FIRST AND SECOND QUARTERS 1999

TNX AREA GROUNDWATER AND EFFECTIVENESS MONITORING STRATEGY DATA ONLY REPORT (U)

FIRST AND SECOND QUARTERS 1999 REPORT

Publication Date: September 1999

Authorized Derivative Classifier

and Reviewing Official:

UNCLASSIFIED

Does Not Contain Unclassified
CONTROLLED NUCLEAR INFORMATION

Westinghouse Savannah River Company

Savannah River Site
Aiken, SC 29808

Prepared for the U.S. Department of Energy under Control Contract No. DE-AC09-96SR18500

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First and Second Quarters 1999 - TNX Area Groundwater and Effectiveness Monitoring Strategy Data Only Report

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DOE Contract No. **DE-AC09-89SR18035**

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Key Words

Interim Remedial Action
trichloroethylene
P26 wells
TBG wells
TCM wells
TIR wells
TNX wells
TRW wells
XSB wells
YSB wells

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Introduction

The TNX Area, located in the southwest part of Savannah River Site (SRS), is operated by the Savannah River Technology Center (SRTC), formerly known as the Savannah River Laboratory. The Environmental Restoration Division (ERD) manages the groundwater Interim Remedial Action in the area. Under the Federal Facility Agreement for SRS, the TNX Area Operable Unit includes the TNX Burying Ground, the Old TNX Seepage Basin, the New TNX Seepage Basin, and the groundwater beneath the area (WSRC 1996).

Groundwater beneath the TNX Area is contaminated with chlorinated volatile organic compounds such as trichloroethylene, carbon tetrachloride, and tetrachloroethylene (perchloroethylene). The Interim Remedial Action for the TNX Area is designed to capture or contain groundwater with contaminant concentrations in excess of 500 ug/L and reduce the mass of the contamination. The Interim Remedial Action consists of a recovery well network and an air stripper.

The Interim Remedial Action to contain the plume of trichloroethylene began operations September 16, 1996. The effectiveness of the Interim Remedial Action can be assessed by examination of the results of the monitoring program conducted since that time to measure identifiable changes in contaminant concentrations and hydraulic head in the monitoring and recovery wells throughout the area.

This report presents data of groundwater monitoring conducted during the first and second quarters of 1999 in support of the Interim Remedial Action. The data is from groundwater monitoring wells described in this report as the primary, secondary, and recovery wells of the initial operation of the Effectiveness Monitoring Strategy (EMS) as stipulated in Revision 1.3 (WSRC, 1996), the proposed wells for the full operation of the EMS as described in Revision 1.5 (WSRC, 1999), and general wells pertinent to the report (See Figure 1 and 2). Also included are data from SRTC projects in the TNX Area that are deemed useful for groundwater characterization.

The TNX Effectiveness Monitoring Strategy sets forth routine monitoring of groundwater wells at the TNX Area. During the 4Q98(CY) sampling event, compliance monitoring wells TNX-9D, -10D and -11D were not sampled. Sampling personnel stated transducers temporarily installed at those wells prevented access to the wells for sampling. Program Deficiency Report (PDR) 99-PDR-21-0005 was written for the missed sampling event. As part of the disposition of the PDR, wells TNX-9D, -10D and -11D were sampled on January 12, 1999; and the lab/field analyses results from this sampling event are given in Table B4 of this report.

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Figure 1. TNX Area Location of Interim Remedial Action/Effectiveness Monitoring Strategy Well System During Startup and Initial Operations

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Figure 2

TNX Area - Location of Interim Monitoring Strategy Wells

**Figure 2. TNX Area Location of Interim Remedial Action/Effectiveness
Monitoring Strategy Well System During Full Operation**

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Appendix A

Flagging Limits / Drinking Water Standards

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Table A. Flagging Limits / Drinking Water Standards**Bolding Decision Rule**

Sample results that exceed National Drinking Water Regulations (Primary Drinking Water Standards, PDWS) are **bolded** in Appendix B. Secondary Drinking Water Standards are not considered. For a constituent that does not have a National Primary Drinking Water Standard, bolding was based on exceeding the SRS Environmental Protection Division / Environmental Monitoring Section Flag 2 criterion of 10 times a recently published 90th percentile detection limit obtained recently by one of the primary analytical laboratories. Environmental Protection Division / Environmental Monitoring Section did not designate flags for major cations, indicator parameters, and common laboratory contaminants and cleaners (see table below).

<u>Analyte</u>	<u>Unit</u>	<u>Regulatory Limit</u>	<u>Source</u>
1,1,1-Trichloroethane	µg/L	200	Final PDWS (EPA, 1993a)
1,1,2,2-Tetrachloroethane	µg/L	10	EPA Method 8240
1,1,2-Trichloroethane	µg/L	5	Final PDWS (EPA, 1993a)
1,2-Dichloroethylene	µg/L	50	Final PDWS (EPA, 1993a)
1,2-Dichloropropane	µg/L	5	Final PDWS (EPA, 1993a)
1,2,4-Trichlorobenzene	µg/L	70	Final PDWS (EPA, 1993a)
1,3,5-Trinitrobenzene	µg/L	100	EPA Method 8270
1,3-Dichlorobenzene	µg/L	100	EPA Method 8270
1,3-Dinitrobenzene	µg/L	100	EPA Method 8270
1,4-Dichlorobenzene	µg/L	75	Final PDWS (EPA, 1993a)
1,4-Naphthoquinone	µg/L	100	EPA Method 8270
1-Naphthylamine	µg/L	100	EPA Method 8270
2,3,4,6-Tetrachlorophenol	µg/L	100	EPA Method 8270
2,4,5-Trichlorophenol	µg/L	100	EPA Method 8270
2,4,6-Trichlorophenol	µg/L	100	EPA Method 8270
2,4-Dichlorophenol	µg/L	100	EPA Method 8270
2,4-Dimethyl phenol	µg/L	100	EPA Method 8270
2,4-Dinitrophenol	µg/L	500	EPA Method 8270
2,6-Dichlorophenol	µg/L	100	EPA Method 8270
2,6-Dinitrotoluene	µg/L	100	EPA Method 8270
2-Acetylaminofluorene	µg/L	100	EPA Method 8270
2-Chloronaphthalene	µg/L	100	EPA Method 8240
2-Chlorophenol	µg/L	100	EPA Method 8270
2-Hexanone	µg/L	100	EPA Method 8240
2-Methyl-4,6-dinitrophenol	µg/L	500	EPA Method 8270
2-Methylnaphthalene	µg/L	100	EPA Method 8270
2-Naphthylamine	µg/L	100	EPA Method 8270
2-Nitrophenol	µg/L	100	EPA Method 8270
2-Picoline	µg/L	100	EPA Method 8270
2-sec-Butyl-4,6-dinitrophenol	µg/L	7	Final PDWS (EPA, 1993a)
3,3'-Dichlorobenzidine	µg/L	100	EPA Method 8270
3,3'-Dimethylbenzidine	µg/L	100	EPA Method 8270
3-Methylcholanthrene	µg/L	100	EPA Method 8270
4-Aminobiphenyl	µg/L	100	EPA Method 8270
4-Bromophenyl phenyl ether	µg/L	100	EPA Method 8270
4-Chloroaniline	µg/L	100	EPA Method 8270
4-Chloro-m-cresol	µg/L	100	EPA Method 8270
4-Chlorophenyl phenyl ether	µg/L	100	EPA Method 8270

<u>Analyte</u>	<u>Unit</u>	<u>Regulatory Limit</u>	<u>Source</u>
4-Nitrophenol	µg/L	100	EPA Method 8270
4-Nitroquinoline-1-oxide	µg/L	100	EPA Method 8270
5-Nitro-o-toluidine	µg/L	100	EPA Method 8270
7,12-Dimethylbenz[a]anthracene	µg/L	100	EPA Method 8270
a,a-Dimethylphenethylamine	µg/L	100	EPA Method 8270
Acenaphthene	µg/L	100	EPA Method 8270
Acenaphthylene	µg/L	100	EPA Method 8270
Acetone	µg/L	1,000	EPA Method 8240
Acetophenone	µg/L	100	EPA Method 8270
Aluminum, total recoverable	µg/L	50	SDWS (EPA, 1993b)
Aniline	µg/L	100	EPA Method 8270
Anthracene	µg/L	100	EPA Method 8270
Aramite	µg/L	100	EPA Method 8270
Arsenic, total recoverable	µg/L	50	Final PDWS (EPA, 1993a)
Barium, total recoverable	µg/L	2,000	Final PDWS (EPA, 1993a)
Benzene	µg/L	5	Final PDWS (EPA, 1993a)
Benzo[a]anthracene	µg/L	0.1	Proposed PDWS (EPA, 1990)
Benzo[a]pyrene	µg/L	0.2	Final PDWS (EPA, 1993a)
Benzo[b]fluoranthene	µg/L	0.2	Proposed PDWS (EPA, 1990)
Benzo[g,h,i]perylene	µg/L	100	EPA Method 8270
Benzo[k]fluoranthene	µg/L	0.2	Proposed PDWS (EPA, 1990)
Benzyl alcohol	µg/L	100	EPA Method 8270
Bis(2-chloroethoxy) methane	µg/L	100	EPA Method 8270
Bis(2-chloroethyl) ether	µg/L	100	EPA Method 8270
Bis(2-chloroisopropyl) ether	µg/L	100	EPA Method 8270
Bis(2-ethylhexyl) phthalate	µg/L	6	Final PDWS (EPA, 1993a)
Bis(chloromethyl) ether	µg/L	100	EPA Method 8270
Boron, total recoverable	µg/L	300	EPA Method 6010
Bromodichloromethane	µg/L	100	Final PDWS (EPA, 1993a)
Bromoform	µg/L	100	Final PDWS (EPA, 1993a)
Bromomethane (Methyl bromide)	µg/L	10	EPA Method 8240
Butylbenzyl phthalate		No flag	Set by EPD/EMS
Cadmium, total recoverable	µg/L	5	Final PDWS (EPA, 1993a)
Calcium, dissolved		No flag	Set by EPD/EMS
Calcium, total recoverable		No flag	Set by EPD/EMS
Carbon disulfide	µg/L	10	EPA Method 8240
Carbon tetrachloride	µg/L	5	Final PDWS (EPA, 1993a)
Chloride	µg/L	250,000	SDWS (EPA, 1993b)
Chlorobenzene	µg/L	100	Final PDWS (EPA, 1993a)
Chlorobenzilate	µg/L	100	EPA Method 8270
Chloroethane	µg/L	10	EPA Method 8240
Chloroethene (Vinyl chloride)	µg/L	2	Final PDWS (EPA, 1993a)
Chloromethane (Methyl chloride)	µg/L	10	EPA Method 8240
Chloroform	µg/L	100	Final PDWS (EPA, 1993a)
Chromium, total recoverable	µg/L	100	Final PDWS (EPA, 1993a)
Chrysene	µg/L	0.2	Proposed PDWS (EPA, 1990)
cis-1,2-Dichloroethylene	µg/L	70	Final PDWS (EPA, 1993a)
cis-1,3-Dichloropropene	µg/L	10	EPA Method 8240
Diallate	µg/L	100	EPA Method 8270
Dibenz[a,h]anthracene	µg/L	0.3	Proposed PDWS (EPA, 1990)
Dibenzofuran	µg/L	100	EPA Method 8270
Dibromochloromethane	µg/L	100	Final PDWS (EPA, 1993a)
Dichloromethane (Methylene chloride)	µg/L	5	Final PDWS (EPA, 1993a)

<u>Analyte</u>	<u>Unit</u>	<u>Regulatory Limit</u>	<u>Source</u>
Diethyl phthalate		No flag	Set by EPD/EMS
Dimethoate	µg/L	100	EPA Method 8270
Dimethyl phthalate		No flag	Set by EPD/EMS
Di-n-butyl phthalate		No flag	Set by EPD/EMS
Di-n-octyl phthalate		No flag	Set by EPD/EMS
Diphenylamine	µg/L	100	EPA Method 8270
Disulfoton	µg/L	100	EPA Method 8270
Ethylbenzene	µg/L	700	Final PDWS (EPA, 1993a)
Ethyl methanesulfonate	µg/L	100	EPA Method 8270
Fluoranthene	µg/L	100	EPA Method 8270
Fluorene	µg/L	100	EPA Method 8270
Fluoride	µg/L	4,000	Final PDWS (EPA, 1993a)
Gross alpha	pCi/L	15	Final PDWS (EPA, 1993a)
Hexachlorobenzene	µg/L	1	Final PDWS (EPA, 1993a)
Hexachlorobutadiene	µg/L	100	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	50	Final PDWS (EPA, 1993a)
Hexachloroethane	µg/L	100	EPA Method 8270
Indeno[1,2,3-c,d]pyrene	µg/L	100	EPA Method 8270
Iron, total recoverable	µg/L	300	SDWS (EPA, 1993b)
Isodrin	µg/L	100	EPA Method 8270
Isophorone	µg/L	100	EPA Method 8270
Isosafrole	µg/L	100	EPA Method 8270
Kepone	µg/L	100	EPA Method 8270
Lead, total recoverable	µg/L	15	EPA 1996, NPDWR
Lithium, total recoverable	µg/L	50	EPA Method 6010
Magnesium, total recoverable		No flag	Set by EPD/EMS
Manganese, total recoverable	µg/L	50	SDWS (EPA, 1993b)
m-Cresol (3-Methylphenol)	µg/L	100	EPA Method 8270
Methyl ethyl ketone		No flag	Set by EPD/EMS
Methyl isobutyl ketone		No flag	Set by EPD/EMS
Mercury, total recoverable	µg/L	2	Final PDWS (EPA, 1993a)
Methapyrilene	µg/L	100	EPA Method 8270
Methyl methanesulfonate	µg/L	100	EPA Method 8270
m-Nitroaniline	µg/L	100	EPA Method 8270
Naphthalene	µg/L	100	EPA Method 8270
Nitrate as nitrogen	µg/L	10,000	Final PDWS (EPA, 1993a)
Nitrate-nitrite as nitrogen	µg/L	10,000	Final PDWS (EPA, 1993a)
Nitrite as nitrogen	µg/L	1,000	Final PDWS (EPA, 1993a)
Nitrobenzene	µg/L	100	EPA Method 8270
N-Nitrosodiethylamine	µg/L	100	EPA Method 8270
N-Nitrosodimethylamine	µg/L	100	EPA Method 8270
N-Nitrosodi-n-butylamine	µg/L	100	EPA Method 8270
N-Nitrosodiphenylamine	µg/L	100	EPA Method 8270
N-Nitrosodipropylamine	µg/L	100	EPA Method 8270
N-Nitrosomethylethylamine	µg/L	100	EPA Method 8270
N-Nitrosomorpholine	µg/L	100	EPA Method 8270
N-Nitrosopiperidine	µg/L	100	EPA Method 8270
N-Nitrosopyrrolidine	µg/L	100	EPA Method 8270
Nonvolatile beta	PCi/L	50	Interim Final PDWS (EPA, 1977)
O,O,O-Triethyl phosphorothioate	µg/L	100	EPA Method 8270
o-Cresol (2-Methylphenol)	µg/L	100	EPA Method 8270
o-Nitroaniline	µg/L	100	EPA Method 8270
o-Toluidine	µg/L	100	EPA Method 8270
p-(Dimethylamino)ethylbenzene	µg/L	100	EPA Method 8270

<u>Analyte</u>	<u>Unit</u>	<u>Regulatory Limit</u>	<u>Source</u>
Parathion	µg/L	0.5	EPA Method 8080
Parathion methyl	µg/L	0.5	EPA Method 8080
p-Dimethylaminoazobenzene	µg/L	100	EPA Method 8270
Pentachloronitrobenzene	µg/L	100	EPA Method 8270
Pentachlorophenol	µg/L	1	Final PDWS (EPA, 1993a)
Phenacetin	µg/L	100	EPA Method 8270
Phenanthrene	µg/L	100	EPA Method 8270
Phenol	µg/L	100	EPA Method 8270
Phenols	µg/L	50	EPA Method 420.1
Phorate	µg/L	1	EPA Method 8080
p-Nitroaniline	µg/L	100	EPA Method 8270
Potassium, total recoverable		No flag	Set by EPD/EMS
p-Phenylenediamine	µg/L	100	EPA Method 8270
Pronamid	µg/L	100	EPA Method 8270
Propionitrile	µg/L	2,000	EPA Method 8240
Pyrene	µg/L	100	EPA Method 8270
Pyridine	µg/L	100	EPA Method 8270
Safrole	µg/L	100	EPA Method 8270
Selenium, total recoverable	µg/L	50	Final PDWS (EPA, 1993a)
Silver, total recoverable	µg/L	100	SDWS (EPA, 1993b)
Sodium, total recoverable		No flag	Set by EPD/EMS
Sulfate	µg/L	400,000	Proposed PDWS (EPA, 1990)
Sulfotep	µg/L	100	EPA Method 8270
Styrene	µg/L	100	Final PDWS (EPA, 1993a)
Tetrachloroethylene	µg/L	5	Final PDWS (EPA, 1993a)
Thionazin	µg/L	100	EPA Method 8270
Toluene	µg/L	1,000	Final PDWS (EPA, 1993a)
Total dissolved solids		No flag	Set by EPD/EMS
Total organic carbon	µg/L	10,000	EPA Method 9060
Total organic halogens	µg/L	50	EPA Method 9020
Total phosphates (as P)		No flag	Set by EPD/EMS
trans-1,2-Dichloroethylene	µg/L	100	Final PDWS (EPA, 1993a)
trans-1,3-Dichloropropene	µg/L	10	EPA Method 8240
Trichloroethylene	µg/L	5	Final PDWS (EPA, 1993a)
Tritium	pCi/mL	20	Final PDWS (EPA, 1993a)

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Appendix B

Groundwater Monitoring

Result Tables

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1999 Data Review Key

This report contains data for samples taken during 1999 from locations at the TNX Area at SRS. The report presents monitoring results that equaled or exceeded the Safe Drinking Water Act final PDWS or screening levels established by US EPA (Appendix A).

