

Ground-Water-Quality Data for the Land Application of Sewage Sludge at a Site Near Denver, Colorado, 1988-93

by Kenneth J. Lull and Neville G. Gaggiani

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PLATE

(Plate is in pocket)

1. Map showing geology, locations of ground-water-sampling sites, and locations and quantities of sewage-sludge disposal at and near a sewage-sludge-disposal site near Denver, Colorado, 1988–93

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
acre	0.4047	hectare
foot (ft)	0.3048	meter
inch (in.)	25.4	millimeter
mile (mi)	1.609	kilometer
ton, short	0.9072	megagram

Degree Celsius (°C) may be converted to degree Fahrenheit (°F) by using the following equation:

$$^{\circ}\text{F} = 9/5 (^{\circ}\text{C}) + 32.$$

The following terms and abbreviations also are included in this report:

micrometer (µm)
 milligram per liter (mg/L)
 milliliter (mL)

National Geodetic Vertical Datum of 1929 (NGVD of 1929): A Geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called “Mean Sea Level.”

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Abstract

In 1984, the U.S. Geological Survey entered into a cooperative agreement with the Metro Wastewater Reclamation District to assess the effects of land application of sewage sludge at the Lowry sewage-sludge-disposal site east of Denver, Colorado. Although the initial interpretive study was completed in 1990, overall data collection continued to August 1993. Water-quality and water-level data from February 1988 to August 1993 are presented in this report for 36 wells at the Lowry sewage-sludge-disposal site and adjacent area. Data include field measurements of water temperature, specific conductance, and pH and laboratory analytical results for selected nutrients, major cations and anions, dissolved solids, trace metals, and bacteria.

INTRODUCTION

From 1969 to 1986, the Metro Wastewater Reclamation District (MWRD) disposed of about 233,000 dry tons of municipal sewage sludge by incorporation into soil on the Lowry sewage-sludge-disposal site and adjacent area (Gaggiani, 1991) near Denver, Colorado. In June 1983, concentrations of dissolved nitrate as nitrogen in samples collected from seven observation wells completed in the alluvial aquifer underlying the site exceeded the drinking-water standard of 10 mg/L (Gaggiani, 1991) recommended by the U.S. Environmental Protection Agency (1986). As a result, in 1984, the MWRD entered into a cooperative agreement with the U.S. Geological Survey to study the temporal and areal variability in ground-water quality due to previous sludge applications. Interpretive results of the study were reported by Gaggiani (1991). Although the interpretive part of the study was concluded in 1990, overall data collection continued to August 1993.

Purpose and Scope

This report presents ground-water-quality and water-level data for 36 wells at the Lowry sewage-sludge-disposal site and adjacent area from February 1988 to August 1993. Water temperature, specific conductance, and pH commonly were measured in the field prior to well sampling and are included in the data tables when available. Concentrations of nutrients, including nitrogen, phosphorus (ortho), major cations and anions, dissolved solids, and selected trace metals are included in the report. Concentrations of fecal coliform and fecal streptococci bacteria are presented for most wells. Samples were collected periodically from all existing wells in the study site and annually from wells inside and outside the study site if the wells contained adequate water volumes for sampling (>2,000 mL).

Location and Description of Study Site and Area

The study site is located about 15 mi east-southeast of Denver (fig. 1). The site consists of about 1,280 acres of mostly prairie grass and some interspersed brush and cottonwood trees. Senac Creek, an ephemeral stream, flows from the south to the north through the center of the study site and serves as the major drainage for any surface-water runoff from the sewage-sludge-disposal site (pl. 1). About 1.5 mi north of the primary application area, Senac Creek flows into Coal Creek. Coal Creek is an intermittent stream but can flow continuously during years of greater than normal precipitation. Both stream channels consist of undifferentiated bed materials, predominately sand and gravel.

Alluvial deposits consist of poorly to well-sorted, undifferentiated clay, sand, and gravel of Pleistocene and Holocene age and are present at the bottom of the valleys and washes. These deposits, which have a maximum measured thickness of 33 ft (Gaggiani, 1991) at wells 11 and 14 (pl. 1), contain the alluvial-aquifer system in the study site. This system consists

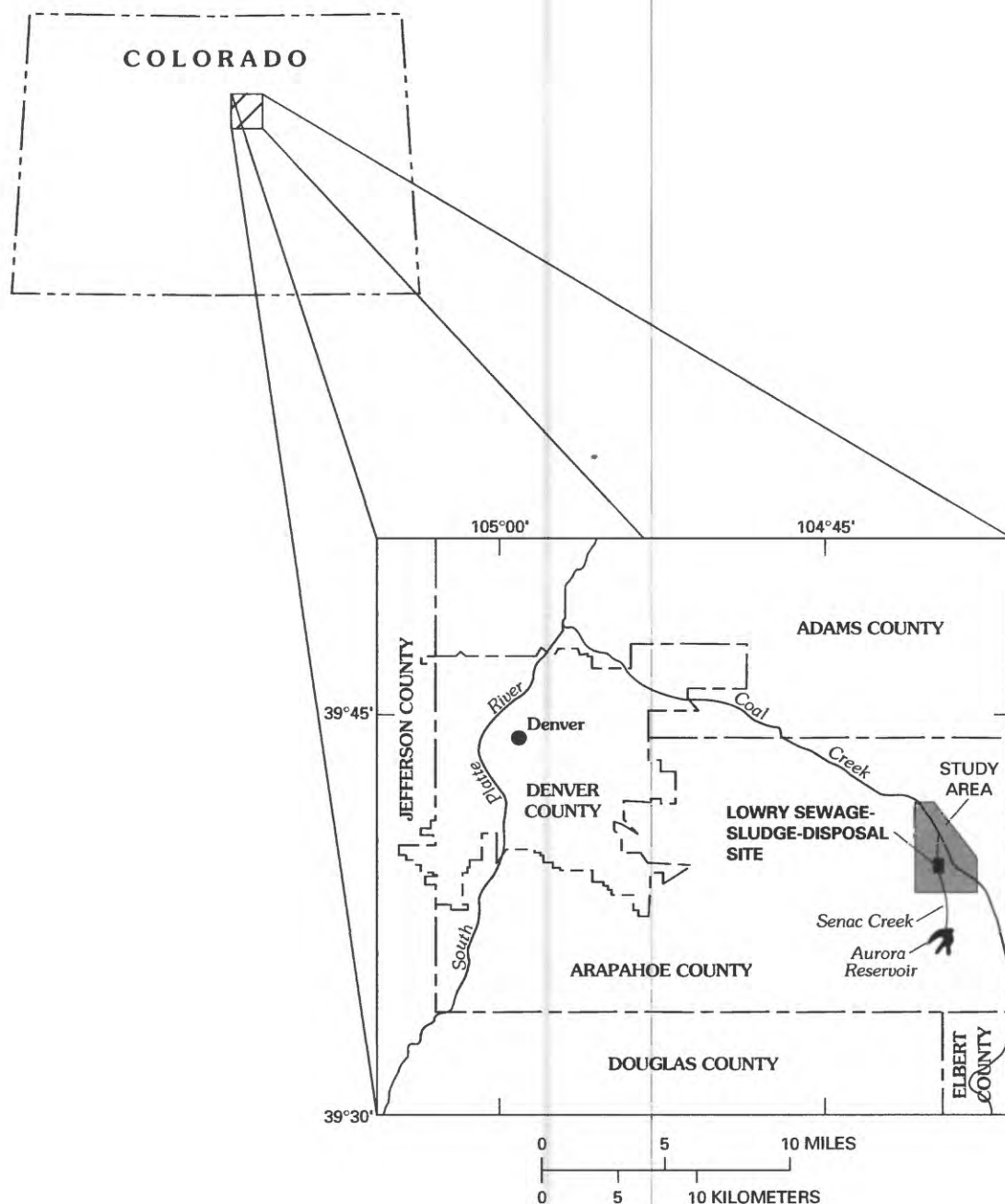


Figure 1. Location of study site and area.

of alluvial aquifers in the Senac Creek Valley, the Coal Creek Valley, and the various smaller tributary valleys and hillside swales, all of which generally are hydraulically connected (Gaggiani, 1991).

The bedrock aquifer, which underlies the alluvial aquifer in the study site, consists mostly of mudstone and scattered sandstone lenses. Observation wells penetrate to a maximum of 113 ft in the bedrock aquifer, and most of the water is obtained from the sandstone lenses. A detailed description of the study site including land use, climate, geohydrology, and soils is contained in Gaggiani (1991).

METHODS OF INVESTIGATION

Ground-Water Sampling

The ground-water-sampling network consisted of 36 wells (pl. 1, table 1). Thirty wells were completed in alluvial deposits, and six wells were completed in bedrock. All of the wells, except the stock well (well 8), which was used as a water supply for cattle, were drilled by the U.S. Geological Survey for

Table 1. Ground-water-sampling sites at and near the Lowry sewage-sludge-disposal site

[A, alluvial aquifer; B, bedrock aquifer; altitude, in feet above National Geodetic Vertical Datum of 1929; wells are listed in downstream order. All wells were installed by the U.S. Geological Survey for observation purposes, unless otherwise noted]

Well number (see pl. 1)	Local well number (see fig. 2)	Well depth (feet)	Aquifer type	Year drilled	Altitude of land surface
ALLUVIAL AQUIFER IN SENAC CREEK VALLEY					
1	SC00506509DDD1	11.0	A	1974	5,794
2	SC00506509ACD2	15.4	A	1983	5,781
3	SC00506509CAC1	25.2	A	1981	5,810
4	SC00506509BDA1	22.2	A	1981	5,764
5	SC00506509BAA	24.0	A	1974	5,753
6	SC00506509BAA2	31.1	A	1989	5,750
7	SC00506504CAD1	18.2	A	1981	5,745
8	SC00506504CAC	29.0	A	before 1974	5,746
9	SC00506504CAC2	18.3	A	1981	5,738
10	SC00506504CAB1	18.0	A	1975	5,734
11	SC00506504BDB	33.0	A	1974	5,725
12	SC00506504BAC2	19.3	A	1983	5,728
13	SC00506504BBC1	19.6	A	1981	5,730
14	SC00506504BBB1	33.0	A	1981	5,713
15	SC00506504BBA	23.0	A	1989	5,715
16	SC00406533CCD	19.5	A	1989	5,710
17	SC00406533CCC1	20.5	A	1984	5,708
18	SC00406533CBC2	26.5	A	1989	5,700
19	SC00406533BAB1	28.0	A	1975	5,670
20	SC00406533BAB3	23.0	A	1974	5,665
21	SC00406528CDB	35.5	A	1989	5,650
ALLUVIAL AQUIFER IN COAL CREEK VALLEY					
22	SC00506503AAD	18.0	A	1989	5,710
23	SC00506503ABB	18.0	A	1974	5,690
24	SC00406534CBB	16.0	A	1974	5,665
25	SC00406528DCA	20.0	A	1974	5,640
26	SC00406528BDD	20.0	A	1974	5,635
ALLUVIAL AQUIFER IN TRIBUTARY VALLEYS AND HILLSIDE SWALES DRAINING INTO COAL CREEK					
27	SC00506504DDA1	14.0	A	1983	5,810
28	SC00506504ADA2	17.0	A	1983	5,760
29	SC00506504AAA4	29.0	A	1983	5,710
30	SC00406534CCB	5.0	A	1989	5,690
BEDROCK AQUIFER IN SENAC CREEK VALLEY					
31	SC00506509DDD2	113	B	1984	5,798
32	SC005065009ACB	101	B	1984	5,770
33	SC00506504CAB2	107	B	1975	5,734
34	SC00506504CAB3	108	B	1989	5,740
35	SC00506504BBB2	113	B	1984	5,714
36	SC00406533BAB2	82.0	B	1975	5,670

observation purposes. Local well number, well depth, aquifer type, year drilled, and altitude of the land surface for all the wells are listed in table 1.

The alluvial wells were cased with 2-in.-diameter polyvinyl chloride (PVC) pipe, except for wells drilled in 1983–84 and 1989, which were cased with 4-in.-diameter PVC pipe. Alluvial wells penetrated to the bottom of the alluvial aquifer. Screens were located at the bottom 2 to 3 ft in wells drilled during 1974–75; the bottom 5 ft in wells drilled during 1981; and the bottom 3 to 6 ft in wells drilled during 1983–84 and 1989. Samples from the alluvial wells are a mixture of water from all depths of the alluvial aquifer because the gravel pack extends to within a few feet of the land surface. The wells were grouted with cement from the gravel pack to the surface and have a protective, steel-surface casing (Gaggiani, 1991).

The six bedrock wells range in depth from 82.0 to 113 ft below the land surface (table 1). The wells were sealed by grout above and below the interface between the alluvial and bedrock aquifers so no exchange of water could occur between these aquifers through the well bore.

Field measurements done on water-quality samples collected from the wells included water temperature, specific conductance, and pH. Chemical analyses were done by the MWRD Central Laboratory and included determination of dissolved nitrogen species, phosphorus, major cations and anions, dissolved solids, and the following trace metals: cadmium, chromium, copper, iron, lead, manganese, mercury, nickel, and zinc. The dissolved fraction was determined by passing water-quality samples through a 0.45- μ m filter. Sampling techniques are described in detail by Gaggiani (1991, p. 22).

Quality Control/Quality Assurance

Samples were submitted for analysis to the MWRD Central Laboratory. All samples were assigned an arbitrary site number, and the MWRD laboratory did not know from which well individual samples were obtained. Replicate samples were submitted periodically but are not reported in the data tables. No anomalies were noted.

GROUND-WATER-QUALITY DATA AND WATER LEVELS

The data from the chemical analyses for the ground-water samples collected at the Lowry sewage-sludge-disposal site and adjacent area from February 1988 to August 1993 are presented in table 2 in the "Hydrologic Data" section at the back of the report. Water levels in the observation wells are presented in table 3 in the "Hydrologic Data" section.

REFERENCES CITED

- Chase, G.H., and McConaghy, J.A., 1972, Generalized surficial geologic map of the Denver area, Colorado: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-731, scale 1:62,500.
- Gaggiani, N.G., 1991, Effects of land disposal of municipal sewage sludge on soil, streambed sediment, and ground- and surface-water quality at a site near Denver, Colorado: U.S. Geological Survey Water-Resources Investigations Report 90-4106, 163 p.
- Robson, S.G., 1976, Ground-water quality near a sewage-sludge recycling site and a landfill near Denver, Colorado: U.S. Geological Survey Water-Resources Investigations Report 76-132, 137 p.
- U.S. Environmental Protection Agency, 1986, Quality criteria for water 1986: U.S. Environmental Protection Agency, EPA Report 440/5-86-001, 1 v.

HYDROLOGIC DATA

System of Numbering Wells

The well locations (local well number) in tables 1–3 are based on the Bureau of Land Management system of land subdivision and show the location of the well by quadrant, township, range, section, and position in the section. An illustration of this method of well location is shown in figure 2. The first letter “S” preceding the location number means that the well is located in the area governed by the Sixth Principal Meridian. The second letter indicates the quadrant in which the well is located. Four quadrants are formed by the intersection of the base line and the principal meridian—A indicates the northeast quadrant; B, the northwest; C, the southwest; and D, the southeast. The first numeral indicates the township; the second, the range; and the third, the section in which the well is located. The letters following the section number locate the well within the section. The first letter denotes the quarter section and the second, the quarter-quarter section. The letters are assigned within the section in a counter-clockwise direction, beginning with (A) in the northeast quarter. Letters are assigned within each quarter-quarter section in the same manner. Where two or more locations are within the smallest subdivision, consecutive numbers beginning with 1 are added in the order in which the wells were inventoried. For example, SC00604716AAA indicates a well in the northeast quarter of the northeast quarter of the northeast quarter of sec. 16, T. 6 S., R. 47 W. The “S” refers to the Sixth Principal Meridian. The “C” indicates the township is south of the base line and that the range is west of the principal meridian.

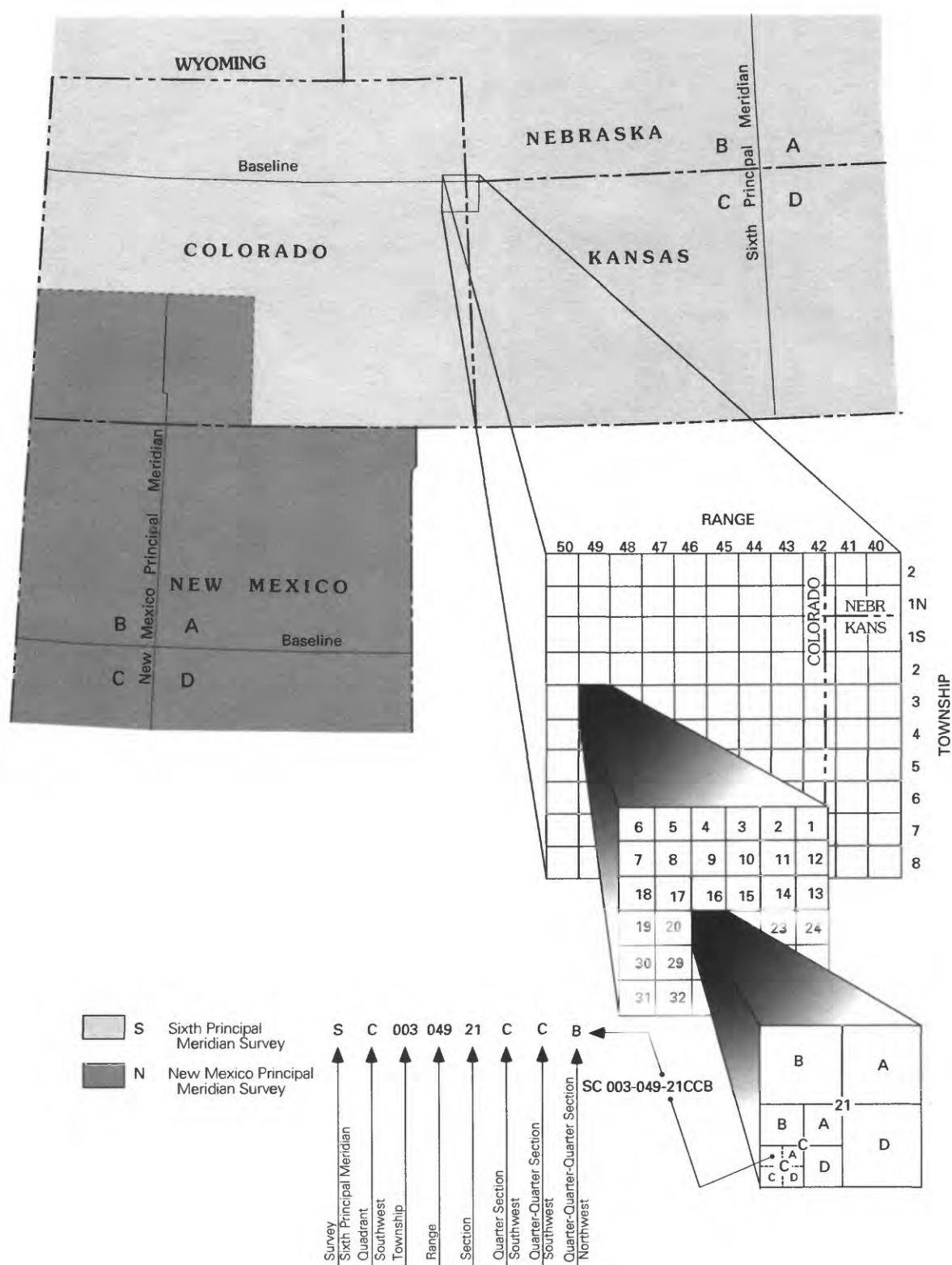


Table 2. Chemical analyses of water samples collected from observation wells, 1988-93

[DEG C, degrees Celsius; US/CM, microsiemens per centimeter at 25 degrees Celsius; MG/L, milligrams per liter; UG/L, micrograms per liter; UM-MF; micrometer-membrane filter; COLS./100 ML; colonies per 100 milliliters; --, indicates no data available; <, less than detection limit]

393733104394201 - SC00506509DDD1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL, (MG/L AS CACO3)
APR 1988										
06...	1010	11.0	995	7.2	<0.100	<0.020	0.80	0.020	<0.020	410
07...	0900	--	--	--	--	--	--	--	--	--
JUL										
07...	0700	--	--	--	--	--	--	--	--	--
07...	1420	16.0	1020	6.9	<0.100	<0.010	0.60	0.050	0.050	400
SEP										
28...	0720	--	--	--	--	--	--	--	--	--
29...	0845	15.0	1050	7.0	<0.100	0.030	0.70	0.070	<0.020	500
MAR 1989										
22...	0930	--	--	--	--	--	--	--	--	--
23...	0915	10.0	917	--	<0.100	<0.020	<0.30	0.070	<0.020	400
JUN										
07...	0746	--	--	--	--	--	--	--	--	--
07...	1045	13.5	890	7.1	<0.200	<0.020	0.80	<0.020	<0.020	400
SEP										
19...	0850	--	--	--	--	--	--	--	--	--
19...	1511	18.0	1090	--	0.200	<0.020	<0.30	0.040	<0.020	480
JUN 1990										
13...	0809	--	--	--	--	--	--	--	--	--
13...	1107	13.5	1090	7.0	<0.100	<0.020	<0.30	0.100	<0.020	520
JUN 1991										
19...	0856	--	--	--	--	--	--	--	--	--
19...	1008	--	1310	7.1	<0.100	0.040	1.5	0.290	<0.020	630
JUN 1992										
18...	0858	--	--	--	--	--	--	--	--	--
19...	1130	15.0	1610	6.8	<0.100	<0.020	0.60	<0.020	0.180	430
25...	1025	--	--	--	--	--	--	--	--	--
JUN 1993										
09...	--	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393733104394201 - SC00506509DDD1

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
06...	140	16	44	4.6	286	24	230	680	0.4
07...	--	--	--	--	--	--	--	--	--
JUL									
07...	--	--	--	--	--	--	--	--	--
07...	130	15	44	5.9	291	23	210	682	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	170	20	49	6.8	308	27	260	748	0.3
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
23...	130	15	44	5.6	252	12	220	631	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	130	15	46	5.8	276	18	190	601	--
SEP									
19...	--	--	--	--	--	--	--	--	--
19...	160	17	54	9.0	358	22	230	720	--
JUN 1990									
13...	--	--	--	--	--	--	--	--	--
13...	180	20	90	8.4	305	36	360	861	--
JUN 1991									
19...	--	--	--	--	--	--	--	--	--
19...	220	22	78	5.8	259	34	440	976	2.1
JUN 1992									
18...	--	--	--	--	--	--	--	--	--
19...	150	16	54	4.1	267	32	220	673	0.6
25...	--	--	--	--	--	--	--	--	--
JUN 1993									
09...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393733104394201 - SC00506509DDDD1

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, 0.45 (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	160	<10	410	<20	<20	--	--
07...	--	--	--	--	--	--	--	<2	<2
JUL									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	2900	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	<2
29...	<20	<20	3900	<10	1800	20	20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	5
23...	--	--	<50	--	--	--	20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	2000	--	--	--	<20	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
19...	--	--	2700	--	--	--	30	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	130
13...	--	--	--	--	--	--	40	--	--
JUN 1991									
19...	--	--	--	--	--	--	--	<20	6
19...	<40	<40	240	<10	560	<40	40	--	--
JUN 1992									
18...	--	--	--	--	--	--	--	<2	--
19...	<40	<40	<100	<10	70	<40	20	--	--
25...	--	--	--	--	--	--	--	--	<2
JUN 1993									
09...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393756104395302 - SC00506509ACD2

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL, (MG/L AS CACO3)
APR 1988										
06...	1035	13.0	7900	6.9	<0.100	<0.020	1.5	788	0.130	4300
07...	0910	--	--	--	--	--	--	--	--	--
JUL										
07...	1515	16.0	7800	6.6	<0.100	<0.010	5.0	710	0.120	4100
22...	0848	--	--	--	--	--	--	--	--	--
SEP										
29...	0945	--	7360	6.9	<0.100	0.530	5.2	604	0.060	4200
JUN 1989										
07...	0737	--	--	--	--	--	--	--	--	--

393756104395302 - SC00506509ACD2

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
06...	1400	180	120	26	224	630	980	7720	0.5
07...	--	--	--	--	--	--	--	--	--
JUL									
07...	1400	160	90	24	216	600	940	7320	--
22...	--	--	--	--	--	--	--	--	--
SEP									
29...	1400	160	110	24	--	560	880	--	1.6
JUN 1989									
07...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393756104395302 - SC00506509ACD2

WATER-QUALITY DATA

DATE	CHRO-		COPPER,		IRON,		LEAD,		MANGA-		NICKEL,		ZINC,		COLI-		STREP-	
	DIS-	SOLVED	DIS-	SOLVED	DIS-	SOLVED	DIS-	SOLVED	DIS-	SOLVED	DIS-	SOLVED	DIS-	SOLVED	FORM,	FECAL,	TOCOC	CI
	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	100 ML)	0.45	FECAL,	PER
	AS CR)	AS CU)	AS FE)	AS PB)	AS MN)	AS NI)	AS ZN)	AS ZN)	AS ZN)	AS ZN)	AS ZN)	AS ZN)	AS ZN)	AS ZN)	100 ML)	100 ML)	100 ML)	100 ML)
APR 1988																		
06...	<20	<20	<50	<10	<20	100	30	--	--	--	--	--	--	--	--	--	--	18
07...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL																		
07...	--	--	<50	--	--	--	40	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	40
SEP																		
29...	<20	<20	<50	<10	<20	110	<20	--	--	--	--	--	--	--	--	--	--	--
JUN 1989																		
07...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393740104402601 - SC00506509CAC1

WATER-QUALITY DATA										
DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
06...	1215	12.0	1050	7.5	<0.100	<0.020	0.90	0.260	<0.020	550
07...	0950	--	--	--	--	--	--	--	--	--
JUL										
07...	0746	--	--	--	--	--	--	--	--	--
07...	1626	12.0	1060	7.2	<0.100	<0.010	0.50	0.110	<0.020	500
SEP										
28...	0832	--	--	--	--	--	--	--	--	--
29...	1123	12.5	1050	7.3	<0.100	<0.020	<0.30	<0.020	<0.020	560
MAR 1989										
22...	0900	--	--	--	--	--	--	--	--	--
22...	1500	13.0	1180	--	<0.100	<0.020	<0.30	0.020	0.020	600
JUN										
07...	0728	--	--	--	--	--	--	--	--	--
07...	0930	13.5	1070	7.2	<0.200	<0.020	3.5	0.020	<0.020	580
SEP										
19...	0840	--	--	--	--	--	--	--	--	--
19...	1430	14.0	1160	--	0.100	<0.020	<0.30	0.040	<0.020	590
MAY 1990										
19...	1335	--	--	--	--	--	--	--	--	--
JUN										
13...	0742	--	--	--	--	--	--	--	--	--
13...	0945	15.5	1070	7.2	<0.100	<0.020	0.40	0.200	<0.020	590
JUN 1991										
19...	0825	--	1180	--	<0.100	0.020	<0.30	0.070	<0.020	650
19...	0939	--	--	--	--	--	--	--	--	--
JUN 1992										
18...	0917	--	--	--	--	--	--	--	--	--
19...	1215	14.5	985	7.2	<0.100	0.030	<0.30	0.350	0.160	490
25...	1050	--	--	--	--	--	--	--	--	--
JUN 1993										
09...	--	11.5	1130	--	<0.100	<0.020	<0.10	0.210	<0.020	590

