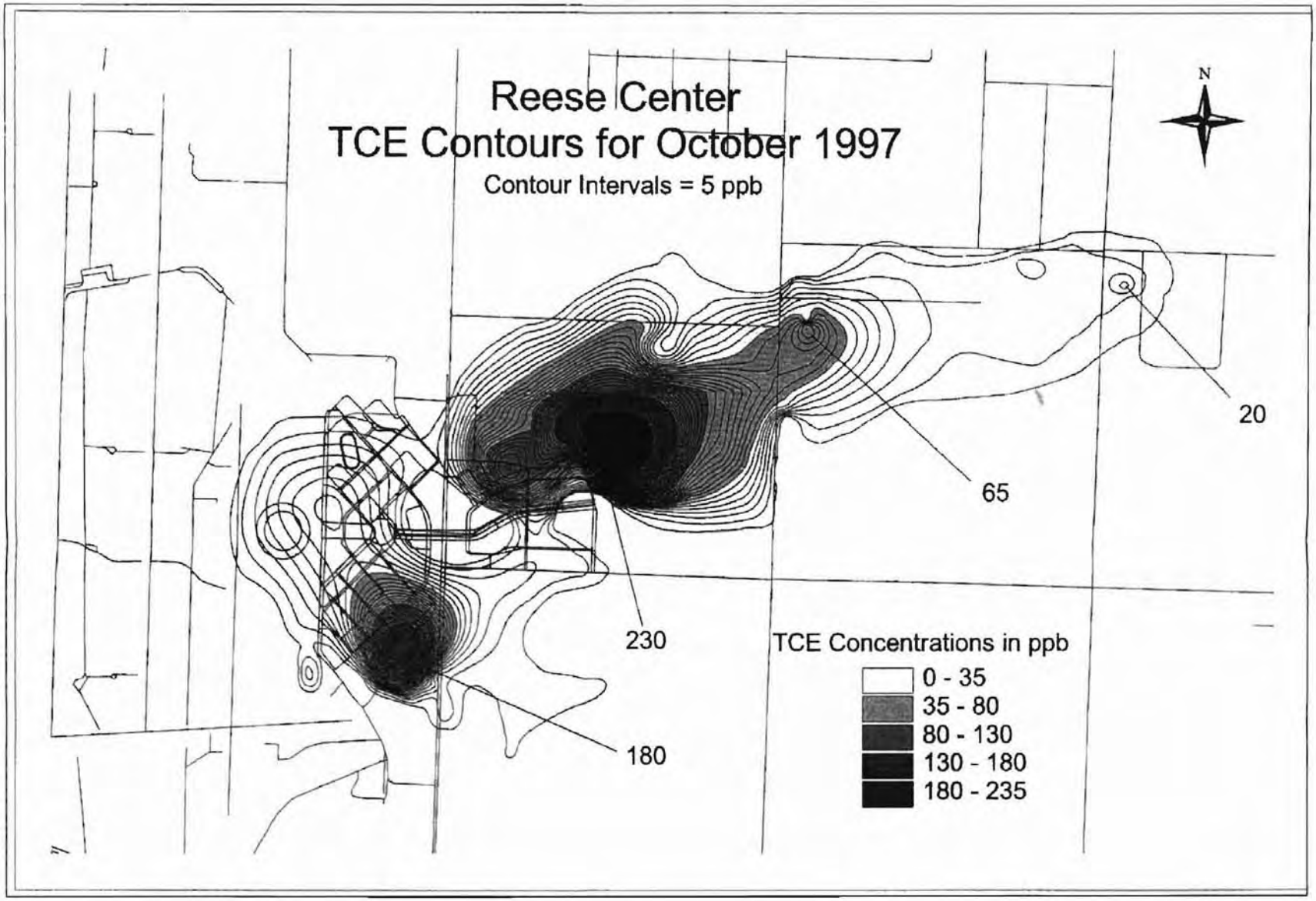


Figure F.7: TCE Contours for October 1998

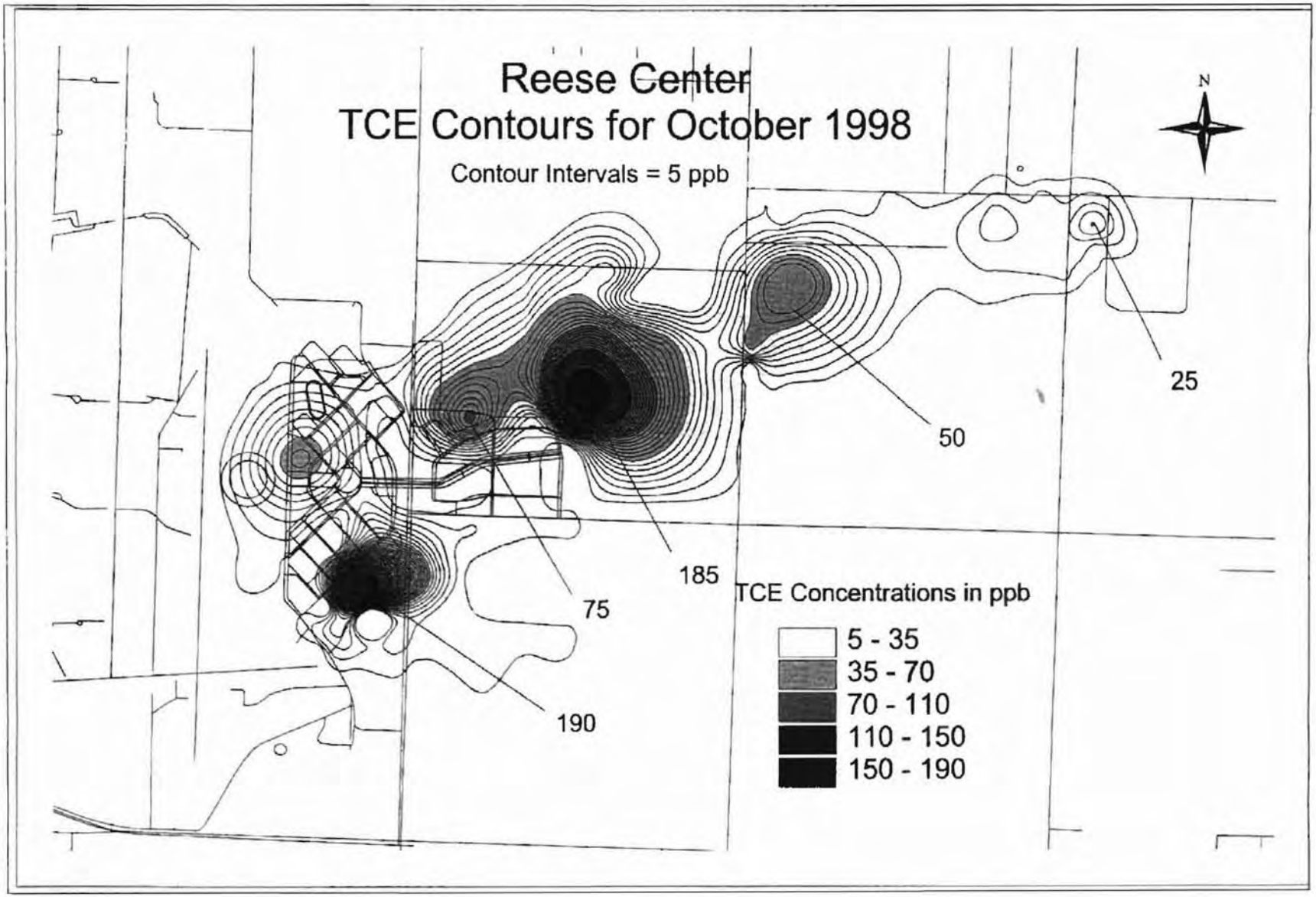
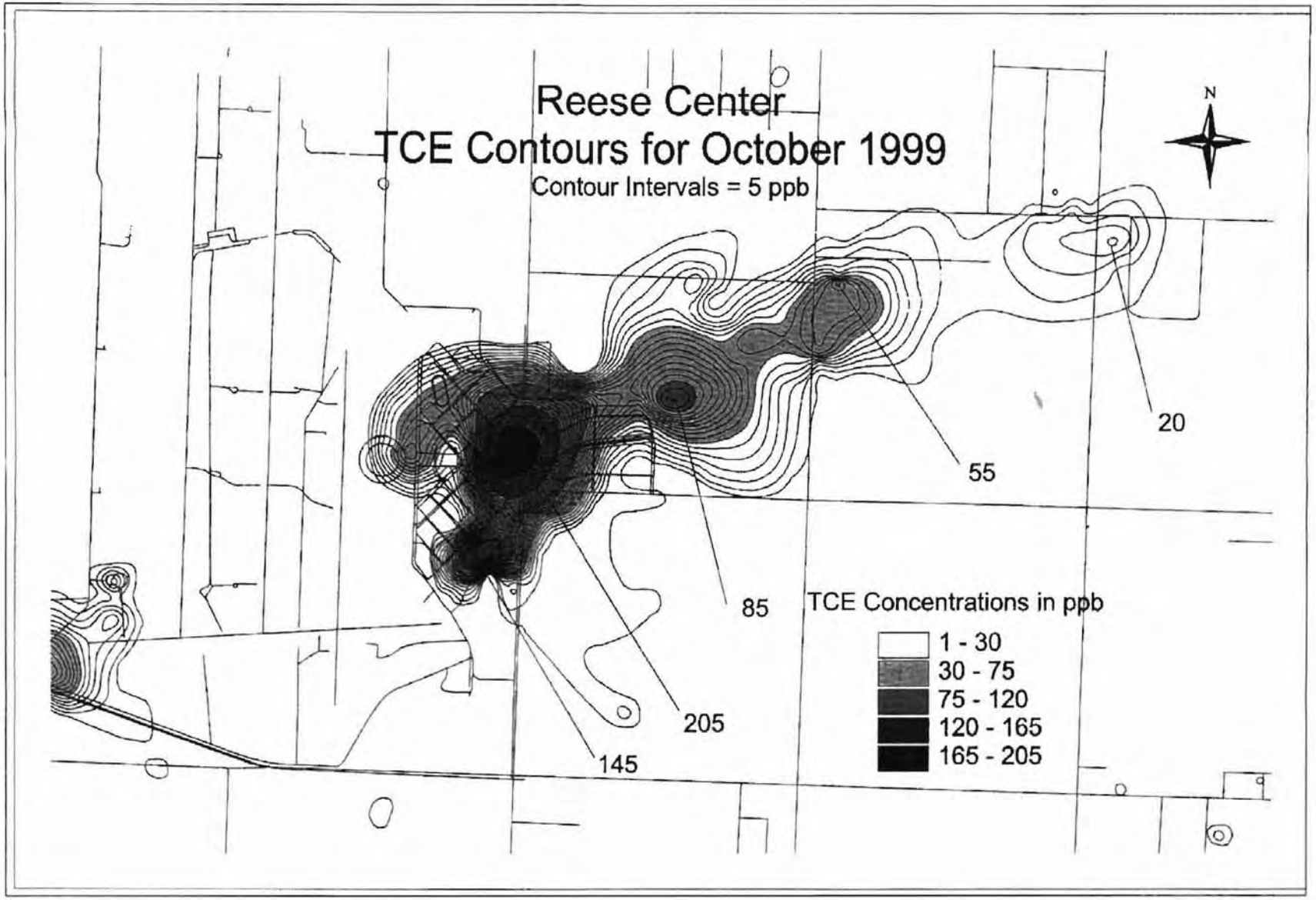


Figure F.8: TCE Contours for October 1999



VITA

Velma Knight

Candidate for the Degree of

Master of Science

Thesis: FINGERPRINTING OF AN AQUIFER AND COMPARISON OF MONITORING WELL DATA TO PRIVATE WELL DATA FOR TCE, pH AND SPECIFIC CONDUCTIVITY

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Biographical:

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Professional Memberships: Society of American Military Engineers, Oklahoma Professional Chapter of American Indian Science & Engineering Society.