The following Appendix of tables presents groundwater monitoring data at the SRS TNX Area from the period of Jan. 1, 1999 through May 31, 1999.

The analytical data are presented with the following interpretations of the lab data. Where the laboratory did not identify or quantify the analyte and qualified the data with functional guideline Code "U". The data are presented as "less than sample specific Method Detection Limit" or "<ssMDL" and the qualifier U is reported in the modifier column.

Where two or more analytical results exist for a singular well sampling event, only one result is presented. The result presented is based on a conservative approach in that the highest concentration reported is selected between two detected analytical batches. If one was a detect and the other a non-detected, then the detect result is presented. If both results are non-detects, then the ssMDL is presented.

Key to Reading the Tables

The following abbreviations may appear in the data tables:

Sampling Codes

C	well was pumping continuously
L	well went dry before sampling began; only depth to water can be determined
N	well not stabilized for sampling
P	Inaccessibility or mechanical failure prevented sample collection and field analysis of the water
S	no water in standpipe; for water level events only
T	Samples were collected, but some samples were not sent due to high turbidity
X	well went dry during purging; samples collected after well recovered

Method Codes

B	sample collected using an open-bucket bailer
P	sample collected using a bladder pump
S	sample collected using a single-speed centrifugal downhole pump
V	sample collected using a variable-speed pump

Units

LAT, Deg N	Latitude, Degrees North
Longitude, Deg W	Longitude Degrees West
SRS Coord, N ; E	Savannah River Site Coordinates, Feet North ; Feet East
dec. C	Degrees Celsius
E	Exponential notation (e.g., 1.1E-09 = 1.1×10^{-9} = 0.0000000011)
mg/L	Milligrams per liter
NTU	Turbidity unit
pCi/L	Picocuries per liter
µg/L	Micrograms per liter
µS/cm	Microsiemens per centimeter
Ft. BTOS	Feet Below Top Of Standpipe
Ft. BTOC	Feet Below Top Of Casing

Other

SS	Stainless steel
ft msl	Feet mean sea level
Mod	Modifier column in data tables
PDWS	Primary drinking water standard
PVC	Polyvinyl chloride

Holding Times

Standard analytical methods include a limit, called *holding time*, on the maximum elapsed time between sample collection and extraction or analysis by the laboratory. In the data tables, a EPA Storet code "Q" on the right side of the modifier column indicates that holding time was exceeded. Analyses performed beyond holding times may not yield valid results.

South Carolina Department Health and Environmental Control allows only 15 minutes to elapse between sampling and analysis for pH. Thus only field pH measurements can meet the holding time criterion; laboratory pH analyses always will exceed it.

The laboratory procedure used to determine specific conductance allows one day to elapse between sampling and analysis. Thus laboratory specific conductance measurements may exceed the holding time criterion.

Data Modifiers

The contract laboratories continually assess their own accuracy and precision according to US EPA guidelines. They submit sample- or batch-specific quality assurance/quality control information either at the same time as they submit analytical results or they submit them in a quarterly summary. Properly defined and used modifiers (also referred to as qualifiers) can be a key component in assessing data usability. Modifiers used and reported are US EPA Functional Guidelines Codes and EPA STORET Codes. These codes appear in the data tables under the column *Mod*.

Codes for modifiers on left side of *Mod* column:

EPA Functional Guidelines Codes (EPA 1994b and 1994c)

Modifier	Description
(Blank)	Data not remarked. The analytical result is acceptable for use as reported.
J	The analyte was positively identified; the associated numerical value is an estimated concentration of the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification. Use for all TIC results.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
U	Material analyzed for but not detected. The analyte concentration is <ssEQL.
NJ	The analysis indicates the presence of an analyte that has been tentatively identified and the associated numerical value represents its approximate concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Codes for modifiers on right side of *Mod* column;

EPA STORET Codes (EPA 1992)

- The code is not currently used for SRS programs.
- ** Indicates STORET code or secondary code definition is redundant to a Functional Guideline code and is not used.

Modifier	Description
(Blank)	Data not remarked.
A	The result is the mean of two or more results.
B•	The result is based on colony counts outside the acceptance range.
C	The result is calculated.
D	Field measurement.
E*	Extra samples were taken at composite stations.
F	Indicates female of the species.
G	The result reported is the maximum of two or more results.
H	The result is from a field kit determination and may not be accurate.
I	The result is less than the ssEQL, but equal to or greater than the MDL.
J**	The result is estimated.

Codes for modifiers on right side of *Mod* column (Cont.);

<i>K</i>	The actual concentration is known to be less than the reported result.
<i>L</i>	The actual concentration is known to be greater than the reported result.
<i>M</i>	Indicates male of the species.
<i>N**</i>	There is presumptive evidence of the presence of the analyte.
<i>O</i>	Sample received by laboratory, but the analysis was lost or not performed.
<i>P*</i>	Too numerous to count (TNTC).
<i>Q</i>	The sample was held beyond the normal holding time prior to analysis.
<i>R*</i>	There was significant rain in the past 48 hours.
<i>S</i>	Laboratory test.
<i>T*</i>	The result is less than the criteria of detection.
<i>V</i>	The analyte was detected in both the method blank and the sample.
<i>W*</i>	The result is less than lowest reportable under "T" STORET code.
<i>X*</i>	The value is from quasi-vertically integrated sample.
<i>Y</i>	The result is from an unpreserved or incorrectly preserved sample; the data may not be accurate.
<i>Z*</i>	There were too many colonies present to count (TNTC); the numeric value represents the filtration volume.

Table B1. Groundwater Monitoring Results for Individual Primary Wells

WELL: P 26A

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 72010.4	33.214 Deg N	32.0 - 22.0 ft msl	154.5 ft msl	154.0 ft msl	4" PVC	S	Semiconfined
E 18055.9	81.759 Deg W						

<u>SAMPLE DATE</u>	<u>02/03/99</u>	<u>05/03/99</u>
FIELD DATA		

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	36.61	37.17	ft BTOS
pH	5.6	4.9	
Sp. Conductance	39	34	uS/cm
Water temperature	19.2	21.6	deg. C
Alkalinity as CaCO ₃	47	4	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.5	.2	NTU
Volumes purged	168	56	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.42	JU Q	<.427	U	ug/L
Aluminum, total recoverable	<14.6	U	<71.3	U	ug/L
Barium, total recoverable			27		ug/L
Boron, total recoverable	7.88	J I	9.49	J I	ug/L
Carbon tetrachloride	<.188	JU Q	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	1.75	J I	<1.01	U	pCi/L
Iron, total recoverable	1010		945		ug/L
Lead, total recoverable	<4.7	U	<3.57	U	ug/L
Manganese, total recoverable	20.6		20.1		ug/L
Mercury, total recoverable	<.045	U	<.179	U	ug/L
Nitrate as nitrogen	3	J IQ	<11.7	JU Q	ug/L
Nonvolatile beta	2.55	J I	2.23	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	<.22	JU Q	<.501	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TBG 1

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71429.5	33.212 Deg N	109.1 - 89.1 ft msl	151.4 ft msl	151.2 ft msl	4" PVC	S	Unconfined
E 17134.7	81.760 Deg W						

SAMPLE DATE

02/02/99

05/05/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	53.78	54.51	ft BTOS
pH	4	4.8	
Sp. Conductance	110	94	uS/cm
Water temperature	21.3	21.6	deg. C
Alkalinity as CaCO ₃	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.3	.4	NTU
Volumes purged	27	20	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	82.1	J I	ug/L
Boron, total recoverable	13.8	J I	13	J I	ug/L
Carbon tetrachloride	15.5		7.5		ug/L
Chloroform	.5	J I	<.4	U	ug/L
Gross alpha	9.35	J K	6.81		pCi/L
Iron, total recoverable	<4.01	U V	11.4	J I	ug/L
Lead, total recoverable	<40	U	<3.6	U	ug/L
Manganese, total recoverable	58		52.9		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	6520	J Q	6150	J Q	ug/L
Nonvolatile beta	6.08		3.42	J I	pCi/L
Tetrachloroethylene	1.97		<.6	U	ug/L
Trichloroethylene	16	J K	7.7		ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TBG 3

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71324.1	33.212 Deg N	108.9 - 88.9 ft msl	151.4 ft msl	151.2 ft msl	4" PVC	S	Unconfined
E 17177.7	81.760 Deg W						

<u>SAMPLE DATE</u>	<u>02/08/99</u>	<u>05/07/99</u>

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	50.91	52.02	ft BTOS
pH	3.9	4.2	
Sp. Conductance	160	170	uS/cm
Water temperature	20.2	25.3	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	7.5	13.9	NTU
Volumes purged	8	11	gallons
Sampling codes	X	X	

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	619		481		ug/L
Boron, total recoverable	33.3	J I	35.6	J I	ug/L
Carbon tetrachloride	298	J K	190		ug/L
Chloroform	22.9	J K	12	J K	ug/L
Gross alpha	16.3		31.17		pCi/L
Iron, total recoverable	790		472		ug/L
Lead, total recoverable	<40	U	25.5		ug/L
Manganese, total recoverable	262		329		ug/L
Mercury, total recoverable	.606		.87		ug/L
Nitrate as nitrogen	17800	J Q	18000		ug/L
Nonvolatile beta	13.17		18.22		pCi/L
Tetrachloroethylene	15.4	J K	10	J K	ug/L
Trichloroethylene	572	J K	310		ug/L
cis-1,2-Dichloroethylene	133	J K	70	J K	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TBG 4

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71267.1	33.211 Deg N	109.3 - 89.3 ft msl	151.6 ft msl	151.3 ft msl	4" PVC	V	Unconfined
E 17177.7	81.760 Deg W						

SAMPLE DATE

02/12/99

05/07/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	50	50.95	ft BTOS
pH	4.2	4	
Sp. Conductance	230	230	uS/cm
Water temperature	22	24.4	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	1.7	.9	NTU
Volumes purged	31	32	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	580		563		ug/L
Barium, total recoverable	146				ug/L
Boron, total recoverable	23.7	J I	20	J I	ug/L
Carbon tetrachloride	174		200	J K	ug/L
Chloroform	12	J K	13	J K	ug/L
Gross alpha	32.29	J K	37.27		pCi/L
Iron, total recoverable	71.4	J I	27.1	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	304		330		ug/L
Mercury, total recoverable	2.74		2.33		ug/L
Nickel, total recoverable	<7	U			ug/L
Nitrate as nitrogen	21200	J Q	24200		ug/L
Nonvolatile beta	23.81		27.69		pCi/L
Selenium, total recoverable	<81	U			ug/L
Tetrachloroethylene	32.6	J K	41	J K	ug/L
Trichloroethylene	496	J K	500	J K	ug/L
cis-1,2-Dichloroethylene	127		210	J K	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TBG 5

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71226.5	33.212 Deg N	112.4 - 92.4 ft msl	149.6 ft msl	149.4 ft msl	4" PVC	V	Unconfined
E 17354.5	81.759 Deg W						

SAMPLE DATE	02/08/99	05/07/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	48.56	49.2	ft BTOS
pH	4.5	4.8	
Sp. Conductance	67	61	uS/cm
Water temperature	21.5	24.5	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.8	3	NTU
Volumes purged	17	10	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	85.8	J I	104	J I	ug/L
Boron, total recoverable	10.6	J I	9.71	J I	ug/L
Carbon tetrachloride	.894	J IL	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	1.67		1.59	J I	pCi/L
Iron, total recoverable	<4.01	U V	57.6	J I	ug/L
Lead, total recoverable	<40	U	12.1		ug/L
Manganese, total recoverable	12.4		7.69	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	2800	J Q	2840		ug/L
Nonvolatile beta	2.54		2.91	J I	pCi/L
Tetrachloroethylene	4.02	J K	<.6	U	ug/L
Trichloroethylene	1360	J K	1600		ug/L
cis-1,2-Dichloroethylene	7.69	J K	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TBG 5A

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71216.8	33.212 Deg N	80.0 - 70.0 ft msl	150.2 ft msl	150.0 ft msl	4" PVC	S	Unconfined
E 17354.8	81.759 Deg W						

SAMPLE DATE

02/02/99

05/05/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	49.3	49.91	ft BTOS
pH	4.7	4.8	
Sp. Conductance	31	26	uS/cm
Water temperature	21.3	21.8	deg. C
Alkalinity as CaCO ₃	3	3	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.1	.3	NTU
Volumes purged	85	71	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Boron, total recoverable	<7.07	U	7.34	J I	ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	.96	J IK	.72	J I	pCi/L
Iron, total recoverable	<4.01	U	4.6	J I	ug/L
Lead, total recoverable	<40	U	<3.6	U	ug/L
Manganese, total recoverable	2.3	J I	2.67	J I	ug/L
Mercury, total recoverable	<.179	U	.33	J I	ug/L
Nitrate as nitrogen	698	J Q	750	J Q	ug/L
Nonvolatile beta	1.67	J I	<1.8	U	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	<.501	U	<.5	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TBG 5B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71206.8	33.212 Deg N	56.2 - 46.2 ft msl	149.6 ft msl	149.4 ft msl	4" PVC	S	Semiconfined
E 17348.8	81.759 Deg W						

SAMPLE DATE	02/02/99	05/05/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	37.15	37.84	ft BTOS
pH	4.4	4.8	
Sp. Conductance	35	30	uS/cm
Water temperature	20.6	21.6	deg. C
Alkalinity as CaCO3	0	2	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	3.5	.8	NTU
Volumes purged	118	112	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.42	U	<.43	U	ug/L
Aluminum, total recoverable	53.5	J IK	<71.3	U	ug/L
Boron, total recoverable	30.3	J I	9.8	J I	ug/L
Carbon tetrachloride	<.188	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	1.44	J IK	1.21	J I	pCi/L
Iron, total recoverable	990		817		ug/L
Lead, total recoverable	<4.7	U	<3.6	U	ug/L
Manganese, total recoverable	15.8		16.1		ug/L
Mercury, total recoverable	<.045	U	<.179	U	ug/L
Nitrate as nitrogen	23	J Q	<11.7	JU Q	ug/L
Nonvolatile beta	15.9		<1.83	U	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	<.22	U	<.5	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TBG 6

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71482.3	33.212 Deg N	109.1 - 89.1 ft msl	148.3 ft msl	148.1 ft msl	4" PVC	S	Unconfined
E 17290.5	81.760 Deg W						

SAMPLE DATE

02/08/99

05/07/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	47.5	49.28	ft BTOS
pH	4.2	4.5	
Sp. Conductance	110	100	uS/cm
Water temperature	21.3	26.1	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	6.6	44.6	NTU
Volumes purged	20	18	gallons
Sampling codes	X	X	

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	282		471		ug/L
Boron, total recoverable	8.67	J I	15	J I	ug/L
Carbon tetrachloride	8.58	J K	<.39	U	ug/L
Chloroform	1.55	J K	<.4	U	ug/L
Gross alpha	3.63		16.13		pCi/L
Iron, total recoverable	405		767		ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	78.4		98.6		ug/L
Mercury, total recoverable	.319	J I	1.8		ug/L
Nitrate as nitrogen	8700	J Q	8650		ug/L
Nonvolatile beta	3.89		9.82		pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	2450	J K	3000		ug/L
cis-1,2-Dichloroethylene	6.65	J K	14	J K	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 1D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71613.5	33.211 Deg N	99.6 - 79.6 ft msl	156.7 ft msl	156.5 ft msl	4" PVC	S	Unconfined
E 16699.6	81.762 Deg W						

<u>SAMPLE DATE</u>	<u>02/02/99</u>	<u>05/04/99</u>
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FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	59.1	60	ft BTOS
pH	5.5	5.4	
Sp. Conductance	41	46	uS/cm
Water temperature	19.1	21	deg. C
Alkalinity as CaCO3	11	9	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	1.6	1.8	NTU
Volumes purged	58	13	gallons
Sampling codes		X	