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393740104402601 - SC00506509CAC1

WATER-QUALITY DATA

DATE	CALCIUM		MAGNE-		SODIUM,		POTAS-		ALKA-		CHLO-		SULFATE		RESIDUE		CADMIUM	
	DIS-	SOLVED	SIUM,	DIS-	SOLVED	SIUM,	DIS-	SOLVED	LAB	(MG/L	DIS-	SOLVED	DIS-	SOLVED	AT 105	DEG. C,	DIS-	SOLVED
	(MG/L	(MG/L	AS MG)	(MG/L	(MG/L	AS NA)	(MG/L	(MG/L	AS	CACO3)	(MG/L	(MG/L	(MG/L	(MG/L	(MG/L)	(MG/L)	(UG/L	AS CD)
APR 1988																		
06...	190	20	29	29	3.6	365	9.0	230	739	<0.2								
07...	--	--	--	--	--	--	--	--	--	--								
JUL																		
07...	--	--	--	--	--	--	--	--	--	--								
07...	170	19	25	25	3.3	333	12	230	741	--								
SEP																		
28...	--	--	--	--	--	--	--	--	--	--								
29...	190	21	28	28	4.2	348	13	280	753	0.2								
MAR 1989																		
22...	--	--	--	--	--	--	--	--	--	--								
22...	200	22	29	29	4.0	372	4.0	320	813	--								
JUN																		
07...	--	--	--	--	--	--	--	--	--	--								
07...	190	25	31	31	3.7	340	14	310	832	--								
SEP																		
19...	--	--	--	--	--	--	--	--	--	--								
19...	200	21	30	30	4.0	347	13	250	781	--								
MAY 1990																		
19...	--	--	--	--	--	--	--	--	--	--								
JUN																		
13...	--	--	--	--	--	--	--	--	--	--								
13...	200	23	46	46	4.8	348	12	320	826	--								
JUN 1991																		
19...	220	24	32	32	4.6	377	8.0	270	842	1.6								
19...	--	--	--	--	--	--	--	--	--	--								
JUN 1992																		
18...	--	--	--	--	--	--	--	--	--	--								
19...	170	18	27	27	4.4	293	9.0	200	676	0.4								
25...	--	--	--	--	--	--	--	--	--	--								
JUN 1993																		
09...	200	22	29	29	4.6	--	16	220	775	<0.2								

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393740104402601 - SC00506509CAC1

WATER-QUALITY DATA												
DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML)			
APR 1988												
06...	<20	<20	<50	<10	<20	<20	<20	--	--			
07...	--	--	--	--	--	--	--	<2	<2			
JUL												
07...	--	--	--	--	--	--	--	<2	<2			
07...	--	--	640	--	--	--	<20	--	--			
SEP												
28...	--	--	--	--	--	--	--	<2	2			
29...	<20	<20	180	<10	310	<20	<20	--	--			
MAR 1989												
22...	--	--	--	--	--	--	--	<2	10			
22...	--	--	<50	--	--	--	20	--	--			
JUN												
07...	--	--	--	--	--	--	--	<2	<2			
07...	--	--	140	--	--	--	<20	--	--			
SEP												
19...	--	--	--	--	--	--	--	<2	<2			
19...	--	--	1300	--	--	--	<20	--	--			
MAY 1990												
19...	--	--	--	--	--	--	--	--	--			
JUN												
13...	--	--	--	--	--	--	--	<20	<20			
13...	--	--	<50	--	--	--	<20	--	--			
JUN 1991												
19...	<40	<40	<100	<10	260	<40	<40	--	--			
19...	--	--	--	--	--	--	--	<20	6			
JUN 1992												
18...	--	--	--	--	--	--	--	<2	--			
19...	<40	<40	<100	<10	140	20	30	--	--			
25...	--	--	--	--	--	--	--	--	5			
JUN 1993												
09...	<20	<20	1600	<10	310	E20	20	<20	<20			

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393805104401301 - SC00506509BDA1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
06...	1155	12.0	750	7.3	<0.100	<0.020	1.5	0.020	0.140	290
07...	0940	--	--	--	--	--	--	--	--	--
JUL										
07...	0740	--	--	--	--	--	--	--	--	--
07...	1605	12.0	735	7.0	<0.100	<0.010	0.40	0.090	0.160	260
SEP										
28...	0824	--	--	--	--	--	--	--	--	--
29...	1105	11.5	750	7.0	<0.100	<0.020	<0.30	<0.020	0.120	270
MAR 1989										
22...	0915	--	--	--	--	--	--	--	--	--
23...	0900	12.5	724	7.1	<0.100	<0.020	<0.30	0.150	0.140	280
JUN										
07...	0720	--	--	--	--	--	--	--	--	--
07...	1125	12.0	733	6.9	<0.200	<0.020	1.4	0.190	<0.020	280
SEP										
19...	0830	--	--	--	--	--	--	--	--	--
19...	1450	13.0	800	--	<0.100	<0.020	<0.30	0.080	0.110	310
JUN 1990										
13...	0752	--	--	--	--	--	--	--	--	--
13...	1045	11.5	830	7.0	<0.100	<0.020	<0.30	0.100	0.150	250
JUN 1991										
19...	0840	--	807	--	<0.100	<0.020	<0.30	0.030	0.120	320
19...	0933	--	--	--	--	--	--	--	--	--
JUN 1992										
18...	0923	--	--	--	--	--	--	--	--	--
19...	1245	12.0	831	7.1	<0.100	<0.020	<0.30	<0.020	0.360	320
25...	1056	--	--	--	--	--	--	--	--	--
JUN 1993										
09...	--	11.5	861	--	<0.100	<0.020	--	0.110	0.200	340

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393805104401301 - SC00506509BDA1

DATE	WATER-QUALITY DATA									
	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)	
APR 1988										
06...	97	12	53	3.6	225	6.0	180	519	<0.2	
07...	--	--	--	--	--	--	--	--	--	
JUL										
07...	--	--	--	--	--	--	--	--	--	
07...	86	11	46	3.5	206	3.0	180	510	--	
SEP										
28...	--	--	--	--	--	--	--	--	--	
29...	90	12	50	4.0	220	8.0	180	520	0.3	
MAR 1989										
22...	--	--	--	--	--	--	--	--	--	
23...	91	12	51	3.1	232	<0.10	180	490	--	
JUN										
07...	--	--	--	--	--	--	--	--	--	
07...	88	14	56	3.4	198	9.0	180	512	--	
SEP										
19...	--	--	--	--	--	--	--	--	--	
19...	100	13	58	3.8	203	10	200	511	--	
JUN 1990										
13...	--	--	--	--	--	--	--	--	--	
13...	82	12	70	4.4	205	8.0	190	537	--	
JUN 1991										
19...	100	13	77	4.2	216	4.0	210	549	0.6	
19...	--	--	--	--	--	--	--	--	--	
JUN 1992										
18...	--	--	--	--	--	--	--	--	--	
19...	100	13	51	4.2	207	7.0	210	572	0.1	
25....	--	--	--	--	--	--	--	--	--	
JUN 1993										
09...	110	14	56	4.2	--	14	140	594	0.3	

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393805104401301 - SC00506509BDA1

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCOI FECAL, (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	<50	<10	<20	<20	<20	--	--
07...	--	--	--	--	--	--	--	<2	<2
JUL									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	2
29...	<20	<20	<50	<10	<20	<20	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	7
23...	--	--	<50	--	--	--	<20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	<50	--	--	--	50	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
19...	--	--	<50	--	--	--	20	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
JUN 1991									
19...	<40	<40	<100	<10	<40	<40	<40	--	--
19...	--	--	--	--	--	--	--	--	10
JUN 1992									
18...	--	--	--	--	--	--	--	<2	--
19...	<40	<40	<100	<10	<40	<40	<40	--	--
25...	--	--	--	--	--	--	--	--	3
JUN 1993									
09...	<20	<20	<50	<10	<20	<20	20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393817104401501 - SC00506509BAA

WATER-QUALITY DATA											
DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)	
APR 1988											
06...	1125	10.0	1740	7.7	<0.100	<0.020	0.90	0.590	<0.020	700	
07...	0935	--	--	--	--	--	--	--	--	--	
JUL											
07...	0728	--	--	--	--	--	--	--	--	--	
07...	1545	11.5	1750	7.3	<0.100	0.040	0.60	0.680	<0.020	820	
SEP											
28...	0810	--	--	--	--	--	--	--	--	--	
29...	1035	11.5	1640	7.4	<0.100	<0.020	<0.30	<0.020	0.020	860	
MAR 1989											
22...	0945	--	--	--	--	--	--	--	--	--	
23...	0930	10.0	1860	7.4	<0.100	<0.020	<0.30	0.980	<0.020	840	
JUN											
07...	0756	--	--	--	--	--	--	--	--	--	
07...	1205	11.5	1670	7.3	<0.020	<0.020	1.0	<0.020	<0.020	800	
SEP											
19...	0905	--	--	--	--	--	--	--	--	--	
19...	1605	12.0	1710	--	<0.100	0.090	<0.30	0.090	<0.020	810	
JUN 1990											
13...	0758	--	--	--	--	--	--	--	--	--	
13...	1140	11.5	1520	7.4	<0.100	<0.020	<0.30	0.100	<0.020	740	
JUN 1991											
19...	0910	--	1710	--	<0.100	<0.020	<0.30	0.050	<0.020	830	
19...	0920	--	--	--	--	--	--	--	--	--	
JUN 1992											
18...	0932	--	--	--	--	--	--	--	--	--	
19...	1304	12.5	1740	7.5	<0.100	<0.020	<0.30	<0.020	0.130	760	
25...	1111	--	--	--	--	--	--	--	--	--	
JUN 1993											
09...	--	10.5	1750	--	<0.100	<0.020	--	0.050	<0.020	780	

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393817104401501 - SC00506509BAA

WATER-QUALITY DATA

DATE	CALCIUM		MAGNE-		SODIUM,		POTAS-		ALKA-		CHLO-		RESIDUE		CADMIUM	
	DIS-	SOLVED	DIS-	SOLVED	DIS-	SOLVED	DIS-	SOLVED	LAB	(MG/L	DIS-	SOLVED	AT 105	DEG. C,	DIS-	SOLVED
	(MG/L	AS CA)	(MG/L	AS MG)	(MG/L	AS NA)	(MG/L	AS K)	AS	CAO3)	(MG/L	AS CL)	(MG/L)	SOLVED	(UG/L	AS CD)
APR 1988																
06...	230		29		97		5.6		282		57		1350		<0.2	
07...	--		--		--		--		--		--		--		--	
JUL																
07...	--		--		--		--		--		--		--		--	
07...	280		32		100		5.5		285		54		1380		--	
SEP																
28...	--		--		--		--		--		--		--		--	
29...	290		32		110		5.0		287		49		1260		<0.2	
MAR 1989																
22...	--		--		--		--		--		--		--		--	
23...	290		30		100		6.0		292		66		502		--	
JUN																
07...	--		--		--		--		--		--		--		--	
07...	270		29		100		5.1		284		64		1360		--	
SEP																
19...	--		--		--		--		--		--		--		--	
19...	280		29		100		5.5		286		54		1330		--	
JUN 1990																
13...	--		--		--		--		--		--		--		--	
13...	250		28		140		4.7		290		50		1330		--	
JUN 1991																
19...	280		31		110		5.8		314		56		1320		0.8	
19...	--		--		--		--		--		--		--		--	
JUN 1992																
18...	--		--		--		--		--		--		--		--	
19...	260		28		96		6.0		316		56		1320		0.4	
25...	--		--		--		--		--		--		--		--	
JUN 1993																
09...	270		29		100		6.2		--		48		1320		<0.2	

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393817104401501 - SC00506509BAA

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L) AS CR)	COPPER, DIS- SOLVED (UG/L) AS CU)	IRON, DIS- SOLVED (UG/L) AS FE)	LEAD, DIS- SOLVED (UG/L) AS PB)	MANGANESE, DIS- SOLVED (UG/L) AS MN)	NICKEL, DIS- SOLVED (UG/L) AS NI)	ZINC, DIS- SOLVED (UG/L) AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI, FECAL, 0.45 UM-MF (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	110	<10	<20	30	<20	--	--
07...	--	--	--	--	--	--	--	<2	<2
JUL									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	780	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	<2
29...	<20	<20	440	<10	130	<20	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	7
23...	--	--	<50	--	--	--	20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	7
07...	--	--	710	--	--	--	<20	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
19...	--	--	410	--	--	--	20	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	60	--	--	--	<20	--	--
JUN 1991									
19...	<40	<40	<100	<10	220	<40	<40	--	--
19...	--	--	--	--	--	--	--	--	45
JUN 1992									
18...	--	--	--	--	--	--	--	<2	--
19...	<40	<40	<100	<10	210	30	<40	--	--
25...	--	--	--	--	--	--	--	--	3
JUN 1993									
09...	<20	<20	370	<10	210	<20	20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393818104401202 - SC00506509BAA2

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL, (MG/L AS CACO3)
JUL 1989										
27...	1245	--	1060	7.5	0.210	<0.010	0.80	0.220	--	--
JUN 1990										
13...	1015	--	--	--	--	--	--	--	--	--
13...	1155	12.0	930	7.3	<0.100	<0.020	0.50	0.800	<0.020	450
JUN 1991										
19...	0925	--	--	--	--	--	--	--	--	--
19...	0941	--	1110	--	<0.100	0.020	<0.30	0.060	<0.020	540
JUN 1992										
18...	0936	--	--	--	--	--	--	--	--	--
19...	1327	12.5	1080	7.5	<0.100	<0.020	20	<0.020	0.150	440
25...	1115	--	--	--	--	--	--	--	--	--
JUN 1993										
09...	--	11.5	1160	--	<0.100	<0.020	--	0.040	<0.020	520

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393818104401202 - SC00506509BAA2

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
JUL 1989									
27...	--	--	--	--	--	24	--	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	--	--
13...	150	16	71	5.3	236	29	340	745	--
JUN 1991									
19...	--	--	--	--	--	--	--	--	--
19...	180	20	50	4.4	265	37	290	774	0.5
JUN 1992									
18...	--	--	--	--	--	--	--	--	--
19...	150	16	48	4.3	242	35	290	755	0.1
25...	--	--	--	--	--	--	--	--	--
JUN 1993									
09...	180	18	56	4.1	--	38	290	788	0.3

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393818104401202 - SC00506509EAA2

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML)
JUL 1989									
27...	--	--	--	--	--	--	--	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
JUN 1991									
19...	--	--	--	--	--	--	--	--	13
19...	<40	<40	<100	<10	1400	<40	<40	--	--
JUN 1992									
18...	--	--	--	--	--	--	--	<2	--
19...	<40	<40	140	<10	2000	<40	<40	--	--
25...	--	--	--	--	--	--	--	--	<2
JUN 1993									
09...	<20	<20	50	<10	3000	<20	20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393733104400901 - SC00506504CAD1

WATER-QUALITY DATA										
DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
06...	1450	14.0	3700	7.3	<0.100	<0.020	3.0	74.8	0.130	2100
07...	1125	--	--	--	--	--	--	--	--	--
JUL										
07...	0850	--	--	--	--	--	--	--	--	--
08...	0842	12.5	3600	6.9	<0.100	<0.010	0.40	50.0	0.140	2000
SEP										
28...	0936	--	--	--	--	--	--	--	--	--
29...	1323	13.0	3630	6.9	<0.100	<0.020	1.0	15.0	0.140	1900
MAR 1989										
22...	1215	--	--	--	--	--	--	--	--	--
23...	1215	11.5	3610	7.3	<0.100	<0.020	0.30	6.45	0.060	2100
JUN										
07...	0809	--	--	--	--	--	--	--	--	--
07...	1430	12.5	3410	--	<0.200	<0.020	1.1	1.92	<0.020	1800
SEP										
19...	0916	--	--	--	--	--	--	--	--	--
19...	1634	14.0	3450	--	<0.100	<0.020	0.50	5.30	0.090	1800
MAY 1990										
19...	1200	--	--	--	--	--	--	--	--	--
JUN										
13...	0818	--	--	--	--	--	--	--	--	--
13...	1520	13.0	3110	7.0	<0.100	<0.020	0.40	7.20	0.100	>1700
JUN 1991										
18...	0935	--	--	--	--	--	--	--	--	--
19...	1040	--	3380	7.1	<0.100	<0.020	0.90	1.05	0.150	1800
JUN 1992										
18...	0950	--	--	--	--	--	--	--	--	--
19...	1446	12.5	3200	7.0	<0.100	<0.020	0.60	8.87	0.240	1700
25...	1127	--	--	--	--	--	--	--	--	--
JUN 1993										
09...	--	11.5	3230	--	<0.100	<0.020	0.40	1.77	0.130	1600

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393733104400901 - SC00506504CAD1

DATE	WATER-QUALITY DATA										RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L) AS CD)
	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINTY LAB AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)		
APR 1988											
06...	710	85	180	3.4	462	190	1300	3250	0.3	--	
07...	--	--	--	--	--	--	--	--	--	--	
JUL											
07...	--	--	--	--	--	--	--	--	--	--	
08...	680	79	180	3.9	627	170	1400	3180	--	--	
08...	640	80	210	3.8	--	160	1400	--	1.0	--	
SEP											
28...	--	--	--	--	--	--	--	--	--	--	
29...	640	81	210	3.6	684	160	1400	3150	0.7	--	
MAR 1989											
22...	--	--	--	--	--	--	--	--	--	--	
23...	700	80	210	3.5	714	140	1600	3100	--	--	
JUN											
07...	--	--	--	--	--	--	--	--	--	--	
07...	600	76	230	3.6	683	150	1400	3080	--	--	
SEP											
19...	--	--	--	--	--	--	--	--	--	--	
19...	600	69	200	3.8	683	130	1300	3030	--	--	
MAY 1990											
19...	--	--	--	--	--	--	--	--	--	--	
JUN											
13...	--	--	--	--	--	--	--	--	--	--	
13...	560	76	340	3.5	657	130	1200	2950	--	--	
JUN 1991											
18...	--	--	--	--	--	--	--	--	--	--	
19...	620	69	210	3.8	632	130	1400	2910	1.2	--	
JUN 1992											
18...	--	--	--	--	--	--	--	--	--	--	
19...	550	69	200	3.7	537	130	1300	2740	0.3	--	
25...	--	--	--	--	--	--	--	--	--	--	
JUN 1993											
09...	550	65	210	3.9	--	130	1200	2710	<0.2	--	

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393733104400901 - SC00506504CAD1

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGANESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	<50	<10	40	80	70	--	--
07...	--	--	--	--	--	--	--	<2	24
JUL									
07...	--	--	--	--	--	--	--	<2	<2
08...	--	--	<50	--	--	--	<20	--	--
08...	--	--	30	<5	60	--	--	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	6
29...	<20	<20	50	<10	80	80	20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	40
23...	--	--	400	--	--	--	<40	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	2
07...	--	--	<100	--	--	--	<40	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
19...	--	--	<50	--	--	--	40	--	--
MAY 1990									
19...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
JUN 1991									
18...	--	--	--	--	--	--	--	<20	16
19...	<40	<40	<100	<10	100	30	<40	--	--
JUN 1992									
18...	--	--	--	--	--	--	--	<2	--
19...	<40	<40	<100	<10	<40	40	<40	--	--
25...	--	--	--	--	--	--	--	--	<2
JUN 1993									
09...	<20	<20	<50	10	80	<20	30	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393834104402001 - SC00506504CAC

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
06...	1430	14.0	2340	7.8	<0.100	<0.020	2.2	13.1	<0.020	1100
07...	1100	--	--	--	--	--	--	--	--	--
JUL										
07...	0750	--	--	--	--	--	--	--	--	--
08...	1420	17.0	2290	7.5	<0.100	<0.010	1.1	16.0	0.030	1100
SEP										
28...	0931	--	--	--	--	--	--	--	--	--
29...	1145	11.5	2280	7.3	<0.100	<0.020	0.70	9.10	0.020	1100
MAR 1989										
22...	1230	--	--	--	--	--	--	--	--	--
23...	1130	17.0	2210	7.8	<0.100	<0.020	<0.30	7.79	<0.020	1200
JUN										
07...	0815	--	--	--	--	--	--	--	--	--
07...	1400	13.0	2070	7.3	<0.200	<0.020	0.90	6.50	<0.020	980
SEP										
19...	0925	--	--	--	--	--	--	--	--	--
19...	1755	12.0	2140	--	<0.100	<0.020	<0.30	6.30	<0.020	1000
JUN 1990										
13...	0833	--	--	--	--	--	--	--	--	--
13...	1450	12.5	1950	7.3	<0.100	<0.020	<0.30	7.60	<0.020	970
JUN 1991										
19...	0834	--	--	--	--	--	--	--	--	--
19...	1120	--	1970	7.7	<0.100	0.030	<0.30	4.44	0.050	1000
JUN 1992										
18...	1004	--	--	--	--	--	--	--	--	--
19...	1534	12.5	1890	7.4	<0.100	<0.020	<0.30	1.95	0.230	850
25...	1214	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393834104402001 - SC00506504CAC

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
06...	380	43	120	3.6	386	160	770	1890	<0.2
07...	--	--	--	--	--	--	--	--	--
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	370	43	120	3.5	324	160	780	1840	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	370	44	120	3.3	365	140	860	1780	<0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
23...	400	44	120	3.3	353	130	820	1730	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	340	34	88	3.6	325	140	660	1640	--
SEP									
19...	--	--	--	--	--	--	--	--	--
19...	340	40	120	3.8	350	130	690	1670	--
JUN 1990									
13...	--	--	--	--	--	--	--	--	--
13...	320	44	160	3.7	346	120	760	1710	--
JUN 1991									
19...	--	--	--	--	--	--	--	--	--
19...	340	39	120	4.0	347	120	660	1530	0.5
JUN 1992									
18...	--	--	--	--	--	--	--	--	--
19...	290	33	99	3.5	333	110	600	1450	0.1
25...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393834104402001 - SC00506504CAC

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML)
APR 1988									
06...	<20	50	<50	<10	<20	30	40	--	--
07...	--	--	--	--	--	--	--	<2	27
JUL									
07...	--	--	--	--	--	--	--	8	130
08...	--	--	120	--	--	--	20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	18
29...	<20	<20	<50	<10	<20	30	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	48
23...	--	--	220	--	--	--	<40	--	--
JUN									
07...	--	--	--	--	--	--	--	38	1700
07...	--	--	<50	--	--	--	<20	--	--
SEP									
19...	--	--	--	--	--	--	--	180	3900
19...	--	--	70	--	--	--	40	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	54
13...	--	--	<50	--	--	--	<20	--	--
JUN 1991									
19...	--	--	--	--	--	--	--	<20	3
19...	<40	<40	100	<10	<40	<40	<40	--	--
JUN 1992									
18...	--	--	--	--	--	--	--	<2	--
19...	<40	<40	<100	<10	<40	40	<40	--	--
25...	--	--	--	--	--	--	--	--	48

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393841104401901 - SC00506504CAC2

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CaCO3)
APR 1988										
06...	1410	13.0	2130	7.5	<0.100	<0.020	1.6	13.6	<0.020	1100
07...	1040	--	--	--	--	--	--	--	--	--
JUL										
07...	0800	--	--	--	--	--	--	--	--	--
08...	0818	12.0	2140	7.1	<0.100	0.020	1.8	8.70	0.030	1100
SEP										
28...	0926	--	--	--	--	--	--	--	--	--
29...	1205	12.0	2170	7.3	<0.100	0.080	1.1	6.90	0.020	1200
MAR 1989										
22...	1245	--	--	--	--	--	--	--	--	--
24...	1145	11.0	2080	7.2	<0.100	0.020	0.60	1.73	<0.020	1200
JUN										
07...	0820	--	--	--	--	--	--	--	--	--
07...	1415	12.0	1980	7.1	<0.200	<0.020	2.5	6.70	<0.020	1200
SEP										
19...	0920	--	--	--	--	--	--	--	--	--
19...	1655	13.0	2050	--	<0.100	<0.020	0.70	11.1	<0.020	1100
JUN 1990										
13...	0830	--	--	--	--	--	--	--	--	--
13...	1505	12.5	1900	7.3	<0.100	<0.020	0.3	6.10	<0.020	990
JUN 1991										
19...	0830	--	--	--	--	--	--	--	--	--
19...	1105	--	1820	7.5	<0.100	0.030	<0.30	0.810	0.080	950
JUN 1992										
18...	0958	--	--	--	--	--	--	--	--	--
19...	1516	12.0	1800	7.3	<0.100	<0.020	<0.30	0.190	0.220	800
25...	1133	--	--	--	--	--	--	--	--	--
JUN 1993										
09...	--	11.0	1710	--	<0.100	<0.020	<0.30	1.24	0.050	760

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393841104401901 - SC00506504CAC2

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
06...	380	41	64	5.2	434	150	670	1720	<0.2
07...	--	--	--	--	--	--	--	--	--
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	370	40	67	5.4	336	140	700	1680	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	400	46	66	5.4	345	150	790	1680	<0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
24...	420	43	74	4.8	380	140	720	1680	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	400	37	72	5.4	351	150	630	1640	--
SEP									
19...	--	--	--	--	--	--	--	--	--
19...	370	38	79	5.5	339	140	630	1620	--
JUN 1990									
13...	--	--	--	--	--	--	--	--	--
13...	320	43	120	5.3	383	150	690	1630	--
AUG									
15...	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--
JUN 1991									
19...	--	--	--	--	--	--	--	--	--
19...	320	34	87	5.4	397	120	480	1380	0.9
JUN 1992									
18...	--	--	--	--	--	--	--	--	--
19...	270	30	81	5.5	389	120	490	1340	0.1
25...	--	--	--	--	--	--	--	--	--
JUN 1993									
09...	260	29	86	5.4	--	95	460	1230	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393841104401901 - SC00506504CAC2

