GROUND-WATER-QUALITY DATA FOR PICATINNY ARSENAL, NEW JERSEY, 1958-85

By B. Pierre Sargent, J. Wayne Green, Philip T. Harte, and Eric F. Vowinkel

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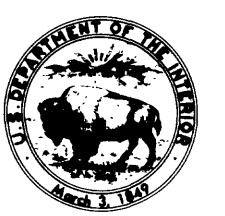

Trenton, New Jersey

1986

UNITED STATES DEPARTMENT OF THE INTERIOR

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CONVERSION FACTORS AND ABBREVIATIONS

For the convenience of readers who may prefer to use metric (International System) units rather than the inch-pound units used in this report, values may be converted by using the following factors:

Multiply	By	To obtain
	Length	
inch (in.)	25.40	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
	Area	
square mile (mi^2)	2.590	square kilometer(km^2)

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ABSTRACT

This report is one of a series resulting from an investigation by the U.S. Geological Survey of the water resources of Picatinny Arsenal in northern New Jersey. It lists the results of 1,129 analyses of ground water, including 522 determinations of inorganic constituents and 607 determinations of organic constituents. Water samples were collected from 56 wells on the site from 1958 through 1985. Of these wells, 50 are screened in stratified drift aquifers and 6 are in bedrock. Samples were collected and analyzed by a total of four agencies: one State, one Federal, and two private. Of the 1,129 samples, 51 were collected and analyzed by the U.S. Geological Survey.

The data on inorganic constituents exhibit much variability. Specific conductance ranges from 40 to 2,150 microsiemens per centimeter at 25°C, pH ranges from 2.9 to 10 units, and dissolved solids ranges from 51 to 1,210 milligrams per liter. Trace elements that display wide variations in concentration ranges are iron (<2 to 540,000 micrograms per liter (µg/L), manganese (<1 to 55,000 µg/L), and zinc (<3 to 1,900 µg/L). The organic compounds with the widest variations in concentration are: 1,2-trans-dichloroethylene (<1 to 542 µg/L), tetrachloroethylene (<1 to 386 µg/L), 1,1,1-trichloroethane (<1 to 1,780 µg/L), and trichloroethylene (<1 to 25,200 µg/L).

INTRODUCTION

Picatinny Arsenal is located in north-central New Jersey (fig. 1). The installation, known as the U.S. Army Armament Research and Development Center, employs approximately 6,400 people in research and development of munitions and weapons. The Arsenal covers 6,491 acres and contains 1,500 buildings serviced by approximately 85 miles of road.

The Arsenal has a long history of manufacturing explosives that began in the middle 1800's. In 1908, it was designated a U.S. Army Arsenal. During World War II, 20,000 people were employed producing artillery, ammunition, bombs, high explosives, pyrotechnics, and other ordnance items. The Arsenal was a major source of munitions for the Korean Conflict and the Vietnam War. The legacy of past industrial activities and past waste-disposal practices has caused surface- and ground-water contamination problems.