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			18		ug/L
Boron, total recoverable	<7.07	U	11	J I	ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	.57	J IK	<1.08	U	pCi/L
Iron, total recoverable	34.8	J I	120	J I	ug/L
Lead, total recoverable	<40	U	5	J I	ug/L
Manganese, total recoverable	37.2		58		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	<11.7	JU Q	<11.7	JU Q	ug/L
Nonvolatile beta	<1.65	U	<1.48	U	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	<.501	U	4.5	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 2D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71452.0	33.211 Deg N	102.8 - 82.8 ft msl	155.3 ft msl	155.1 ft msl	4" PVC	S	Unconfined
E 16788.2	81.761 Deg W						

SAMPLE DATE

02/03/99

05/04/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	58.35	59.19	ft BTOS
pH	5.9	5.6	
Sp. Conductance	46	48	uS/cm
Water temperature	19.1	21.9	deg. C
Alkalinity as CaCO ₃	10	14	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	2.5	4.5	NTU
Volumes purged	2	6	gallons
Sampling codes	NX	X	

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			28		ug/L
Boron, total recoverable	12.3	J I	11	J I	ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	1.27	J I	1.73	J I	pCi/L
Iron, total recoverable	164	J I	470		ug/L
Lead, total recoverable	<40	U	<3.72	JU	ug/L
Manganese, total recoverable	22.1		18		ug/L
Mercury, total recoverable	.31	J I	<.179	U	ug/L
Nitrate as nitrogen	130	J IQ	135	J Q	ug/L
Nonvolatile beta	2.01	J I	2.53	J I	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	<.501	U	<.5	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 3D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71236.7	33.211 Deg N	104.9 - 84.9 ft msl	154.5 ft msl	154.3 ft msl	4" PVC	S	Unconfined
E 17043.1	81.760 Deg W						

SAMPLE DATE	02/08/99	05/07/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	57.68	58.48	ft BTOS
pH	4.7	4.9	
Sp. Conductance	76	71	uS/cm
Water temperature	20.9	24.6	deg. C
Alkalinity as CaCO3	3	5	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	9.3	9.2	NTU
Volumes purged	5	1	gallons
Sampling codes	X	X	

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	407		266		ug/L
Boron, total recoverable	242		279		ug/L
Carbon tetrachloride	44.7	J L	17		ug/L
Chloroform	7.14	J IK	<.4	U	ug/L
Gross alpha	3.86		3.78		pCi/L
Iron, total recoverable	249		113	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	30		27.9		ug/L
Mercury, total recoverable	.208	J I	.26	J I	ug/L
Nitrate as nitrogen	4410	J Q	4380		ug/L
Nonvolatile beta	3.92		4.22	J I	pCi/L
Tetrachloroethylene	13.9	J K	5		ug/L
Trichloroethylene	281	J K	110		ug/L
cis-1,2-Dichloroethylene	71.7	J K	28		ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 4D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71002.7	33.211 Deg N	105.5 - 85.5 ft msl	150.0 ft msl	149.8 ft msl	4" PVC	S	Unconfined
E 17223.0	81.759 Deg W						

SAMPLE DATE

02/03/99

05/04/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	49.44	50.15	ft BTOS
pH	5.2	5	
Sp. Conductance	54	73	uS/cm
Water temperature	18.7	21.7	deg. C
Alkalinity as CaCO ₃	1	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	53.8	12.5	NTU
Volumes purged	2	7	gallons
Sampling codes	NX	X	

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	238		330		ug/L
Barium, total recoverable			20		ug/L
Boron, total recoverable	10	J I	18	J I	ug/L
Carbon tetrachloride	5.98	J K	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	11.7		10.76		pCi/L
Iron, total recoverable	301		460		ug/L
Lead, total recoverable	<40	U	6.1	J I	ug/L
Manganese, total recoverable	17.5		25		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	1720	J Q	5070	J Q	ug/L
Nonvolatile beta	8.46		8.92		pCi/L
Tetrachloroethylene	4.82	J K	<.6	U	ug/L
Trichloroethylene	5.48	J K	<.5	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 7D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71738.1	33.212 Deg N	103.6 - 83.6 ft msl	151.1 ft msl	150.9 ft msl	4" PVC	S	Unconfined
E 17080.6	81.761 Deg W						

SAMPLE DATE	02/02/99	05/04/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	54.16	52.99	ft BTOS
pH	5.5	5.5	
Sp. Conductance	44	38	uS/cm
Water temperature	19.4	21	deg. C
Alkalinity as CaCO3	1	3	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	1.9	2.7	NTU
Volumes purged	35	12	gallons
Sampling codes		X	

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	310		ug/L
Barium, total recoverable			17		ug/L
Boron, total recoverable	14	J I	15	J I	ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	<1.01	U	1	J I	pCi/L
Iron, total recoverable	38.5	J I	530		ug/L
Lead, total recoverable	<40	U V	12		ug/L
Manganese, total recoverable	4.68	J I	8.7	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	241	J Q	273	J Q	ug/L
Nonvolatile beta	1.61	J I	2.98	J I	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	<.501	U	4.9	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 8D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 70591.9	33.208 Deg N	94.0 - 74.0 ft msl	100.5 ft msl	100.3 ft msl	4" PVC	S	Unconfined
E 16168.3	81.761 Deg W						

SAMPLE DATE

02/02/99

05/03/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	6.06	7.62	ft BTOS
pH	5.4	5	
Sp. Conductance	120	160	uS/cm
Water temperature	15.9	17.1	deg. C
Alkalinity as CaCO3	7	6	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.5	.8	NTU
Volumes purged	45	56	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			58.3		ug/L
Boron, total recoverable	492		510		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	.46	J I	<1.06	U	pCi/L
Iron, total recoverable	140	J I	134	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	14.3		14.9		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	3150	J Q	3070	J Q	ug/L
Nonvolatile beta	2.17	J I	2.34	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	5.48	J K	4.6	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 9D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 70791.4	33.209 Deg N	95.4 - 75.4 ft msl	101.9 ft msl	101.7 ft msl	4" PVC	S	Unconfined
E 16145.8	81.762 Deg W						

SAMPLE DATE	02/02/99	05/03/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	7.95	9.25	ft BTOS
pH	5.4	5	
Sp. Conductance	160	150	uS/cm
Water temperature	17.9	18	deg. C
Alkalinity as CaCO3	9	5	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	2.7	1.2	NTU
Volumes purged	40	43	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<427	U	<427	U	ug/L
Aluminum, total recoverable	196	J I	<71.3	U	ug/L
Barium, total recoverable			66.4		ug/L
Boron, total recoverable	517		669		ug/L
Carbon tetrachloride	<389	U	<389	U	ug/L
Chloroform	<4	U	<4	U	ug/L
Gross alpha	1.72	J I	2.85	J I	pCi/L
Iron, total recoverable	440		429		ug/L
Lead, total recoverable	<47.3	JU	<3.57	U	ug/L
Manganese, total recoverable	19.4		20.5		ug/L
Mercury, total recoverable	<179	U	<179	U	ug/L
Nitrate as nitrogen	1760	J Q	1880	J Q	ug/L
Nonvolatile beta	3.76		3.85	J I	pCi/L
Tetrachloroethylene	<604	U	<604	U	ug/L
Trichloroethylene	3.14	J K	0	R	ug/L
cis-1,2-Dichloroethylene	<432	U	<432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 10D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71000.0	33.209 Deg N	97.0 - 77.0 ft msl	102.5 ft msl	102.3 ft msl	4" PVC	S	Unconfined
E 16166.1	81.762 Deg W						

SAMPLE DATE	02/02/99	05/03/99
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FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	8.88	10.05	ft BTOS
pH	4.3	4.6	
Sp. Conductance	100	125	uS/cm
Water temperature	19.2	18.8	deg. C
Alkalinity as CaCO3	1	2	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	7.8	7.1	NTU
Volumes purged	94	63	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	165	J I	179	J I	ug/L
Barium, total recoverable			36.8		ug/L
Boron, total recoverable	830		839		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	2.79	J I	3.35		pCi/L
Iron, total recoverable	255		248		ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	36.7		47.3		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	3730	J Q	3600	J Q	ug/L
Nonvolatile beta	2.81	J I	2.46	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	20.3	J K	20.1	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 11D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71199.3	33.210 Deg N	93.2 - 73.2 ft msl	100.3 ft msl	99.8 ft msl	4" PVC	S	Unconfined
E 16165.5	81.762 Deg W						

SAMPLE DATE	02/02/99	05/03/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	6.69	7.84	ft BTOS
pH	4.5	4.8	
Sp. Conductance	43	41	uS/cm
Water temperature	20.2	20.2	deg. C
Alkalinity as CaCO3	1	2	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	1.1	.9	NTU
Volumes purged	68	104	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			21		ug/L
Boron, total recoverable	11.4	J I	13.5	J I	ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	2.05	J I	<.96	U	pCi/L
Iron, total recoverable	211		206		ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	15		16.9		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	67.4	J IQ	114	J Q	ug/L
Nonvolatile beta	3.49		2.38	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	3.55	J K	3.88	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 12D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71598.3	33.210 Deg N	93.1 - 73.1 ft msl	99.4 ft msl	99.2 ft msl	4" PVC	S	Unconfined
E 16176.3	81.763 Deg W						

SAMPLE DATE	02/02/99	05/03/99
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FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	4.66	5.89	ft BTOS
pH	5.4	5.5	
Sp. Conductance	61	58	uS/cm
Water temperature	18.6	18.5	deg. C
Alkalinity as CaCO3	17	16	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.2	.3	NTU
Volumes purged	79	50	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			21.7		ug/L
Boron, total recoverable	9.09	J I	13.1	J I	ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	<.92	U	<.93	U	pCi/L
Iron, total recoverable	<4.01	U V	32.9	J I	ug/L
Lead, total recoverable	<47.3	JU	<3.57	U	ug/L
Manganese, total recoverable	889		1010		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	<11.7	JU Q	<11.7	JU Q	ug/L
Nonvolatile beta	1.94	J I	3.23	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	<.501	U	<.501	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 27D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71180.1	33.210 Deg N	101.0 - 81.0 ft msl	110.6 ft msl	110.6 ft msl	2" PVC	V	Unconfined
E 16609.1	81.761 Deg W						

SAMPLE DATE	02/04/99	05/07/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	14.37	15.7	ft BTOS
pH	5.4	5.2	
Sp. Conductance	75	58	uS/cm
Water temperature	16.9	18.6	deg. C
Alkalinity as CaCO3	6	10	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	3.1	.9	NTU
Volumes purged	13	19	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<14.6	U	89.2	J I	ug/L
Arsenic, total recoverable	<4	U			ug/L
Barium, total recoverable	30				ug/L
Boron, total recoverable	10.8	J I	10.8	J I	ug/L
Cadmium, total recoverable	<.47	U			ug/L
Calcium, total recoverable	8260				ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloride	2400				ug/L
Chloroform	<.4	U	<.4	U	ug/L
Chromium, total recoverable	<.7	U			ug/L
Fluoride	<4	U V			ug/L
Gross alpha	<.26	U	<25.27	U	pCi/L
Iron, total recoverable	46.2	J I	6.82	J I	ug/L
Lead, total recoverable	<.47	U	<3.57	U	ug/L
Lithium, total recoverable	<.27	U			ug/L
Magnesium, total recoverable	701				ug/L
Manganese, total recoverable	1.44	J I	<.94	U	ug/L
Mercury, total recoverable	<.045	U	<.179	U	ug/L
Nitrate as nitrogen	1090	J Q	132		ug/L
Nitrate-nitrite as nitrogen	1280				ug/L
Nonvolatile beta	<.26	U	24.05		pCi/L
Potassium, total recoverable	1710				ug/L
Selenium, total recoverable	<6.6	U			ug/L
Silica, total recoverable	6580				ug/L
Silver, total recoverable	<.5	U			ug/L
Sodium, total recoverable	3970				ug/L
Sulfate	8520				ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 27D
ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Total dissolved solids	54000	J Q			ug/L
Total organic carbon	795	J I			ug/L
Total organic halogens	<12	U			ug/L
Total phosphates (as P)	83.9				ug/L
Trichloroethylene	<.501	U	<.5	U	ug/L
Tritium	1260	J I			pCi/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: XSB 1A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71105.4	33.211 Deg N	74.6 - 64.6 ft msl	156.2 ft msl	156.0ft msl	4' PVC	S	Unconfined
E 16883.0	81.760 Deg W						

SAMPLE DATE	02/03/99	05/04/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	60.1	60.95	ft BTOS
pH	4.5	4.8	
Sp. Conductance	71	71	uS/cm
Water temperature	21.3	22.9	deg. C
Alkalinity as CaCO3	2	2	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.2	.3	NTU
Volumes purged	121	84	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<427	U	<43	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			19		ug/L
Boron, total recoverable	621		580		ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	1.26	J I	1.12	J I	pCi/L
Iron, total recoverable	19.8	J I	<4.01	U	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	13.6		15		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	1830	J Q	1940	J Q	ug/L
Nonvolatile beta	1.76	J I	3.3	J I	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	<.501	U	<.5	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: XSB 1B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71105.0 E 16872.9	33.211 Deg N 81.760 Deg W	53.6 - 43.6 ft msl	156.2 ft msl	155.9 ft msl	4" PVC	S	Semiconfined

SAMPLE DATE	02/03/99	05/04/99
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FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	53.6	55.85	ft BTOS
pH	4.6	5	
Sp. Conductance	34	30	uS/cm
Water temperature	21	22.3	deg. C
Alkalinity as CaCO3	3	3	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	4.6	2.3	NTU
Volumes purged	112	160	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			25		ug/L
Boron, total recoverable	<7.07	U	9.4	J I	ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	.43	J I	ug/L
Gross alpha	<.91	U	1.24	J I	pCi/L
Iron, total recoverable	1350		870		ug/L
Lead, total recoverable	<47.3	JU	<3.57	U	ug/L
Manganese, total recoverable	17.5		17		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	<23.4	JU Q	<11.7	JU Q	ug/L
Nonvolatile beta	<1.63	U	2.47	J I	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	<.501	U	<.5	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: XSB 1D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71104.8	33.211 Deg N	107.9 - 87.9 ft msl	156.2 ft msl	156.0 ft msl	4" PVC	S	Unconfined
E 16893.5	81.760 Deg W						

SAMPLE DATE	02/03/99	05/04/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	60.2	60.94	ft BTOS
pH	4	4.5	
Sp. Conductance	69	62	uS/cm
Water temperature	21.3	22.7	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.2	.5	NTU
Volumes purged	37	30	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	99.6	J I	72	J I	ug/L
Barium, total recoverable			9.2	J I	ug/L
Boron, total recoverable	50.2	J I	58	J I	ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	3.09		1.77	J I	pCi/L
Iron, total recoverable	44.3	J I	<4.01	U V	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	17		9.4	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	3830	J Q	4050	J Q	ug/L
Nonvolatile beta	<1.61	U	2.17	J I	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	245		170		ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: XSB 2D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71086.0	33.210 Deg N	104.0 - 84.0 ft msl	155.0 ft msl	154.8 ft msl	4" PVC	S	Unconfined
E 16823.1	81.761 Deg W						

SAMPLE DATE

02/08/99

05/07/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	58.89	59.78	ft BTOS
pH	5.2	5.2	
Sp. Conductance	150	150	uS/cm
Water temperature	22.3	23.3	deg. C
Alkalinity as CaCO ₃	5	5	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.2	.3	NTU
Volumes purged	23	22	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Boron, total recoverable	611		733		ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	1.77	J K	<.4	U	ug/L
Gross alpha	2.78		3.58		pCi/L
Iron, total recoverable	<4.01	U V	21	J I	ug/L
Lead, total recoverable	<40	U	4.41	J I	ug/L
Manganese, total recoverable	15.7		17.8		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	4940	J Q	6010		ug/L
Nonvolatile beta	2.73		5.14		pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	21.7	J K	18		ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: XSB 3A

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 70915.3	33.210 Deg N	103.2 - 87.4 ft msl	157.3 ft msl	157.0 ft msl	4" PVC	S	Unconfined
E 16901.3	81.760 Deg W						

SAMPLE DATE

02/03/99

05/05/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	59.38	0	ft BTOS
pH	5.3	4.9	
Sp. Conductance	130	140	uS/cm
Water temperature	20.8	21.5	deg. C
Alkalinity as CaCO ₃	7	4	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	1.8	.5	NTU
Volumes purged	80	35	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	73.6	J I	<71.3	U	ug/L
Boron, total recoverable	801		451		ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	4.69		2.88		pCi/L
Iron, total recoverable	26.1	J I	4.24	J I	ug/L
Lead, total recoverable	<40	U	4.4	J I	ug/L
Manganese, total recoverable	26.6		11.8		ug/L
Mercury, total recoverable	.265	J I	.27	J I	ug/L
Nitrate as nitrogen	4020	J Q	3380	J Q	ug/L
Nonvolatile beta	4.44		<1.88	U	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	6.93		7		ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: XSB 4D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 70997.9	33.210 Deg N	103.9 - 83.9 ft msl	155.2 ft msl	154.9 ft msl	4" PVC	S	Unconfined
E 16826.2	81.760 Deg W						