WATER-QUALITY DATA											
DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, 0.45 UM-MF (COLS. PER 100 ML)		
APR 1988											
06...	<20	<20	<50	<10	70	40	<20	--	--	<2	<2
07...	--	--	--	--	--	--	--	--	--	--	--
JUL											
07...	--	--	--	--	--	--	--	<2	<2	--	<2
08...	--	--	<50	--	--	--	<20	--	--	--	--
SEP											
28...	--	--	--	--	--	--	--	--	--	<2	<2
29...	<20	<20	<50	<10	250	40	<20	--	--	--	--
MAR 1989											
22...	--	--	--	--	--	--	--	<2	20	--	20
24...	--	--	<100	--	--	--	40	--	--	--	--
JUN											
07...	--	--	--	--	--	--	--	<2	<2	--	<2
07...	--	--	<50	--	--	--	<20	--	--	--	--
SEP											
19...	--	--	--	--	--	--	--	<2	<2	--	<2
19...	--	--	<50	--	--	--	20	--	--	--	--
JUN 1990											
13...	--	--	--	--	--	--	--	<20	<20	--	<20
13...	--	--	<50	--	--	--	<20	--	--	--	--
AUG											
15...	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--
JUN 1991											
19...	--	--	--	--	--	--	--	<20	820	--	820
19...	<40	<40	<100	<10	80	<40	<40	--	--	--	--
JUN 1992											
18...	--	--	--	--	--	--	--	<2	--	--	--
19...	<40	<40	<100	<10	120	<40	<40	--	--	--	--
25...	--	--	--	--	--	--	--	--	<2	--	<2
JUN 1993											
09...	<20	<20	<50	<10	60	<20	20	<20	2	--	2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

39384310402401 - SC00506504CAB1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
06...	1510	14.0	1790	7.6	<0.100	<0.020	2.5	26.0	0.080	860
07...	1110	--	--	--	--	--	--	--	--	--
JUL										
07...	0808	--	--	--	--	--	--	--	--	--
07...	1657	11.5	1830	7.0	<0.100	<0.010	1.3	19.0	0.100	770
SEP										
28...	0950	--	--	--	--	--	--	--	--	--
29...	1242	11.5	2060	7.3	<0.100	0.020	1.1	14.9	0.100	960
MAR 1989										
22...	1300	--	--	--	--	--	--	--	--	--
24...	1200	11.5	2150	7.7	<0.100	<0.020	1.5	12.3	0.020	1100
JUN										
07...	0826	--	--	--	--	--	--	--	--	--
07...	1325	11.5	2130	7.3	<0.200	<0.020	1.0	11.7	<0.020	1000
SEP										
19...	0930	--	--	--	--	--	--	--	--	--
19...	1824	12.0	2130	--	<0.100	<0.020	<0.30	10.1	0.050	1000
JUN 1990										
13...	0838	--	--	--	--	--	--	--	--	--
13...	1425	11.5	1670	7.3	<0.100	<0.020	0.40	9.80	0.080	1100
JUN 1991										
19...	0837	--	--	--	--	--	--	--	--	--
19...	1349	--	2060	7.3	<0.100	0.030	1.4	5.57	0.160	1100
JUN 1992										
18...	1010	--	--	--	--	--	--	--	--	--
19...	1604	12.5	2100	7.4	<0.100	<0.020	<0.30	4.40	0.290	960
25...	1139	--	--	--	--	--	--	--	--	--
JUN 1993										
09...	--	11.0	2040	--	<0.100	<0.020	<0.30	6.89	0.120	930

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393843104402401 - SC00506504CAB1

DATE	WATER-QUALITY DATA										RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L) AS SO4	CADMIUM DIS- SOLVED (UG/L) AS CD)
	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINTY LAB AS CAO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L) AS SO4				
APR 1988												
06...	290	33	100	3.8	284	84	490	1280			<0.2	
07...	--	--	--	--	--	--	--	--			--	
JUL												
07...	--	--	--	--	--	--	--	--			--	
07...	260	30	88	3.8	281	98	530	1380			--	
SEP												
28...	--	--	--	--	--	--	--	--			--	
29...	320	37	93	3.6	314	140	590	1560			0.3	
MAR 1989												
22...	--	--	--	--	--	--	--	--			--	
24...	380	40	100	4.0	337	140	760	1780			--	
JUN												
07...	--	--	--	--	--	--	--	--			--	
07...	340	37	85	4.2	322	150	660	1730			--	
SEP												
19...	--	--	--	--	--	--	--	--			--	
19...	350	40	100	4.5	326	150	670	1670			--	
JUN 1990												
13...	--	--	--	--	--	--	--	--			--	
13...	360	40	160	4.5	329	150	710	1660			--	
JUN 1991												
19...	--	--	--	--	--	--	--	--			--	
19...	360	41	140	4.6	345	150	650	1590			0.4	
JUN 1992												
18...	--	--	--	--	--	--	--	--			--	
19...	320	37	93	4.1	350	150	570	1630			<0.2	
25...	--	--	--	--	--	--	--	--			--	
JUN 1993												
09...	320	35	88	4.3	--	140	600	1540			<0.2	

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393843104402401 - SC00506504CAB1

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGANESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI, FECAL, (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	<50	<10	<20	20	<20	--	--
07...	--	--	--	--	--	--	--	<2	<2
JUL									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	<2
29...	<20	<20	<50	<10	40	40	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	20
24...	--	--	<100	--	--	--	<40	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	420
07...	--	--	<50	--	--	--	<20	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
19...	--	--	<50	--	--	--	<20	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
JUN 1991									
19...	--	--	--	--	--	--	--	<20	<20
19...	<40	<40	260	<10	40	<40	<40	--	--
JUN 1992									
18...	--	--	--	--	--	--	--	<2	--
19...	<40	<40	<100	<10	<40	50	<40	--	--
25...	--	--	--	--	--	--	--	--	6
JUN 1993									
09...	20	20	50	<10	20	20	20	<20	9

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393855104402401 - SC00506504BDB

WATER-QUALITY DATA										
DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
06...	1610	11.0	1230	7.8	<0.100	<0.020	0.80	0.350	<0.020	500
07...	1030	--	--	--	--	--	--	--	--	--
JUL										
07...	0836	--	--	--	--	--	--	--	--	--
08...	1125	12.0	1350	7.2	<0.100	<0.010	<0.30	0.280	<0.020	610
SEP										
28...	0912	--	--	--	--	--	--	--	--	--
29...	1444	12.5	1220	7.4	<0.100	<0.020	<0.30	0.080	<0.020	560
MAR 1989										
22...	1330	--	--	--	--	--	--	--	--	--
24...	1245	11.5	1170	7.6	<0.100	<0.020	<0.30	0.100	<0.020	580
JUN										
07...	0903	--	--	--	--	--	--	--	--	--
07...	1500	11.0	1200	7.4	<0.200	0.020	1.3	0.210	<0.020	530
SEP										
19...	1150	--	--	--	--	--	--	--	--	--
20...	1040	12.5	1180	--	<0.100	<0.020	<0.30	0.040	<0.020	490
JUN 1990										
13...	0915	--	--	--	--	--	--	--	--	--
13...	1355	12.0	920	7.4	<0.100	<0.020	<0.30	0.800	<0.020	490
AUG										
15...	1145	--	--	--	--	--	--	--	--	--
15...	1200	--	--	--	--	--	--	--	--	--
JUN 1991										
19...	0824	--	--	--	--	--	--	--	--	--
19...	1326	--	1180	7.0	<0.100	0.030	<0.30	0.080	<0.020	510
JUN 1992										
22...	1222	12.0	1190	7.5	<0.100	<0.020	<0.30	<0.020	0.040	500
JUN 1993										
09...	--	11.5	1230	--	<0.100	<0.020	<0.30	0.060	<0.020	490

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393855104402401 - SC00506504BDB

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
06...	170	20	71	4.7	214	21	410	889	<0.2
07...	--	--	--	--	--	--	--	--	--
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	200	24	75	5.2	247	42	420	992	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	190	23	81	4.7	225	27	460	884	0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
24...	200	21	71	5.3	224	16	460	881	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	180	21	75	4.4	215	25	410	867	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	160	19	72	5.0	206	20	400	855	--
JUN 1990									
13...	--	--	--	--	--	--	--	--	--
13...	160	20	99	5.1	214	22	430	875	--
AUG									
15...	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--
JUN 1991									
19...	--	--	--	--	--	--	--	--	--
19...	170	20	74	5.2	215	17	360	845	0.4
JUN 1992									
22...	170	20	78	5.3	210	21	510	884	0.5
JUN 1993									
09...	170	19	76	5.6	--	22	440	880	0.3

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393855104402401 - SC00506504BDB

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGANESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI, FECAL, (COLS./ 100 ML)
APR 1988									
06...	<20	<20	<50	<10	<20	<20	<20	--	--
07...	--	--	--	--	--	--	--	<2	8
JUL									
07...	--	--	--	--	--	--	--	<2	4
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	2
29...	<20	<20	<50	<10	310	<20	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	10
24...	--	--	<50	--	--	--	<20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	2
07...	--	--	<50	--	--	--	50	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	5
20...	--	--	<50	--	--	--	<20	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	3
13...	--	--	<50	--	--	--	<20	--	--
AUG									
15...	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--
JUN 1991									
19...	--	--	--	--	--	--	--	<20	3
19...	<40	<40	<100	<10	60	<40	<40	--	--
JUN 1992									
22...	<40	<40	<100	<10	90	20	<40	<2	2
JUN 1993									
09...	<20	<20	<50	<10	80	<20	30	<20	3

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393858104402002 - SC00506504BAC2

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
06...	1640	11.5	2750	7.6	<0.100	<0.020	1.2	20.7	<0.020	1300
07...	1035	--	--	--	--	--	--	--	--	--
JUL										
07...	0843	--	--	--	--	--	--	--	--	--
08...	1054	12.0	2620	6.8	<0.100	<0.010	0.60	27.0	0.020	1400
SEP										
28...	0919	--	--	--	--	--	--	--	--	--
29...	1430	12.5	2420	7.1	<0.100	<0.020	0.50	15.4	0.020	1200
MAR 1989										
22...	1317	--	--	--	--	--	--	--	--	--
24...	1230	14.0	2240	7.4	<0.100	<0.020	0.30	11.1	<0.020	1000
JUN										
07...	0907	--	--	--	--	--	--	--	--	--
07...	1415	12.0	2290	7.4	<0.200	<0.020	0.50	10.5	<0.020	1100
SEP										
19...	1143	--	--	--	--	--	--	--	--	--
20...	1020	12.5	2410	--	<0.100	<0.020	<0.30	7.20	<0.020	1100
JUN 1990										
13...	0910	--	--	--	--	--	--	--	--	--
13...	1410	12.5	2000	7.1	<0.100	<0.020	<0.30	8.90	<0.020	1100
JUN 1991										
18...	0957	--	--	--	--	--	--	--	--	--
19...	1300	--	2170	6.8	<0.100	0.030	1.2	5.34	0.100	1000
JUN 1992										
22...	1155	12.5	1890	7.5	<0.100	<0.020	<0.30	10.3	0.080	860
JUN 1993										
09...	--	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393858104402002 - SC00506504BAC2

WATER-QUALITY DATA									
DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
06...	450	51	130	6.2	200	170	1100	2350	<0.2
07...	--	--	--	--	--	--	--	--	--
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	460	54	130	6.5	204	110	1100	2240	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	410	48	120	6.4	206	100	1100	2070	<0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
24...	350	42	110	6.2	221	99	820	1900	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	400	31	110	6.0	186	120	980	1960	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	390	44	130	6.6	187	100	1000	2020	--
JUN 1990									
13...	--	--	--	--	--	--	--	--	--
13...	370	47	170	6.5	185	100	1000	2000	--
JUN 1991									
18...	--	--	--	--	--	--	--	--	--
19...	330	46	170	6.2	183	86	970	1810	0.2
JUN 1992									
22...	290	34	130	5.1	195	78	920	1500	0.1
JUN 1993									
09...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393858104402002 - SC00506504BAC2

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, 0.45 (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	<50	<10	<20	40	<20	--	--
07...	--	--	--	--	--	--	--	<2	<2
JUL									
07...	--	--	--	--	--	--	--	<2	<2
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	<2
29...	<20	<20	<50	<10	<20	30	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	2
24...	--	--	<100	--	--	--	40	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	<50	--	--	--	<20	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	4
20...	--	--	<50	--	--	--	<20	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
JUN 1991									
18...	--	--	--	--	--	--	--	<20	<20
19...	<40	<40	140	<10	<40	<40	<40	--	--
JUN 1992									
22...	<40	<40	<100	<10	<40	30	<40	<2	<2
JUN 1993									
09...	--	--	--	--	--	--	--	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393859104404001 - SC00506504BBC1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL, (MG/L AS CACO3)
APR 1988										
06...	1340	11.0	1960	7.5	<0.100	<0.020	1.4	47.6	0.030	940
07...	1000	--	--	--	--	--	--	--	--	--
JUL										
07...	0822	--	--	--	--	--	--	--	--	--
08...	1205	13.0	2080	7.1	0.300	0.030	1.2	90.0	0.030	1000
SEP										
28...	0844	--	--	--	--	--	--	--	--	--
29...	1543	13.5	2010	7.1	<0.100	0.060	3.4	56.6	0.030	1100
MAR 1989										
22...	1400	--	--	--	--	--	--	--	--	--
24...	1315	11.5	1790	7.3	<0.100	<0.020	1.4	34.1	<0.020	670
JUN										
07...	0842	--	--	--	--	--	--	--	--	--
07...	1536	11.0	1830	7.2	<0.200	0.020	0.60	31.1	<0.020	920
SEP										
19...	0940	--	--	--	--	--	--	--	--	--
20...	0920	14.0	1780	--	<0.100	0.030	0.70	21.0	<0.020	940
DEC										
06...	0755	12.0	1710	7.1	<0.200	<0.020	0.40	71.0	--	--
APR 1990										
23...	0925	11.5	1630	7.3	0.400	<0.020	0.50	39.7	--	--
JUN										
13...	0848	--	--	--	--	--	--	--	--	--
13...	1345	12.5	1330	7.2	<0.100	<0.020	0.60	45.0	<0.020	780
AUG										
15...	1030	--	--	--	--	--	--	--	--	--
NOV										
15...	1218	14.5	1440	7.2	<0.200	<0.020	0.80	25.3	--	--
16...	1100	--	--	--	--	--	--	--	--	--
MAR 1991										
19...	1003	10.5	1410	7.3	<0.100	<0.020	<0.30	27.1	--	--
JUN										
19...	0806	--	--	--	--	--	--	--	--	--
19...	1434	--	1540	7.3	<0.100	0.030	0.30	36.3	0.030	820
DEC										
12...	0800	11.0	1390	7.5	<0.100	0.060	<0.30	21.1	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393859104404001 - SC00506504BBC1

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
06...	310	41	47	3.4	481	100	320	1430	<0.2
07...	--	--	--	--	--	--	--	--	--
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	340	46	47	3.5	457	100	350	1850	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	340	49	47	4.3	441	100	430	1580	0.4
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
24...	200	41	44	3.6	444	82	380	1620	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	300	42	43	3.4	437	90	330	1430	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	300	43	45	3.9	433	74	380	1310	--
DEC									
06...	--	--	--	--	--	78	--	1180	--
APR 1990									
23...	--	--	--	--	--	67	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	260	33	59	3.5	400	66	320	1280	--
AUG									
15...	--	--	--	--	--	--	--	--	--
NOV									
15...	--	--	--	--	--	66	--	--	--
16...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	56	--	--	--
JUN									
19...	--	--	--	--	--	--	--	--	--
19...	270	36	36	3.6	347	66	290	1190	0.7
DEC									
12...	--	--	--	--	--	59	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393859104404001 - SC00506504BBC1

WATER-QUALITY DATA									
DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCI FECAL, (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	<50	<10	<20	30	<20	--	--
07...	--	--	--	--	--	--	--	<2	<2
JUL									
07...	--	--	--	--	--	--	--	<2	2
08...	--	--	<50	--	--	--	20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	2
29...	<20	<20	<50	<10	340	30	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	40
24...	--	--	<100	--	--	--	40	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	20
07...	--	--	<50	--	--	--	60	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	4
20...	--	--	<50	--	--	--	20	--	--
DEC									
06...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
AUG									
15...	--	--	--	--	--	--	--	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
19...	--	--	--	--	--	--	--	<20	19
19...	<40	<40	<100	<10	40	<40	<40	--	--
DEC									

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393859104404001 - SC00506504BBC1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
MAR 1992										
20...	1013	10.0	1540	7.2	<0.100	<0.020	0.90	30.9	--	--
JUN										
19...	1700	12.0	1570	7.4	<0.100	0.090	0.40	40.8	0.110	860
OCT										
20...	1000	14.0	1510	7.0	<0.100	0.040	<0.30	28.2	--	--
JUN 1993										
09...	--	15.0	1450	--	<0.100	<0.020	<0.30	31.5	0.050	740

393859104404001 - SC00506504BBC1

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)
MAR 1992									
20...	--	--	--	--	--	57	--	--	--
JUN									
19...	280	38	30	3.4	316	68	310	1230	0.2
OCT									
20...	--	--	--	--	--	80	--	--	--
JUN 1993									
09...	240	32	30	3.4	--	56	260	1110	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393859104404001 - SC00506504BBC1

WATER-QUALITY DATA

DATE	CHROMIUM,		COPPER,		IRON,		LEAD,		MANGANESE,		NICKEL,		ZINC,		COLIFORM,		STREPTOCOCCI,	
	DIS-SOLVED (UG/L AS CR)	DIS-SOLVED (UG/L AS CU)	DIS-SOLVED (UG/L AS FE)	DIS-SOLVED (UG/L AS PB)	DIS-SOLVED (UG/L AS MN)	DIS-SOLVED (UG/L AS NI)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)
MAR 1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OCT 1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OCT 1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403301 - SC00506504BBB1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL, (MG/L AS CaCO3)
APR 1988										
06...	1300	13.0	1210	7.8	<0.100	<0.020	0.80	0.310	<0.020	510
07...	1015	--	--	--	--	--	--	--	--	--
JUL										
07...	0830	--	--	--	--	--	--	--	--	--
08...	1149	12.5	1310	7.2	<0.100	<0.010	1.1	0.780	<0.020	590
SEP										
28...	0850	--	--	--	--	--	--	--	--	--
29...	1504	13.0	1210	7.5	<0.100	0.150	0.60	0.340	<0.020	550
MAR 1989										
22...	1345	--	--	--	--	--	--	--	--	--
24...	1300	12.0	1160	7.9	<0.100	0.100	0.50	0.180	<0.020	590
JUN										
07...	0850	--	--	--	--	--	--	--	--	--
07...	1515	11.0	1220	7.5	<0.200	0.070	2.7	0.020	<0.020	530
SEP										
19...	0946	--	--	--	--	--	--	--	--	--
20...	0938	12.0	1220	--	0.100	<0.020	<0.30	0.110	<0.020	540
DEC										
05...	1650	12.0	1180	7.6	<0.200	0.130	<0.30	0.320	--	--
APR 1990										
23...	0955	10.5	1210	7.6	0.200	<0.020	<0.30	1.40	--	--
JUN										
13...	0858	--	--	--	--	--	--	--	--	--
13...	1335	12.0	1010	7.5	<0.100	<0.020	<0.30	0.900	<0.020	540
NOV										
15...	1254	13.0	1230	7.5	0.500	0.030	0.50	0.050	--	--
MAR 1991										
19...	0950	10.5	1240	7.6	<0.100	<0.020	<0.30	0.500	--	--
JUN										
19...	0811	--	--	--	--	--	--	--	--	--
19...	1153	--	1250	7.6	<0.100	0.030	1.2	0.460	<0.020	580
DEC										
12...	0835	9.0	1270	8.1	<0.100	0.230	<0.30	0.350	--	--
MAR 1992										
20...	1043	10.5	1300	7.6	<0.100	<0.020	1.1	0.620	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403301 - SC00506504BBB1

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
06...	170	20	68	3.2	224	16	400	906	0.2
07...	--	--	--	--	--	--	--	--	--
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	200	24	75	3.4	209	26	470	959	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	180	22	69	3.1	220	20	430	916	0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
24...	200	21	78	3.5	224	12	470	897	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	180	20	65	3.5	214	19	420	871	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	180	22	74	3.5	215	19	400	884	--
DEC									
05...	--	--	--	--	--	17	--	884	--
APR 1990									
23...	--	--	--	--	--	24	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	180	20	95	3.3	214	20	440	916	--
NOV									
15...	--	--	--	--	--	19	--	--	--
MAR 1991									
19...	--	--	--	--	--	21	--	--	--
JUN									
19...	--	--	--	--	--	--	--	--	--
19...	200	23	74	3.6	225	19	400	920	0.5
DEC									
12...	--	--	--	--	--	15	--	--	--
MAR 1992									
20...	--	--	--	--	--	23	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403301 - SC00506504BBB1

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOC FECAL, 0.45 FECAL, (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	<50	<10	<20	<20	<20	--	--
07...	--	--	--	--	--	--	--	<2	<2
JUL									
07...	--	--	--	--	--	--	--	<2	<2
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	<2
29...	<20	<20	<50	<10	210	20	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	20
24...	--	--	<50	--	--	--	20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	30
07...	--	--	430	--	--	--	50	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
20...	--	--	250	--	--	--	<20	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	24
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
19...	--	--	--	--	--	--	--	<20	620
19...	<40	<40	<100	<10	280	<40	<40	--	--
DEC									
12...	--	--	--	--	--	--	--	--	--
MAR 1992									
20...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403301 - SC00506504BBB1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
JUN 1992										
18...	1021	--	--	--	--	--	--	--	--	--
19...	1730	12.0	1240	7.9	<0.100	<0.020	<0.30	0.240	0.130	500
25...	1158	--	--	--	--	--	--	--	--	--
OCT										
20...	1030	14.0	1220	7.6	<0.100	0.050	<0.30	<0.020	--	--
JUN 1993										
09...	--	11.5	1220	--	<0.100	<0.020	<0.30	0.080	<0.020	510

393910104403301 - SC00506504BBB1

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
JUN 1992									
18...	--	--	--	--	--	--	--	--	--
19...	170	20	72	3.4	215	21	410	919	0.2
25...	--	--	--	--	--	--	--	--	--
OCT									
20...	--	--	--	--	--	29	--	--	--
JUN 1993									
09...	170	20	73	3.9	--	22	380	908	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403301 - SC00506504BBB1

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGANESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI, FECAL, (COLS. PER 100 ML)
JUN 1992									
18...	--	--	--	--	--	--	--	<2	--
19...	<40	<40	<100	<10	240	30	<40	--	--
25...	--	--	--	--	--	--	--	--	<2
OCT									
20...	--	--	--	--	--	--	--	--	--
JUN 1993									
09...	<20	<20	<50	<10	23	<20	20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403001 - SC00506504BBA

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
JUL 1989										
27...	0905	--	2350	7.3	0.300	2.00	1.5	30.0	--	--
DEC										
05...	1615	12.0	2570	7.3	<0.200	0.030	0.60	42.0	--	--
APR 1990										
23...	1005	11.0	2440	7.3	0.400	<0.020	1.5	41.5	--	--
JUN										
13...	0903	--	--	--	--	--	--	--	--	--
13...	1320	12.0	2320	7.3	<0.100	<0.020	1.3	50.2	<0.020	1200
NOV										
15...	1310	12.5	2540	7.3	<0.200	<0.020	1.4	36.6	--	--
MAR 1991										
19...	0930	10.0	2520	7.4	<0.100	<0.020	0.80	39.5	--	--
JUN										
19...	0818	--	--	--	--	--	--	--	--	--
19...	1209	--	2440	7.1	<0.100	0.030	1.2	40.4	0.060	1300
JUL										
11...	1138	--	--	--	0.110	<0.010	0.50	--	--	1100
DEC										
12...	0925	9.0	2420	7.6	<0.100	0.050	0.70	28.7	--	--
MAR 1992										
20...	1032	10.5	2330	7.4	<0.100	<0.020	1.6	22.2	--	--
JUN										
18...	1025	--	--	--	--	--	--	--	--	--
22...	1110	12.5	2270	7.4	<0.100	0.060	0.30	22.2	0.130	1100
25...	1202	--	--	--	--	--	--	--	--	--
OCT										
20...	1050	13.0	2210	7.3	<0.100	<0.020	0.30	18.2	--	--
JUN 1993										
09...	--	12.5	2070	--	<0.100	<0.020	0.30	15.6	0.060	930

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403001 - SC00506504BBA

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L) AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG)	SODIUM, DIS- SOLVED (MG/L) AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K)	ALKA- LITY LAB (MG/L) AS CAO3)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL)	SULFATE DIS- SOLVED (MG/L) AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L) AS CD)
JUL 1989									
27...	--	--	--	--	--	140	--	--	--
DEC									
05...	--	--	--	--	--	140	--	2080	--
APR 1990									
23...	--	--	--	--	--	130	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	400	47	190	4.0	333	130	780	2090	--
NOV									
15...	--	--	--	--	--	130	--	--	--
MAR 1991									
19...	--	--	--	--	--	120	--	--	--
JUN									
19...	--	--	--	--	--	--	--	--	--
19...	430	48	130	4.8	352	120	780	2000	0.6
JUL									
11...	370	45	130	5.5	--	100	790	--	<1.0
DEC									
12...	--	--	--	--	--	110	--	--	--
MAR 1992									
20...	--	--	--	--	--	110	--	--	--
JUN									
18...	--	--	--	--	--	--	--	--	--
22...	360	41	120	3.5	343	120	680	1810	0.1
25...	--	--	--	--	--	--	--	--	--
OCT									
20...	--	--	--	--	--	130	--	--	--
JUN 1993									
09...	320	35	120	<0.10	--	110	610	1550	0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403001 - SC00506504BBA

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGANESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI, FECAL, (COLS. PER 100 ML)
JUL 1989									
27...	--	--	--	--	--	--	--	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
19...	--	--	--	--	--	--	--	3	55
19...	<40	<40	<100	<10	40	20	<40	--	--
JUL									
11...	--	--	12	<1	110	--	--	--	--
DEC									
12...	--	--	--	--	--	--	--	--	--
MAR 1992									
20...	--	--	--	--	--	--	--	--	--
JUN									
18...	--	--	--	--	--	--	--	<2	--
22...	<40	<40	<100	<10	50	50	<40	--	--
25...	--	--	--	--	--	--	--	--	1
OCT									
20...	--	--	--	--	--	--	--	--	--
JUN 1993									
09...	<20	<20	<50	<10	20	<20	30	<20	2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393916104403101 - SC00406533CCD

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
JUL 1989										
27...	1000	--	2350	7.3	0.380	1.90	2.2	35.0	--	--
DEC										
05...	1514	12.0	2550	7.4	<0.200	<0.020	0.30	52.0	--	--
APR 1990										
23...	1114	11.0	2500	7.4	<0.100	<0.020	2.4	43.9	--	--
JUN										
13...	1034	--	--	--	--	--	--	--	--	--
13...	1557	12.5	2600	7.3	<0.100	<0.020	1.2	51.8	<0.020	1400
NOV										
16...	1034	11.5	2630	7.3	<0.200	<0.020	0.90	40.2	0.040	1400
MAR 1991										
19...	1058	11.0	2630	7.4	<0.100	<0.020	0.70	41.7	--	--
JUN										
18...	1044	--	--	--	--	--	--	--	--	--
19...	1646	12.5	2640	7.4	<0.100	0.030	0.30	41.8	0.080	1500
DEC										
12...	1050	--	2640	7.6	<0.100	0.070	<0.30	38.5	--	--
MAR 1992										
20...	0857	10.5	2640	7.2	<0.100	<0.020	1.2	35.2	--	--
JUN										
22...	1512	12.0	2640	7.4	<0.100	<0.020	1.3	39.2	0.050	1500
OCT										
20...	1220	13.0	2610	7.4	<0.100	<0.020	<0.30	35.8	--	--
JUN 1993										
09...	--	12.5	2510	--	<0.100	<0.020	0.60	39.9	0.060	1200