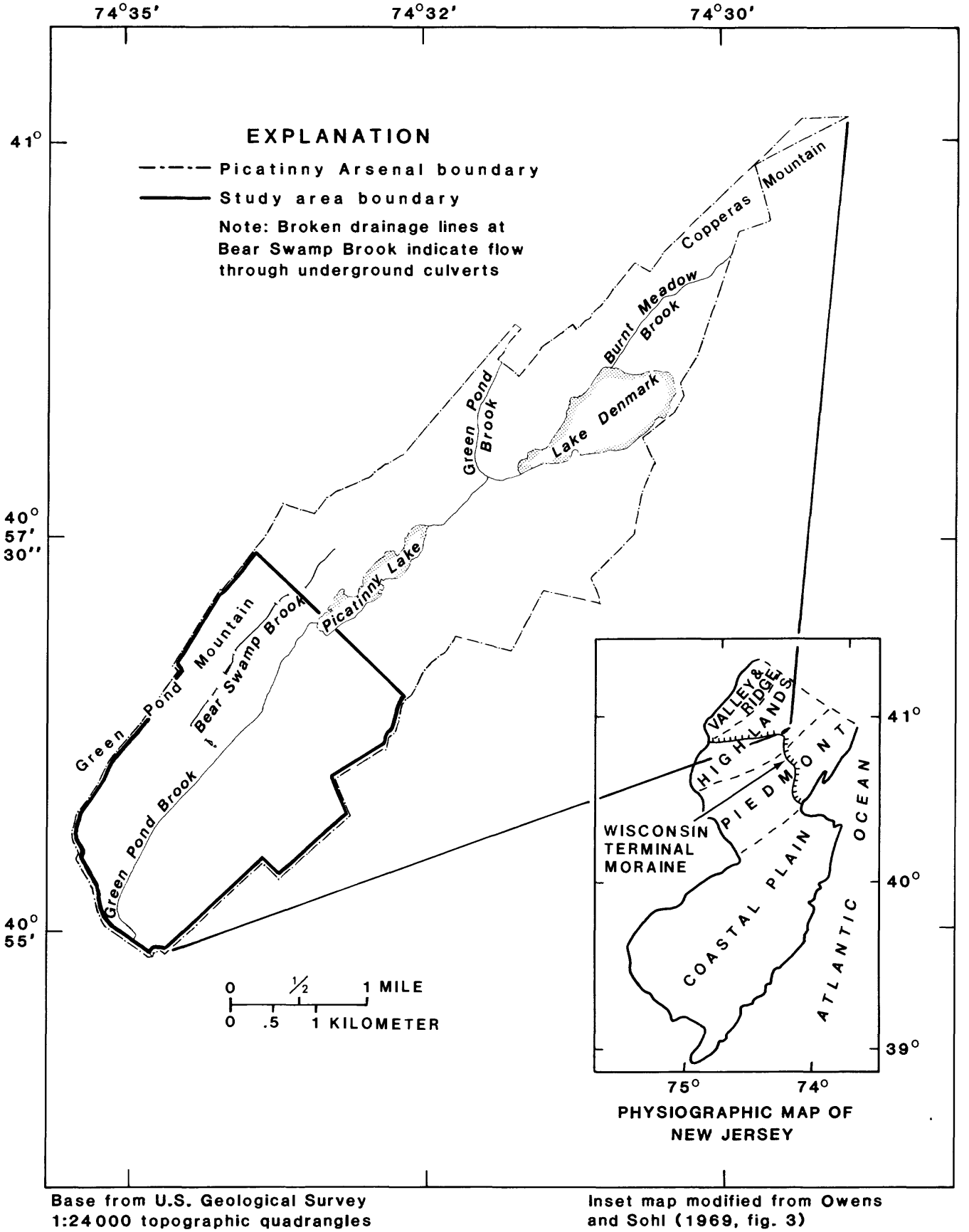

Figure 1.--Picatinny Arsenal, study area, and New Jersey physiography.

An investigation by the U.S. Army Environmental Hygiene Agency (AEHA) in 1981 detected volatile organic compounds in ground water at the Arsenal (David Bayha, U.S. Army Environmental Hygiene Agency, written commun., 1982). In September 1982, the U.S. Geological Survey began an investigation of the water resources of the Arsenal at the request of the U.S. Army Armament Research and Development Command. This report is one of a series resulting from that investigation. Other data includes: lithologic and geophysical logs of wells at the Arsenal (Philip Harte, U.S. Geological Survey, written commun., 1985) and findings of a surface geophysical survey of the Arsenal (Pierre Lacombe, U.S. Geological Survey, written commun., 1985).

Purpose and Scope

The purpose of this report is to compile ground-water-quality data collected at the Arsenal from 56 wells sampled from 1958 through 1985. The agencies that have collected inorganic ground-water-quality data at Picatinny Arsenal and the number of sample analyses performed by each are the U.S. Environmental Army Hygiene Agency (81), U.S. Geological Survey (42), Acutest, Inc.[1] (29), and Industrial Corrosion Management, Inc. (370). Organic ground-water-quality data are presented from the following agencies, followed by the number of analyses by each: New Jersey Department of Environmental Protection (NJDEP) (24), U.S. Army Environmental Hygiene Agency (113), U.S. Geological Survey (9), Acutest, Inc. (36), and Industrial Corrosion Management, Inc. (425). Chemical analyses in this report focus on sampled wells in the southwestern part of the Arsenal--the source area of the principal potable ground-water supply.

Also included in this report are data on well construction for 50 wells screened in stratified drift and 6 wells screened in bedrock. This report contains the ground-water-quality data used to interpret ground-water contamination at two sites in the southwestern part of the Arsenal (Eric Vowinkel, U.S. Geological Survey, written commun., 1985).

Well-Numbering System

The well-numbering system is one used by the U.S. Geological Survey in New Jersey for its Ground Water Site Inventory data base. The number consists of a two-digit county code followed by a one- to four-digit sequence number of the well in the county.

[1] Use of form or product names in this report is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey.

Description of the Study Area

The Arsenal occupies an elongated northeast-southwest-trending valley, bounded by Green Pond Mountain on the northwest and an unnamed ridge on the southeast. The ridges rise to altitudes of 1,100 to 1,200 feet on both sides of the valley. The Arsenal is approximately 4.5 miles long and 1.5 miles wide.

The study area is in the southwestern part of the Arsenal, in a valley southwest of Picatinny Lake. It extends from the Lake to the southern boundary of the Arsenal. This area is nearly flat and generally is at an elevation of about 700 feet above sea level.