<u>SAMPLE DATE</u>	<u>02/03/99</u>	<u>05/05/99</u>

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	58.79	59.58	ft BTOS
pH	5.5	5.6	
Sp. Conductance	130	120	uS/cm
Water temperature	20.4	20.8	deg. C
Alkalinity as CaCO3	11	5	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	8.4	.7	NTU
Volumes purged	135	35	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.135	U	ug/L
Aluminum, total recoverable	<71	U	<14.6	U	ug/L
Boron, total recoverable	867		475		ug/L
Carbon tetrachloride	<.389	U	<.154	U	ug/L
Chloroform	<.4	U	<.075	U	ug/L
Gross alpha	4.14		3.4		pCi/L
Iron, total recoverable	20.8	J I	21	J I	ug/L
Lead, total recoverable	<40	U	<3.6	U	ug/L
Manganese, total recoverable	4.82	J I	4.6	J I	ug/L
Mercury, total recoverable	<.179	U	.2	J I	ug/L
Nitrate as nitrogen	3560	J Q	3450	J Q	ug/L
Nonvolatile beta	2.48	J I	2.58	J I	pCi/L
Tetrachloroethylene	<.604	U	<.229	U	ug/L
Trichloroethylene	3.58		45	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.119	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: XSB 5A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 70956.3	33.210 Deg N	108.9 - 108.9 ft msl	112.2 ft msl	112.0 ft msl	4" PVC	S	Unconfined
E 16703.7	81.761 Deg W						

SAMPLE DATE	02/03/99	05/05/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	15.75	17.1	ft BTOS
pH	5.4	5.4	
Sp. Conductance	200	130	uS/cm
Water temperature	20.1	19.8	deg. C
Alkalinity as CaCO3	7	3	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.8	1.1	NTU
Volumes purged	40	37	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Boron, total recoverable	799		712		ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	2.17	J I	2.42	J I	pCi/L
Iron, total recoverable	49.4	J I	114	J I	ug/L
Lead, total recoverable	<47.3	JU	18		ug/L
Manganese, total recoverable	8.07	J I	8.13	J I	ug/L
Mercury, total recoverable	2.4		.33	J I	ug/L
Nitrate as nitrogen	107000	J Q	5630	J Q	ug/L
Nonvolatile beta	3.18	J I	<1.9	U	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	19.8		10	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

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Table B2. Groundwater Monitoring Results for Individual Recovery Wells, Monthly Sampling

WELL: TRW 1

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71162.7	33.211 Deg N	106.0 - 81.0 ft msl	156.6 ft msl	156.3 ft msl	6" PVC	S	Unconfined
E 16946.9	81.760 Deg W						

<u>SAMPLE DATE</u>	01/21/99	02/22/99	03/24/99
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FIELD DATA

<u>Analyte</u>				<u>Unit</u>
Depth to water	68.05	67.45	66.76	ft BTOS
pH	4.5	4.5	4.9	
Sp. Conductance	110	100	110	uS/cm
Water temperature	21.3	17.4	22.1	deg. C
Alkalinity as CaCO ₃	1	2	1	mg/L
Phenolphthalein Alkalinity	0	0	0	mg/L
Turbidity	.2	1.2	.2	NTU
Volumes purged	1	0		gallons
Sampling codes	CN	C	C	

ANALYTICAL DATA

<u>Analyte</u>		<u>Mod</u>		<u>Mod</u>		<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	111	J I	<71	U	116	J I	ug/L
Barium, total recoverable			<1.93	U			ug/L
Boron, total recoverable	1360		1320		1440		ug/L
Carbon tetrachloride	22.9	J K	6.12		13.9	J K	ug/L
Chloroform	2.21	J K	<.4	U	1.28		ug/L
Gross alpha	3.07	J I	4.03	J IK	2.27	J I	pCi/L
Iron, total recoverable	<4.01	U	5.7	J I	<4.01	U	ug/L
Lead, total recoverable	<40	U	<40	U	<40.2	U	ug/L
Manganese, total recoverable	49.8		42		51.2		ug/L
Mercury, total recoverable	.699		.586		<.18	U	ug/L
Nitrate as nitrogen	7740	J Q	6760	J Q	8530	J Q	ug/L
Nonvolatile beta			2.45	J I	3.32	J I	pCi/L
Tetrachloroethylene	3.14	J K	<.604	U	2.06	J K	ug/L
Trichloroethylene	197	J K	50		81.5	J K	ug/L
cis-1,2-Dichloroethylene	25.7	J K	14.5		18.9	J K	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TRW 1

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71162.7	33.211 Deg N	106.0 - 81.0 ft msl	156.6 ft msl	156.3 ft msl	6" PVC	S	Unconfined
E 16946.9	81.760 Deg W						

SAMPLE DATE	04/22/99	05/17/99	06/01/99
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FIELD DATA

Analyte				Unit
Depth to water	67.83	68.6	69.28	ft BTOS
pH	4.6	5.2	5.3	
Sp. Conductance	60	101	97	uS/cm
Water temperature	21.3	21	21.2	deg. C
Alkalinity as CaCO3	1	1	5	mg/L
Phenolphthalein Alkalinity	0	0	0	mg/L
Turbidity	.3	.2	.3	NTU
Volumes purged				gallons
Sampling codes	C	C	C	

ANALYTICAL DATA

Analyte		Mod		Mod		Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	<.43	U	ug/L
Aluminum, total recoverable	120	J I	<71.3	U	<71	U	ug/L
Boron, total recoverable	1270		1020		970		ug/L
Carbon tetrachloride	11.5		10		13	J K	ug/L
Chloroform	1.29		1.3		1.5	J K	ug/L
Gross alpha	4.08		2.9	J I	4.63		pCi/L
Iron, total recoverable	17.8	J I	<4.01	U	7.6	J I	ug/L
Lead, total recoverable	<3.57	U	<3.57	U	<3.6	U	ug/L
Manganese, total recoverable	52.7		42.6		43		ug/L
Mercury, total recoverable	.931		.578		.797		ug/L
Nitrate as nitrogen	8920	J Q	7270	J Q	7900	J Q	ug/L
Nonvolatile beta	3.94	J I	2.56	J I	3.1	J I	pCi/L
Tetrachloroethylene	2.19		1.6		2.6	J K	ug/L
Trichloroethylene	81.3	J L	77	J L	82	J K	ug/L
cis-1,2-Dichloroethylene	19		16		16	J K	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TRW 2

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71260.2	33.211 Deg N	111.6 - 76.6 ft msl	154.6 ft msl	154.3 ft msl	6" PVC	S	Unconfined
E 16803.7	81.761 Deg W						

SAMPLE DATE	01/21/99	02/22/99	03/24/99
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FIELD DATA

Analyte	01/21/99	02/22/99	03/24/99	Unit
Depth to water	64.64	64.16	63.71	ft BTOS
pH	5.1	4.7	4.9	
Sp. Conductance	79	85	80	uS/cm
Water temperature	20.6	19.3	22.8	deg. C
Alkalinity as CaCO3	1	2	3	mg/L
Phenolphthalein Alkalinity	0	0	0	mg/L
Turbidity	.3	.2	.1	NTU
Volumes purged	1	0		gallons
Sampling codes	CN	C	C	

ANALYTICAL DATA

Analyte	01/21/99	Mod	02/22/99	Mod	03/24/99	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.42	U Q	<.427	JU L	ug/L
Aluminum, total recoverable	156	J I	195	J K	218		ug/L
Barium, total recoverable			<1.93	U			ug/L
Boron, total recoverable	44.1	J I	53.7	J I	56.7	J I	ug/L
Carbon tetrachloride	7.99		4.92	J Q	5.68	J L	ug/L
Chloroform	.877	J I	<.49	U Q	.702	J IL	ug/L
Gross alpha	2.77	J I	4.43	J K	2.23	J I	pCi/L
Iron, total recoverable	4.51	J I	<7.4	U I	<4.01	U	ug/L
Lead, total recoverable	<40	U	<4.7	U	<40.2	U	ug/L
Manganese, total recoverable	73.2		77.8		71.5		ug/L
Mercury, total recoverable	<.179	U	.362	J I	<.18	U	ug/L
Nitrate as nitrogen	4600	J Q	5060	J Q	5580	J Q	ug/L
Nonvolatile beta			5.43		3.69	J I	pCi/L
Tetrachloroethylene	.991	J I	<1.45	U Q	.745	J IL	ug/L
Trichloroethylene	56.7	J K	40.3	J Q	31.6	J L	ug/L
cis-1,2-Dichloroethylene	2.99		<.52	U	2.85	J L	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TRW 2

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71260.2	33.211 Deg N	111.6 - 76.6 ft msl	154.6 ft msl	154.3 ft msl	6" PVC	S	Unconfined
E 16803.7	81.761 Deg W						

<u>SAMPLE DATE</u>	04/22/99	05/17/99	06/01/99

FIELD DATA

<u>Analyte</u>				<u>Unit</u>
Depth to water	64.65	65.34	66	ft BTOS
pH	4.8	5.2	5.4	
Sp. Conductance	82	82	78	uS/cm
Water temperature	20.8	20.6	20.7	deg. C
Alkalinity as CaCO3	1	1	3	mg/L
Phenolphthalein Alkalinity	0	0	0	mg/L
Turbidity	.7	.1	.4	NTU
Volumes purged				gallons
Sampling codes	C	C	C	

ANALYTICAL DATA

<u>Analyte</u>		<u>Mod</u>		<u>Mod</u>		<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	<.43	U	ug/L
Aluminum, total recoverable	200	J I	172	J I	140	J I	ug/L
Boron, total recoverable	55.7	J I	58.6	J I	67	J I	ug/L
Carbon tetrachloride	3.43	J K	5.8		3.7		ug/L
Chloroform	.764	J IK	<.4	U	.6	J I	ug/L
Gross alpha	5.5		3.6		6.23		pCi/L
Iron, total recoverable	<4.01	U	18.1	J I	<4	U	ug/L
Lead, total recoverable	<3.57	U	<3.57	U	<3.6	U	ug/L
Manganese, total recoverable	81.5		94.9		80		ug/L
Mercury, total recoverable	.536		.57		.536		ug/L
Nitrate as nitrogen	5710	J Q	5300	J Q	4500	J Q	ug/L
Nonvolatile beta	4.59		4.29		3.75	J I	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	<.6	U	ug/L
Trichloroethylene	24.6	J L	48	J L	36		ug/L
cis-1,2-Dichloroethylene	3.47	J K	2.9		1.7		ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TRW 3

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71334.3	33.211 Deg N	111.6 - 76.7 ft msl	154.8 ft msl	154.5 ft msl	6" PVC	S	Unconfined
E 17004.8	81.761 Deg W						

SAMPLE DATE	01/21/99	02/22/99	03/24/99
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FIELD DATA

Analyte				Unit
Depth to water				ft BTOS
pH	4.8	5.3	5.1	
Sp. Conductance	62	62	55	uS/cm
Water temperature	21.3	17.2	21.9	deg. C
Alkalinity as CaCO3	5	7	5	mg/L
Phenolphthalein Alkalinity	0	0	0	mg/L
Turbidity	.4	.5	1.2	NTU
Volumes purged		0		gallons
Sampling cobs	CNS	CNS	CNS	

ANALYTICAL DATA

Analyte		Mod		Mod		Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	671		<71	U	<71.3	U	ug/L
Barium, total recoverable			<1.93	U			ug/L
Boron, total recoverable	9.84	J I	<7	U	12.5	J I	ug/L
Carbon tetrachloride	3.41		<.389	U	3.09		ug/L
Chloroform	.473	J I	<.4	U	<.4	U	ug/L
Gross alpha	1.81	J I	2.56	J IK	1.3	J I	pCi/L
Iron, total recoverable	562		10.2	J I	231		ug/L
Lead, total recoverable	<40	U	<40	U	<40.2	U	ug/L
Manganese, total recoverable	5.16	J I	5.98	J I	6.46	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	<.18	U	ug/L
Nitrate as nitrogen	1750	J Q	1500	J Q	1560	J Q	ug/L
Nonvolatile beta			2.89	J I	2.22	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	<.604	U	ug/L
Trichloroethylene	61.7	J K	29.8		47		ug/L
cis-1,2-Dichloroethylene	1.31		<.432	U	2.01		ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TRW 3

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71334.3	33.211 Deg N	111.6 - 76.7 ft msl	154.8 ft msl	154.5 ft msl	6" PVC	S	Unconfined
E 17004.8	81.761 Deg W						

SAMPLE DATE	04/22/99	05/17/99	06/01/99
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FIELD DATA

Analyte				Unit
Depth to water			67.65	ft BTOS
pH	5	5.6	5.8	
Sp. Conductance	52	54	54	uS/cm
Water temperature	21.7	20.8	21.3	deg. C
Alkalinity as CaCO3	9	8	9	mg/L
Phenolphthalein Alkalinity	0	0	0	mg/L
Turbidity	7.1	.3	.3	NTU
Volumes purged				gallons
Sampling codes	CNS	CNS	C	

ANALYTICAL DATA

Analyte		Mod		Mod		Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	<.43	U	ug/L
Aluminum, total recoverable	<71.3	U	<71.3	U	<71	U	ug/L
Boron, total recoverable	<7.07	U	<7.07	U	10	J I	ug/L
Carbon tetrachloride	<.389	U	3		2		ug/L
Chloroform	<.4	U	<.4	U	.45	J I	ug/L
Gross alpha	2.66	J I	1.97	J I	4.41		pCi/L
Iron, total recoverable	25.1	J I	35.6	J I	4.6	J I	ug/L
Lead, total recoverable	<3.57	U	<3.57	U	<3.6	U	ug/L
Manganese, total recoverable	6.09	J I	6.55	J I	5.6	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	1420	J Q	1340	J Q	1200	J Q	ug/L
Nonvolatile beta	3.06	J I	1.77	J I	<1.82	U	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	<.6	U	ug/L
Trichloroethylene	49.6	J L	49	J L	37		ug/L
cis-1,2-Dichloroethylene	2.05		1.5		.89	J I	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TRW 4

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71454.1	33.212 Deg N	111.4 - 81.4 ft msl	151.3 ft msl	150.9 ft msl	6" PVC	S	Unconfined
E 17145.0	81.760 Deg W						

SAMPLE DATE	01/21/99	02/22/99	03/24/99
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FIELD DATA

Analyte				Unit
Depth to water	53.95	60.5	63.77	ft BTOS
pH	4.8	5	4.9	
Sp. Conductance	85	96	86	uS/cm
Water temperature	21	18.4	22.4	deg. C
Alkalinity as CaCO ₃	6	7	5	mg/L
Phenolphthalein Alkalinity	0	0	0	mg/L
Turbidity	.4	2.5	.3	NTU
Volumes purged	1	0		gallons
Sampling codes	CN	C	C	

ANALYTICAL DATA

Analyte		Mod		Mod		Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71	U	<71.3	U	ug/L
Barium, total recoverable			<1.93	U			ug/L
Boron, total recoverable	13.3	J I	11.3	J I	10.6	J I	ug/L
Carbon tetrachloride	3.29		<.389	U	2.83		ug/L
Chloroform	<.4	U	<.4	U	.434	J I	ug/L
Gross alpha	2.68	J I	3.3	J IK	1.81	J I	pCi/L
Iron, total recoverable	549		104	J I	836		ug/L
Lead, total recoverable	<40	U	<40	U	<40.2	U	ug/L
Manganese, total recoverable	10.2		22.3		19		ug/L
Mercury, total recoverable	<.179	U	.212	J I	<.18	U	ug/L
Nitrate as nitrogen	4170	J Q	4610	J Q	4650	J Q	ug/L
Nonvolatile beta			4.61		3.4	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	<.604	U	ug/L
Trichloroethylene	262	J K	132	J K	160		ug/L
cis-1,2-Dichloroethylene	.564	J I	<.432	U	1.26		ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TRW 4

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71454.1	33.212 Deg N	111.4 - 81.4 ft msl	151.3 ft msl	150.9 ft msl	6" PVC	S	Unconfined
E 17145.0	81.760 Deg W						

SAMPLE DATE	04/22/99	05/17/99	06/01/99
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FIELD DATA

Analyte				Unit
Depth to water	64.4	64.49	62.92	ft BTOS
pH	4.8	5.4	5.5	
Sp. Conductance	84	85	87	uS/cm
Water temperature	22.1	21.6	21.8	deg. C
Alkalinity as CaCO3	6	5	11	mg/L
Phenolphthalein Alkalinity	0	0	0	mg/L
Turbidity	4.1	.2	.4	NTU
Volumes purged				gallons
Sampling codes	C	C	C	