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93---Continued

393916104403101 - SC00406533CCD

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
JUL 1989									
27...	--	--	--	--	--	160	--	--	--
DEC									
05...	--	--	--	--	--	150	--	2070	--
APR 1990									
23...	--	--	--	--	--	150	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	490	42	99	2.0	322	160	930	2170	--
NOV									
16...	460	49	89	2.5	--	140	810	--	<1.0
MAR 1991									
19...	--	--	--	--	--	150	--	--	--
JUN									
18...	--	--	--	--	--	--	--	--	--
19...	520	51	94	2.2	330	150	890	2260	0.8
DEC									
12...	--	--	--	--	--	140	--	--	--
MAR 1992									
20...	--	--	--	--	--	140	--	--	--
JUN									
22...	530	42	110	2.7	340	140	1100	2320	0.1
OCT									
20...	--	--	--	--	--	140	--	--	--
JUN 1993									
09...	430	38	93	2.4	--	110	910	2020	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

39391610403101 - SC00406533CCD

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOC CI FECAL, (COLS. PER 100 ML)
JUL 1989									
27...	--	--	--	--	--	--	--	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	8
13...	--	--	<50	--	--	--	<20	--	--
NOV									
16...	--	--	60	<1	30	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
18...	--	--	--	--	--	--	--	<20	6
19...	<40	<40	<100	<10	<40	<40	<40	--	--
DEC									
12...	--	--	--	--	--	--	--	--	--
MAR 1992									
20...	--	--	--	--	--	--	--	--	--
JUN									
22...	<40	<40	220	<10	<40	40	<40	<2	5
OCT									
20...	--	--	--	--	--	--	--	--	--
JUN 1993									
09...	<20	<20	<50	<10	40	<20	<20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394037104391601 - SC00406533CCCC1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CaCO3)
APR 1988										
07...	1150	--	--	--	--	--	--	--	--	--
07...	1602	10.0	3300	7.2	<0.100	<0.020	2.1	--	0.090	1700
JUL										
07...	0922	--	--	--	--	--	--	--	--	--
08...	1453	11.0	3150	7.2	<0.100	<0.010	3.3	57.6	0.040	1700
SEP										
28...	1026	--	--	--	--	--	--	--	--	--
29...	1617	11.0	3190	7.2	<0.100	0.020	4.0	54.1	0.040	1800
MAR 1989										
22...	1130	--	--	--	--	--	--	--	--	--
23...	1100	12.5	3240	7.2	<0.100	<0.020	3.8	50.6	<0.020	1700
JUN										
07...	0952	--	--	--	--	--	--	--	--	--
07...	1743	10.5	3180	7.4	<0.200	<0.020	0.40	55.5	<0.020	1600
SEP										
19...	1013	--	--	--	--	--	--	--	--	--
20...	1220	12.0	3200	--	<0.100	<0.020	4.3	52.0	<0.020	1700
DEC										
05...	1435	12.0	3180	7.3	<0.200	<0.020	3.6	61.0	--	--
APR 1990										
23...	1100	10.0	3160	7.2	<0.100	<0.020	4.4	82.6	--	--
JUN										
13...	1028	--	--	--	--	--	--	--	--	--
JUN										
13-13	1540	11.0	3300	7.2	<0.100	<0.020	3.7	99.8	<0.020	1500
NOV										
15...	1351	12.5	3400	7.2	0.500	<0.020	3.6	75.2	--	--
MAR 1991										
19...	1034	10.0	3300	7.3	<0.100	<0.020	2.4	61.0	--	--
JUN										
19...	0957	--	--	--	--	--	--	--	--	--
19...	1620	12.0	3240	7.3	<0.100	0.030	1.2	71.8	0.050	1700
DEC										
12...	1035	--	3200	7.6	<0.100	0.050	2.1	48.1	--	--
MAR 1992										
20...	0830	10.0	3180	7.1	<0.100	<0.020	1.9	44.4	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394037104391601 - SC00406533CCC1

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
07...	--	--	--	--	--	--	--	--	--
07...	540	83	170	2.8	340	170	1300	3000	<0.2
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	550	76	150	3.2	305	150	1200	2730	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	580	77	160	3.2	318	160	1300	2790	0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
23...	550	80	150	3.5	332	140	1200	2790	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	510	71	150	3.4	302	150	1200	2750	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	570	75	160	3.6	307	140	1200	2780	--
DEC									
05...	--	--	--	--	--	140	--	2730	--
APR 1990									
23...	--	--	--	--	--	130	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
JUN									
13-13	510	67	250	3.0	309	130	1200	2850	--
NOV									
15...	--	--	--	--	--	140	--	--	--
MAR 1991									
19...	--	--	--	--	--	130	--	--	--
JUN									
19...	--	--	--	--	--	--	--	--	--
19...	540	81	190	3.4	309	130	1300	2870	2.6
DEC									
12...	--	--	--	--	--	120	--	--	--
MAR 1992									
20...	--	--	--	--	--	100	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394037104391601 - SC00406533CCCC1

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, 0.45 (COLS. PER 100 ML)
APR 1988									
07...	--	--	--	--	--	--	--	<2	<2
07...	<20	<20	<50	<10	40	60	<20	--	--
JUL									
07...	--	--	--	--	--	--	--	<2	2
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	4
29...	<20	<20	<50	<10	40	60	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	<2
23...	--	--	<100	--	--	--	<40	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	2
07...	--	--	<100	--	--	--	40	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
20...	--	--	<50	--	--	--	80	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
JUN									
13-13	--	--	300	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
19...	--	--	--	--	--	--	--	<20	45
19...	<40	<40	220	<10	80	60	<40	--	--
DEC									
12...	--	--	--	--	--	--	--	--	--
MAR 1992									
20...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394037104391601 - SC00406533CCC1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH	WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
JUN 1992											
22...	1455	11.5	3400	7.3	0.600	<0.020	<0.020	1.6	48.2	0.040	1800
OCT											
20...	1200	13.0	3350	7.2	<0.100	<0.020	<0.020	1.2	40.5	--	--
JUN 1993											
09...	--	11.0	3090	--	<0.100	<0.020	<0.020	0.90	39.2	0.060	1500

394037104391601 - SC00406533CCC1

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY LAB AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
JUN 1992									
22...	600	77	200	3.9	308	150	1700	2970	0.2
OCT									
20...	--	--	--	--	--	140	--	--	--
JUN 1993									
09...	490	67	200	3.4	--	91	1300	2670	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394037104391601 - SC00406533CCCC1

WATER-QUALITY DATA

DATE	CHRO-		COPPER,		IRON,		LEAD,		MANGA-		NICKEL,		ZINC,		COLI-		STREP-	
	MIUM,	DIS-	DIS-	SOLVED	DIS-	SOLVED	DIS-	SOLVED	NESE,	DIS-	DIS-	SOLVED	DIS-	SOLVED	FORM,	FECAL,	TOCOC	CI
	(UG/L	AS CR)	(UG/L	AS CU)	(UG/L	AS FE)	(UG/L	AS PB)	(UG/L	AS MN)	(UG/L	AS NI)	(UG/L	AS ZN)	0.45	UM-MF	(COLS.	PER
															100 ML)	100 ML)	100 ML)	100 ML)
JUN 1992																		
22...	<40		<40		<100		<10		60		60		<40		<2		<2	
OCT																		
20...	--		--		--		--		--		--		--		--		--	
JUN 1993																		
09...	<20		<20		<50		<10		50		<20		<20		<20		<20	

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393930104403801 - SC00406533CBC2

WATER-QUALITY DATA										
DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
JUL 1989										
27...	1030	--	2400	7.3	0.110	0.110	0.90	41.0	--	--
DEC 05...	1555	12.0	2560	7.2	<0.200	0.040	0.30	48.0	--	--
APR 1990										
23...	1128	10.5	2510	7.2	<0.100	<0.020	2.4	43.9	--	--
JUN 13...	1037	--	--	--	--	--	--	--	--	--
13...	1620	11.5	2600	7.2	<0.100	<0.020	0.90	52.1	<0.020	1200
NOV 15...	1428	11.5	2580	7.2	<0.200	<0.020	<0.30	37.4	--	--
MAR 1991										
19...	1116	10.0	2570	7.4	<0.100	<0.020	0.70	38.3	--	--
JUN 19...	1002	--	--	--	--	--	--	--	--	--
19...	1703	11.5	2560	7.3	<0.100	0.020	0.60	39.6	0.040	1400
DEC 12...	1013	--	2480	7.6	<0.100	0.040	<0.30	34.4	--	--
MAR 1992										
20...	0917	10.0	2510	7.3	<0.100	<0.020	1.0	32.8	--	--
JUN 22...	1537	12.0	2540	7.3	<0.100	0.020	0.50	32.7	0.020	1200
OCT 20...	1250	12.5	2580	7.4	<0.100	<0.020	<0.30	27.3	--	--
JUN 1993										
09...	--	12.0	2590	--	<0.100	<0.020	0.50	30.2	0.050	1300

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393930104403801 - SC00406533CBC2

WATER-QUALITY DATA									
DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINTY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
JUL 1989									
27...	--	--	--	--	--	170	--	--	--
DEC									
05...	--	--	--	--	--	160	--	2180	--
APR 1990									
23...	--	--	--	--	--	170	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	420	45	120	3.5	279	170	870	2180	--
NOV									
15...	--	--	--	--	--	150	--	--	--
MAR 1991									
19...	--	--	--	--	--	150	--	--	--
JUN									
19...	--	--	--	--	--	--	--	--	--
19...	450	56	98	2.8	272	150	790	2070	0.8
DEC									
12...	--	--	--	--	--	140	--	--	--
MAR 1992									
20...	--	--	--	--	--	150	--	--	--
JUN									
22...	400	50	96	2.9	271	160	880	2090	0.1
OCT									
20...	--	--	--	--	--	170	--	--	--
JUN 1993									
09...	440	54	110	2.9	--	170	940	2200	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393930104403801 - SC00406533CBC2

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCHI FECAL, (COLS. PER 100 ML)
JUL 1989									
27...	--	--	--	--	--	--	--	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
19...	--	--	--	--	--	--	--	<20	3
19...	<40	<40	<100	<10	<40	<40	<40	--	--
DEC									
12...	--	--	--	--	--	--	--	--	--
MAR 1992									
20...	--	--	--	--	--	--	--	--	--
JUN									
22...	<40	<40	<100	<10	<40	60	<40	<2	40
OCT									
20...	--	--	--	--	--	--	--	--	--
JUN 1993									
09...	<20	<20	<50	<10	<20	<20	<20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402301 - SC00406533BAB1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
07...	1200	--	--	--	--	--	--	--	--	--
07...	1720	12.0	2150	7.4	<0.100	<0.020	<0.30	26.0	0.030	1300
JUL										
07...	0940	--	--	--	--	--	--	--	--	--
08...	1520	13.0	2180	7.3	<0.100	<0.010	--	35.0	<0.020	1100
SEP										
28...	1040	--	--	--	--	--	--	--	--	--
29...	1744	11.5	1950	7.3	<0.100	0.200	0.80	16.8	0.020	1000
MAR 1989										
22...	1115	--	--	--	--	--	--	--	--	--
23...	1045	13.0	2230	7.4	<0.100	<0.020	0.50	25.7	<0.020	1200
JUN										
07...	1005	--	--	--	--	--	--	--	--	--
07...	1925	11.5	2150	7.3	<0.200	<0.020	<0.30	19.0	<0.020	1200
SEP										
19...	1023	--	--	--	--	--	--	--	--	--
20...	1420	12.0	2220	--	<0.100	<0.020	<0.30	26.0	<0.020	1200
DEC										
05...	1340	13.5	2280	7.3	<0.200	<0.020	<0.30	36.0	--	--
APR 1990										
23...	1145	12.0	2170	7.3	<0.100	<0.020	0.40	29.6	--	--
JUN										
13...	1045	--	--	--	--	--	--	--	--	--
13...	1640	12.5	2260	7.2	<0.100	<0.020	<0.30	33.2	<0.020	1100
NOV										
15...	1453	13.0	2270	7.2	<0.200	<0.020	<0.30	29.5	--	--
MAR 1991										
19...	1245	12.5	2280	7.4	<0.100	<0.020	0.30	32.1	--	--
JUN										
18...	1100	--	--	--	--	--	--	--	--	--
19...	1727	13.0	2290	7.3	<0.100	0.030	0.60	--	0.030	1200
DEC										
13...	1010	--	2250	7.7	0.200	<0.020	<0.30	31.2	--	--
MAR 1992										
19...	1424	11.5	2310	7.3	<0.100	<0.020	0.90	33.6	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402301 - SC00406533BAB1

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
07...	--	--	--	--	--	--	--	--	--
07...	420	53	96	2.8	300	97	840	1870	<0.2
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	370	47	91	2.7	283	88	800	1760	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	350	43	93	2.6	278	81	740	1550	0.3
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
23...	380	48	92	2.8	301	96	820	1810	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	410	37	82	2.9	281	100	750	1180	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	400	46	96	2.8	283	92	760	1810	--
DEC									
05...	--	--	--	--	--	100	--	1820	--
APR 1990									
23...	--	--	--	--	--	91	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	380	45	140	3.1	291	93	870	1850	--
NOV									
15...	--	--	--	--	--	110	--	--	--
MAR 1991									
19...	--	--	--	--	--	100	--	--	--
JUN									
18...	--	--	--	--	--	--	--	--	--
19...	390	49	130	2.4	293	110	800	1850	0.5
DEC									
13...	--	--	--	--	--	110	--	--	--
MAR 1992									
19...	--	--	--	--	--	110	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402301 - SC00406533BAB1

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGANESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI, FECAL, (COLS. PER 100 ML)
APR 1988									
07...	--	--	--	--	--	--	--	<2	<2
07...	<20	<20	<50	<10	<20	30	<20	--	--
JUL									
07...	--	--	--	--	--	--	--	<2	6
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	<2
29...	<20	<20	<50	<10	80	30	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	20
23...	--	--	<100	--	--	--	<40	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	<50	--	--	--	150	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
20...	--	--	<50	--	--	--	20	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
18...	--	--	--	--	--	--	--	<20	170
19...	<40	<40	<100	<10	<40	40	<40	--	--
DEC									
13...	--	--	--	--	--	--	--	--	--
MAR 1992									
19...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402301 - SC00406533BAB1

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
JUN 1992										
22...	1616	13.5	2230	7.5	<0.100	<0.020	<0.30	29.2	<0.020	1300
OCT										
21...	0830	14.0	2350	7.5	<0.100	<0.020	1.0	30.2	--	--
MAR 1993										
25...	0900	12.5	2340	6.8	<0.100	<0.020	0.50	36.9	--	--
JUN										
09...	--	14.5	2300	--	<0.100	<0.020	0.60	42.2	0.040	1200

393958104402301 - SC00406533BAB1

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)
JUN 1992									
22...	420	51	99	3.5	282	110	800	1780	0.1
OCT									
21...	--	--	--	--	--	140	--	--	--
MAR 1993									
25...	--	--	--	--	--	130	--	--	--
JUN									
09...	390	49	97	3.3	--	130	710	1890	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402301 - SC00406533BAB1

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML)
JUN 1992									
22...	<40	<40	<100	<10	<40	30	<40	<2	330
OCT									
21...	--	--	--	--	--	--	--	--	--
MAR 1993									
25...	--	--	--	--	--	--	--	--	--
JUN									
09...	<20	<20	<50	<10	<20	<20	20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402201 - SC00406533BAB3

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
07...	1215	--	--	--	--	--	--	--	--	--
07...	1805	8.5	1760	7.5	<0.100	<0.020	<0.30	8.76	<0.020	1300
JUL										
07...	0955	--	--	--	--	--	--	--	--	--
08...	1600	12.5	2330	7.5	<0.100	<0.010	0.80	10.2	<0.020	1200
SEP										
28...	1050	--	--	--	--	--	--	--	--	--
29...	1830	11.5	2290	7.3	<0.100	0.070	0.70	9.80	<0.020	<1200
MAR 1989										
22...	1030	--	--	--	--	--	--	--	--	--
23...	1015	12.0	2160	7.3	<0.100	<0.020	0.50	9.21	<0.020	1200
JUN										
07...	1012	--	--	--	--	--	--	--	--	--
07...	2000	11.0	2150	7.4	<0.200	0.040	0.90	10.8	<0.020	1100
SEP										
19...	1031	--	--	--	--	--	--	--	--	--
20...	1516	13.5	2190	--	<0.100	0.090	<0.30	11.0	<0.020	1100
DEC										
05...	1400	13.0	2160	7.4	<0.200	0.070	<0.30	20.0	--	--
APR 1990										
23...	1210	11.0	2070	7.3	<0.100	<0.020	0.30	19.9	--	--
JUN										
13...	1055	--	--	--	--	--	--	--	--	--
13...	1725	11.5	2140	7.4	<0.100	<0.020	0.60	24.6	<0.020	960
NOV										
15...	1504	12.5	2100	7.3	<0.200	<0.020	<0.30	20.8	--	--
MAR 1991										
19...	1300	11.0	2110	7.4	<0.100	<0.020	<0.30	23.1	--	--
JUN										
19...	1012	--	--	--	--	--	--	--	--	--
19...	1813	12.5	2070	7.4	<0.100	0.030	1.0	24.9	<0.020	930
DEC										
13...	1020	--	2050	7.9	0.200	<0.020	0.80	28.6	--	--
MAR 1992										
19...	1440	10.0	2100	7.4	<0.100	<0.020	0.80	31.3	--	--
JUN										
22...	1707	12.5	2040	7.5	<0.100	<0.020	0.80	29.1	<0.020	1100

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402201 - SC00406533BAB3

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
07...	--	--	--	--	--	--	--	--	--
07...	420	54	92	3.8	297	120	890	1900	0.2
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	410	52	92	4.1	290	120	910	1950	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	380	55	81	4.1	290	120	940	1910	0.4
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
23...	400	48	88	3.4	291	120	850	1740	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	380	44	85	4.0	288	130	780	1780	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	360	46	90	3.8	286	120	710	1730	--
DEC									
05...	--	--	--	--	--	130	--	1710	--
APR 1990									
23...	--	--	--	--	--	130	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	320	41	120	4.1	276	140	700	1760	--
NOV									
15...	--	--	--	--	--	140	--	--	--
MAR 1991									
19...	--	--	--	--	--	140	--	--	--
JUN									
19...	--	--	--	--	--	--	--	--	--
19...	310	39	130	3.6	267	130	630	1610	0.5
DEC									
13...	--	--	--	--	--	140	--	--	--
MAR 1992									
19...	--	--	--	--	--	130	--	--	--
JUN									
22...	350	43	99	3.8	254	130	820	1580	0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402201 - SC00406533BAB3

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI - FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCHI FECAL, (COLS. PER 100 ML)
APR 1988									
07...	--	--	--	--	--	--	--	<2	<2
07...	<20	<20	<50	<10	<20	40	<20	--	--
JUL									
07...	--	--	--	--	--	--	--	<2	6
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	13	16
29...	<20	<20	<50	<10	80	40	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	2
23...	--	--	200	--	--	--	<40	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	60
07...	--	--	<50	--	--	--	20	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
20...	--	--	<50	--	--	--	<20	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	8	42
JUN									
19...	--	--	--	--	--	--	--	--	--
19...	<40	<40	<100	<10	<40	<40	<40	--	--
DEC									
13...	--	--	--	--	--	--	--	--	--
MAR 1992									
19...	--	--	--	--	--	--	--	--	--
JUN									
22...	<40	<40	<100	<10	<40	20	<40	<2	2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93---Continued

393958104402201 - SC00406533BAB3									
WATER-QUALITY DATA									
DATE	TIME	TEMPER- ATURE WATER -(DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHOPHOS- PHATE SOLVED (MG/L AS P)
OCT 1992	0935	14.0	2040	7.5	<0.100	<0.020	0.90	23.3	--
21....									
MAR 1993	1005	11.5	2030	6.8	<0.100	0.020	0.30	27.0	--
25....									
JUN									
09....	--	13.5	2060	--	<0.100	<0.020	0.70	33.3	0.060
393958104402201 - SC00406533BAB3									
WATER-QUALITY DATA									
DATE	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
OCT 1992	--	--	--	--	--	140	--	--	--
21....									
MAR 1993	--	--	--	--	--	120	--	--	--
25....									
JUN									
09....	940	310	38	95	4.6	130	610	1630	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402201 - SC00406533BAB3

WATER-QUALITY DATA									
DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML)
OCT 1992									
21...	--	--	--	--	--	--	--	--	--
MAR 1993									
25...	--	--	--	--	--	--	--	--	--
JUN									
09...	<20	<20	<50	<10	<20	<20	20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394012104401501 - SC00406528CDB

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
DEC 1989	0920	11.5	2290	7.5	0.200	<0.210	<0.30	6.20	--	--
06...										
JUN 1990	1200	--	--	--	--	--	--	--	--	--
13...	1906	11.5	2450	7.2	<0.100	<0.020	0.50	3.20	<0.020	880
13...										
NOV	0919	10.5	2930	7.3	<0.200	0.030	<0.30	16.5	--	--
15...										
MAR 1991	1540	9.5	2910	7.2	<0.100	0.030	0.50	11.9	--	--
19...										
JUN	0920	13.0	2850	7.4	<0.100	0.080	0.90	13.0	0.030	1200
20...										
DEC	1035	--	2700	7.7	<0.100	<0.020	0.50	8.55	--	--
13...										
MAR 1992	1244	6.5	2770	7.4	<0.100	0.020	<0.30	13.3	--	--
20...										
JUN	1330	11.5	2860	--	<0.100	0.030	<0.30	6.60	0.040	1200
23...										
OCT	1300	13.5	2680	7.1	<0.100	0.060	<0.30	17.5	--	--
21...										
MAR 1993	1450	12.0	2710	7.6	<0.100	0.030	<0.30	16.1	--	--
25...										
JUN	--	12.0	2650	--	<0.100	0.030	0.40	19.3	0.040	1200
09...										

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394012104401501 - SC00406528CDB

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
DEC 1989 06...	--	--	--	--	--	92	--	5240	--
JUN 1990 13...	--	--	--	--	--	--	--	--	--
13...	310	29	270	7.5	301	97	1100	2060	--
NOV 15...	--	--	--	--	--	120	--	--	--
MAR 1991 19...	--	--	--	--	--	130	--	--	--
JUN 20...	410	54	220	3.4	305	120	1200	2340	0.1
DEC 13...	--	--	--	--	--	130	--	--	--
MAR 1992 20...	--	--	--	--	--	130	--	--	--
JUN 23...	370	59	200	3.4	328	150	970	2410	<0.2
OCT 21...	--	--	--	--	--	110	--	--	--
MAR 1993 25...	--	--	--	--	--	120	--	--	--
JUN 09...	390	50	170	3.4	--	98	1100	2240	<0.0

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394012104401501 - SC00406528CDB

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML)
DEC 1989									
06...	--	--	--	--	--	--	--	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
20...	<40	<40	<100	<10	380	40	<40	<20	39
DEC									
13...	--	--	--	--	--	--	--	--	--
MAR 1992									
20...	--	--	--	--	--	--	--	--	--
JUN									
23...	<40	<40	<100	<10	<40	<40	<40	<2	<2
OCT									
21...	--	--	--	--	--	--	--	--	--
MAR 1993									
25...	--	--	--	--	--	--	--	--	--
JUN									
09...	<20	<20	<50	<10	32	<20	<20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393858104382801 - SC00506503AAD

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL, (MG/L AS CaCO3)
JUL 1989										
27...	1130	--	925	7.4	0.080	<0.010	0.40	<0.100	--	--
DEC										
05...	1145	13.0	1060	7.5	<0.200	<0.020	<0.30	0.870	--	--
APR 1990										
23...	1255	10.0	1050	7.3	<0.100	<0.020	<0.30	0.020	--	--
JUN										
13...	1123	--	--	--	--	--	--	--	--	--
13...	1945	11.5	910	7.3	<0.100	<0.020	<0.30	0.100	0.040	460
NOV										
15...	1552	12.5	1060	7.3	<0.200	<0.020	<0.30	<0.020	--	--
MAR 1991										
19...	1417	10.0	1070	7.4	<0.100	<0.020	0.40	0.500	--	--
JUN										
19...	1037	--	--	--	--	--	--	--	--	--
19...	1913	11.0	1080	7.3	<0.100	0.030	2.1	0.020	0.080	440
DEC										
14...	1030	--	1070	7.7	0.400	<0.020	<0.30	<0.020	--	--
MAR 1992										
19...	1245	9.0	1070	8.0	<0.100	<0.020	0.40	<0.020	--	--
JUN										
23...	1117	12.0	1060	--	<0.100	<0.020	<0.30	<0.020	0.060	520
OCT										
21...	1133	14.0	1060	7.3	<0.100	<0.020	<0.30	<0.020	--	--
MAR 1993										
25...	1655	11.0	1060	7.5	<0.100	<0.020	<0.30	0.040	--	--
JUN										
09...	--	12.0	1060	--	<0.100	<0.020	0.40	0.030	0.100	440

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393858104382801 - SC00506503AAD

DATE	WATER-QUALITY DATA									
	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)	
JUL 1989										
27...	--	--	--	--	--	41	--	--	--	
DEC										
05...	--	--	--	--	--	49	--	710	--	
APR 1990										
23...	--	--	--	--	--	43	--	--	--	
JUN										
13...	--	--	--	--	--	--	--	--	--	
13...	150	19	95	4.3	305	46	200	714	--	
NOV										
15...	--	--	--	--	--	51	--	--	--	
MAR 1991										
19...	--	--	--	--	--	44	--	--	--	
JUN										
19...	--	--	--	--	--	--	--	--	--	
19...	140	20	62	4.0	325	50	210	712	0.4	
DEC										
14...	--	--	--	--	--	46	--	--	--	
MAR 1992										
19...	--	--	--	--	--	44	--	--	--	
JUN										
23...	170	25	60	3.9	317	50	210	711	0.1	
OCT										
21...	--	--	--	--	--	59	--	--	--	
MAR 1993										
25...	--	--	--	--	--	45	--	--	--	
JUN										
09...	140	20	59	4.2	--	45	150	704	0.1	

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393858104382801 - SC00506503AAD