ANALYTICAL DATA

Analyte		Mod		Mod		Mod	Unit
1,1,1-Trichloroethane	<427	U	<43	U	<43	U	ug/L
Aluminum, total recoverable	<71.3	U	<14.6	U V	<71	U	ug/L
Boron, total recoverable	10.1	J I	<7.07	U	11	J I	ug/L
Carbon tetrachloride	<389	U	3.1		3.2	J K	ug/L
Chloroform	<4	U	<4	U	<4	U	ug/L
Gross alpha	2.19	J I	2.95		3.58		pCi/L
Iron, total recoverable	867		73.7	J I	33	J I	ug/L
Lead, total recoverable	<3.57	U	<3.57	U	<3.6	U	ug/L
Manganese, total recoverable	17.5		17.2		17		ug/L
Mercury, total recoverable	<179	U	<.071	U	<.179	U	ug/L
Nitrate as nitrogen	4630	J Q	4750	J Q	4600	J Q	ug/L
Nonvolatile beta	3.45	J I	2.72		<1.94	U	pCi/L
Tetrachloroethylene	<604	U	<.6	U	<.6	U	ug/L
Trichloroethylene	210	J L	230		240	J K	ug/L
cis-1,2-Dichloroethylene	1.47	J K	1.1		.97	J IL	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

Table B3. Groundwater Monitoring Results for Secondary Wells

WELL: P 26B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71996.2	33.214 Deg N	82.4 - 71.9 ft msl	154.5 ft msl	154.1 ft msl	4" PVC	S	Unconfined
E 18050.9	81.759 Deg W						

SAMPLE DATE	02/03/99	05/04/99
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FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	45.85	46.75	ft BTOS
pH	5.1	5.8	
Sp. Conductance	69	66	uS/cm
Water temperature	19.5	20.2	deg. C
Alkalinity as CaCO3	23	20	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	1.8	2	NTU
Volumes purged	126	60	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.135	U	ug/L
Aluminum, total recoverable	<71	U	183		ug/L
Barium, total recoverable			15		ug/L
Boron, total recoverable	<7.07	U	8.9	J I	ug/L
Carbon tetrachloride	<.389	U	<.154	U	ug/L
Chloroform	<.4	U	<.075	U	ug/L
Gross alpha	1.73	J I	.764	J I	pCi/L
Iron, total recoverable	53.2	J I	299		ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	5.72	J I	20.7		ug/L
Mercury, total recoverable	<.179	U	<.071	U	ug/L
Nitrate as nitrogen	483	J Q	483	J Q	ug/L
Nonvolatile beta	<1.73	U	<1.39	U	pCi/L
Tetrachloroethylene	<.604	U	<.229	U	ug/L
Trichloroethylene	<.501	U	<.075	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.119	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A: Units are for all quarters.

WELL: P 26D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71969.3	33.214 Deg N	121.9 - 101.8 ft msl	154.5 ft msl	153.9 ft msl	4" PVC	S	Unconfined
E 18041.6	81.759 Deg W						

SAMPLE DATE	02/08/99	05/04/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	36.75	37.45	ft BTOS
pH	5.7	5.7	
Sp. Conductance	34	33	uS/cm
Water temperature	19.2	20.4	deg. C
Alkalinity as CaCO ₃	7	15	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.8	.3	NTU
Volumes purged	30	30	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			12		ug/L
Boron, total recoverable	<7.07	U	7.2	J I	ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	<1.09	U	<1.16	U	pCi/L
Iron, total recoverable	<4.01	U V	<4.01	U V	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	<.94	U	<.94	U	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	*478	J Q	542	J Q	ug/L
Nonvolatile beta	<6.74	U	<1.98	U	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	<.501	U	<.5	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters. * Sample taken on 02/16/99.

WELL: TBG 7

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71298.5	33.212 Deg N	104.7 - 84.7 ft msl	146.9 ft msl	146.8 ft msl	4" PVC	S	Unconfined
E 17548.1	81.759 Deg W						

<u>SAMPLE DATE</u>	<u>02/02/99</u>	<u>05/05/99</u>

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	43.6	44.25	ft BTOS
pH	5.2	5.7	
Sp. Conductance	44	46	uS/cm
Water temperature	22	22.4	deg. C
Alkalinity as CaCO3	5	7	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.8	.5	NTU
Volumes purged	49	49	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Boron, total recoverable	<7.07	U	12.7	J I	ug/L
Iron, total recoverable	50.3	J I	121	J I	ug/L
Lead, total recoverable	<40	U V	<3.6	U	ug/L
Manganese, total recoverable	<.94	U	1.72	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 5D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 70995.3	33.211 Deg N	108.5 - 88.5 ft msl	149.5 ft msl	149.3 ft msl	4" PVC	S	Unconfined
E 17363.7	81.759 Deg W						

SAMPLE DATE

02/03/99

05/04/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	47.2	47.62	ft BTOS
pH	5.7	5.1	
Sp. Conductance	88	98	uS/cm
Water temperature	18.3	21.2	deg. C
Alkalinity as CaCO3	1	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	8.3	4.8	NTU
Volumes purged	7	6	gallons
Sampling codes	NX	X	

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Aluminum, total recoverable	<71	U	210		ug/L
Barium, total recoverable			31		ug/L
Boron, total recoverable	434		360		ug/L
Iron, total recoverable	85.8	J I	520		ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	5.76	J I	13		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 6D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 70717.6	33.211 Deg N	109.8 - 89.8 ft msl	150.7 ft msl	150.5 ft msl	4" PVC	S	Unconfined
E 17428.7	81.758 Deg W						

<u>SAMPLE DATE</u>	<u>02/03/99</u>	<u>05/04/99</u>

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	47.29	47.92	ft BTOS
pH	5.6	5.5	
Sp. Conductance	140	160	uS/cm
Water temperature	18.2	22	deg. C
Alkalinity as CaCO3	9	11	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	6.5	9.1	NTU
Volumes purged	9	4	gallons
Sampling codes	NX	X	

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			15		ug/L
Boron, total recoverable	513		930		ug/L
Iron, total recoverable	343		220		ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	36.7		6.6	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: YSB 1A

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71162.2	33.212 Deg N	128.4 - 98.4 ft msl	145.9 ft msl	145.5 ft msl	4" PVC	S	Unconfined
E 17808.8	81.758 Deg W						

SAMPLE DATE

02/03/99

05/05/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	44.41	26.8	ft BTOS
pH	5.6	5.7	
Sp. Conductance	30	32	uS/cm
Water temperature	21.4	20.5	deg. C
Alkalinity as CaCO ₃	2	4	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	2.9	.9	NTU
Volumes purged	65	50	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Boron, total recoverable	12.2	J I	7.36	J I	ug/L
Iron, total recoverable	125	J I	69	J I	ug/L
Lead, total recoverable	<40	U	<3.6	U	ug/L
Manganese, total recoverable	1.69	J I	1.29	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: YSB 2A

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71010.0	33.212 Deg N	127.7 - 97.7 ft msl	144.8 ft msl	144.7 ft msl	4" PVC	S	Unconfined
E 17850.2	81.758 Deg W						

<u>SAMPLE DATE</u>	<u>02/03/99</u>	<u>05/05/99</u>

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	45.03	25.5	ft BTOS
pH	5.6	5.7	
Sp. Conductance	31	33	uS/cm
Water temperature	19.5	19.7	deg. C
Alkalinity as CaCO3	8	4	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	6.4	.8	NTU
Volumes purged	32	52	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Boron, total recoverable	53.7	J I	47.7	J I	ug/L
Iron, total recoverable	120	J I	113	J I	ug/L
Lead, total recoverable	<47.3	JU	<3.6	U	ug/L
Manganese, total recoverable	2.89	J I	1.61	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: YSB 3A

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 70859.0 E 17755.2	33.211 Deg N 81.758 Deg W	126.7 - 96.7 ft msl	144.2 ft msl	143.9 ft msl	4" PVC	S	Unconfined

SAMPLE DATE 02/03/99 05/05/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	26.11	26.11	ft BTOS
pH	6.6	6.2	
Sp. Conductance	60	82	uS/cm
Water temperature	19.3	20.8	deg. C
Alkalinity as CaCO3	16	22	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	12	14.8	NTU
Volumes purged	123	60	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Aluminum, total recoverable	112	J I	184	J I	ug/L
Boron, total recoverable	315		1030		ug/L
Iron, total recoverable	221		94.4	J I	ug/L
Lead, total recoverable	<40	U	<3.6	U	ug/L
Manganese, total recoverable	9.38	J I	2.06	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: YSB 4A

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71020.7	33.212 Deg N	127.6 - 97.6 ft msl	144.8 ft msl	144.6 ft msl	4" PVC	S	Unconfined
E 17739.8	81.758 Deg W						

SAMPLE DATE	02/03/99	05/05/99
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FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	45.4	26.36	ft BTOS
pH	5.6	5.6	
Sp. Conductance	42	44	uS/cm
Water temperature	19.2	21.8	deg. C
Alkalinity as CaCO3	9	5	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	13.5	4.3	NTU
Volumes purged	122	61	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Aluminum, total recoverable	210		212		ug/L
Boron, total recoverable	120		129		ug/L
Iron, total recoverable	570		835		ug/L
Lead, total recoverable	<40	U	<3.6	U	ug/L
Manganese, total recoverable	5.84	J I	5.68	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

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Table B4. Groundwater Monitoring Results for Other TNX Area Wells

WELL: TCM 1

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71151.7	33.210 Deg N	71.4 - 68.9 ft msl	ft msl	99.2 ft msl	2" PVC		Unconfined
E 16199.4	81.762 Deg W						

SAMPLE DATE	02/02/99	05/04/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	5.53	7.02	ft BTOC
pH	4.2	5	
Sp. Conductance	62	64	uS/cm
Water temperature	19.1	20.3	deg. C
Alkalinity as CaCO3	1	1	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.5	1.4	NTU
Volumes purged	17	13	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			31		ug/L
Boron, total recoverable	106		130		ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	1.15	J IK	<1.07	U	pCi/L
Iron, total recoverable	582		860		ug/L
Lead, total recoverable	<40	U V	<3.57	U	ug/L
Manganese, total recoverable	34.2		27		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	<11.7	JU Q	<11.7	JU Q	ug/L
Nonvolatile beta	<1.61	U	2.36	J I	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	6.91	J K	<.5	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TCM 2

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71142.4	33.210 Deg N	94.0 - 74.0 ft msl	ft msl	99.0 ft msl	4" PVC		Unconfined
E 16199.7	81.762 Deg W						

SAMPLE DATE	02/08/99	05/06/99
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FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	5.42	6.18	ft BTOC
pH	4.7	5.1	
Sp. Conductance	170	150	uS/cm
Water temperature	18.4	20	deg. C
Alkalinity as CaCO3	1	5	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.7	7.4	NTU
Volumes purged	37	25	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	102	J I	170	J I	ug/L
Boron, total recoverable	310		324		ug/L
Carbon tetrachloride	6.5	J K	<.39	U	ug/L
Chloroform	3.07	J K	1.4	J K	ug/L
Gross alpha	9.01		13.28		pCi/L
Iron, total recoverable	<4.01	U V	81.7	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	73.7		62.1		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	10500	J Q	9320	J Q	ug/L
Nonvolatile beta	8.26		12.22		pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	92.9	J K	58	J K	ug/L
cis-1,2-Dichloroethylene	8.64	J K	3.7	J K	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TCM 3

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71134.9	33.209 Deg N	85.9 - 83.4 ft msl	ft msl	99.4 ft msl	2" PVC		Unconfined
E 16201.7	81.762 Deg W						

SAMPLE DATE	02/08/99	05/06/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	5.82	6.55	ft BTOC
pH	5.3	5.5	
Sp. Conductance	210	200	uS/cm
Water temperature	18.4	20.2	deg. C
Alkalinity as CaCO3	6	29	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	18	48	NTU
Volumes purged	10	20	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	2440		752		ug/L
Boron, total recoverable	357		310		ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	1.73	J K	<.4	U	ug/L
Gross alpha	23.9		53.55		pCi/L
Iron, total recoverable	411		245		ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	83.7		65		ug/L
Mercury, total recoverable	<.179	U	.26	J I	ug/L
Nitrate as nitrogen	7100	J Q	4750	J Q	ug/L
Nonvolatile beta	22		42.89		pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	56.4	J K	41	J K	ug/L
cis-1,2-Dichloroethylene	2.18	J K	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TIR 1L

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71019.1	33.209 Deg N	67.4 - 65.4 ft msl	ft msl	101.7 ft msl	2" PVC		Unconfined
E 16169.3	81.762 Deg W						

SAMPLE DATE 02/02/99 05/03/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	8.06	9.52	ft BTOC
pH	4.8	4.8	
Sp. Conductance	130	120	uS/cm
Water temperature	18.7	19.1	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.4	.3	NTU
Volumes purged	10	11	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			27.9		ug/L
Boron, total recoverable	841		818		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	.81	J IK	<1.13	U	pCi/L
Iron, total recoverable	283		165	J I	ug/L
Lead, total recoverable	<47.3	JU	<3.57	U	ug/L
Manganese, total recoverable	33.3		74.6		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	99.1	J IQ	167	J Q	ug/L
Nonvolatile beta	1.96	J I	<1.61	U	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	2.31	J K	2.46	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TIR 1M

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71024.1	33.209 Deg N	86.1 - 84.1 ft msl	ft msl	101.7 ft msl	2" PVC		Unconfined
E 16170.1	81.762 Deg W						

SAMPLE DATE	02/02/99	05/03/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	8.03	9.19	ft BTOC
pH	4.2	4.8	
Sp. Conductance	82	80	uS/cm
Water temperature	18.5	19.6	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.3	.4	NTU
Volumes purged	6	4	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			13.8		ug/L
Boron, total recoverable	598		662		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	.69	J. I	<.4	U	ug/L
Gross alpha	<1.15	U	<.97	U	pCi/L
Iron, total recoverable	<4.01	U V	10.8	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	40.1		47.1		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	2950	J Q	3080	J Q	ug/L
Nonvolatile beta	<1.64	U	1.85	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	15.1	J K	7.67	J K	ug/L
cis-1,2-Dichloroethylene	1.7		<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TIR 1U

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71029.0	33.209 Deg N	91.5 - 89.5 ft msl	ft msl	101.6 ft msl	2" PVC		Unconfined
E 16170.9	81.762 Deg W						

<u>SAMPLE DATE</u>	<u>02/05/99</u>	<u>05/07/99</u>

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	8.05	9.04	ft BTOC
pH	6.8	4.1	
Sp. Conductance	90	150	uS/cm
Water temperature	20.5	18.8	deg. C
Alkalinity as CaCO ₃	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	4.8	1.4	NTU
Volumes purged	7	3	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	670		<71.3	U	ug/L
Boron, total recoverable	953		669		ug/L
Carbon tetrachloride	1.78	J K	21	J K	ug/L
Chloroform	.822	J IK	<.4	U	ug/L
Gross alpha	30.1		9.77		pCi/L
Iron, total recoverable	299		73.7	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	106		39.6		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	7190	J Q	6440		ug/L
Nonvolatile beta	46.31		8.15		pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	28.4	J K	160	J K	ug/L
cis-1,2-Dichloroethylene	1.64	J K	34	J K	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TIR 2

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71068.7	33.209 Deg N	85.8 - 83.8 ft msl	ft msl	101.3 ft msl	2" PVC		Unconfined
E 16096.3	81.762 Deg W						

<u>SAMPLE DATE</u>	<u>02/02/99</u>	<u>05/07/99</u>

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	8.35	9.33	ft BTOC
pH	4	4.5	
Sp. Conductance	81	88	uS/cm
Water temperature	17.9	17.6	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.4	.5	NTU
Volumes purged	9	5	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	<71	U	ug/L
Boron, total recoverable	681		660		ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	.528	J I	<.4	U	ug/L
Gross alpha	.97	J IK	<.98	U	pCi/L
Iron, total recoverable	93.6	J I	73	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	43.7		39		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	4000	J Q	3870		ug/L
Nonvolatile beta	1.36	J I	3.79	J I	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	17.5	J K	10	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TIR 3B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71099.1	33.210 Deg N	85.1 - 83.1 ft msl	ft msl	100.6 ft msl	2" PVC		Unconfined
E 16522.9	81.761 Deg W						

SAMPLE DATE

02/05/99

05/07/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	4.87	6	ft BTOC
pH	6.5	4.4	
Sp. Conductance	95	170	uS/cm
Water temperature	19.5	18.6	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	1.8	6.5	NTU
Volumes purged	7	5	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	240		317		ug/L
Boron, total recoverable	50.4	J I	69.4	J I	ug/L
Carbon tetrachloride	2.46	J K	<.39	U	ug/L
Chloroform	1.37	J K	<.4	U	ug/L
Gross alpha	8.27		15.76		pCi/L
Iron, total recoverable	113	J I	34.5	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	72.3		68.1		ug/L
Mercury, total recoverable	2.12		2.72		ug/L
Nitrate as nitrogen	10300	J Q	17600		ug/L
Nonvolatile beta	7.62		12.83		pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	54.3	J K	86	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 9D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 70791.4	33.209 Deg N	95.4 - 75.4 ft msl	101.9 ft msl	101.7 ft msl	4" PVC	S	Unconfined
E 16145.8	81.762 Deg W						

SAMPLE DATE 01/14/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	9.2		ft BTOS
pH	4.6		
Sp. Conductance	140		uS/cm
Water temperature	19		deg. C
Alkalinity as CaCO3	4		mg/L
Phenolphthalein Alkalinity	0		mg/L
Turbidity	1.3		NTU
Volumes purged	38		gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U			ug/L
1,2,4-Trichlorobenzene	<.86	JU L			ug/L
1,3,5-Trinitrobenzene	<1.65	U			ug/L
1,3-Dinitrobenzene	<2.05	U			ug/L
1,4-Naphthoquinone	<1.63	U			ug/L
1-Naphthylamine	<2.94	U			ug/L
2,2-Oxybis(1-chloropropane)	<4.82	JU L			ug/L
2,3,4,6-Tetrachlorophenol	<2.68	U			ug/L
2,4,5-Trichlorophenol	<2.73	U			ug/L
2,4,6-Trichlorophenol	<2.64	U			ug/L
2,4-Dichlorophenol	<2.43	U			ug/L
2,4-Dimethyl phenol	<1.4	U			ug/L
2,4-Dinitrophenol	<4.92	U			ug/L
2,4-Dinitrotoluene	<2.47	JU L			ug/L
2,6-Dichlorophenol	<4.78	U			ug/L
2,6-Dinitrotoluene	<1.67	JU L			ug/L
2-Acetylaminofluorene	<2.9	U			ug/L
2-Chloronaphthalene	<.87	JU L			ug/L
2-Chlorophenol	<2.23	JU L			ug/L
2-Methyl-4,6-dinitrophenol	<3.17	U			ug/L
2-Methylnaphthalene	<1.03	JU L			ug/L
2-Naphthylamine	<3.18	U			ug/L
2-Nitrophenol	<2.99	U			ug/L
2-Picoline	<2.33	U			ug/L
2-sec-Butyl-4,6-dinitrophenol	<3.77	U			ug/L
3,3"-Dichlorobenzidine	<4.38	JU L			ug/L
3,3"-Dimethylbenzidine	<10	U			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 9D
ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
3-Methylcholanthrene	<2.27	U			ug/L
4-Aminobiphenyl	<3.99	U			ug/L
4-Bromophenyl phenyl ether	<.56	JU L			ug/L
4-Chloro-m-cresol	<3.09	U			ug/L
4-Chloroaniline	<2.92	JU L			ug/L
4-Chlorophenyl phenyl ether	<1.99	JU L			ug/L
4-Nitrophenol	<6.03	U			ug/L
4-Nitroquinoline-1-oxide	<15.8	U			ug/L
5-Nitro-o-toluidine	<2.49	U			ug/L
7,12-Dimethylbenz(a)anthracene	<7.39	U			ug/L
Acenaphthene	<1.04	JU L			ug/L
Acenaphthylene	<.77	JU L			ug/L
Acetophenone	<1.36	U			ug/L
Aluminum, total recoverable	71.9	J I			ug/L
Aniline	<1.42	U			ug/L
Anthracene	<1.05	JU L			ug/L
Aramite	<2.77	U			ug/L
Benzo(a)anthracene	<1.04	JU L			ug/L
Benzo(a)pyrene	<1.27	JU L			ug/L
Benzo(b)fluoranthene	<3.14	JU L			ug/L
Benzo(g,h,i)perylene	<.52	JU L			ug/L
Benzo(k)fluoranthene	<3.69	JU L			ug/L
Benzyl alcohol	<2.18	U			ug/L
Bis(2-chloroethoxy) methane	<2.14	JU L			ug/L
Bis(2-chloroethyl) ether	<2.61	JU L			ug/L
Bis(2-ethylhexyl) phthalate	<1.46	JU LV			ug/L
Boron, total recoverable	586				ug/L
Butylbenzyl phthalate	<1.68	JU L			ug/L
Carbon tetrachloride	<.389	U			ug/L
Chlorobenzilate	<4.09	U			ug/L
Chloroform	<.4	U			ug/L
Chrysene	<1.46	JU L			ug/L
Di-n-butyl phthalate	<2.3	JU L			ug/L
Di-n-octyl phthalate	<.89	JU L			ug/L
Diallate	<1.42	U			ug/L
Dibenz(a,h)anthracene	<1.36	JU L			ug/L
Dibenzofuran	<.92	JU L			ug/L
Diethyl phthalate	<.98	JU L			ug/L
Dimethoate	<.51	U			ug/L
Dimethyl phthalate	<1.07	JU L			ug/L
Diphenylamine	<3.6	U			ug/L
Disulfoton	<2.34	U			ug/L
Ethyl methanesulfonate	<2.91	U			ug/L
Fluoranthene	<1.17	JU L			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 9D

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Fluorene	<2.36	JU L			ug/L
Gross alpha	1.66	J I			pCi/L
Hexachlorobenzene	<1.23	JU L			ug/L
Hexachlorobutadiene	<.84	JU L			ug/L
Hexachlorocyclopentadiene	<8.88	JU L			ug/L
Hexachloroethane	<1.95	JU L			ug/L
Indeno(1,2,3-c,d)pyrene	<1.17	JU L			ug/L
Iron, total recoverable	560				ug/L
Isodrin	<3.7	U			ug/L
Isophorone	<1.48	JU L			ug/L
Isosafrole	<1.82	U			ug/L
Kepone	<3.14	U			ug/L
Lead, total recoverable	<40	U			ug/L
Manganese, total recoverable	19.7				ug/L
Mercury, total recoverable	<.179	U			ug/L
Methapyrilene	<2.75	U			ug/L
Methyl methanesulfonate	<2.23	U			ug/L
N-Nitrosodi-n-butylamine	<2.81	U			ug/L
N-Nitrosodiethylamine	<2.67	U			ug/L
N-Nitrosodimethylamine	<7.06	U			ug/L
N-Nitrosodiphenylamine	<1.59	JU L			ug/L
N-Nitrosodipropylamine	<1.34	JU L			ug/L
N-Nitrosomethylethylamine	<2.13	U			ug/L
N-Nitrosomorpholine	<1.27	U			ug/L
N-Nitrosopiperidine	<1.46	U			ug/L
N-Nitrosopyrrolidine	<3.12	U			ug/L
Naphthalene	<1.3	JU L			ug/L
Nitrate as nitrogen	1600	J Q			ug/L
Nitrobenzene	<1.39	JU L			ug/L
O,O,O-Triethyl phosphorothioate	<2.78	U			ug/L
Parathion	<5.31	U			ug/L
Parathion methyl	<1.75	U			ug/L
Pentachloronitrobenzene	<2.91	U			ug/L
Pentachlorophenol	<2.94	U			ug/L
Phenacetin	<3.63	U			ug/L
Phenanthrene	<.66	JU L			ug/L
Phenol	<2.43	U			ug/L
Phorate	<2.34	U			ug/L
Pronamid	<2.29	U			ug/L
Pyrene	<.39	JU L			ug/L
Pyridine	<6.88	U			ug/L
Safrole	<1.55	U			ug/L
Sulfotepp	<3.16	U			ug/L
Tetrachloroethylene	<.604	U			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 9D
ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Thionazin	<1.49	U			ug/L
Total organic halogens	<12	U			ug/L
Trichloroethylene	<.501	U			ug/L
a,a-Dimethylphenethylamine	<2.11	U			ug/L
cis-1,2-Dichloroethylene	<.432	U			ug/L
m-Nitroaniline	<1.62	JU L			ug/L
m/ p-Cresol	<2.15	U			ug/L
o-Cresol (2-Methylphenol)	<1.53	U			ug/L
o-Nitroaniline	<3.11	JU L			ug/L
o-Toluidine	<3.29	U			ug/L
p-Dimethylaminoazobenzene	<4.3	U			ug/L
p-Nitroaniline	<3.58	JU L			ug/L
p-Phenylenediamine	<4.23	U			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 10D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71000.0	33.209 Deg N	97.0 - 77.0 ft msl	102.5 ft msl	102.3 ft msl	4" PVC	S	Unconfined
E 16166.7	81.762 Deg W						

SAMPLE DATE 01/14/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	9.99		ft BTOS
pH	4.5		
Sp. Conductance	100		uS/cm
Water temperature	20		deg. C
Alkalinity as CaCO3	0		mg/L
Phenolphthalein Alkalinity	0		mg/L
Turbidity	13.3		NTU
Volumes purged	59		gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U			ug/L
1,2,4-Trichlorobenzene	<.86	JU L			ug/L
1,3,5-Trinitrobenzene	<1.65	U			ug/L
1,3-Dinitrobenzene	<2.05	U			ug/L
1,4-Naphthoquinone	<1.63	U			ug/L
1-Naphthylamine	<2.94	U			ug/L
2,2-Oxybis(1-chloropropane)	<4.82	JU L			ug/L
2,3,4,6-Tetrachlorophenol	<2.68	U			ug/L
2,4,5-Trichlorophenol	<2.73	U			ug/L
2,4,6-Trichlorophenol	<2.64	U			ug/L
2,4-Dichlorophenol	<2.43	U			ug/L
2,4-Dimethyl phenol	<1.4	U			ug/L
2,4-Dinitrophenol	<4.92	U			ug/L
2,4-Dinitrotoluene	<2.47	JU L			ug/L
2,6-Dichlorophenol	<4.78	U			ug/L
2,6-Dinitrotoluene	<1.67	JU L			ug/L
2-Acetylaminofluorene	<2.9	U			ug/L
2-Chloronaphthalene	<.87	JU L			ug/L
2-Chlorophenol	<2.23	JU L			ug/L
2-Methyl-4,6-dinitrophenol	<3.17	U			ug/L
2-Methylnaphthalene	<1.03	JU L			ug/L
2-Naphthylamine	<3.18	U			ug/L
2-Nitrophenol	<2.99	U			ug/L
2-Picoline	<2.33	U			ug/L
2-sec-Butyl-4,6-dinitrophenol	<3.77	U			ug/L
3,3"-Dichlorobenzidine	<4.38	JU L			ug/L
3,3"-Dimethylbenzidine	<10	U			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 10D
ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
3-Methylcholanthrene	<2.27	U			ug/L
4-Aminobiphenyl	<3.99	U			ug/L
4-Bromophenyl phenyl ether	<.56	JU L			ug/L
4-Chloro-m-cresol	<3.09	U			ug/L
4-Chloroaniline	<2.92	JU L			ug/L
4-Chlorophenyl phenyl ether	<1.99	U			ug/L
4-Nitrophenol	<6.03	U			ug/L
4-Nitroquinoline-1-oxide	<15.8	U			ug/L
5-Nitro-o-toluidine	<2.49	U			ug/L
7,12-Dimethylbenz(a)anthracene	<7.39	U			ug/L
Acenaphthene	<1.04	JU L			ug/L
Acenaphthylene	<.77	JU L			ug/L
Acetophenone	<1.36	U			ug/L
Aluminum, total recoverable	612				ug/L
Aniline	<1.42	U			ug/L
Anthracene	<1.05	JU L			ug/L
Aramid	<2.77	U			ug/L
Benzo(a)anthracene	<1.04	JU L			ug/L
Benzo(a)pyrene	<1.27	JU L			ug/L
Benzo(b)fluoranthene	<3.14	JU L			ug/L
Benzo(g,h,i)perylene	<.52	JU L			ug/L
Benzo(k)fluoranthene	<3.69	JU L			ug/L
Benzyl alcohol	<2.18	U			ug/L
Bis(2-chloroethoxy) methane	<2.14	JU L			ug/L
Bis(2-chloroethyl) ether	<2.61	JU L			ug/L
Bis(2-ethylhexyl) phthalate	<1.46	JU LV			ug/L
Boron, total recoverable	974				ug/L
Butylbenzyl phthalate	<1.68	JU L			ug/L
Carbon tetrachloride	<.389	U			ug/L
Chlorobenzilate	<4.09	U			ug/L
Chloroform	<.4	U			ug/L
Chrysene	<1.46	JU L			ug/L
Di-n-butyl phthalate	<2.3	JU L			ug/L
Di-n-octyl phthalate	<.89	JU L			ug/L
Diallate	<1.42	U			ug/L
Dibenz(a,h)anthracene	<1.36	JU L			ug/L
Dibenzofuran	<.92	JU L			ug/L
Diethyl phthalate	<.98	JU L			ug/L
Dimethoate	<.51	U			ug/L
Dimethyl phthalate	<1.07	JU L			ug/L
Diphenylamine	<3.6	U			ug/L
Disulfoton	<2.34	U			ug/L
Ethyl methanesulfonate	<2.91	U			ug/L
Fluoranthene	<1.17	JU L			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

TNX Area

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WELL: TNX 10D

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Fluorene	<2.36	JU L			ug/L
Gross alpha	.71	J I			pCi/L
Hexachlorobenzene	<1.23	JU L			ug/L
Hexachlorobutadiene	<.84	JU L			ug/L
Hexachlorocyclopentadiene	<8.88	JU L			ug/L
Hexachloroethane	<1.95	JU L			ug/L
Indeno(1,2,3-c,d)pyrene	<1.17	JU L			ug/L
Iron, total recoverable	534				ug/L
Isodrin	<3.7	U			ug/L
Isophorone	<1.48	JU L			ug/L
Isosafrole	<1.82	U			ug/L
Kepone	<3.14	U			ug/L
Lead, total recoverable	<40	U			ug/L
Manganese, total recoverable	44.2				ug/L
Mercury, total recoverable	<.179	U			ug/L
Methapyrilene	<2.75	U			ug/L
Methyl methanesulfonate	<2.23	U			ug/L
N-Nitrosodi-n-butylamine	<2.81	U			ug/L
N-Nitrosodiethylamine	<2.67	U			ug/L
N-Nitrosodimethylamine	<7.06	U			ug/L
N-Nitrosodiphenylamine	<1.59	JU L			ug/L
N-Nitrosodipropylamine	<1.34	JU L			ug/L
N-Nitrosomethylethylamine	<2.13	U			ug/L
N-Nitrosomorpholine	<1.27	U			ug/L
N-Nitrosopiperidine	<1.46	U			ug/L
N-Nitrosopyrrolidine	<3.12	U			ug/L
Naphthalene	<1.3	JU L			ug/L
Nitrate as nitrogen	4500	J Q			ug/L
Nitrobenzene	<1.39	JU L			ug/L
O,O,O-Triethyl phosphorothioate	<2.78	U			ug/L
Parathion	<5.31	U			ug/L
Parathion methyl	<1.75	U			ug/L
Pentachloronitrobenzene	<2.91	U			ug/L
Pentachlorophenol	<2.94	U			ug/L
Phenacetin	<3.63	U			ug/L
Phenanthrene	<.66	JU L			ug/L
Phenol	<2.43	U			ug/L
Phorate	<2.34	U			ug/L
Pronamid	<2.29	U			ug/L
Pyrene	<.39	JU L			ug/L
Pyridine	<6.88	U			ug/L
Safrole	<1.55	U			ug/L
Sulfotepp	<3.16	U			ug/L
Tetrachloroethylene	<.604	U			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 10D
ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Thionazin	<1.49	U			ug/L
Trichloroethylene	24	J K			ug/L
a,a-Dimethylphenethylamine	<2.11	U			ug/L
cis-1,2-Dichloroethylene	<.432	U			ug/L
m-Nitroaniline	<1.62	JU L			ug/L
m/ p-Cresol	<2.15	U			ug/L
o-Cresol (2-Methylphenol)	<1.53	U			ug/L
o-Nitroaniline	<3.11	JU L			ug/L
o-Toluidine	<3.29	U			ug/L
p-Dimethylaminoazobenzene	<4.3	U			ug/L
p-Nitroaniline	<3.58	JU L			ug/L
p-Phenylenediamine	<4.23	U			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 11D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71199.3	33.210 Deg N	93.2 - 73.2 ft msl	100.3 ft msl	99.8 ft msl	4" PVC	S	Unconfined
E 16165.5	81.762 Deg W						