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGANESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, 0.45 UM-MF (COLS./ 100 ML)
JUL 1989									
27...	--	--	--	--	--	--	--	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	3
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
19...	--	--	--	--	--	--	--	<20	23
19...	<40	<40	<100	<10	900	<40	<40	--	--
DEC									
14...	--	--	--	--	--	--	--	--	--
MAR 1992									
19...	--	--	--	--	--	--	--	--	--
JUN									
23...	<40	<40	<100	<10	770	<40	<40	<2	4
OCT									
21...	--	--	--	--	--	--	--	--	--
MAR 1993									
25...	--	--	--	--	--	--	--	--	--
JUN									
09...	<20	<20	<50	<10	74	20	20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393908104385901 - SC00506503ABB

WATER-QUALITY DATA										
DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
07...	1230	--	--	--	--	--	--	--	--	--
07...	1630	8.0	1130	7.4	<0.100	<0.020	<0.03	0.170	0.050	500
JUL										
07...	1020	--	--	--	--	--	--	--	--	--
08...	1700	12.5	1120	7.5	<0.100	<0.010	0.50	0.090	0.080	470
SEP										
28...	1114	--	--	--	--	--	--	--	--	--
29...	1646	15.0	1020	7.3	<0.100	<0.020	0.50	0.260	0.020	480
MAR 1989										
22...	1000	--	--	--	--	--	--	--	--	--
23...	0945	9.0	1060	7.3	<0.100	<0.020	<0.30	<0.020	<0.020	470
JUN										
07...	1034	--	--	--	--	--	--	--	--	--
07...	1815	10.0	1070	7.5	<0.200	<0.020	1.2	0.030	<0.020	440
SEP										
19...	1050	--	--	--	--	--	--	--	--	--
20...	1305	14.0	1070	--	<0.100	<0.200	0.40	0.080	0.020	460
MAR 1991										
19...	1356	9.0	1140	7.4	<0.100	<0.020	0.40	0.200	--	--
JUN										
19...	1043	--	--	--	--	--	--	--	--	--
19...	1933	11.5	1130	7.4	<0.100	0.030	1.2	<0.020	0.080	460
DEC										
14...	1100	--	1120	7.6	0.200	<0.020	<0.30	<0.020	--	--
MAR 1992										
19...	1325	7.5	1140	7.5	0.200	<0.020	0.70	<0.020	--	--
JUN										
23...	1037	12.5	1220	--	<0.100	<0.020	0.60	<0.020	0.030	500
OCT										
21...	1100	15.0	1240	7.4	<0.100	<0.020	0.70	<0.020	--	--
MAR 1993										
25...	1620	10.0	1170	7.5	<0.100	<0.020	<0.30	0.060	--	--
JUN										
09...	--	10.5	1320	--	<0.100	<0.020	0.60	0.200	0.120	550

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393908104385901 - SC00506503ABB

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
07...	--	--	--	--	--	--	--	--	--
07...	160	24	65	3.7	254	47	270	815	0.3
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	150	23	73	3.9	281	42	270	758	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	160	22	76	3.8	292	38	270	742	0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
23...	150	22	60	4.0	330	34	220	748	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	140	21	62	3.8	284	41	250	740	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	150	21	65	4.4	283	37	280	746	--
MAR 1991									
19...	--	--	--	--	--	38	--	--	--
JUN									
19...	--	--	--	--	--	--	--	--	--
19...	150	22	68	4.0	299	41	290	782	0.3
DEC									
14...	--	--	--	--	--	40	--	--	--
MAR 1992									
19...	--	--	--	--	--	38	--	--	--
JUN									
23...	160	24	84	4.3	291	52	320	867	0.3
OCT									
21...	--	--	--	--	--	59	--	--	--
MAR 1993									
25...	--	--	--	--	--	38	--	--	--
JUN									
09...	180	26	81	4.7	--	47	360	930	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393908104385901 - SC00506503ABB

WATER-QUALITY DATA												
DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCI FECAL, (COLS. PER 100 ML)			
APR 1988												
07...	--	--	--	--	--	--	--	<2	<2			
07...	<20	<20	530	<10	600	<20	<20	--	--			
JUL												
07...	--	--	--	--	--	--	--	<2	12			
08...	--	--	440	--	--	--	<20	--	--			
SEP												
28...	--	--	--	--	--	--	--	--	4			
29...	<20	<20	200	<10	500	<20	<20	--	--			
MAR 1989												
22...	--	--	--	--	--	--	--	<2	10			
23...	--	--	580	--	--	--	<20	--	--			
JUN												
07...	--	--	--	--	--	--	--	<2	<2			
07...	--	--	520	--	--	--	<20	--	--			
SEP												
19...	--	--	--	--	--	--	--	<2	<2			
20...	--	--	420	--	--	--	<20	--	--			
MAR 1991												
19...	--	--	--	--	--	--	--	--	--			
JUN												
19...	--	--	--	--	--	--	--	<20	68			
19...	<40	<40	560	<10	660	<40	<40	--	--			
DEC												
14...	--	--	--	--	--	--	--	--	--			
MAR 1992												
19...	--	--	--	--	--	--	--	--	--			
JUN												
23...	<40	<40	540	<10	460	<40	<40	<2	15			
OCT												
21...	--	--	--	--	--	--	--	--	--			
MAR 1993												
25...	--	--	--	--	--	--	--	--	--			
JUN												
09...	<20	<20	71	<10	64	20	20	<20	<20			

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393935104393001 - SC00406534CBB

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
07...	1220	--	--	--	--	--	--	--	--	--
07...	1230	--	--	--	--	--	--	--	--	--
07...	1655	7.0	1500	7.5	<0.100	<0.020	<0.30	0.380	<0.020	730
JUL										
07...	1005	--	--	--	--	--	--	--	--	--
08...	1627	12.5	1410	7.6	0.300	<0.010	0.90	0.070	0.060	560
SEP										
28...	1105	--	--	--	--	--	--	--	--	--
29...	1718	12.5	1570	7.4	<0.100	0.020	1.0	<0.020	0.020	620
MAR 1989										
22...	1015	--	--	--	--	--	--	--	--	--
23...	1000	9.0	1680	7.5	<0.100	<0.020	0.30	<0.020	<0.020	670
JUN										
07...	1023	--	--	--	--	--	--	--	--	--
07...	1900	11.0	1620	7.5	<0.200	<0.020	1.0	<0.020	<0.020	650
SEP										
19...	1040	--	--	--	--	--	--	--	--	--
20...	1341	14.0	1580	--	<0.100	<0.020	0.40	0.160	<0.020	610
DEC										
05...	1310	12.5	1670	7.5	<0.200	<0.020	<0.30	0.070	--	--
APR 1990										
23...	1230	7.5	1610	7.5	<0.100	<0.020	<0.30	0.200	--	--
JUN										
13...	1107	--	--	--	--	--	--	--	--	--
13...	1755	10.5	1780	7.5	<0.100	<0.020	0.40	0.200	<0.020	630
NOV										
15...	1527	12.0	1750	7.4	<0.200	<0.020	0.30	<0.020	--	--
MAR 1991										
19...	1330	8.0	1740	7.6	<0.100	<0.020	<0.30	0.200	--	--
JUN										
19...	1026	--	--	--	--	--	--	--	--	--
19...	1841	10.5	1870	7.5	0.400	0.050	4.0	0.030	0.080	720
DEC										
12...	1315	--	1870	7.6	<0.100	0.040	1.2	<0.020	--	--
MAR 1992										
19...	1355	6.5	1790	7.6	<0.100	<0.020	0.60	0.020	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393935104393001 - SC00406534CBB

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
07...	--	--	--	--	--	--	--	--	--
07...	--	--	--	--	--	--	--	--	--
07...	230	39	120	5.3	369	74	490	1210	0.3
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	180	30	110	5.1	311	58	370	1020	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	190	34	120	5.2	316	74	440	1100	0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
23...	210	37	110	4.5	321	84	490	1230	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	200	33	110	4.8	319	90	500	1180	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	190	31	110	5.3	304	73	470	1140	--
DEC									
05...	--	--	--	--	--	85	--	1220	--
APR 1990									
23...	--	--	--	--	--	83	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	200	33	180	5.8	302	93	570	1310	--
NOV									
15...	--	--	--	--	--	92	--	--	--
MAR 1991									
19...	--	--	--	--	--	82	--	--	--
JUN									
19...	--	--	--	--	--	--	--	--	--
19...	220	39	140	5.8	314	110	610	1370	0.6
DEC									
12...	--	--	--	--	--	100	--	--	--
MAR 1992									
19...	--	--	--	--	--	88	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393935104393001 - SC00406534CBB

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, 0.45 FECAL, (COLS. PER 100 ML)
APR 1988									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	--	--	--	--	--	<2	<2
07...	<20	<20	<50	<10	170	<20	<20	--	--
JUL									
07...	--	--	--	--	--	--	--	<2	<2
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	--	<2
29...	<20	<20	<50	<10	610	<20	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	5
23...	--	--	<50	--	--	--	<20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	2
07...	--	--	<50	--	--	--	40	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
20...	--	--	<50	--	--	--	<20	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
19...	--	--	--	--	--	--	--	<20	--
19...	<40	<40	<100	<10	720	<40	<40	--	--
DEC									
12...	--	--	--	--	--	--	--	--	--
MAR 1992									
19...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393935104393001 - SC00406534CBB

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH	WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
JUN 1992											
23...	1000	12.0	1740	--	--	<0.100	<0.020	<0.30	<0.020	0.070	670
OCT											
21...	1016	15.0	1990	7.4	7.4	0.200	<0.020	0.40	0.030	--	--
MAR 1993											
25...	1530	9.0	1730	7.6	7.6	<0.100	<0.020	<0.30	0.110	--	--
JUN											
09...	--	10.5	1740	--	--	<0.100	<0.020	0.50	<0.020	0.070	620

393935104393001 - SC00406534CBB

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
JUN 1992									
23...	210	36	150	5.3	352	100	540	1300	<0.2
OCT									
21...	--	--	--	--	--	130	--	--	--
MAR 1993									
25...	--	--	--	--	--	82	--	--	--
JUN									
09...	190	34	130	5.2	--	77	530	1320	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393935104393001 - SC00406534CBB

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI - FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOC FECAL, (COLS. PER 100 ML)
JUN 1992									
23...	<40	<40	<100	<10	1800	<40	<40	<2	<2
OCT									
21...	--	--	--	--	--	--	--	--	--
MAR 1993									
25...	--	--	--	--	--	--	--	--	--
JUN									
09...	<20	<20	<50	<10	33	20	<20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394016104395401 - SC00406528DCA

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CaCO3)
APR 1988										
07...	0825	--	--	--	--	--	--	--	--	--
07...	1434	10.0	1610	7.5	<0.100	<0.020	<0.30	0.090	0.220	670
JUL										
07...	1050	--	--	--	--	--	--	--	--	--
08...	1305	13.0	1360	7.4	<0.010	<0.010	1.0	0.280	0.070	470
SEP										
28...	1050	--	--	--	--	--	--	--	--	--
30...	1100	15.0	1500	7.6	<0.100	<0.020	0.60	<0.020	0.070	600
MAR 1989										
22...	1430	--	--	--	--	--	--	--	--	--
24...	1345	13.0	1760	7.7	<0.100	<0.020	<0.30	<0.020	0.020	750
JUN										
07...	1124	--	--	--	--	--	--	--	--	--
07...	1637	12.0	1700	7.6	<0.200	<0.020	0.60	0.030	<0.020	720
SEP										
19...	1125	--	--	--	--	--	--	--	--	--
20...	1330	15.0	1790	--	<0.100	<0.020	<0.30	0.030	<0.020	640
DEC										
05...	0900	14.0	1720	7.4	<0.200	<0.020	<0.30	0.080	--	--
APR 1990										
23...	1345	11.5	1820	7.3	<0.100	<0.020	<0.30	<0.020	--	--
JUN										
13...	1149	--	--	--	--	--	--	--	--	--
13...	1842	12.5	1720	7.4	<0.100	<0.020	<0.30	0.200	<0.020	660
NOV										
15...	1650	14.0	1790	7.3	<0.200	<0.020	0.40	0.030	--	--
MAR 1991										
19...	1515	11.0	1760	7.4	<0.100	<0.020	0.70	<0.020	--	--
JUN										
20...	0945	--	--	--	--	--	--	--	--	--
20...	0955	12.5	1750	7.3	<0.100	0.030	0.90	<0.020	0.100	630
DEC										
13...	1240	--	1680	7.9	0.200	<0.020	0.50	<0.020	--	--
MAR 1992										
20...	1224	10.0	1690	7.5	<0.100	<0.020	0.70	<0.020	--	--
JUN										
23...	1255	13.5	1410	--	<0.100	<0.020	0.50	<0.020	0.120	470

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394016104395401 - SC00406528DCA

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
07...	--	--	--	--	--	--	--	--	--
07...	210	34	140	4.4	391	74	500	1260	<0.2
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	150	24	110	4.0	290	61	360	993	--
SEP									
28...	--	--	--	--	--	--	--	--	--
30...	190	30	130	5.1	284	82	540	1170	0.3
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
24...	250	34	150	4.9	376	80	600	1330	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	230	35	140	4.6	315	92	630	1290	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	200	33	160	5.6	288	84	540	1280	--
DEC									
05...	--	--	--	--	--	96	--	1310	--
APR 1990									
23...	--	--	--	--	--	96	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	210	36	230	5.2	282	80	550	1290	--
NOV									
15...	--	--	--	--	--	91	--	--	--
MAR 1991									
19...	--	--	--	--	--	84	--	--	--
JUN									
20...	--	--	--	--	--	--	--	--	--
20...	200	34	140	5.2	315	88	560	1260	0.3
DEC									
13...	--	--	--	--	--	74	--	--	--
MAR 1992									
20...	--	--	--	--	--	81	--	--	--
JUN									
23...	150	26	130	4.6	275	75	440	1060	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394016104395401 - SC00406528DCA

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI - FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOC CI, FECAL, 0.45 COLS. PER 100 ML)
APR 1988									
07...	--	--	--	--	--	--	--	<2	<2
07...	<20	<20	<50	<10	<20	<20	<20	--	--
JUL									
07...	--	--	--	--	--	--	--	<2	<2
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	<2
30...	<20	<20	<50	<10	20	<20	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	2
24...	--	--	<50	--	--	--	<20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	<50	--	--	--	30	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
20...	--	--	<50	--	--	--	<20	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
20...	--	--	--	--	--	--	--	<20	<20
20...	<40	<40	<100	<10	<40	<40	<40	--	--
DEC									
13...	--	--	--	--	--	--	--	--	--
MAR 1992									
20...	--	--	--	--	--	--	--	--	--
JUN									
23...	<40	<40	<100	<10	<40	<40	<40	<2	3

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394016104395401 - SC00406528DCA

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)
OCT 1992									
21...	1233	16.5	1690	7.2	<0.100	<0.020	<0.30	<0.020	--
MAR 1993									
25...	1302	12.0	2050	7.5	<0.100	<0.020	<0.30	0.050	--
JUN									
09...	--	14.0	1810	--	0.100	<0.020	0.30	<0.020	0.100

394016104395401 - SC00406528DCA

WATER-QUALITY DATA

DATE	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
OCT 1992									
21...	--	--	--	--	--	100	--	--	--
MAR 1993									
25...	--	--	--	--	--	110	--	--	--
JUN									
09...	650	200	35	140	5.2	92	600	1340	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394016104395401 - SC00406528DCA

WATER-QUALITY DATA

DATE	CHROMIUM,		COPPER,		IRON,		LEAD,		MANGANESE,		NICKEL,		ZINC,		COLIFORM,		STREPTOCOCCI,	
	DIS-SOLVED (UG/L AS CR)	DIS-SOLVED (UG/L AS CU)	DIS-SOLVED (UG/L AS FE)	DIS-SOLVED (UG/L AS PB)	DIS-SOLVED (UG/L AS MN)	DIS-SOLVED (UG/L AS NI)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)	DIS-SOLVED (UG/L AS ZN)
OCT 1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	<20	<20	<50	<10	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394031104401201 - SC00406528BDD

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
07...	0815	--	--	--	--	--	--	--	--	--
07...	1410	12.0	1130	7.4	<0.100	<0.020	0.30	0.320	0.220	450
JUL										
07...	1045	--	--	--	--	--	--	--	--	--
08...	1323	13.0	1150	7.4	<0.100	<0.010	1.8	0.280	0.020	460
SEP										
28...	1045	--	--	--	--	--	--	--	--	--
30...	1030	14.0	1370	7.4	<0.100	<0.020	0.50	0.040	0.040	600
MAR 1989										
22...	1415	--	--	--	--	--	--	--	--	--
24...	1330	15.0	1140	7.6	<0.100	<0.020	<0.30	0.380	<0.020	540
JUN										
07...	1117	--	--	--	--	--	--	--	--	--
07...	1615	12.0	1180	7.4	<0.200	<0.020	<0.30	0.270	<0.020	540
SEP										
19...	1118	--	--	--	--	--	--	--	--	--
20...	1400	14.0	1560	--	<0.100	<0.020	0.90	0.060	<0.020	700
DEC										
05...	0930	13.0	1850	7.4	<0.200	<0.020	<0.30	0.080	--	--
APR 1990										
23...	1415	11.5	1200	7.3	<0.100	<0.020	<0.30	0.400	--	--
JUN										
13...	1143	--	--	--	--	--	--	--	--	--
13...	1824	12.5	1260	7.5	<0.100	<0.020	<0.30	0.700	<0.020	560
NOV										
15...	1639	13.0	1710	7.3	<0.200	<0.020	0.70	0.040	--	--
MAR 1991										
19...	1450	11.0	1840	7.4	<0.100	<0.020	0.30	<0.020	--	--
JUN										
20...	0830	--	--	--	--	--	--	--	--	--
20...	0840	13.5	1430	7.5	<0.100	0.040	2.4	0.140	0.050	590
DEC										
13...	1225	--	1780	8.0	<0.100	<0.020	0.40	<0.020	--	--
MAR 1992										
20...	1206	10.5	1690	7.4	<0.100	<0.020	1.0	0.030	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394031104401201 - SC00406528BDD

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
07...	--	--	--	--	--	--	--	--	--
07...	140	21	58	5.2	259	42	250	763	0.3
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	150	22	60	5.0	277	43	270	807	--
SEP									
28...	--	--	--	--	--	--	--	--	--
30...	190	28	78	6.0	322	59	380	1010	0.3
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
24...	180	23	65	5.1	274	48	370	811	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	170	26	66	4.9	258	58	320	852	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	230	32	91	6.1	331	64	460	1130	--
DEC									
05...	--	--	--	--	--	85	--	1410	--
APR 1990									
23...	--	--	--	--	--	48	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	180	26	110	5.9	261	55	310	898	--
NOV									
15...	--	--	--	--	--	77	--	--	--
MAR 1991									
19...	--	--	--	--	--	75	--	--	--
JUN									
20...	--	--	--	--	--	--	--	--	--
20...	190	28	85	5.6	294	67	430	1030	0.4
DEC									
13...	--	--	--	--	--	78	--	--	--
MAR 1992									
20...	--	--	--	--	--	71	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394031104401201 - SC00406528BDD

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCOI FECAL, 0.45 FECAL, (COLS. PER 100 ML)
APR 1988									
07...	--	--	--	--	--	--	--	<2	<2
07...	<20	<20	<50	<10	40	<20	<20	--	--
JUL									
07...	--	--	--	--	--	--	--	<2	<2
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	<2
30...	<20	<20	<50	<10	110	<20	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	<2
24...	--	--	<50	--	--	--	<20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	<50	--	--	--	20	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
20...	--	--	<50	--	--	--	<20	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
20...	--	--	--	--	--	--	--	<20	16
20...	<40	<40	<100	<10	120	<40	<40	--	--
DEC									
13...	--	--	--	--	--	--	--	--	--
MAR 1992									
20...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394031104401201 - SC00406528BDD

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH	WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
JUN 1992											
23...	1217	13.0	1320	--	--	<0.100	<0.020	<0.30	0.060	0.060	630
OCT											
21...	1214	15.0	1500	7.2	7.2	0.400	<0.020	<0.30	0.030	--	--
MAR 1993											
25...	1233	12.0	1480	7.5	7.5	<0.100	<0.020	<0.30	0.340	--	--
JUN											
09...	--	14.0	1340	--	--	<0.100	<0.020	<0.30	0.310	0.060	510

394031104401201 - SC00406528BDD

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)
JUN 1992									
23...	200	29	75	5.4	272	65	380	955	0.1
OCT									
21...	--	--	--	--	--	83	--	--	--
MAR 1993									
25...	--	--	--	--	--	70	--	--	--
JUN									
09...	160	24	92	5.3	58	58	380	957	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

394031104401201 - SC00406528BDD

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)		COPPER, DIS- SOLVED (UG/L AS CU)		IRON, DIS- SOLVED (UG/L AS FE)		LEAD, DIS- SOLVED (UG/L AS PB)		MANGA- NESE, DIS- SOLVED (UG/L AS MN)		NICKEL, DIS- SOLVED (UG/L AS NI)		ZINC, DIS- SOLVED (UG/L AS ZN)		COLI - FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)		STREP- TOCOCCI FECAL, (COLS. PER 100 ML)	
	<40	--	<40	--	<100	--	<10	--	100	<40	<40	<40	<40	<2	<2	<2	<20	
JUN 1992																		
23...																		
OCT																		
21...																		
MAR 1993																		
25...																		
JUN																		
09...																		

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393829104393601 - SC00506504DDA1									
WATER-QUALITY DATA									
DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	NITRO- GEN, DIS- AMMONIA SOLVED (MG/L AS N)	NITRO- GEN, DIS- NITRITE SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
JUN 1992	0908	12.0	4050	<0.100	<0.020	1.1	65.5	0.040	2100
23...									
393829104393601 - SC00506504DDA1									
WATER-QUALITY DATA									
DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)
JUN 1992	630	120	290	5.8	426	130	1500	3590	0.1
23...									
393829104393601 - SC00506504DDA1									
WATER-QUALITY DATA									
DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML)
JUN 1992	<40	<40	<100	<10	<40	30	<40	<2	13
23...									

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393851104393502 - SC00506504ADA2

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
07...	1133	--	--	--	--	--	--	--	--	--
07...	1511	12.5	3850	7.3	<0.100	0.050	1.3	228	0.080	2600
JUL										
07...	0900	--	--	--	--	--	--	--	--	--
08...	0957	13.5	5200	7.2	<0.100	<0.010	<0.30	300	<0.020	2600
SEP										
28...	1015	--	--	--	--	--	--	--	--	--
29...	1349	12.0	5320	7.3	<0.100	0.070	0.60	258	0.020	2700
MAR 1989										
22...	1200	--	--	--	--	--	--	--	--	--
23...	1135	12.5	5650	7.5	--	--	--	--	--	--
JUN										
07...	0920	--	--	--	--	--	--	--	--	--
07...	1230	12.5	5670	7.2	<0.200	0.090	3.4	258	<0.020	2600
SEP										
19...	1000	--	--	--	--	--	--	--	--	--
20...	1130	13.0	6000	--	<0.100	0.110	1.5	310	<0.020	3000
DEC										
06...	0840	11.0	6250	7.2	<0.200	0.070	1.0	390	--	--
APR 1990										
23...	1035	12.5	6380	7.3	0.200	<0.020	2.0	422	--	--
JUN										
13...	0935	--	--	--	--	--	--	--	--	--
13...	1213	13.0	5600	7.3	<0.100	<0.020	1.6	395	<0.020	3300
NOV										
15...	1003	11.5	6670	7.3	<0.200	0.040	1.9	479	--	--
JUN 1992										
22...	1319	--	4810	7.4	<0.100	0.040	1.6	144	<0.020	2600
JUN 1993										
09...	--	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393851104393502 - SC00506504ADA2

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
07...	--	--	--	--	--	--	--	--	--
07...	790	150	270	6.3	364	280	1500	4580	<0.2
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	780	150	280	6.6	349	300	1400	4920	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	850	150	290	6.4	347	330	1500	4860	0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	800	150	300	6.3	318	390	1400	5640	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	890	180	300	7.7	328	400	1300	5610	--
DEC									
06...	--	--	--	--	--	380	--	1810	--
APR 1990									
23...	--	--	--	--	--	430	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	1000	190	500	8.0	328	450	1300	5460	--
NOV									
15...	--	--	--	--	--	67	--	--	--
JUN 1992									
22...	760	170	310	6.8	443	320	1600	4300	0.1
JUN 1993									
09...	--	--	--	--	--	--	--	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393851104393502 - SC00506504ADA2

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L) AS CR	COPPER, DIS- SOLVED (UG/L) AS CU	IRON, DIS- SOLVED (UG/L) AS FE	LEAD, DIS- SOLVED (UG/L) AS PB	MANGANESE, DIS- SOLVED (UG/L) AS MN	NICKEL, DIS- SOLVED (UG/L) AS NI	ZINC, DIS- SOLVED (UG/L) AS ZN	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, 0.45 UM-MF (COLS./ 100 ML)
APR 1988									
07...	--	--	--	--	--	--	--	<2	<2
07...	<20	<20	<50	<10	<20	130	<20	--	--
JUL									
07...	--	--	--	--	--	--	--	<2	<2
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<10	<10
29...	<20	<20	<50	<10	<20	120	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	10
23...	--	--	--	--	--	--	--	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	80
07...	--	--	<150	--	--	--	<60	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
20...	--	--	<50	--	--	--	20	--	--
DEC									
06...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
JUN 1992									
22...	<40	<40	90	<10	<40	120	<40	<2	3
JUN 1993									
09...	--	--	--	--	--	--	--	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104393604 - SC00506504AAA4

WATER-QUALITY DATA										
DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
07...	1140	--	--	--	--	--	--	--	--	--
07...	1539	11.5	1900	7.2	<0.100	<0.020	0.40	--	0.070	960
JUL										
07...	0910	--	--	--	--	--	--	--	--	--
08...	1034	12.5	1880	6.9	<0.100	<0.010	1.5	70.0	<0.020	1100
SEP										
28...	1006	--	--	--	--	--	--	--	--	--
29...	1405	11.5	1790	7.2	<0.100	<0.020	0.60	29.3	<0.020	900
MAR 1989										
22...	1145	--	--	--	--	--	--	--	--	--
23...	1115	13.5	1760	7.4	<0.100	<0.020	0.90	29.1	<0.020	870
JUN										
07...	0915	--	--	--	--	--	--	--	--	--
07...	1255	12.5	1690	7.0	<0.200	<0.020	0.70	43.3	<0.020	910
SEP										
19...	0956	--	--	--	--	--	--	--	--	--
20...	1110	12.0	1870	--	<0.100	<0.020	<0.30	22.0	<0.020	980
DEC										
06...	0815	--	1850	7.2	<0.200	<0.020	0.60	22.0	--	--
APR 1990										
23...	1020	12.0	1850	7.2	<0.100	<0.020	0.40	37.2	--	--
JUN										
13...	0923	--	--	--	--	--	--	--	--	--
13...	1305	13.0	1410	7.2	<0.100	<0.020	0.60	41.7	<0.020	940
NOV										
15...	1332	12.5	1830	7.2	<0.200	<0.020	0.30	34.6	--	--
MAR 1991										
19...	0850	12.0	1840	7.2	<0.100	<0.020	<0.30	30.8	--	--
JUN										
18...	1024	--	--	--	--	--	--	--	--	--
19...	1229	--	1870	7.1	<0.100	0.030	<0.30	41.8	0.020	1000
DEC										
12...	1230	11.5	1940	7.3	<0.100	0.050	<0.30	30.8	--	--
MAR 1992										
20...	0941	10.5	1980	7.1	<0.100	<0.020	1.0	39.4	--	--
JUN										
22...	1248	12.5	2190	7.1	<0.100	<0.020	0.30	71.0	0.030	1200

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104393604 - SC00506504AAA4

WATER-QUALITY DATA

DATE	CALCIUM DIS- (MG/L AS CA)	MAGNE- SIUM, DIS- (MG/L AS MG)	SODIUM, DIS- (MG/L AS NA)	POTAS- SIUM, DIS- (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- (MG/L AS CL)	SULFATE DIS- (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
07...	--	--	--	--	--	--	--	--	--
07...	310	45	57	5.0	309	68	520	1490	0.2
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	370	38	52	4.9	307	63	480	1500	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	290	44	59	4.7	253	78	580	1300	0.4
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
23...	280	41	55	4.5	301	58	540	1350	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	300	42	61	4.2	267	89	560	1560	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	310	47	64	5.1	286	65	540	1480	--
DEC									
06...	--	--	--	--	--	71	--	1410	--
APR 1990									
23...	--	--	--	--	--	52	--	--	--
JUN									
13...	--	--	--	--	--	--	--	--	--
13...	300	46	91	4.6	269	63	600	1430	--
NOV									
15...	--	--	--	--	--	67	--	--	--
MAR 1991									
19...	--	--	--	--	--	59	--	--	--
JUN									
18...	--	--	--	--	--	--	--	--	--
19...	330	47	66	4.4	263	64	550	1480	0.7
DEC									
12...	--	--	--	--	--	62	--	--	--
MAR 1992									
20...	--	--	--	--	--	55	--	--	--
JUN									
22...	390	55	60	5.2	266	74	760	1850	0.1

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104393604 - SC00506504AAA4

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOC CI FECAL, (COLS. PER 100 ML)
APR 1988									
07...	--	--	--	--	--	--	--	<2	<2
07...	<20	<20	<50	<10	<20	<20	20	--	--
JUL									
07...	--	--	--	--	--	--	--	<2	12
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	<2
29...	<20	<20	<50	<10	<20	30	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	2
23...	--	--	60	--	--	--	<20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	<2
07...	--	--	170	--	--	--	<20	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	7
20...	--	--	<50	--	--	--	<20	--	--
DEC									
06...	--	--	--	--	--	--	--	--	--
APR 1990									
23...	--	--	--	--	--	--	--	--	--
JUN									
13...	--	--	--	--	--	--	--	<20	<20
13...	--	--	<50	--	--	--	<20	--	--
NOV									
15...	--	--	--	--	--	--	--	--	--
MAR 1991									
19...	--	--	--	--	--	--	--	--	--
JUN									
18...	--	--	--	--	--	--	--	<20	<20
19...	<40	<40	280	<10	<40	<40	<40	--	--
DEC									
12...	--	--	--	--	--	--	--	--	--
MAR 1992									
20...	--	--	--	--	--	--	--	--	--
JUN									
22...	<40	<40	<100	<10	<40	40	<40	<2	15

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104393604 - SC00506504AAA4

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)
OCT 1992	1130	12.5	1820	7.3	<0.100	<0.020	<0.30	24.9	--
20...									
JUN 1993	--	13.0	1910	--	<0.100	<0.020	0.80	55.7	0.040
09...									