SAMPLE DATE 01/14/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	7.77		ft BTOS
pH	4.2		
Sp. Conductance	45		uS/cm
Water temperature	20.2		deg. C
Alkalinity as CaCO ₃	1		mg/L
Phenolphthalein Alkalinity	0		mg/L
Turbidity	1.4		NTU
Volumes purged	50		gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U			ug/L
1,2,4-Trichlorobenzene	<.86	JU L			ug/L
1,3,5-Trinitrobenzene	<1.65	U			ug/L
1,3-Dinitrobenzene	<2.05	U			ug/L
1,4-Naphthoquinone	<1.63	U			ug/L
1-Naphthylamine	<2.94	U			ug/L
2,2-Oxybis(1-chloropropane)	<4.82	U			ug/L
2,3,4,6-Tetrachlorophenol	<2.68	U			ug/L
2,4,5-Trichlorophenol	<2.73	U			ug/L
2,4,6-Trichlorophenol	<2.64	U			ug/L
2,4-Dichlorophenol	<2.43	U			ug/L
2,4-Dimethyl phenol	<1.4	U			ug/L
2,4-Dinitrophenol	<4.92	U			ug/L
2,4-Dinitrotoluene	<2.47	U			ug/L
2,6-Dichlorophenol	<4.78	U			ug/L
2,6-Dinitrotoluene	<1.67	U			ug/L
2-Acetylaminofluorene	<2.9	U			ug/L
2-Chloronaphthalene	<.87	U			ug/L
2-Chlorophenol	<2.23	JU L			ug/L
2-Methyl-4,6-dinitrophenol	<3.17	U			ug/L
2-Methylnaphthalene	<1.03	U			ug/L
2-Naphthylamine	<3.18	U			ug/L
2-Nitrophenol	<2.99	U			ug/L
2-Picoline	<2.33	U			ug/L
2-sec-Butyl-4,6-dinitrophenol	<3.77	U			ug/L
3,3"-Dichlorobenzidine	<4.38	U			ug/L
3,3"-Dimethylbenzidine	<10	U			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 11D

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
3-Methylcholanthrene	<2.27	U			ug/L
4-Aminobiphenyl	<3.99	U			ug/L
4-Bromophenyl phenyl ether	<.56	U			ug/L
4-Chloro-m-cresol	<3.09	U			ug/L
4-Chloroaniline	<2.92	U			ug/L
4-Chlorophenyl phenyl ether	<1.99	U			ug/L
4-Nitrophenol	<6.03	U			ug/L
4-Nitroquinoline-1-oxide	<15.8	U			ug/L
5-Nitro-o-toluidine	<2.49	U			ug/L
7,12-Dimethylbenz(a)anthracene	<7.39	U			ug/L
Acenaphthene	<1.04	JU L			ug/L
Acenaphthylene	<.77	U			ug/L
Acetophenone	<1.36	U			ug/L
Aluminum, total recoverable	<71	U			ug/L
Aniline	<1.42	U			ug/L
Anthracene	<1.05	U			ug/L
Aramite	<2.77	U			ug/L
Benzo(a)anthracene	<1.04	U			ug/L
Benzo(a)pyrene	<1.27	U			ug/L
Benzo(b)fluoranthene	<3.14	U			ug/L
Benzo(g,h,i)perylene	<.52	U			ug/L
Benzo(k)fluoranthene	<3.69	U			ug/L
Benzyl alcohol	<2.18	U			ug/L
Bis(2-chloroethoxy) methane	<2.14	U			ug/L
Bis(2-chloroethyl) ether	<2.61	U			ug/L
Bis(2-ethylhexyl) phthalate	<1.46	U V			ug/L
Boron, total recoverable	<7.07	U V			ug/L
Butylbenzyl phthalate	<1.68	U			ug/L
Carbon tetrachloride	<.389	U			ug/L
Chlorobenzilate	<4.09	U			ug/L
Chloroform	<.4	U			ug/L
Chrysene	<1.46	U			ug/L
Di-n-butyl phthalate	<2.3	U			ug/L
Di-n-octyl phthalate	<.89	U			ug/L
Diallate	<1.42	U			ug/L
Dibenz(a,h)anthracene	<1.36	U			ug/L
Dibenzofuran	<.92	U			ug/L
Diethyl phthalate	<.98	U			ug/L
Dimethoate	<.51	U			ug/L
Dimethyl phthalate	<1.07	U			ug/L
Diphenylamine	<3.6	U			ug/L
Disulfoton	<2.34	U			ug/L
Ethyl methanesulfonate	<2.91	U			ug/L
Fluoranthene	<1.17	U			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 11D
ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Fluorene	<2.36	U			ug/L
Gross alpha	2.85				pCi/L
Hexachlorobenzene	<1.23	U			ug/L
Hexachlorobutadiene	<.84	U			ug/L
Hexachlorocyclopentadiene	<8.88	U			ug/L
Hexachloroethane	<1.95	U			ug/L
Indeno(1,2,3-c,d)pyrene	<1.17	U			ug/L
Iron, total recoverable	784				ug/L
Isodrin	<3.7	U			ug/L
Isophorone	<1.48	U			ug/L
Isosafrole	<1.82	U			ug/L
Kepone	<3.14	U			ug/L
Lead, total recoverable	<40	U			ug/L
Manganese, total recoverable	16.3				ug/L
Mercury, total recoverable	<.179	U			ug/L
Methapyrilene	<2.75	U			ug/L
Methyl methanesulfonate	<2.23	U			ug/L
N-Nitrosodi-n-butylamine	<2.81	U			ug/L
N-Nitrosodiethylamine	<2.67	U			ug/L
N-Nitrosodimethylamine	<7.06	U			ug/L
N-Nitrosodiphenylamine	<1.59	U			ug/L
N-Nitrosodipropylamine	<1.34	JU L			ug/L
N-Nitrosomethylethylamine	<2.13	U			ug/L
N-Nitrosomorpholine	<1.27	U			ug/L
N-Nitrosopiperidine	<1.46	U			ug/L
N-Nitrosopyrrolidine	<3.12	U			ug/L
Naphthalene	<1.3	U			ug/L
Nitrate as nitrogen	78.5	J IQ			ug/L
Nitrobenzene	<1.39	U			ug/L
O,O,O-Triethyl phosphorothioate	<2.78	U			ug/L
Parathion	<5.31	U			ug/L
Parathion methyl	<1.75	U			ug/L
Pentachloronitrobenzene	<2.91	U			ug/L
Pentachlorophenol	<2.94	U			ug/L
Phenacetin	<3.63	U			ug/L
Phenanthrene	<.66	U			ug/L
Phenol	<2.43	U			ug/L
Phorate	<2.34	U			ug/L
Pronamid	<2.29	U			ug/L
Pyrene	<.39	U			ug/L
Pyridine	<6.88	U			ug/L
Saffrole	<1.55	U			ug/L
Sulfotepp	<3.16	U			ug/L
Tetrachloroethylene	<.604	U			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 11D
ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Thionazin	<1.49	U			ug/L
Trichloroethylene	2.99	J K			ug/L
a,a-Dimethylphenethylamine	<2.11	U			ug/L
cis-1,2-Dichloroethylene	<.432	U			ug/L
m-Nitroaniline	<1.62	U			ug/L
m/ p-Cresol	<2.15	U			ug/L
o-Cresol (2-Methylphenol)	<1.53	U			ug/L
o-Nitroaniline	<3.11	U			ug/L
o-Toluidine	<3.29	U			ug/L
p-Dimethylaminoazobenzene	<4.3	U			ug/L
p-Nitroaniline	<3.58	U			ug/L
p-Phenylenediamine	<4.23	U			ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 13D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 70842.0	33.208 Deg N	89.9 - 87.9 ft msl	ft msl	94.9 ft msl	2" SS		Unconfined
E 15938.8	81.762 Deg W						

SAMPLE DATE	02/02/99	05/03/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	4.79	5.64	ft BTOC
pH	5.6	5.3	
Sp. Conductance	160	140	uS/cm
Water temperature	15.3	17.8	deg. C
Alkalinity as CaCO3	12	5	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.8	.6	NTU
Volumes purged	2	2	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			63.1		ug/L
Boron, total recoverable	446		468		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	<.6	U	<1.21	U	pCi/L
Iron, total recoverable	<4.01	U V	13.4	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	13		17.2		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	4750	J Q	4740	J Q	ug/L
Nonvolatile beta	1.46	J I	6.75		pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	13.2	J K	9.84	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 14D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 70931.8	33.209 Deg N	87.8 - 85.8 ft msl	ft msl	92.8 ft msl	2" SS		Unconfined
E 15971.1	81.762 Deg W						

SAMPLE DATE

02/02/99

05/03/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	2.4	3.35	ft BTOC
pH	5.2	5.2	
Sp. Conductance	99	100	uS/cm
Water temperature	16.2	17.6	deg. C
Alkalinity as CaCO ₃	3	3	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.2	.3	NTU
Volumes purged	3	2	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			13.1		ug/L
Boron, total recoverable	750		716		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	.735	J I	0	R	ug/L
Gross alpha	<1.29	U	<1.06	U	pCi/L
Iron, total recoverable	44.8	J I	56.2	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	13.8		21.5		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	2840	J Q	3270	J Q	ug/L
Nonvolatile beta	3.09	J I	2.46	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	2.84	J K	<.501	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432 _u	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 15D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71021.1	33.209 Deg N	87.9 - 85.9 ft msl	ft msl	93.1 ft msl	2" SS		Unconfined
E 16002.1	81.763 Deg W						

SAMPLE DATE 02/02/99 05/03/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	4.85	5.87	ft BTOC
pH	4.8	4.8	
Sp. Conductance	150	130	uS/cm
Water temperature	15.5	17.9	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.6	1.2	NTU
Volumes purged	2	5	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	376		ug/L
Boron, total recoverable	713		799		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	1.09		0	R	ug/L
Gross alpha	<1.2	U	<1.6	U	pCi/L
Iron, total recoverable	<4.01	U V	207		ug/L
Lead, total recoverable	<40	U V	<3.57	U	ug/L
Manganese, total recoverable	57.3		52.2		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	7690	J Q	6820	J Q	ug/L
Nonvolatile beta	3.83		3.9		pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	40.5	J K	18.6	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 16D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71111.3	33.209 Deg N	88.1 - 86.1 ft msl	ft msl	93.4 ft msl	2" SS		Unconfined
E 16012.2	81.763 Deg W						

SAMPLE DATE

02/03/99

05/03/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	4.85	5.9	ft BTOC
pH	3.9	4.8	
Sp. Conductance	120	150	uS/cm
Water temperature	17.2	18	deg. C
Alkalinity as CaCO3	0	0	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	1.3	.3	NTU
Volumes purged	9	2	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	115	J I	80.6	J I	ug/L
Barium, total recoverable			33.3		ug/L
Boron, total recoverable	809		784		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	1.07		0	R	ug/L
Gross alpha	1.01	J I	<1.12	U	pCi/L
Iron, total recoverable	8.98	J I	6.4	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	47.1		42.3		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	7820	J Q	8510	J Q	ug/L
Nonvolatile beta	6.02		<1.88	U	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	57.6		54.3	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	0	R	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 17D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71583.8	33.210 Deg N	91.7 - 89.7 ft msl	ft msl	96.8 ft msl	2" SS		Unconfined
E 16047.4	81.764 Deg W						

SAMPLE DATE

02/03/99

05/03/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	5.62	6.8	ft BTOC
pH	6.2	5.9	
Sp. Conductance	97	89	uS/cm
Water temperature	15.5	18.5	deg. C
Alkalinity as CaCO3	38	34	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	1.6	1.6	NTU
Volumes purged	5	4	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			26.6		ug/L
Boron, total recoverable	8.01	J I	7.9	J I	ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	.99	J I	<1.14	U	pCi/L
Iron, total recoverable	5010		3020		ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	1560		1700		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	1060	J Q	<11.7	JU Q	ug/L
Nonvolatile beta	2.41	J I	2.35	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	<.501	U	<.501	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 18D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 70748.2	33.208 Deg N	86.9 - 84.9 ft msl	ft msl	92.1 ft msl	2" SS		Unconfined
E 15898.0	81.762 Deg W						

SAMPLE DATE

02/03/99

05/03/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	0	2.48	ft BTOC
pH	5.3	5.5	
Sp. Conductance	95	130	uS/cm
Water temperature	17.5	17	deg. C
Alkalinity as CaCO3	7	10	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	1.2	.4	NTU
Volumes purged	6	2	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			60.7		ug/L
Boron, total recoverable	725		733		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	0	R	ug/L
Gross alpha	<1.44	U	1.02	J I	pCi/L
Iron, total recoverable	12	J I	6.77	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	2.68	J I	3.9	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	3480	J Q	3780	J Q	ug/L
Nonvolatile beta	<1.53	U	2.04	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	1.89	J K	1.6	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 19D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 70626.7	33.208 Deg N	86.9 - 84.9 ft msl	ft msl	92.7 ft msl	2" SS		Unconfined
E 15848.4	81.762 Deg W						

SAMPLE DATE 02/03/99 05/03/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	2.22	3.2	ft BTOC
pH	5.2	5.5	
Sp. Conductance	100	120	uS/cm
Water temperature	18.1	17.7	deg. C
Alkalinity as CaCO3	8	5	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.9	.3	NTU
Volumes purged	4	3	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			61		ug/L
Boron, total recoverable	701		542		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	<1.3	U	<1.26	U	pCi/L
Iron, total recoverable	13	J I	11.1	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	8.4	J I	8.25	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	4050	J Q	3120	J Q	ug/L
Nonvolatile beta	1.51	J I	4.14	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	4.84		5.99	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 20D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 70579.0	33.208 Deg N	88.2 - 86.2 ft msl	ft msl	93.5 ft msl	2" SS		Unconfined
E 15826.1	81.762 Deg W						

SAMPLE DATE	02/03/99	05/03/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	2.81	3.78	ft BTOC
pH	5	5.7	
Sp. Conductance	80	88	uS/cm
Water temperature	16.6	16.5	deg. C
Alkalinity as CaCO3	5	16	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	2.2	.5	NTU
Volumes purged	4	3	gallons
Sampling codes			

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			35.6		ug/L
Boron, total recoverable	324		272		ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	.65	J I	1.39	J I	pCi/L
Iron, total recoverable	148	J I	84	J I	ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	35.3		11.5		ug/L
Mercury, total recoverable	<.179	U	.316	J I	ug/L
Nitrate as nitrogen	2360	J Q	2320	J Q	ug/L
Nonvolatile beta	<1.39	U	4.4	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	3.81		5.01	J K	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 21D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 70446.8	33.207 Deg N	88.9 - 86.9 ft msl	ft msl	94.4 ft msl	2" SS		Unconfined
E 15833.5	81.762 Deg W						

SAMPLE DATE 02/03/99 05/03/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	1.48	2.45	ft BTOC
pH	5.8	5.5	
Sp. Conductance	82	98	uS/cm
Water temperature	16.6	17.5	deg. C
Alkalinity as CaCO3	24	8	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	27.2	23	NTU
Volumes purged	11	9	gallons
Sampling codes	T		

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	1990		1410		ug/L
Barium, total recoverable			64.8		ug/L
Boron, total recoverable	62	J I	68.4	J I	ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	1.78	J I	1.52	J I	pCi/L
Iron, total recoverable	634		1400		ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	64.6		133		ug/L
Mercury, total recoverable	<.179	U	.401	J I	ug/L
Nitrate as nitrogen	<23.4	JU Q	172	J Q	ug/L
Nonvolatile beta	1.98	J I	<1.83	U	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	<.501	U	<.501	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 22D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 70184.7	33.207 Deg N	87.8 - 85.8 ft msl	ft msl	93.0 ft msl	2" SS		Unconfined
E 15757.7	81.762 Deg W						

SAMPLE DATE

02/03/99

05/03/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	3.09	4.2	ft BTOC
pH	5.6	5.6	
Sp. Conductance	52	50	uS/cm
Water temperature	17	16.5	deg. C
Alkalinity as CaCO3	9	10	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.6	6	NTU
Volumes purged	4	3	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Barium, total recoverable			47		ug/L
Boron, total recoverable	54.1	J I	56.3	J I	ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	<1.47	U	<1.12	U	pCi/L
Iron, total recoverable	328		866		ug/L
Lead, total recoverable	<40	U	<3.57	U	ug/L
Manganese, total recoverable	48.3		47.3		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	<23.4	JU Q	<11.7	JU Q	ug/L
Nonvolatile beta	<1.3	U	2.46	J I	pCi/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Trichloroethylene	<.501	U	<.501	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.432,	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 23D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71414.5	33.211 Deg N	104.8 - 84.8 ft msl	155.3 ft msl	155.1 ft msl	2" PVC	V	Unconfined
E 16927.0	81.761 Deg W						