393910104393604 - SC00506504AAA4

WATER-QUALITY DATA

DATE	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
OCT 1992	--	--	--	--	--	79	--	--	--
20...									
JUN 1993	910	300	42	58	4.6	48	510	1500	<0.2
09...									

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104393604 - SC00506504AAA4									
WATER-QUALITY DATA									
	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOC CI FECAL, (COLS. PER 100 ML)
DATE									
OCT 1992	--	--	--	--	--	--	--	--	--
20...									
JUN 1993									
09...	<20	<20	<50	<10	<20	<20	20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393918104393001 - SC00406534CCB

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
MAR 1992									
20...	1116	7.0	3660	7.4	<0.100	0.050	1.3	15.3	300
MAR 1993									
25...	1550	12.5	3340	7.3	<0.100	0.040	0.30	16.4	190

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393732104394001 - SC00506509DDD2

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
06...	0930	12.0	890	7.0	<0.100	<0.020	0.70	<0.020	<0.020	360
06...	0933	--	--	--	--	--	--	<0.100	--	360
07...	0853	--	--	--	--	--	--	--	--	--
JUL										
22...	0813	12.0	890	7.1	0.200	<0.010	0.70	0.050	0.060	380
SEP										
28...	0730	--	--	--	--	--	--	--	--	--
29...	0858	12.0	860	7.4	<0.100	<0.020	0.30	<0.020	<0.020	390
MAR 1989										
24...	1400	13.0	858	7.2	<0.100	0.020	<0.30	<0.020	<0.020	380
JUN										
07...	1030	13.5	841	7.3	<0.200	<0.020	0.30	<0.020	<0.020	370
SEP										
20...	1115	12.5	820	--	<0.100	<0.020	<0.30	0.020	<0.020	310
21...	1110	--	--	--	--	--	--	--	--	--
JUN 1990										
19...	1220	14.0	830	7.4	0.080	<0.010	0.20	<0.100	--	360
JUN 1991										
18...	1424	--	844	7.6	<0.100	<0.020	<0.30	<0.020	<0.020	330
JUN 1992										
26...	1249	13.0	862	7.5	<0.100	<0.020	0.60	<0.020	<0.020	340
JUN 1993										
09...	--	13.0	906	--	<0.100	<0.020	<0.10	0.380	<0.020	390

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393732104394001 - SC00506509DDDD2

WATER-QUALITY DATA

DATE	CALCIUM		MAGNE-		SODIUM,		POTAS-		ALKA-		CHLO-		SULFATE		RESIDUE		CADMIUM	
	DIS-	SOLVED	DIS-	SOLVED	DIS-	SOLVED	DIS-	SOLVED	LAB	(MG/L	DIS-	SOLVED	DIS-	SOLVED	AT 105	DEG. C,	DIS-	SOLVED
	(MG/L	AS CA)	(MG/L	AS MG)	(MG/L	AS NA)	(MG/L	AS K)	AS	CACO3)	(MG/L	AS CL)	(MG/L	AS SO4)	(MG/L)		(UG/L	AS CD)
APR 1988																		
06...	120		15		43		6.0		260		15		210		604		0.2	
06...	120		15		46		6.5		--		15		220		--		<1.0	
07...	--		--		--		--		--		--		--		--		--	
JUL																		
22...	130		15		45		6.2		226		14		210		603		--	
SEP																		
28...	--		--		--		--		--		--		--		--		--	
29...	130		16		50		6.0		240		17		260		598		<0.2	
MAR 1989																		
24...	130		15		44		6.5		252		9.0		260		588		--	
JUN																		
07...	120		15		43		5.6		226		15		200		592		--	
SEP																		
20...	110		12		45		5.8		216		14		200		567		--	
21...	--		--		--		--		--		--		--		--		--	
JUN 1990																		
19...	120		15		50		5.9		--		15		220		--		2.0	
JUN 1991																		
18...	110		13		75		5.8		216		9.0		220		571		1.3	
JUN 1992																		
26...	110		13		45		5.5		222		20		230		566		0.1	
JUN 1993																		
09...	130		15		48		6.2		0		15		150		608		0.4	

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393732104394001 - SC00506509DDDD2

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGANESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI, FECAL, (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	1100	<10	160	<20	30	--	--
06...	--	--	1200	<5	190	--	--	--	--
07...	--	--	--	--	--	--	--	<2	<2
JUL									
22...	--	--	1300	--	--	--	<20	<2	<2
SEP									
28...	--	--	--	--	--	--	--	<2	<2
29...	<20	<20	1500	<10	180	<20	<20	--	--
MAR 1989									
24...	--	--	1200	--	--	--	<20	--	--
JUN									
07...	--	--	1200	--	--	--	<20	--	--
SEP									
20...	--	--	780	--	--	--	<20	--	--
21...	--	--	--	--	--	--	--	<2	<2
JUN 1990									
19...	--	--	540	<1	190	--	--	--	--
JUN 1991									
18...	<20	<20	92	<10	200	<20	<20	--	--
JUN 1992									
26...	<40	<40	1100	<10	180	<40	<40	<2	140
JUN 1993									
09...	<20	20	460	<10	<20	<20	<20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393801104400101 - SC005065009ACB

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CaCO3)
APR 1988										
06...	1100	14.0	785	7.7	<0.100	<0.020	1.6	0.320	0.020	210
07...	0925	--	--	--	--	--	--	--	--	--
JUL										
22...	0855	12.0	795	7.2	<0.100	<0.010	0.70	0.090	0.040	230
SEP										
28...	0815	--	--	--	--	--	--	--	--	--
29...	1015	11.5	760	7.9	<0.100	<0.020	0.40	<0.020	<0.020	230
SEP 1989										
19...	0855	--	--	--	--	--	--	--	--	--
19...	1545	13.0	790	--	<0.100	<0.020	<0.30	0.200	<0.020	240
JUN 1990										
13...	0950	15.0	640	8.0	<0.100	<0.020	0.40	0.100	<0.020	250
JUN 1991										
19...	1136	--	804	8.0	--	--	--	--	--	--
JUL										
11...	1030	--	--	--	0.020	0.780	1.3	--	--	220
JUN 1992										
26...	1200	12.0	809	7.9	<0.100	<0.020	<0.30	0.090	<0.020	220
JUN 1993										
09...	--	12.0	804	--	<0.100	<0.020	--	0.180	<0.020	230

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393801104400101 - SC005065009ACB											
WATER-QUALITY DATA											
DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)		
APR 1988											
06...	76	5.7	68	4.1	97	36	240	540	0.2	--	--
07...	--	--	--	--	--	--	--	--	--	--	--
JUL											
22...	83	6.0	69	4.3	83	38	240	518	--	--	--
SEP											
28...	--	--	--	--	--	--	--	--	--	--	--
29...	82	6.0	69	3.7	120	37	240	517	0.4	--	--
SEP 1989											
19...	--	--	--	--	--	--	--	--	--	--	--
19...	86	6.0	74	4.2	87	36	230	499	--	--	--
JUN 1990											
13...	89	7.0	120	4.7	88	37	230	517	--	--	--
JUN 1991											
19...	--	--	--	--	--	--	--	--	--	--	--
JUL											
11...	79	6.2	77	5.5	--	38	260	--	<1.0	--	--
JUN 1992											
26...	81	5.0	69	4.3	96	37	240	514	0.3	--	--
JUN 1993											
09...	84	6.0	72	4.8	--	37	190	524	0.1	--	--

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393801104400101 - SC005065009ACB

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCHI FECAL, (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	<50	<10	<20	<20	20	--	--
07...	--	--	--	--	--	--	--	<2	<2
JUL									
22...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	<2
29...	<20	<20	<50	<10	140	<20	<20	--	--
SEP 1989									
19...	--	--	--	--	--	--	--	<2	<2
19...	--	--	<50	--	--	--	<20	--	--
JUN 1990									
13...	--	--	<50	--	--	--	<20	<20	<20
JUN 1991									
19...	--	--	--	--	--	--	--	<20	10
JUL									
11...	--	--	12	<1	110	--	--	--	--
JUN 1992									
26...	<40	<40	<100	<10	<40	<40	<40	<2	3
JUN 1993									
09...	<20	<20	50	<10	50	<20	<20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393843104402402 - SC00506504CAB2

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
APR 1988										
06...	1540	15.0	800	--	1.00	0.030	1.4	0.080	<0.020	130
07...	1118	--	--	--	--	--	--	--	--	--
JUL										
07...	0813	--	--	--	--	--	--	--	--	--
07...	1715	13.0	790	10.8	0.900	<0.010	1.1	0.080	<0.020	130
SEP										
28...	0958	--	--	--	--	--	--	--	--	--
29...	1250	12.0	750	11.5	0.200	0.020	1.3	0.090	<0.020	100
MAR 1989										
22...	1315	--	--	--	--	--	--	--	--	--
24...	1215	13.5	707	11.4	<0.100	0.040	1.5	0.250	<0.020	180
JUN										
07...	0836	--	--	--	--	--	--	--	--	--
07...	1340	13.5	758	11.6	0.400	<0.020	1.3	0.300	<0.020	160
JUN 1993										
09...	--	12.5	573	--	0.300	0.560	0.30	0.710	<0.020	82

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393843104402402 - SC00506504CAB2

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L) AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG)	SODIUM, DIS- SOLVED (MG/L) AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K)	ALKA- LITY IAB (MG/L) AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL)	SULFATE DIS- SOLVED (MG/L) AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L) AS CD)
APR 1988									
06...	51	<0.20	66	4.1	--	37	100	365	<0.2
07...	--	--	--	--	--	--	--	--	--
JUL									
07...	--	--	--	--	--	--	--	--	--
07...	48	<1.0	61	3.7	--	36	110	364	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	50	<1.0	66	3.7	66	41	130	371	<0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
24...	69	2.0	67	3.9	--	37	150	380	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	71	<1.0	66	4.1	<1.0	48	140	434	--
JUN 1993									
09...	36	<1.0	68	4.3	--	40	67	332	<0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393843104402402 - SC00506504CAB2

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGANESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI, FECAL, (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	<50	<10	<20	<20	<20	--	--
07...	--	--	--	--	--	--	--	<2	4000
JUL									
07...	--	--	--	--	--	--	--	<2	63
07...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	2
29...	<20	<20	<50	<10	<20	<20	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	20
24...	--	--	<50	--	--	--	<20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	200
07...	--	--	<50	--	--	--	<20	--	--
JUN 1993									
09...	20	20	50	<10	20	20	20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393843104402403 - SC00506504CAB3

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CACO3)
SEP 1989	0935	--	--	--	--	--	--	--	--	--
19...	1845	12.0	1490	--	<0.100	<0.020	0.40	0.150	<0.020	600
JUN 1990										
13...	0842	--	--	--	--	--	--	--	--	--
13...	1435	12.0	1200	7.6	<0.100	<0.020	0.40	0.300	<0.020	570
JUN 1991										
19...	0843	--	--	--	<0.100	0.030	<0.30	0.080	<0.020	520
19...	1406	--	1380	7.3	<0.100	0.030	<0.30	0.080	<0.020	520
JUN 1992										
18...	1014	--	--	--	<0.100	<0.020	<0.30	<0.020	0.080	480
19...	1630	12.0	1400	7.9	<0.100	<0.020	<0.30	<0.020	0.080	480
25...	1144	--	--	--	--	--	--	--	--	--
JUN 1993										
09...	--	11.5	1310	--	<0.100	<0.020	<0.30	0.050	<0.020	430

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393843104402403 - SC00506504CAB3

WATER-QUALITY DATA

DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGANESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREPTOCOCCI, FECAL, 0.45 PER (COLS./ 100 ML)
SEP 1989									
19...	--	--	--	--	--	--	--	<2	<2
19...	--	--	<50	--	--	--	100	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	11
13...	--	--	<50	--	--	--	<20	--	--
JUN 1991									
19...	--	--	--	--	--	--	--	<20	<20
19...	<40	<40	<100	<10	620	<40	<40	--	--
JUN 1992									
18...	--	--	--	--	--	--	--	<2	--
19...	<40	<40	<100	<10	490	30	20	--	--
25...	--	--	--	--	--	--	--	--	<2
JUN 1993									
09...	<20	<20	<50	<10	45	<20	20	2	10

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403601 - SC00506504BBB2

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG. C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CaCO3)
APR 1988										
06...	1320	14.0	810	7.8	<0.100	<0.020	0.50	0.160	<0.020	240
07...	1020	--	--	--	--	--	--	--	--	--
JUL										
22...	0931	13.0	830	7.4	0.200	<0.010	0.80	0.060	0.050	260
SEP										
28...	0857	--	--	--	--	--	--	--	--	--
29...	1520	12.0	800	7.7	<0.100	<0.020	0.30	<0.020	<0.020	260
SEP 1989										
19...	0950	--	--	--	--	--	--	--	--	--
20...	1000	11.5	810	--	<0.100	<0.002	<0.30	0.020	<0.020	260
JUN 1990										
15...	1320	15.0	660	7.8	0.080	<0.010	0.40	<0.100	--	270
JUN 1991										
18...	1122	--	--	--	--	--	--	--	--	--
18...	1610	--	800	7.8	<0.100	0.020	<0.30	0.040	<0.020	260
JUN 1992										
24...	1254	13.0	897	--	<0.100	<0.020	0.50	<0.020	<0.020	290
JUN 1993										
09...	--	13.0	841	--	0.500	<0.020	<0.30	0.060	<0.020	270

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393843104402403 - SC00506504CAB3

WATER-QUALITY DATA									
DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINTY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)
SEP 1989									
19...	--	--	--	--	--	--	--	--	--
19...	210	19	120	6.5	138	41	590	1120	--
JUN 1990									
13...	--	--	--	--	--	--	--	--	--
13...	200	17	180	7.9	142	45	570	1110	--
JUN 1991									
19...	--	--	--	--	--	--	--	--	--
19...	180	15	96	6.8	154	43	500	1030	0.2
JUN 1992									
18...	--	--	--	--	--	--	--	--	--
19...	170	14	100	6.8	117	35	580	1050	0.5
25...	--	--	--	--	--	--	--	--	--
JUN 1993									
09...	150	12	120	7.2	--	37	490	940	0.1

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403601 - SC00506504BBB2

DATE	WATER-QUALITY DATA											
	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)			
APR 1988												
06...	89	5.4	74	4.6	235	10	190	545	<0.2			
07...	--	--	--	--	--	--	--	--	--			
JUL												
22...	95	6.0	76	4.4	212	7.0	190	549	--			
SEP												
28...	--	--	--	--	--	--	--	--	--			
29...	95	6.0	81	4.6	236	12	180	544	<0.2			
SEP 1989												
19...	--	--	--	--	--	--	--	--	--			
20...	94	6.0	85	4.6	216	12	180	553	--			
JUN 1990												
15...	96	6.3	71	4.5	--	12	180	--	<1.0			
JUN 1991												
18...	--	--	--	--	--	--	--	--	--			
18...	96	6.0	84	4.6	221	8.0	170	528	0.7			
JUN 1992												
24...	110	6.0	69	4.7	222	13	270	581	<0.2			
JUN 1993												
09...	97	6.0	78	4.9	--	16	170	555	--			

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393910104403601 - SC00506504BBB2

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCOI FECAL, (COLS. PER 100 ML)
APR 1988									
06...	<20	<20	<50	<10	<20	<20	<20	--	--
07...	--	--	--	--	--	--	--	<2	14
JUL									
22...	--	--	80	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	4
29...	<20	<20	<50	<10	20	<20	<20	--	--
SEP 1989									
19...	--	--	--	--	--	--	--	<2	<2
20...	--	--	190	--	--	--	<20	--	--
JUN 1990									
15...	--	--	8	<1	170	--	--	--	--
JUN 1991									
18...	--	--	--	--	--	--	--	<20	320
18...	<20	<20	<50	<10	<20	<20	<20	--	--
JUN 1992									
24...	<40	<40	1000	<10	230	20	<40	<2	3
JUN 1993									
09...	<20	<20	34	<10	21	20	<20	<20	<20

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402302 - SC00406533BAB2

WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE WATER (DEG C)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	HARD- NESS TOTAL (MG/L AS CaCO3)
APR 1988										
07...	1210	--	--	--	--	--	--	--	--	--
07...	1740	12.5	370	9.1	<0.100	<0.020	<0.30	--	0.020	20
JUL										
07...	0950	--	--	--	--	--	--	--	--	--
08...	1542	12.5	390	9.0	<0.100	<0.010	0.90	0.100	<0.020	35
SEP										
28...	1045	--	--	--	--	--	--	--	--	--
29...	1800	11.5	380	8.9	<0.100	0.020	0.60	0.140	<0.020	20
MAR 1989										
22...	1045	--	--	--	--	--	--	--	--	--
23...	1030	14.0	400	8.8	<0.100	<0.020	0.30	0.030	<0.020	58
JUN										
07...	1008	--	--	--	--	--	--	--	--	--
07...	1940	11.5	406	9.3	<0.200	<0.020	0.50	0.050	<0.020	32
SEP										
19...	1027	--	--	--	--	--	--	--	--	--
20...	1450	12.0	430	--	<0.100	<0.020	<0.30	0.060	<0.020	39
DEC										
05...	1413	12.0	420	8.5	--	--	--	--	--	--
JUN 1990										
13...	1049	--	--	--	--	--	--	--	--	--
13...	1655	12.0	430	8.6	<0.100	<0.020	<0.30	0.100	<0.020	39
JUN 1991										
18...	1104	--	--	--	--	--	--	--	--	--
19...	1742	12.0	443	8.6	<0.100	0.040	<0.30	0.120	<0.020	49
MAR 1992										
19...	1500	12.5	443	8.5	<0.100	<0.020	0.70	0.080	--	--
JUN										
22...	1639	13.5	442	8.5	<0.100	<0.020	<0.30	0.030	<0.020	57
OCT										
21...	0915	13.5	436	8.4	0.200	<0.020	1.0	0.060	--	--
MAR 1993										
25...	0940	12.5	446	8.3	<0.100	<0.020	<0.30	0.060	--	--
JUN										
09...	--	12.5	555	--	<0.100	<0.020	0.50	1.46	0.040	93

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402302 - SC00406533BAB2

WATER-QUALITY DATA

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE DIS- SOLVED (MG/L AS SO4)	RESIDUE AT 105 DEG. C, DIS- SOLVED (MG/L)	CADMIUM DIS- SOLVED (UG/L AS CD)
APR 1988									
07...	--	--	--	--	--	--	--	--	--
07...	7.0	0.60	74	1.7	111	17	16	199	<0.2
JUL									
07...	--	--	--	--	--	--	--	--	--
08...	11	<1.0	79	2.0	164	20	<3.0	238	--
SEP									
28...	--	--	--	--	--	--	--	--	--
29...	10	<1.0	86	2.0	176	20	<3.0	239	<0.2
MAR 1989									
22...	--	--	--	--	--	--	--	--	--
23...	20	2.0	73	2.0	185	14	10	248	--
JUN									
07...	--	--	--	--	--	--	--	--	--
07...	12	<1.0	76	2.3	182	20	8.0	248	--
SEP									
19...	--	--	--	--	--	--	--	--	--
20...	14	1.0	78	2.3	183	21	7.0	260	--
DEC									
05...	--	--	--	--	--	--	--	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	--	--
13...	14	1.0	120	2.9	196	19	<3.0	258	--
JUN 1991									
18...	--	--	--	--	--	--	--	--	--
19...	18	1.0	86	2.6	208	18	7.0	272	0.2
MAR 1992									
19...	--	--	--	--	--	19	--	--	--
JUN									
22...	21	1.0	81	2.6	209	19	<3.0	267	<0.2
OCT									
21...	--	--	--	--	--	31	--	--	--
MAR 1993									
25...	--	--	--	--	--	20	--	--	--
JUN									
09...	34	2.0	83	2.5	--	24	29	334	0.2

Table 2. Chemical analyses of water samples collected from observation wells, 1988-93--Continued

393958104402302 - SC00406533BAB2

WATER-QUALITY DATA

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	NICKEL, DIS- SOLVED (UG/L AS NI)	ZINC, DIS- SOLVED (UG/L AS ZN)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML)
APR 1988									
07...	--	--	--	--	--	--	--	<2	<2
07...	<20	<20	<50	<10	<20	<20	<20	--	--
JUL									
07...	--	--	--	--	--	--	--	<2	2
08...	--	--	<50	--	--	--	<20	--	--
SEP									
28...	--	--	--	--	--	--	--	<2	24
29...	<20	<20	<50	<10	<20	<20	<20	--	--
MAR 1989									
22...	--	--	--	--	--	--	--	<2	20
23...	--	--	130	--	--	--	<20	--	--
JUN									
07...	--	--	--	--	--	--	--	<2	2
07...	--	--	<50	--	--	--	<20	--	--
SEP									
19...	--	--	--	--	--	--	--	<2	<2
20...	--	--	<50	--	--	--	<20	--	--
DEC									
05...	--	--	--	--	--	--	--	--	--
JUN 1990									
13...	--	--	--	--	--	--	--	<20	5
13...	--	--	<50	--	--	--	<20	--	--
JUN 1991									
18...	--	--	--	--	--	--	--	<20	13
19...	<40	<40	<100	<10	40	<40	<40	--	--
MAR 1992									
19...	--	--	--	--	--	--	--	--	--
JUN									
22...	<40	<40	140	<10	50	<40	<40	<2	80
OCT									
21...	--	--	--	--	--	--	--	--	--
MAR 1993									
25...	--	--	--	--	--	--	--	--	--
JUN									
09...	<20	<20	<50	<10	70	<20	<20	<20	<20

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	3.05	AUG 16, 1989	4.02	OCT 24, 1990	8.69	APR 29, 1992	3.31
MAR 01	2.36	24	4.63	NOV 15	Dry	JUN 17	4.33
APR 05	3.07	SEP 15	5.81	DEC 11	Dry	25	4.48
05	2.79	NOV 20	8.16	JAN 18, 1991	Dry	JUL 31	5.40
JUN 30	2.67	JAN 05, 1990	5.59	28	Dry	AUG 31	4.42
AUG 23	3.25	11	6.87	FEB 12	Dry	SEP 29	Dry
SEP 14	4.15	11	5.88	MAR 19	Dry	OCT 27	Dry
27	4.31	23	6.29	APR 22	Dry	JAN 11, 1993	Dry
OCT 20	4.69	FEB 12	2.56	MAY 14	Dry	FEB 19	8.70
NOV 14	5.13	27	2.50	JUN 17	4.21	MAR 24	8.69
JAN 11, 1989	6.87	APR 04	3.04	JUL 15	Dry	APR 29	6.69
MAR 10	3.55	MAY 17	3.75	AUG 20	4.68	MAY 27	6.65
21	3.77	JUN 08	3.81	SEP 03	Dry	JUN 08	7.11
APR 17	4.02	AUG 16	6.76	26	Dry	10	8.15
JUN 06	4.33	SEP 12	7.14	NOV 08	Dry	JUL 16	7.41
26	4.75	26	8.33	FEB 21, 1992	4.26	AUG 30	8.22
JUL 27	6.71	OCT 16	8.37	MAR 26	3.26		
HIGHEST 2.36 MAR 01, 1988							
LOWEST 8.70 FEB 19, 1993							
PERIOD OF RECORD	HIGHEST 1.70 APR 13, 1981	LOWEST 8.70 FEB 19, 1993	124 ENTRIES				
RECORD AVAILABLE FROM NOV 18, 1974 TO AUG 30, 1993							

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506509ACD2
 well depth 15.4 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	14.54	AUG 24, 1989	Dry	JAN 18, 1991	Dry	JUL 31, 1992	Dry
MAR 22	12.59	SEP 15	Dry	FEB 12	Dry	AUG 31	Dry
JUN 30	12.29	NOV 20	Dry	APR 22	Dry	SEP 29	Dry
AUG 23	13.45	JAN 11, 1990	Dry	MAY 14	Dry	OCT 27	Dry
SEP 14	13.45	FEB 12	Dry	JUN 17	15.37	JAN 08, 1993	Dry
27	13.56	27	Dry	JUL 15	Dry	FEB 19	Dry
NOV 14	14.94	MAR 05	Dry	AUG 20	Dry	MAR 24	13.63
JAN 31, 1989	14.84	MAY 15	Dry	SEP 26	Dry	APR 29	14.09
MAR 10	14.91	JUN 08	Dry	NOV 08	Dry	MAY 27	14.39
21	15.03	AUG 16	Dry	JAN 28, 1992	Dry	JUN 08	14.51
APR 17	Dry	SEP 26	Dry	FEB 21	14.49	JUL 16	14.87
JUN 06	15.29	OCT 16	Dry	MAR 26	Dry	AUG 30	15.26
26	Dry	NOV 15	Dry	APR 29	15.22		
JUL 27	Dry	DEC 11	Dry	JUN 17			

PERIOD OF RECORD
 HIGHEST 12.29 JUN 30, 1988
 LOWEST 15.37 JUN 17, 1991
 HIGHEST 9.31 MAY 26, 1987
 RECORD AVAILABLE FROM MAY 15, 1984 TO AUG 30, 1993 98 ENTRIES

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506509CAC1		WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
well depth 25.2 feet							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	6.42	JUL 27, 1989	6.93	FEB 12, 1991	8.06	JUL 31, 1992	7.49
MAR 30	4.71	AUG 24	7.13	MAR 19	7.90	AUG 31	7.89
JUN 30	4.45	NOV 20	8.28	APR 22	7.83	SEP 29	8.22
AUG 25	5.79	JAN 11, 1990	7.17	MAY 14	7.79	OCT 27	8.18
SEP 14	6.18	FEB 12	7.17	JUN 17	7.74	JAN 11, 1993	7.36
27	6.26	27	7.17	JUL 15	8.28	FEB 19	6.81
OCT 20	6.26	MAY 17	6.75	AUG 20	8.65	MAR 24	6.62
NOV 14	6.10	JUN 08	7.03	SEP 26	9.21	APR 29	6.35
JAN 31, 1989	5.94	AUG 16	8.48	NOV 08	9.36	MAY 27	6.51
MAR 10	5.38	SEP 26	8.99	JAN 28, 1992	8.62	JUN 08	6.68
21	5.43	OCT 16	8.97	FEB 21	8.01	JUL 16	7.48
APR 17	5.56	NOV 15	8.7	MAR 26	6.28	AUG 30	8.16
JUN 06	6.06	DEC 11	8.47	APR 29	6.23		
26	6.16	JAN 18, 1991	8.19	JUN 17	6.70		
HIGHEST 4.45 JUN 30, 1988							
LOWEST 9.36 NOV 08, 1991							
PERIOD OF RECORD		HIGHEST 2.37 MAY 15, 1984		LOWEST 11.70 APR 13, 1981			
		RECORD AVAILABLE FROM APR 13, 1981 TO AUG 30, 1993 104 ENTRIES					

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506509BDA1
 well depth 22.2 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	6.31	JUL 27, 1989	5.39	JAN 18, 1991	7.40
MAR 30	5.95	AUG 24	7.35	FEB 12	7.3
JUN 30	6.17	SEP 15	7.26	MAR 19	7.18
AUG 23	6.59	NOV 20	7.16	APR 22	7.29
SEP 14	6.75	JAN 11, 1990	6.98	MAY 14	7.28
27	6.92	FEB 12	6.73	JUN 17	7.47
OCT 20	6.68	27	6.80	JUL 15	8.12
NOV 14	6.41	MAY 17	6.63	AUG 20	8.32
JAN 31, 1989	6.21	JUN 08	6.92	SEP 26	8.53
MAR 10	6.29	AUG 16	7.71	NOV 08	8.29
21	6.27	SEP 26	8.02	JAN 28, 1992	8.01
APR 17	6.32	OCT 16	7.82	FEB 21	7.91
JUN 06	6.51	NOV 15	7.63	MAR 26	7.62
26	6.84	DEC 11	7.44	APR 29	7.50

HIGHEST	5.39	JUL 27, 1989
LOWEST	9.33	AUG 30, 1993
HIGHEST	5.29	MAY 15, 1984
LOWEST	10.90	JUN 07, 1982
RECORD AVAILABLE FROM JUL 01, 1981 TO AUG 30, 1993		
105 ENTRIES		

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506509BAA
 well depth 24.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	5.83	JUL 27, 1989	9.08	JAN 18, 1991	9.38	JUN 17, 1992	8.80
MAR 30	6.04	AUG 24	9.11	FEB 12	9.26	JUL 31	9.76
JUN 30	5.99	NOV 20	9.38	MAR 19	8.92	AUG 31	10.20
AUG 23	7.76	JAN 11, 1990	9.16	APR 22	8.70	SEP 29	10.38
SEP 14	8.52	FEB 12	7.57	MAY 14	8.75	OCT 27	10.18
27	8.77	27	7.15	JUN 17	8.46	JAN 08, 1993	9.58
OCT 20	8.86	MAR 05	7.02	JUL 15	9.12	FEB 19	9.26
NOV 14	7.55	MAY 07	7.44	AUG 20	9.56	MAR 24	9.07
JAN 31, 1989	6.57	JUN 08	7.36	SEP 26	10.23	APR 29	8.91
MAR 10	6.44	AUG 16	9.55	NOV 08	10.02	MAY 27	8.61
21	6.35	SEP 26	9.98	JAN 28, 1992	9.34	JUN 08	8.98
APR 17	6.25	OCT 16	9.98	FEB 21	8.78	JUL 16	9.83
JUN 06	6.84	NOV 15	9.74	MAR 26	7.50	AUG 30	10.00
26	7.79	DEC 11	9.56	APR 29	7.58		
HIGHEST 5.83 FEB 05, 1988							
LOWEST 10.38 SEP 29, 1992							
PERIOD OF RECORD	HIGHEST 5.14 JUN 23, 1983			LOWEST 11.00 APR 13, 1981			
RECORD AVAILABLE FROM NOV 18, 1974 TO AUG 30, 1993 114 ENTRIES							

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506509BAA2
 well depth 31.1 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 27, 1989	10.39	SEP 26, 1990	10.90	AUG 20, 1991	10.62	OCT 27, 1992	10.89
AUG 24	10.49	OCT 16	10.81	SEP 26	11.01	JAN 08, 1993	10.35
SEP 15	9.42	NOV 15	10.52	NOV 08	10.74	FEB 19	10.17
NOV 20	10.32	DEC 11	10.34	JAN 28, 1992	10.20	MAR 24	10.01
JAN 11, 1990	10.04	JAN 18, 1991	10.17	FEB 21	9.91	APR 29	9.90
FEB 12	9.54	FEB 15	10.05	MAR 26	9.28	MAY 27	9.79
27	9.27	MAR 19	9.80	APR 29	9.17	JUN 08	10.01
MAR 05	9.13	APR 22	9.66	JUN 17	9.97	JUL 16	10.78
MAY 17	8.58	MAY 14	9.70	JUL 31	10.69	16	10.78
JUN 08	9.00	JUN 17	9.67	AUG 31	10.99	AUG 30	10.83
AUG 16	10.65	JUL 15	10.34	SEP 29	11.14		
HIGHEST 8.58 MAY 17, 1990 LOWEST 11.14 SEP 29, 1992							
PERIOD OF RECORD	HIGHEST 8.58 MAY 17, 1990	LOWEST 11.14 SEP 29, 1992	RECORD AVAILABLE FROM JUL 27, 1989 TO AUG 30, 1993				
			43 ENTRIES				

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504CAD1
 well depth 18.2 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM						
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE
FEB 05, 1988	8.73	JUN 26, 1989	9.73	MAR 19, 1991	10.59	AUG 31, 1992
MAR 30	8.34	JUL 27	9.94	APR 22	10.62	SEP 29
JUN 30	6.44	SEP 15	10.02	MAY 14	10.63	OCT 27
AUG 23	8.18	NOV 21	10.31	JUN 17	10.35	JAN 08, 1993
SEP 15	8.74	FEB 01, 1990	9.51	JUL 15	10.31	FEB 22
27	8.92	MAY 15	9.74	AUG 20	10.55	MAR 25
OCT 20	9.20	JUN 08	9.97	SEP 26	10.74	APR 29
NOV 14	9.35	AUG 16	10.48	NOV 08	10.78	MAY 27
JAN 11, 1989	10.35	SEP 26	10.51	JAN 29, 1992	10.71	JUN 08
FEB 27	9.45	OCT 16	10.55	FEB 21	10.26	JUL 16
MAR 10	9.50	NOV 15	10.59	MAR 26	9.38	AUG 30
21	9.51	DEC 11	10.61	APR 29	9.79	
APR 17	9.50	JAN 18, 1991	10.62	JUN 17	10.37	
JUN 05	9.64	FEB 12	10.60	JUL 31	10.67	
HIGHEST 6.44 JUN 30, 1988						
LOWEST 10.79 SEP 29, 1992						
PERIOD OF RECORD	HIGHEST	3.26 JUN 23, 1983	LOWEST	10.79 SEP 29, 1992	100 ENTRIES	
RECORD AVAILABLE FROM JUL 01, 1981 TO AUG 30, 1993						

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
--Continued

local well number SC00506504CAC		WATER LEVELS IN FEET BELOW LAND SURFACE DATUM	
well depth	29.0 feet		
DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20, 1988	14.38	OCT 27, 1992	14.38
		HIGHEST	14.38 OCT 20, 1988 OCT 27, 1992
		LOWEST	14.38 OCT 20, 1988 OCT 27, 1992
PERIOD OF RECORD		HIGHEST	14.38 OCT 20, 1988 OCT 27, 1992
		LOWEST	18.10 MAY 05, 1975
		RECORD AVAILABLE FROM OCT 11, 1974 TO OCT 27, 1992	
			5 ENTRIES

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504CAC2
 well depth 18.3 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM									
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	8.27	SEP 27, 1988	7.58	APR 17, 1989	7.91	NOV 21, 1989	9.00		
MAR 30	7.25	OCT 20	7.64	JUN 06	7.92	FEB 27, 1990	8.58		
JUN 30	5.83	NOV 14	7.63	26	8.18	MAR 05	8.31		
AUG 23	7.19	FEB 01, 1989	7.86	JUL 27	8.50	10	7.90		
SEP 15	7.48	MAR 21	7.87	SEP 15	8.81	MAY 17	8.47		
JUN 08, 1990	8.86	APR 22, 1991	10.10	MAR 26, 1992	10.34	MAR 25, 1993	11.37		
AUG 16	9.37	MAY 14	10.13	APR 29	10.10	APR 29	11.39		
SEP 26	9.52	JUN 17	10.03	JUN 17	10.29	MAY 27	11.40		
OCT 16	9.56	JUL 15	10.21	JUL 31	10.63	JUN 08	11.44		
NOV 13	9.65	AUG 20	10.28	AUG 31	10.85	JUL 16	11.65		
DEC 11	9.71	SEP 26	10.44	SEP 29	11.03	AUG 30	11.54		
JAN 18, 1991	9.87	NOV 08	10.56	OCT 27	11.07				
FEB 12	9.9	JAN 29, 1992	10.81	JAN 08, 1993	11.25				
MAR 19	9.96	FEB 21	10.55	FEB 22	11.12				
HIGHEST 5.83 JUN 30, 1988 LOWEST 11.65 JUL 16, 1993 HIGHEST 3.78 MAY 10, 1985 RECORD AVAILABLE FROM JAN 13, 1982 TO AUG 30, 1993 98 ENTRIES									

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504CAB1
 well depth 18.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	9.16	JUN 26, 1989	9.12	DEC 11, 1990	10.80
MAR 01	6.93	JUL 27	9.40	JAN 18, 1991	10.93
30	7.87	AUG 16	9.55	FEB 12	11.02
JUN 30	6.71	SEP 15	9.89	MAR 19	11.11
AUG 23	8.06	NOV 21	10.04	APR 22	11.25
SEP 15	8.35	JAN 11, 1990	10.22	MAY 14	11.32
27	8.41	FEB 27	9.72	JUN 17	11.33
OCT 20	8.50	MAR 05	9.61	JUL 15	11.49
NOV 14	8.50	MAY 17	9.57	AUG 20	11.58
FEB 01, 1989	8.73	JUN 08	9.72	SEP 26	11.78
MAR 10	8.75	AUG 16	10.42	NOV 08	11.94
21	8.78	SEP 26	10.60	JAN 29, 1992	12.19
APR 17	8.87	OCT 16	10.65	FEB 21	12.02
JUN 06	8.96	NOV 15	10.75	MAR 26	11.37
				APR 29, 1992	11.57
				JUN 17	11.64
				JUL 31	11.99
				AUG 31	12.26
				SEP 29	12.50
				OCT 27	12.63
				JAN 08, 1993	12.90
				FEB 22	12.73
				MAR 25	13.04
				APR 29	13.17
				MAY 27	13.19
				JUN 08	13.26
				JUL 16	13.51
				AUG 30	13.68

PERIOD OF RECORD	HIGHEST	6.71	JUN 30, 1988
	LOWEST	13.68	AUG 30, 1993
	HIGHEST	3.98	MAY 15, 1984
	LOWEST	21.60	APR 01, 1976
RECORD AVAILABLE FROM APR 28, 1975 TO AUG 30, 1993			
112 ENTRIES			

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504BDB
 well depth 33.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	9.00	JUN 26, 1989	8.80	FEB 12, 1991	10.07	JUL 13, 1992	10.63
MAR 17	8.08	JUL 27	9.10	MAR 19	10.16	AUG 31	11.05
30	7.98	SEP 15	9.43	APR 22	10.16	SEP 30	11.32
JUN 30	4.78	NOV 21	9.62	MAY 14	10.35	OCT 27	11.27
AUG 23	6.97	JAN 11, 1990	9.80	JUN 17	10.15	JAN 08, 1993	11.59
SEP 15	7.69	FEB 27	8.65	JUL 15	10.41	FEB 22	11.65
27	7.82	MAY 17	8.61	AUG 20	10.46	MAR 25	11.77
OCT 20	7.97	JUN 09	8.69	SEP 26	10.70	APR 29	11.87
NOV 14	8.06	AUG 16	9.60	NOV 08	10.84	MAY 27	11.94
FEB 01, 1989	8.40	SEP 26	9.61	JAN 29, 1992	11.09	JUN 08	12.01
MAR 10	8.50	OCT 16	9.67	FEB 21	11.09	JUL 16	11.55
21	8.51	NOV 13	9.81	MAR 26	10.90	AUG 30	12.37
APR 17	8.58	DEC 11	9.86	APR 29	9.97		
JUN 05	8.71	JAN 23, 1991	10.00	JUN 17	10.22		
HIGHEST 4.78 JUN 30, 1988							
LOWEST 12.37 AUG 30, 1993							
HIGHEST 2.56 AUG 08, 1984							
RECORD AVAILABLE FROM NOV 18, 1974 TO AUG 30, 1993 102 ENTRIES							

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504BAC2
 well depth 19.3 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	10.67	JUN 05, 1989	10.35	DEC 11, 1990	11.47
MAR 17	9.86	26	10.43	FEB 12, 1991	11.71
30	9.75	JUL 27	10.64	MAR 19	11.76
JUN 30	8.20	SEP 15	11.08	APR 22	11.76
AUG 23	7.81	NOV 21	11.29	MAY 14	12.95
SEP 15	9.35	JAN 11, 1990	11.46	JUN 17	11.74
27	9.43	FEB 27	10.58	JUL 15	11.93
OCT 20	9.60	MAY 15	10.14	AUG 20	11.99
NOV 14	9.67	JUN 08	10.40	SEP 26	12.28
FEB 01, 1989	10.05	AUG 16	11.19	JAN 29, 1992	12.71
MAR 10	10.17	SEP 26	11.20	FEB 21	12.73
21	10.14	OCT 16	11.23	MAR 26	12.50
APR 17	10.24	NOV 13	11.40	APR 29	11.47

HIGHEST	7.81	AUG 23, 1988
LOWEST	13.85	JUL 16, 1993
HIGHEST	5.19	MAY 15, 1984
LOWEST	13.85	JUL 16, 1993
PERIOD OF RECORD	RECORD AVAILABLE FROM MAY 15, 1984 TO AUG 30, 1993	
	93 ENTRIES	

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504BBC1
 well depth 19.6 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	7.78	JUN 26, 1989	8.56	JAN 18, 1991	11.17
MAR 17	4.13	JUL 27	8.91	FEB 12	11.27
30	4.36	SEP 15	8.80	MAR 18	11.40
JUN 30	5.98	NOV 21	9.51	APR 22	11.51
AUG 23	7.09	JAN 11, 1990	9.77	MAY 14	11.55
SEP 15	7.47	FEB 27	9.96	JUN 17	8.73
27	7.56	APR 19	9.74	JUL 15	9.71
OCT 20	7.69	MAY 17	10.01	AUG 20	10.33
NOV 14	7.78	JUN 08	10.21	SEP 26	10.76
FEB 01, 1989	8.07	AUG 16	12.82	NOV 08	11.07
MAR 10	7.55	SEP 26	10.70	DEC 10	11.24
21	7.66	OCT 16	10.82	FEB 21, 1992	11.22
APR 17	7.89	NOV 13	10.94	MAR 18	8.38
JUN 06	8.37	DEC 11	11.03	26	8.66
HIGHEST 4.13 MAR 17, 1988 LOWEST 12.82 AUG 16, 1990 HIGHEST 3.35 MAY 05, 1984 LOWEST 12.82 AUG 16, 1990 RECORD AVAILABLE FROM JUL 01, 1981 TO AUG 30, 1993 96 ENTRIES					

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504BBB1
 well depth 33.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	9.86	JUL 27, 1989	9.81	JAN 18, 1991	10.27	APR 29, 1992	9.38
MAR 01	9.33	SEP 15	10.13	FEB 12	10.28	JUN 17	9.58
17	9.11	NOV 20	10.40	MAR 18	10.34	JUL 31	10.03
JUN 30	7.14	JAN 11, 1990	10.46	APR 22	10.35	AUG 31	10.64
AUG 23	8.05	16	10.14	MAY 14	10.38	SEP 29	10.98
SEP 15	8.73	FEB 12	9.90	JUN 17	9.81	OCT 27	11.04
27	8.88	27	9.63	JUL 15	10.00	JAN 08, 1993	11.10
OCT 20	9.04	MAR 05	9.04	AUG 20	10.13	FEB 22	10.96
NOV 14	9.11	APR 19	8.92	SEP 26	10.57	MAR 24	11.14
FEB 01, 1989	9.25	MAY 17	9.09	NOV 08	10.78	APR 29	10.98
MAR 10	9.24	JUN 08	9.26	DEC 10	10.82	MAY 27	11.02
21	9.23	AUG 16	10.07	JAN 29, 1992	10.90	JUN 08	11.05
APR 17	9.24	SEP 26	10.00	FEB 21	10.86	JUL 16	11.42
JUN 06	9.38	NOV 13	10.19	MAR 18	10.58	AUG 30	11.36
26	9.51	DEC 11	10.20	26	10.54		

HIGHEST	7.14	JUN 30, 1988
LOWEST	11.42	JUL 16, 1993
PERIOD OF RECORD	HIGHEST	2.96
	LOWEST	16.75
	RECORD AVAILABLE FROM JUL 10, 1981 TO AUG 30, 1993	
	105 ENTRIES	

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504BBA
 well depth 23.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 20, 1989	9.71	SEP 26, 1990	9.96	SEP 26, 1991	10.54	OCT 27, 1992	11.06
27	9.79	OCT 16	10.03	NOV 08	10.74	JAN 08, 1993	10.96
AUG 16	9.91	NOV 13	10.14	DEC 10	10.82	FEB 22	10.22
NOV 20	10.39	DEC 11	10.18	JAN 29, 1992	10.90	MAR 24	11.06
JAN 11, 1990	10.46	JAN 18, 1991	10.25	FEB 21	10.88	APR 29	11.08
FEB 12	10.02	FEB 12	10.28	MAR 18	10.68	MAY 27	11.14
27	9.71	MAR 18	10.36	26	9.20	JUN 08	11.19
MAR 05	9.15	APR 22	10.33	APR 29	9.46	JUL 16	11.51
APR 19	8.91	MAY 14	10.36	JUN 17	9.63	AUG 30	11.36
MAY 17	9.04	JUN 17	9.93	JUL 31	10.08		
JUN 08	9.23	JUL 15	10.04	AUG 31	10.64		
AUG 16	10.00	AUG 20	10.12	SEP 29	10.97		
HIGHEST 8.91 APR 19, 1990							
LOWEST 11.51 JUL 16, 1993							
PERIOD OF RECORD	HIGHEST 8.91 APR 19, 1990			LOWEST 11.51 JUL 16, 1993			
	RECORD AVAILABLE FROM JUL 20, 1989 TO AUG 30, 1993 45 ENTRIES						

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406533CCD
 well depth 19.5 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 20, 1989	9.97	SEP 26, 1990	10.20	AUG 20, 1991	10.09	AUG 31, 1992	10.38
27	10.07	OCT 16	10.21	SEP 26	10.55	SEP 30	10.80
NOV 21	10.57	NOV 13	10.23	NOV 08	10.70	OCT 27	10.87
DEC 05	10.52	DEC 11	10.20	DEC 10	10.69	JAN 08, 1993	10.60
JAN 11, 1990	10.52	JAN 18, 1991	10.19	JAN 29, 1992	10.68	FEB 22	10.71
FEB 27	9.78	FEB 12	10.15	FEB 21	10.61	MAR 24	10.64
MAR 05	9.29	MAR 18	10.16	MAR 18	10.35	APR 29	10.61
APR 19	9.05	APR 22	10.14	26	10.23	MAY 27	10.70
MAY 18	9.09	MAY 14	10.16	APR 29	8.99	JUN 08	10.80
JUN 11	9.52	JUN 17	9.46	JUN 18	9.26	JUL 16	11.18
AUG 16	10.25	JUL 15	9.83	JUL 31	9.79	AUG 30	11.20
HIGHEST 8.99 APR 29, 1992							
LOWEST 11.20 AUG 30, 1993							
PERIOD OF RECORD	HIGHEST	8.99 APR 29, 1992	LOWEST	11.20 AUG 30, 1993	44 ENTRIES		
RECORD AVAILABLE FROM JUL 20, 1989 TO AUG 30, 1993							

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406533CCCC1
 well depth 20.5 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	9.32	JUL 27, 1989	10.16	FEB 12, 1991	9.93
MAR 30	8.81	SEP 15	10.54	MAR 18	9.91
JUN 30	8.17	NOV 21	10.54	APR 22	9.82
AUG 23	9.11	JAN 11, 1990	10.41	MAY 14	9.90
SEP 15	9.41	FEB 27	9.66	JUN 17	8.40
27	9.59	APR 19	9.02	JUL 15	9.38
OCT 20	9.62	MAY 18	9.05	AUG 20	9.99
NOV 14	9.56	JUN 11	9.32	SEP 26	10.51
FEB 01, 1989	9.34	AUG 16	10.41	NOV 08	10.53
MAR 10	9.15	SEP 26	10.17	DEC 10	10.43
21	9.11	OCT 16	10.20	JAN 29, 1992	11.33
APR 17	9.08	NOV 13	10.16	FEB 21	10.25
JUN 05	9.39	DEC 11	10.11	MAR 18	9.93
26	9.59	JAN 18, 1991	9.98	26	9.76
HIGHEST 8.17 JUN 30, 1988 LOWEST 11.33 JAN 29, 1992					
PERIOD OF RECORD	HIGHEST 4.02 APR 16, 1986 LOWEST 11.33 JAN 29, 1992 RECORD AVAILABLE FROM SEP 26, 1984 TO AUG 30, 1993 91 ENTRIES				

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406533CBC2
 well depth 26.5 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 20, 1989	9.07	OCT 16, 1990	8.72	SEP 26, 1991	8.85
27	9.10	NOV 13	8.47	NOV 08	8.56
NOV 21	8.80	DEC 11	8.27	DEC 11	8.30
JAN 11, 1990	8.53	JAN 18, 1991	8.10	JAN 29, 1992	8.15
FEB 27	8.14	FEB 12	8.01	FEB 21	7.99
MAR 05	8.04	MAR 18	7.95	MAR 18	8.54
APR 19	7.51	APR 22	7.89	26	6.97
MAY 18	7.67	MAY 14	8.02	APR 29	6.83
JUN 11	8.05	JUN 17	7.52	JUN 18	7.25
AUG 16	9.11	JUL 15	8.06	JUL 31	8.10
SEP 26	8.92	AUG 20	8.50	AUG 31	8.59

HIGHEST 6.83 APR 29, 1992

LOWEST 9.15 AUG 30, 1993

PERIOD OF RECORD

HIGHEST 6.83 APR 29, 1992

LOWEST 9.15 AUG 30, 1993

RECORD AVAILABLE FROM JUL 20, 1989 TO AUG 30, 1993 43 ENTRIES

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406533BAB1		WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
well depth 28.0 feet							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 30, 1988	11.71	SEP 15, 1989	14.85	JAN 18, 1991	15.67	APR 29, 1992	15.40
JUN 30	12.54	NOV 21	14.96	FEB 12	15.63	JUN 18	15.37
AUG 23	13.41	JAN 11, 1990	14.98	MAR 18	15.63	JUL 31	15.74
SEP 15	13.60	FEB 12	14.79	APR 22	15.60	AUG 31	15.96
27	13.74	27	14.84	MAY 14	15.60	SEP 30	16.13
OCT 20	13.77	MAR 05	14.84	JUN 17	15.36	OCT 27	16.01
NOV 14	13.70	APR 19	14.87	JUL 15	15.76	JAN 08, 1993	15.75
FEB 01, 1989	13.69	MAY 18	14.93	AUG 20	16.03	FEB 22	15.40
MAR 10	13.46	JUN 11	15.09	SEP 26	16.26	MAR 24	6.36
21	13.51	AUG 16	15.65	NOV 08	16.21	APR 29	15.32
APR 17	13.60	SEP 26	15.76	DEC 11	16.09	MAY 27	15.31
JUN 05	13.86	OCT 16	15.08	FEB 25, 1992	15.91	JUN 08	15.37
26	14.06	NOV 13	15.75	MAR 18	15.75	JUL 16	15.79
JUL 31	14.52	DEC 11	15.71	26	15.33	AUG 30	16.18
HIGHEST 6.36 MAR 24, 1993							
LOWEST 16.26 SEP 26, 1991							
PERIOD OF RECORD	HIGHEST 6.36 MAR 24, 1993	LOWEST 16.26 SEP 26, 1991	RECORD AVAILABLE FROM APR 28, 1975 TO AUG 30, 1993				
							98 ENTRIES