<u>SAMPLE DATE</u>	<u>02/03/99</u>	<u>05/05/99</u>

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	58.36	59.16	ft BTOS
pH	5.1	5.2	
Sp. Conductance	45	38	uS/cm
Water temperature	20.3	21.1	deg. C
Alkalinity as CaCO ₃	2	9	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.9	.2	NTU
Volumes purged	29	40	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
1,1,1-Trichloroethane	<.427	U	<.43	U	ug/L
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Boron, total recoverable	7.63	J I	13.3	J I	ug/L
Carbon tetrachloride	<.389	U	<.39	U	ug/L
Chloroform	<.4	U	<.4	U	ug/L
Gross alpha	2.57		<.55	U	pCi/L
Iron, total recoverable	20.9	J I	<4.01	U	ug/L
Lead, total recoverable	<40	U	<3.6	U	ug/L
Manganese, total recoverable	58.2		51.7		ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L
Nitrate as nitrogen	114	J IQ	113	J Q	ug/L
Nonvolatile beta	<1.72	U	<1.82	U	pCi/L
Tetrachloroethylene	<.604	U	<.6	U	ug/L
Trichloroethylene	<.501	U	<.5	U	ug/L
cis-1,2-Dichloroethylene	<.432	U	<.43	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 24D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 71536.9	33.213 Deg N	114.8 - 99.8 ft msl	143.3 ft msl	142.9 ft msl	2" PVC	V	Unconfined
E 17534.6	81.760 Deg W						

SAMPLE DATE

02/03/99

05/05/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water	34.15	34.57	ft BTOS
pH	4.8	5.1	
Sp. Conductance	110	130	uS/cm
Water temperature	21.8	22.7	deg. C
Alkalinity as CaCO3	10	14	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	.9	.8	NTU
Volumes purged	5	7	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Aluminum, total recoverable	<71	U	<71.3	U	ug/L
Boron, total recoverable	13.3	J I	10.7	J I	ug/L
Iron, total recoverable	49.5	J I	45.8	J I	ug/L
Lead, total recoverable	<40	U	<3.6	U	ug/L
Manganese, total recoverable	5.76	J I	3.74	J I	ug/L
Mercury, total recoverable	<.179	U	<.179	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 26D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 70424.4	33.208 Deg N	90.1 - 87.8 ft msl	ft msl	100.8 ft msl	2" SS		Unconfined
E 16251.0	81.761 Deg W						

SAMPLE DATE	02/05/99	05/03/99
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FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water	6.4	7.8	ft BTOC
pH	6.2	5.8	
Sp. Conductance	73	86	uS/cm
Water temperature	17.5	17.9	deg. C
Alkalinity as CaCO ₃	14	19	mg/L
Phenolphthalein Alkalinity	0	0	mg/L
Turbidity	9.8	10.6	NTU
Volumes purged	4	4	gallons
Sampling codes	NX		

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane	<.427	U	<.427	U	ug/L
Aluminum, total recoverable	1020		382		ug/L
Arsenic, total recoverable	<4	U			ug/L
Barium, total recoverable	34.4		36.6		ug/L
Boron, total recoverable	195		169	J I	ug/L
Cadmium, total recoverable	<.47	U			ug/L
Calcium, total recoverable	3560				ug/L
Carbon tetrachloride	<.389	U	<.389	U	ug/L
Chloride	6990				ug/L
Chloroform	<.4	U	<.4	U	ug/L
Chromium, total recoverable	<.7	U			ug/L
Fluoride	<4	U V			ug/L
Gross alpha	9.4		8.78		pCi/L
Iron, total recoverable	541		637		ug/L
Lead, total recoverable	<.47	U	<.57	U	ug/L
Lithium, total recoverable	<.27	U			ug/L
Magnesium, total recoverable	1040				ug/L
Manganese, total recoverable	97.5		90		ug/L
Mercury, total recoverable	<.045	U	.381	J I	ug/L
Nitrate as nitrogen	321	J Q	53.9	J IQ	ug/L
Nitrate-nitrite as nitrogen	277				ug/L
Nonvolatile beta	7.56		5		pCi/L
Potassium, total recoverable	861				ug/L
Selenium, total recoverable	<6.6	U			ug/L
Silica, total recoverable	10300				ug/L
Silver, total recoverable	<.5	U			ug/L
Sodium, total recoverable	9660				ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 26D
ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Sulfate	6220				ug/L
Tetrachloroethylene	<.604	U	<.604	U	ug/L
Total dissolved solids	61000				ug/L
Total organic carbon	1920				ug/L
Total organic halogens	<12	U			ug/L
Total phosphates (as P)	32.6	J I			ug/L
Trichloroethylene	<.501	U	<.501	U	ug/L
Tritium	1850				pCi/L
cis-1,2-Dichloroethylene	<.432	U	<.432	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 26D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Standpipe</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Screen Zone</u>
N 70424.4	33.208 Deg N	90.1 - 87.8 ft msl	ft msl	100.8 ft msl	2" SS		Unconfined
E 16251.0	81.761 Deg W						

SAMPLE DATE

06/17/99

FIELD DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>2Q1999</u>	<u>Unit</u>
Depth to water		8.28	ft BTOC
pH		5.5	
Sp. Conductance		80	uS/cm
Water temperature		19.4	deg. C
Alkalinity as CaCO3		18	mg/L
Phenolphthalein Alkalinity		0	mg/L
Turbidity		9.8	NTU
Volumes purged		4	gallons
Sampling codes			

ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Aluminum, total recoverable			408	J K	ug/L
Arsenic, total recoverable			<4	U	ug/L
Barium, total recoverable			30.1		ug/L
Boron, total recoverable			139	J I	ug/L
Cadmium, total recoverable			<.47	U	ug/L
Calcium, total recoverable			3030		ug/L
Chloride			7600		ug/L
Chromium, total recoverable			1.7	J I	ug/L
Fluoride			<4	U V	ug/L
Gross alpha			9.04		pCi/L
Iron, total recoverable			522		ug/L
Lead, total recoverable			<4.7	U	ug/L
Lithium, total recoverable			.59	J I	ug/L
Magnesium, total recoverable			924		ug/L
Manganese, total recoverable			75.4		ug/L
Mercury, total recoverable			<.07	U	ug/L
Nitrate-nitrite as nitrogen			11	J I	ug/L
Nonvolatile beta			5.76		pCi/L
Potassium, total recoverable			769		ug/L
Selenium, total recoverable			<6.6	U	ug/L
Silica, total recoverable			11500		ug/L
Silver, total recoverable			<.5	U	ug/L
Sodium, total recoverable			10200		ug/L
Sulfate			4400		ug/L
Total dissolved solids			264000		ug/L
Total organic carbon			1570		ug/L
Total organic halogens			15.7	J I	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 26D
ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Total phosphates (as P)			24.2	J I	ug/L
Tritium			1450		pCi/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 65D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Standpipe	Top of Casing	Casing	Pump	Screen Zone
N 71137.5	33.208 Deg N	80.7 - 78.2 ft msl	ft msl	97.3 ft msl	2" PVC		Unconfined
E 15545.1	81.764 Deg W						

SAMPLE DATE

06/29/99

FIELD DATA

Analyte	1Q1999	2Q1999	Unit
Depth to water		14.57	ft BTOC
pH		5.9	
Sp. Conductance		129	uS/cm
Water temperature		26.5	deg. C
Alkalinity as CaCO3		20	mg/L
Phenolphthalein Alkalinity		0	mg/L
Turbidity		80.6	NTU
Volumes purged		1	gallons
Sampling codes		X	

ANALYTICAL DATA

Analyte	1Q1999	Mod	2Q1999	Mod	Unit
1,1,1-Trichloroethane			<.39	U	ug/L
1,1,2,2-Tetrachloroethane			<.72	U	ug/L
1,1,2-Trichloroethane			<.49	U	ug/L
1,1-Dichloroethane			<.35	U	ug/L
1,1-Dichloroethylene			<.59	U	ug/L
1,2-Dichloroethane			<.39	U	ug/L
1,2-Dichloroethylene			<.61	U	ug/L
1,2-Dichloropropane			<.56	U	ug/L
2-Hexanone			<1.53	U	ug/L
Acetone			<3.17	U V	ug/L
Benzene			<.44	U	ug/L
Bromodichloromethane			<.47	U	ug/L
Bromoform			<.59	U	ug/L
Bromomethane (Methyl bromide)			<.93	U	ug/L
Carbon disulfide			<.57	U	ug/L
Carbon tetrachloride			<.44	U	ug/L
Chlorobenzene			<.26	U	ug/L
Chloroethane			<.56	U	ug/L
Chloroethene (Vinyl chloride)			<.7	U	ug/L
Chloroform			<.5	U	ug/L
Chloromethane (Methyl chloride)			<.78	U	ug/L
Dibromochloromethane			<.33	U	ug/L
Dichloromethane (Methylene chloride)			<.59	U V	ug/L
Ethylbenzene			<.25	U	ug/L
Methyl ethyl ketone			<1.75	U	ug/L
Methyl isobutyl ketone			<2.22	U	ug/L
Styrene			<.27	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

WELL: TNX 65D
ANALYTICAL DATA

<u>Analyte</u>	<u>1Q1999</u>	<u>Mod</u>	<u>2Q1999</u>	<u>Mod</u>	<u>Unit</u>
Tetrachloroethylene			<.42	U	ug/L
Toluene			.33	J I	ug/L
Trichloroethylene			<.6	U	ug/L
Vinyl acetate			<.44	U	ug/L
Xylenes			<.52	U	ug/L
cis-1,2-Dichloroethylene			<.55	U	ug/L
cis-1,3-Dichloropropene			<.54	U	ug/L
trans-1,2-Dichloroethylene			<.61	U	ug/L
trans-1,3-Dichloropropene			<.56	U	ug/L

Note: Concentrations in bold exceed the Regulatory Limit in Appendix A. Units are for all quarters.

TABLE B5. Monthly Water Elevations of Wells for First Half of 1999.

Wells	1/13/99 (ft msl)	2/10/99 (ft msl)	3/16/99 (ft msl)	4/27/99 (ft msl)	5/18/99 (ft msl)	6/21/99 (ft msl)
P 26A	37.43	36.06	36.52	37.03	37.67	38.15
P 26B	45.95	45.88	46.06	46.52	47.07	47.72
P 26D	36.16	36.76	36.86	37.29	37.61	37.74
TBG 1	54.24	53.55	53.49	56.36	54.79	54.84
TBG 3	50.86	50.66	50.69	51.88	52.22	51.21
TBG 4	capped	50.05	50.08	50.86	50.93	52.86
TBG 5A	49.64	49.25	49.03	49.83	50.26	50.58
TBG 5B	37.97	36.66	37.03	37.69	38.18	38.68
TBG 5D	48.68	48.52	48.28	49.15	49.55	49.95
TBG 6	47.69	47.49	47.37	49.03	49.66	50.18
TBG 7	43.65	43.56	43.46	44.14	44.52	45.25
TCM 1	6.94	5.69	6.01	7.17	7.32	7.21
TCM 2	6.08	5.45	5.52	6.31	6.62	6.29
TCM 3	6.45	5.82	5.89	6.79	7.02	6.66
TCM 4	7.13	6.52	6.61	7.61	7.57	7.29
TCM 5	7.29	6.57	6.69	7.87	7.58	7.38
TCM 6	7.69	7.01	7.09	7.88	7.98	7.81
TCM 7	7.46	6.73	6.82	7.61	7.79	7.66
TCM 8	7.49	6.87	6.94	7.59	7.77	7.61
TGSC 1	5.69	5.01	5.11	8.42	6.06	5.85
TGSC 2	5.95	5.25	5.34	6.09	6.32	6.14
TIR 1L	9.46	8.29	8.58	9.61	9.82	9.66
TIR 1M	9.09	8.36	8.48	9.26	9.48	9.25
TIR 1U	9.03	8.29	8.38	9.12	9.36	9.18
TIR 2	9.28	8.66	8.78	9.37	9.59	9.45
TIR 3B	5.89	5.05	5.05	6.16	6.38	6.06
TNX 1D	59.75	58.94	59.03	59.93	60.25	60.69
TNX 2D	59.01	58.28	58.12	59.03	59.45	59.75
TNX 3D	58.18	57.57	57.27	58.24	58.69	58.82
TNX 4D	49.59	49.43	49.25	50.06	50.49	50.97
TNX 5D	47.09	47.17	46.76	47.57	47.97	48.48
TNX 6D	47.42	47.23	47.11	47.86	48.18	48.86
TNX 7D	52.76	51.91	52.16	52.88	53.28	53.83
TNX 8D	7.64	6.74	6.89	7.67	7.93	7.91
TNX 9D	9.16	8.36	8.54	9.24	9.52	9.42
TNX BD	11.44	8.35	7.66	11.33	12.29	12.48
TNX 10D	10.01	9.24	9.38	9.99	10.39	10.1
TNX 11D	7.89	7.01	7.11	8.04	8.14	7.98
TNX 12D	5.65	4.99	5.13	5.88	6.18	6.03
TNX 13D	5.49	5.05	5.02	5.82	5.55	5.88
TNX 14D	3.13	10.75	2.72	3.22	3.28	3.49
TNX 15D	5.86	6.2	5.25	6.09	6.01	5.81
TNX 16D	5.35	6.38	4.96	5.41	5.78	5.66

Wells	1/13/99 (ft msl)	2/10/99 (ft msl)	3/16/99 (ft msl)	4/27/99 (ft msl)	5/18/99 (ft msl)	6/21/99 (ft msl)
TNX 17D	6.46	6.06	6.03	6.73	6.85	6.69
TNX 18D	water@tp	water@tp	2.01	2.58	2.72	2.69
TNX 19D	2.76	2.56	2.72	2.97	2.81	2.88
TNX 20D	3.66	3.1	3.19	3.79	3.43	3.46
TNX 21D	2.52	1.7	1.82	2.49	2.72	2.75
TNX 22D	4.12	3.9	3.93	4.21	4.24	4.37
TNX 23D	58.94	58.24	58.06	59.03	59.41	59.55
TNX 24D	34.44	34.22	34.43	34.54	34.74	34.86
TNX 26D	7.73	6.45	6.86	7.79	8.12	8.08
TNX 27D	15.69	14.76	14.69	15.89	16.09	15.88
TNX 28D	8.28	8.45	8.51	8.92	9.01	8.85
TNX 29D	8.88	8.44	8.48	8.93	9.11	8.92
TNX 30D	10.12	9.38	9.5	10.28	10.55	10.34
TNX 31D	10.04	9.25	9.41	10.14	10.42	10.25
TNX 32D	8.34	7.49	7.66	8.39	8.69	8.54
TNX 33D	7.91	7.07	7.24	7.97	8.34	8.14
TNX 34D	7.14	6.21	6.46	7.24	7.59	7.42
TNX 35D	6.96	5.95	6.21	6.96	7.31	7.19
TNX 36D	6.88	5.81	6.11	6.88	7.27	7.18
TNX 37D	7.44	6.32	6.66	7.48	7.84	7.73
TNX 38D	2.11	2.72	2.88	4.74	5.05	2.81
TNX 39D	3.09	5.17	5.79	6.42	6.76	5.69
TNX 40D	3.21	10.05	10.65	16.36	16.35	8.58
TNX 61D	8.56	dnm	dnm	8.72	dnm	dnm
TNX 61M	7.79	dnm	dnm	8.54	dnm	dnm
TNX 61S	7.59	dnm	dnm	8.28	dnm	dnm
TNX 65D	13.43	dnm	dnm	13.56	dnm	dnm
TNX 65M	11.59	dnm	dnm	11.55	dnm	dnm
TNX 65S	10.88	dnm	dnm	10.95	dnm	dnm
TNX 66D	10.66	dnm	dnm	10.28	dnm	dnm
TNX 66M	9.19	dnm	dnm	9.93	dnm	dnm
TNX 66S	8.58	dnm	dnm	8.38	dnm	dnm
TNX 72D	10.62	dnm	dnm	10.02	dnm	dnm
TNX 72M	9.09	dnm	dnm	9.48	dnm	dnm
TNX 72S	8.18	dnm	dnm	8.09	dnm	dnm
TRW 1	68.24	67.07	66.16	67.87	68.6	69.76
TRW 2	64.9	63.81	63.19	64.69	65.34	66.18
TRW 3	dry	dry	dry	dry	dry	59.09
TRW 4	54.06	61.05	61.69	64.76	64.49	54.72
XSB 1A	60.82	60.08	59.75	60.92	61.09	61.21
XSB 1B	55.81	54.08	55.05	55.79	56.41	56.28
XSB 1D	60.77	60.06	59.69	60.92	61.19	61.49
XSB 2D	59.61	58.81	58.51	59.59	60.02	60.06
XSB 3A	dry	59.57	59.23	60.24	dry	60.01
XSB 3T	capped	capped	capped	capped	capped	capped

Wells	1/13/99 (ft msl)	2/10/99 (ft msl)	3/16/99 (ft msl)	4/27/99 (ft msl)	5/18/99 (ft msl)	6/21/99 (ft msl)
XSB 4D	59.39	58.61	58.36	59.39	59.75	59.91
XSB 5A	16.74	15.91	15.88	17.05	17.27	17.27
YSB 1A	27.17	27.35	26.85	27.13	27.59	28.34
YSB 2A	25.52	25.25	25.12	25.23	25.79	26.24
YSB 3A	25.82	25.15	25.27	25.55	25.89	26.43
YSB 4A	26.83	26.65	26.48	25.65	27.17	27.59

Notes:

Capped
DNM
Dry

Well Was capped
did not measure
Well was Dry

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