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406533BAB3
 well depth 23.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 30, 1988	6.12	SEP 15, 1989	9.55	JAN 18, 1991	10.44	APR 29, 1992	10.12
JUN 30	7.00	NOV 21	9.65	FEB 12	10.39	JUN 18	10.02
AUG 23	7.91	JAN 11, 1990	9.66	MAR 18	10.39	JUL 31	10.48
SEP 15	8.18	FEB 12	9.33	APR 22	10.33	AUG 31	10.74
27	8.33	27	9.48	MAY 14	10.34	SEP 30	10.98
OCT 20	8.36	MAR 05	9.48	JUN 17	9.99	OCT 27	10.83
NOV 14	8.27	APR 19	9.51	JUL 15	10.47	JAN 08, 1993	10.40
FEB 01, 1989	8.25	MAY 18	9.59	AUG 20	10.85	FEB 22	9.91
MAR 10	7.93	JUN 11	9.80	SEP 26	11.14	MAR 24	10.07
21	8.02	AUG 16	10.44	NOV 08	11.07	APR 29	10.01
APR 17	8.12	SEP 26	10.56	DEC 11	10.94	MAY 27	10.01
JUN 05	8.40	OCT 16	10.62	FEB 25, 1992	10.70	JUN 08	10.08
26	8.62	NOV 13	10.54	MAR 18	10.46	JUL 16	10.59
JUL 31	9.14	DEC 11	10.48	26	10.39	AUG 30	11.05
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HIGHEST 6.12 MAR 30, 1988							
LOWEST 11.14 SEP 26, 1991							
HIGHEST 4.15 APR 16, 1986							
RECORD AVAILABLE FROM NOV 18, 1974 TO AUG 30, 1993							
LOWEST 11.14 SEP 26, 1991							
100 ENTRIES							

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406528CDB		WATER LEVELS IN FEET BELOW LAND SURFACE DATUM						
well depth 35.5 feet								
		WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 05, 1989		7.79	DEC 11, 1990	7.64	NOV 08, 1991	7.88	OCT 27, 1992	7.27
JAN 11, 1990		8.63	JAN 18, 1991	7.56	DEC 11	7.06	JAN 11, 1993	7.08
FEB 27		8.57	FEB 12	6.99	FEB 25, 1992	5.55	FEB 22	5.79
APR 19		8.56	MAR 18	7.02	MAR 19	5.33	MAR 24	5.74
MAY 18		8.74	APR 22	6.39	26	6.01	APR 29	5.77
JUN 11		8.55	MAY 14	6.56	APR 29	6.07	MAY 27	6.15
AUG 16		8.80	JUN 19	6.84	JUN 18	6.59	JUN 08	6.41
SEP 26		8.81	JUL 15	7.95	JUL 31	7.19	JUL 16	7.81
OCT 16		8.36	AUG 20	8.51	AUG 31	7.72	AUG 30	8.34
NOV 13		7.70	SEP 26	8.79	SEP 30	8.09		
		HIGHEST 5.33 MAR 19, 1992						
		LOWEST 8.81 SEP 26, 1990						
PERIOD OF RECORD		HIGHEST 5.33 MAR 19, 1992		LOWEST 8.81 SEP 26, 1990		39 ENTRIES		
		RECORD AVAILABLE FROM DEC 05, 1989 TO AUG 30, 1993						

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506503AAD
 well depth 18.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 20, 1989	6.00	NOV 13, 1990	6.31	SEP 26, 1991	6.38	SEP 30, 1992	6.07
27	5.93	DEC 11	6.01	NOV 08	6.11	OCT 27	5.78
NOV 21	5.77	JAN 18, 1991	6.03	DEC 10	5.90	JAN 11, 1993	5.33
JAN 11, 1990	5.51	FEB 12	6.11	FEB 25, 1992	5.41	FEB 19	5.14
MAR 05	5.36	MAR 18	5.83	MAR 18	3.59	MAR 25	4.95
APR 19	4.87	APR 22	5.77	26	3.81	APR 29	4.73
MAY 17	4.95	MAY 14	5.76	APR 29	3.85	MAY 27	4.45
AUG 16	6.38	JUN 18	5.78	JUN 18	4.66	JUN 08	4.63
SEP 26	6.77	JUL 15	6.42	JUL 31	5.47	JUL 16	5.40
OCT 16	6.60	AUG 20	5.86	AUG 31	5.73	AUG 30	5.02
HIGHEST 3.59 MAR 18, 1992							
LOWEST 6.77 SEP 26, 1990							
PERIOD OF RECORD	HIGHEST 3.59 MAR 18, 1992			LOWEST 6.77 SEP 26, 1990			
RECORD AVAILABLE FROM JUL 20, 1989 TO AUG 30, 1993 40 ENTRIES							

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506503ABB		WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
well depth 18.0 feet							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 30, 1988	4.07	SEP 15, 1989	6.49	MAR 18, 1991	5.63	JUL 31, 1992	5.82
JUN 30	4.83	NOV 21	6.23	APR 22	5.44	AUG 31	6.12
AUG 23	5.82	JAN 11, 1990	5.92	MAY 14	5.46	SEP 30	6.47
SEP 15	6.13	MAR 05	5.44	JUN 18	5.31	OCT 27	6.25
27	6.35	APR 19	4.29	JUL 15	6.23	JAN 11, 1993	5.65
OCT 20	6.14	MAY 17	4.72	AUG 20	5.74	FEB 22	4.50
NOV 14	5.91	JUN 11	5.11	SEP 26	6.58	MAR 25	4.63
FEB 01, 1989	5.04	AUG 16	6.47	NOV 08	6.32	APR 29	4.23
MAR 10	4.02	SEP 26	6.84	DEC 10	5.99	MAY 27	4.02
21	4.56	OCT 16	6.70	FEB 25, 1992	4.99	JUN 08	4.52
APR 17	4.05	NOV 13	6.38	MAR 18	3.83	JUL 16	5.69
JUN 05	4.75	DEC 11	6.23	26	3.75	AUG 30	5.28
24	5.25	JAN 18, 1991	6.01	APR 29	3.95		
JUL 27	6.21	FEB 12	5.87	JUN 18	4.9		
HIGHEST 3.75 MAR 26, 1992							
LOWEST 6.84 SEP 26, 1990							
HIGHEST 3.75 MAR 26, 1992		LOWEST 6.87 AUG 14, 1975					
PERIOD OF RECORD		RECORD AVAILABLE FROM NOV 18, 1974 TO AUG 30, 1993		95 ENTRIES			

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406534CBB
 well depth 16.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 30, 1988	6.37	NOV 21, 1989	9.56	APR 22, 1991	6.91	AUG 31, 1992	8.16
AUG 23	8.08	JAN 11, 1990	8.95	MAY 14	7.53	SEP 30	8.93
SEP 15	8.76	MAR 05	7.06	JUN 18	7.72	OCT 27	9.03
27	9.03	APR 19	6.52	JUL 15	8.84	JAN 11, 1993	8.01
OCT 20	9.05	MAY 17	6.39	AUG 20	8.89	FEB 22	6.91
NOV 14	8.52	JUN 11	7.10	SEP 26	9.82	MAR 24	6.80
FEB 01, 1989	7.78	AUG 16	9.25	NOV 08	9.94	APR 29	6.66
MAR 10	6.83	SEP 26	9.64	DEC 10	9.10	MAY 27	6.60
21	6.60	OCT 16	9.81	FEB 25, 1992	7.11	JUN 08	6.65
APR 17	6.53	NOV 13	9.62	MAR 18	6.81	JUL 16	7.93
JUN 05	6.37	DEC 11	9.32	26	6.17	AUG 30	8.17
26	7.28	JAN 18, 1991	9.09	APR 29	6.63		
JUL 27	8.60	FEB 12	7.92	JUN 18	6.63		
SEP 15	9.45	MAR 18	7.41	JUL 31	7.58		

HIGHEST	6.17	MAR 26, 1992
LOWEST	9.94	NOV 08, 1991
HIGHEST	5.38	MAY 05, 1975
LOWEST	9.94	NOV 08, 1991
PERIOD OF RECORD	RECORD AVAILABLE FROM NOV 18, 1974 TO AUG 30, 1993 98 ENTRIES	

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406528DCA
 well depth 20.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 30, 1988	9.49	SEP 15, 1989	9.25	MAR 18, 1991	9.96
AUG 23	9.69	NOV 21	10.02	APR 22	9.85
SEP 15	9.81	JAN 11, 1990	9.83	MAY 14	9.90
27	10.05	APR 19	9.56	JUN 19	9.97
OCT 20	9.72	MAY 18	9.56	JUL 15	10.59
NOV 14	9.58	JUN 11	9.88	AUG 20	10.54
JAN 31, 1989	9.42	AUG 16	10.78	SEP 26	11.08
MAR 10	9.47	SEP 26	10.83	NOV 08	10.70
21	9.52	OCT 16	10.60	DEC 11	10.42
APR 17	9.50	NOV 13	10.27	FEB 25, 1992	9.93
JUN 05	9.55	DEC 11	10.15	MAR 19	9.41
26	9.77	JAN 18, 1991	10.03	26	9.40
JUL 31	10.07	FEB 12	9.99	APR 29	9.38
HIGHEST 2 MAY 27, 1993 LOWEST 11.08 SEP 26, 1991					
PERIOD OF RECORD	HIGHEST	2 MAY 27, 1993	LOWEST	11.08 SEP 26, 1991	
	RECORD AVAILABLE FROM NOV 27, 1974 TO AUG 30, 1993 100 ENTRIES				

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406528BDD
 well depth 20.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 30, 1988	11.75	SEP 15, 1989	12.60	MAR 18, 1991	12.55	JUN 18, 1992	11.96
AUG 23	12.19	NOV 21	12.60	APR 22	12.46	JUL 31	13.27
SEP 15	12.29	JAN 11, 1990	12.47	MAY 14	12.48	AUG 31	12.56
27	12.43	APR 19	11.73	JUN 19	12.22	SEP 30	12.81
OCT 20	12.37	MAY 18	11.88	JUL 15	12.71	OCT 27	12.70
NOV 14	12.26	JUN 11	12.15	AUG 20	12.71	JAN 11, 1993	12.55
JAN 31, 1989	11.70	AUG 16	12.87	SEP 26	13.10	MAR 22	12.27
MAR 10	11.69	SEP 26	12.92	NOV 08	13.02	24	12.15
21	11.68	OCT 16	12.90	DEC 11	12.92	APR 29	11.78
APR 17	11.71	NOV 13	12.76	FEB 25, 1992	12.61	MAY 27	11.67
JUN 05	11.93	DEC 11	12.73	MAR 18	11.73	JUN 09	11.91
26	12.16	JAN 18, 1991	12.66	26	11.80	JUL 16	12.53
JUL 31	12.40	FEB 12	12.65	APR 29	11.67	AUG 30	12.17

HIGHEST	11.67	APR 29, 1992	MAY 27, 1993
LOWEST	13.27	JUL 31, 1992	
PERIOD OF RECORD	HIGHEST	9.32	NOV 27, 1974
	LOWEST	13.27	JUL 31, 1992
	RECORD AVAILABLE FROM	NOV 27, 1974	TO AUG 30, 1993
			98 ENTRIES

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504DDA1
 well depth 14.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 30, 1988	Dry	NOV 20, 1989	Dry	AUG 20, 1991	Dry
JUN 30	Dry	SEP 26, 1990	Dry	SEP 26	Dry
AUG 23	Dry	NOV 13	Dry	NOV 08	Dry
SEP 15	Dry	DEC 11	Dry	FEB 21, 1992	Dry
27	Dry	FEB 12, 1991	Dry	MAR 18	Dry
MAR 10, 1989	Dry	APR 22	Dry	26	12.68
21	Dry	MAY 14	Dry	APR 29	8.58
APR 17	Dry	JUN 17	Dry	JUN 22	11.16
JUN 06	Dry	JUL 15	Dry	JUL 31	12.42
HIGHEST 8.58 APR 29, 1992					
LOWEST 13.33 AUG 31, 1992					
PERIOD OF RECORD	HIGHEST 8.49 MAY 15, 1984				
	RECORD AVAILABLE FROM FEB 01, 1984 TO AUG 30, 1993				
	LOWEST 13.50 SEP 10, 1986				
	74 ENTRIES				

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504ADA2
 well depth 17.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM						
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE
MAR 30, 1988	14.88	JAN 11, 1990	15.44	APR 22, 1991	16.33	AUG 31, 1992
JUN 30	14.87	FEB 27	15.52	MAY 14	16.35	SEP 30
AUG 23	14.90	MAR 10	15.13	JUN 17	16.40	OCT 27
SEP 15	14.84	APR 19	15.48	JUL 15	16.55	JAN 08, 1993
27	14.85	MAY 18	15.47	AUG 20	16.94	FEB 22
NOV 14	14.80	JUN 08	15.66	SEP 26	17.0	MAR 24
FEB 01, 1989	14.96	AUG 16	15.84	NOV 08	16.71	APR 29
MAR 21	15.12	SEP 26	15.84	DEC 02	16.66	MAY 27
APR 17	15.23	OCT 16	15.82	FEB 21, 1992	16.95	JUN 08
JUN 06	15.20	NOV 13	15.92	MAR 18	16.88	JUL 16
26	15.28	DEC 11	15.88	26	16.69	AUG 30
JUL 27	15.30	JAN 18, 1991	16.07	APR 29	16.09	
SEP 15	15.26	FEB 12	16.09	JUN 17	16.12	
NOV 20	15.35	MAR 18	16.27	JUL 31	16.18	
HIGHEST 14.80 NOV 14, 1988						
LOWEST 17.0 SEP 26, 1991						
PERIOD OF RECORD	HIGHEST 12.59 JAN 15, 1985	LOWEST 17.0 SEP 26, 1991	RECORD AVAILABLE FROM FEB 10, 1984 TO AUG 30, 1993			
93 ENTRIES						

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504AAA4
 well depth 29.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 30, 1988	9.98	SEP 15, 1989	14.00	MAR 18, 1991	14.32
JUN 30	11.12	NOV 20	14.10	APR 22	14.37
AUG 23	12.79	JAN 11, 1990	14.17	MAY 14	14.39
SEP 15	13.22	FEB 27	14.22	JUN 17	14.40
27	13.36	APR 19	14.12	JUL 15	14.51
NOV 14	13.55	JUN 08	14.03	AUG 20	14.16
FEB 01, 1989	13.84	AUG 16	14.31	SEP 26	14.38
MAR 10	13.89	SEP 26	13.70	NOV 08	14.40
21	13.93	OCT 16	13.93	DEC 02	14.36
APR 17	13.98	NOV 13	14.02	FEB 21, 1992	14.24
JUN 06	14.05	DEC 11	14.07	MAR 18	12.60
26	14.09	JAN 18, 1991	14.17	26	12.14
JUL 27	14.18	FEB 12	14.25	APR 29	11.24
					14.44

HIGHEST	9.98	MAR 30, 1988
LOWEST	14.51	JUL 15, 1991
HIGHEST	2.25	SEP 13, 1985
RECORD AVAILABLE FROM	FEB 09, 1984	TO AUG 30, 1993
		95 ENTRIES

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406534CCB
 well depth 5.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 16, 1989	Dry	FEB 12, 1991	4.74	FEB 25, 1992	3.33	JAN 11, 1993	Dry
SEP 15	Dry	MAR 18	4.72	MAR 20	2.06	FEB 22	2.54
DEC 04	Dry	APR 22	4.72	26	2.38	MAR 24	3.13
JAN 11, 1990	Dry	MAY 14	4.72	APR 29	4.05	APR 29	3.57
APR 19	4.15	JUN 18	Dry	JUN 19	Dry	MAY 27	4.25
JUN 11	Dry	JUL 15	Dry	JUL 31	Dry	JUN 08	Dry
OCT 16	Dry	AUG 20	Dry	AUG 31	Dry	JUL 16	Dry
NOV 13	4.72	SEP 26	Dry	SEP 30	Dry	AUG 30	Dry
JAN 18, 1991	Dry	NOV 08	Dry	OCT 27	Dry		
HIGHEST 2.06 MAR 20, 1992 LOWEST 4.74 FEB 12, 1991 HIGHEST 2.06 MAR 20, 1992 RECORD AVAILABLE FROM AUG 16, 1989 TO AUG 30, 1993 35 ENTRIES							

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506509DDD2
 well depth 113 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM									
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	33.93	JUL 27, 1989	32.26	SEP 26, 1990	32.84	FEB 21, 1992	33.79		
MAR 01	33.54	AUG 16	32.27	OCT 16	32.62	MAR 26	33.81		
30	33.44	SEP 15	32.25	24	32.97	APR 29	33.86		
APR 05	33.52	15	32.12	NOV 15	32.89	JUN 17	33.73		
JUN 30	32.96	NOV 20	32.54	DEC 11	32.80	JUL 31	34.07		
AUG 23	32.35	JAN 11, 1990	32.70	JAN 18, 1991	33.03	AUG 31	33.99		
SEP 14	32.11	23	32.47	FEB 12	32.99	SEP 29	34.13		
27	32.00	FEB 12	32.35	MAR 19	32.69	OCT 27	34.14		
OCT 20	31.53	27	32.86	APR 22	33.12	JAN 11, 1993	33.87		
NOV 14	31.39	APR 04	32.44	JUN 17	33.40	FEB 19	34.04		
JAN 31, 1989	31.76	MAY 17	32.55	JUL 15	33.14	MAR 24	34.29		
MAR 10	32.19	JUN 15	32.46	AUG 20	33.60	APR 29	34.36		
21	32.15	15	33.86	SEP 03	33.72	MAY 27	34.34		
APR 17	32.10	19	32.57	26	33.69	JUN 09	34.34		
JUN 06	31.88	AUG 16	32.67	NOV 08	33.74	JUL 16	34.32		
26	32.05	SEP 12	32.83	JAN 28, 1992	33.87	AUG 30	34.57		
HIGHEST 31.39 NOV 14, 1988 LOWEST 34.57 AUG 30, 1993									
PERIOD OF RECORD HIGHEST 31.39 NOV 14, 1988 LOWEST 36.58 JUN 13, 1984 RECORD AVAILABLE FROM JUN 13, 1984 TO AUG 30, 1993 106 ENTRIES									

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC005065009ACB well depth 101 feet		WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	12.21	JUL 27, 1989	12.78	FEB 12, 1991	13.43	JUL 31, 1992	14.50
MAR 01	12.09	SEP 15	12.81	MAR 19	13.39	AUG 31	14.44
30	11.06	NOV 20	12.95	APR 22	13.49	SEP 29	14.67
JUN 30	12.10	JAN 11, 1990	12.97	MAY 14	13.52	OCT 27	14.69
AUG 23	12.21	FEB 12	12.79	JUN 17	13.64	JAN 08, 1993	14.49
SEP 14	12.27	27	12.96	JUL 15	13.84	FEB 19	14.56
OCT 20	12.40	MAY 17	12.82	AUG 20	14.00	MAR 24	14.71
NOV 14	12.25	JUN 15	13.02	SEP 26	14.17	APR 29	14.63
JAN 31, 1989	12.15	AUG 16	13.24	NOV 08	14.19	MAY 27	14.71
MAR 10	12.31	SEP 26	14.31	JAN 29, 1992	14.04	JUN 08	14.72
21	12.32	OCT 16	13.39	FEB 21	14.08	JUL 16	14.93
APR 17	12.37	NOV 15	13.43	MAR 26	14.82	16	14.93
JUN 06	12.54	DEC 11	13.38	APR 29	13.98	AUG 30	15.14
26	12.55	JAN 18, 1991	13.43	JUN 17	14.15		
HIGHEST 11.06 MAR 30, 1988							
LOWEST 15.14 AUG 30, 1993							
PERIOD OF RECORD		HIGHEST 11.02 MAR 19, 1987		LOWEST 15.14 AUG 30, 1993		94 ENTRIES	
		RECORD AVAILABLE FROM AUG 08, 1984 TO AUG 30, 1993					

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504CAB2
 well depth 107 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	24.82	JUN 26, 1989	38.05	DEC 11, 1990	21.35
MAR 01	21.58	JUL 27	23.40	JAN 18, 1991	21.34
30	20.68	AUG 16	21.76	FEB 12	21.32
JUN 30	22.01	SEP 15	21.94	MAR 19	21.33
AUG 23	21.93	NOV 21	21.10	APR 22	21.37
SEP 15	21.16	JAN 11, 1990	21.03	MAY 14	21.41
27	20.98	FEB 27	21.01	JUN 17	21.47
OCT 20	34.53	MAR 05	21.00	JUL 15	21.60
NOV 14	23.86	MAY 17	20.86	AUG 20	21.69
FEB 01, 1989	20.74	JUN 08	20.96	SEP 26	21.80
MAR 10	20.65	AUG 16	21.30	NOV 08	21.84
21	20.68	SEP 26	21.37	JAN 29, 1992	21.54
APR 17	22.83	OCT 16	21.38	FEB 21	21.52
JUN 06	21.43	NOV 15	21.36	MAR 26	21.47
HIGHEST 20.65 MAR 10, 1989 LOWEST 34.53 OCT 20, 1988 HIGHEST 18.82 JUN 13, 1984 RECORD AVAILABLE FROM APR 28, 1975 TO AUG 30, 1993 117 ENTRIES					
PERIOD OF RECORD				LOWEST 81.17 OCT 22, 1985	

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504CAB3
 well depth 108 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM							
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 27, 1989	10.07	SEP 26, 1990	11.08	SEP 26, 1991	12.30	JAN 08, 1993	13.36
AUG 18	11.33	NOV 15	11.22	NOV 08	12.45	FEB 22	13.35
SEP 15	12.09	DEC 11	11.25	JAN 29, 1992	12.68	MAR 25	13.57
NOV 21	10.49	JAN 18, 1991	11.39	FEB 21	12.57	APR 29	13.69
JAN 11, 1990	10.67	FEB 12	11.47	MAR 26	12.42	MAY 27	13.73
16	11.13	MAR 19	11.58	APR 29	12.09	JUN 08	13.80
FEB 27	10.33	APR 22	11.70	JUN 17	12.16	JUL 16	14.03
MAR 05	10.13	MAY 14	11.78	JUL 31	12.45	AUG 30	14.30
MAY 17	10.07	JUN 17	11.83	AUG 31	12.77		
JUN 08	10.15	JUL 15	11.95	SEP 29	13.02		
AUG 16	10.87	AUG 20	12.07	OCT 27	13.15		
HIGHEST 10.07 JUL 27, 1989 MAY 17, 1990							
LOWEST 14.30 AUG 30, 1993							
PERIOD OF RECORD	HIGHEST 10.07 JUL 27, 1989		LOWEST 14.30 AUG 30, 1993		41 ENTRIES		
	RECORD AVAILABLE FROM JUL 27, 1989 TO AUG 30, 1993						

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00506504BBB2
 well depth 113 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM					
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05, 1988	10.41	JUN 06, 1989	9.89	DEC 11, 1990	10.77
MAR 01	9.74	26	10.02	JAN 18, 1991	10.86
17	9.49	JUL 27	10.33	FEB 12	10.86
30	9.41	SEP 15	10.63	MAR 18	10.98
JUN 30	7.72	NOV 20	10.92	APR 22	10.95
AUG 23	8.63	JAN 11, 1990	10.97	MAY 14	10.97
SEP 15	9.26	FEB 12	10.49	JUN 17	10.39
27	9.41	27	10.23	AUG 20	10.68
OCT 20	9.57	MAR 05	9.66	SEP 26	11.15
NOV 14	9.64	MAY 17	9.67	FEB 21, 1992	11.42
FEB 01, 1989	9.77	JUN 15	9.90	MAR 18	11.10
MAR 10	9.72	AUG 16	10.61	26	12.26
21	9.70	SEP 26	10.56	APR 29	10.80
APR 17	9.73	OCT 16	10.65	JUN 17	10.10
HIGHEST 7.72 JUN 30, 1988 LOWEST 12.26 MAR 26, 1992 HIGHEST 5.68 NOV 07, 1984 RECORD AVAILABLE FROM AUG 08, 1984 TO AUG 30, 1993					
PERIOD OF RECORD	LOWEST 12.26 MAR 26, 1992 HIGHEST 5.68 NOV 07, 1984 RECORD AVAILABLE FROM AUG 08, 1984 TO AUG 30, 1993				
					89 ENTRIES

Table 3. Water levels in observation wells where ground-water samples were obtained, 1988-93
 --Continued

local well number SC00406533BAB2
 well depth 82.0 feet

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 30, 1988	11.20	SEP 15, 1989	13.18	FEB 12, 1991	14.00	JUN 18, 1992	13.92
JUN 30	11.50	NOV 21	13.39	MAR 18	14.04	JUL 31	14.13
AUG 23	11.86	JAN 11, 1990	13.47	APR 22	14.00	AUG 31	14.15
SEP 15	12.06	FEB 12	13.35	MAY 14	14.04	SEP 30	14.38
27	12.21	27	13.46	JUN 17	13.96	OCT 27	14.50
OCT 20	12.36	MAR 05	13.45	JUL 15	14.15	JAN 08, 1993	14.06
NOV 14	12.33	MAY 18	13.38	AUG 20	14.29	FEB 22	13.92
FEB 01, 1989	12.30	JUN 11	13.54	SEP 26	14.48	MAR 24	13.9
MAR 10	12.35	AUG 16	13.88	NOV 08	14.53	APR 29	13.81
21	12.35	SEP 26	14.03	DEC 11	14.33	MAY 27	13.84
APR 17	12.36	OCT 16	14.03	FEB 25, 1992	14.29	JUN 08	13.85
JUN 05	12.53	NOV 13	14.03	MAR 18	14.05	JUL 16	14.09
26	12.66	DEC 11	14.03	26	13.83	AUG 30	14.34
JUL 31	12.84	JAN 18, 1991	14.05	APR 29	14.03		

HIGHEST	11.20	MAR 30, 1988
LOWEST	14.53	NOV 08, 1991
HIGHEST	10.29	MAY 10, 1985
LOWEST	15.55	DEC 08, 1975
RECORD AVAILABLE FROM	APR 28, 1975	TO AUG 30, 1993
		99 ENTRIES