Geologic Setting

The Arsenal is located in the central part of the New Jersey Highlands (insert map, fig. 1). The Highlands are a northeast-southwest trending system composed of folded and faulted Precambrian to Devonian rocks that form a sequence of valleys and ridges. The general stratigraphic relations, lithology, and water-bearing characteristics of the formations in the area are given in table 1. The bedrock geology of the Arsenal is shown in figure 2.

Precambrian gneiss, the oldest bedrock unit, is subdivided into three mineralogic rock types (Sims, 1958, Pl. 1) as shown in table 1. The gneiss crops out along the eastern part of the Arsenal and in part of the valley. (fig. 2). The Hardyston Quartzite of Early Cambrian age unconformably overlies the Precambrian Gneiss (Drake, 1969, p. 77). In New Jersey, the Hardyston Quartzite varies from a quartzite to a conglomerate, and ranges in thickness from a few feet to more than 200 feet (Drake, 1969, p. 78). In the southeast part of the Arsenal, it underlies a small area of the glacial deposits (fig. 2).

The Leithsville Formation is an Early to Middle Cambrian unit that conformably overlies the Hardyston Quartzite (Drake, 1969, p. 79). In general, this formation consists of dolomite with some thin interbeds of quartzitic and dolomitic sandstone (Drake, 1969, p. 80).

The Green Pond Conglomerate of Silurian age is the youngest bedrock unit. Although the conglomerate crops out along Green Pond Mountain, the contact with the underlying Leithsville Formation is not exposed. The Leithsville is interpreted to be unconformably separated from the Green Pond by the steeply dipping Green Pond Fault (Sims, 1958, Pl. 1). The Green Pond is a very coarse quartz conglomerate interbedded with and grading upward into quartzite and sandstone (Bayley and others, 1914, p. 33)

Table 1.--Stratigraphic and geohydrologic characteristics of geologic units at Picatinny Arsenal

Geologic time	Time-stratigraphic units		Geologic unit	Maximum thickness (in feet)	Lithology	Geohydrologic characteristics
Era	System	Series	Formation or lithologic unit			
Cenozoic	Quaternary	Holocene	Alluvium	10	Ranges from a sandy loam in the valley to a stony gravel on hillsides.	Too thin to be tapped.
			Swamp Deposits	30	Black, brown and gray organic material.	Permeability rapid along organic layers.
		Pleistocene	Stratified drift	200+	Present in the form of glaciofluvial and glaciolacustrine deposits, mostly sand to clay size sediments, exhibits stratification and in some cases rhythmic laminations (varves).	Yields dependent on degree of sorting and grain size. The well-sorted and coarse-grained deposits are good aquifers with yields up to 2,200 gal/min. Clay and silt deposits are generally unsuitable as aquifers.
			Unstratified drift	100+	Unstratified drift deposits are present in the form of ground, terminal and recessional moraines. Deposits are generally tightly packed and poorly sorted with grain sizes, ranging from boulders to clay.	Yields dependent on degree of sorting and packing. Generally low yields.
					Unconformity	
Paleozoic	Silurian		Green Pond Conglomerate	1500+	Coarse quartz conglomerate interbedded with and grading upward into quartzite and sandstone. Generally massive and red but also may have white and green beds.	Generally yields small amount of water from fracture and joints.
					Unconformity	
	Cambrian	Middle	Leithsville Formation	1000+	Predominantly a light- to medium-gray, microcrystalline, locally stylolitic rock to a fissile, siliceous to dolomitic micrite rock. Often highly weathered into a medium-yellow silty clay.	Contains water bearing fractures and cavities that generally have moderate yields of up to 380 gal/min.
					Gradational	
		Lower	Hardyston Quartzite	200	Orthoquartzite to conglomerate, generally well indurated.	Generally few fractures, yields small amounts of water.
					Unconformity	
Precambrian			Alaskite	Basement	Medium- to coarse-grained predominantly granitoid gneiss composed principally of microperthite, quartz, and oligoclase. Includes local bodies of microantiperthite granite and granite pegmatite. Amphibolite inclusions are common.	All three lithologic units are similar in hydrologic characteristics. Ground water occurs in fractures and joints. Yields are generally low, from 26 to 75 gal/min.
			Hornblende granite		Medium- to coarse-grained predominantly granitoid gneiss, composed principally of microperthite, quartz, oligoclase, and hornblende. Includes local bodies of biotite granite, hornblende granite gneiss, granodiorite, and granite pegmatite. Amphibolite inclusions are common.	
			Biotite-quartz-feldspar gneiss		Medium- to coarse-grained gneiss of widely different composition. The predominant facies is composed of biotite, quartz, and oligoclase; minor facies are characterized by abundant garnet and microperthite, and locally by sillimanite and graphite.	

[1] Modified from Drake, 1969, table 20, Sims, 1958, plate 1, Gill and Vecchiolli, 1965, table 3.

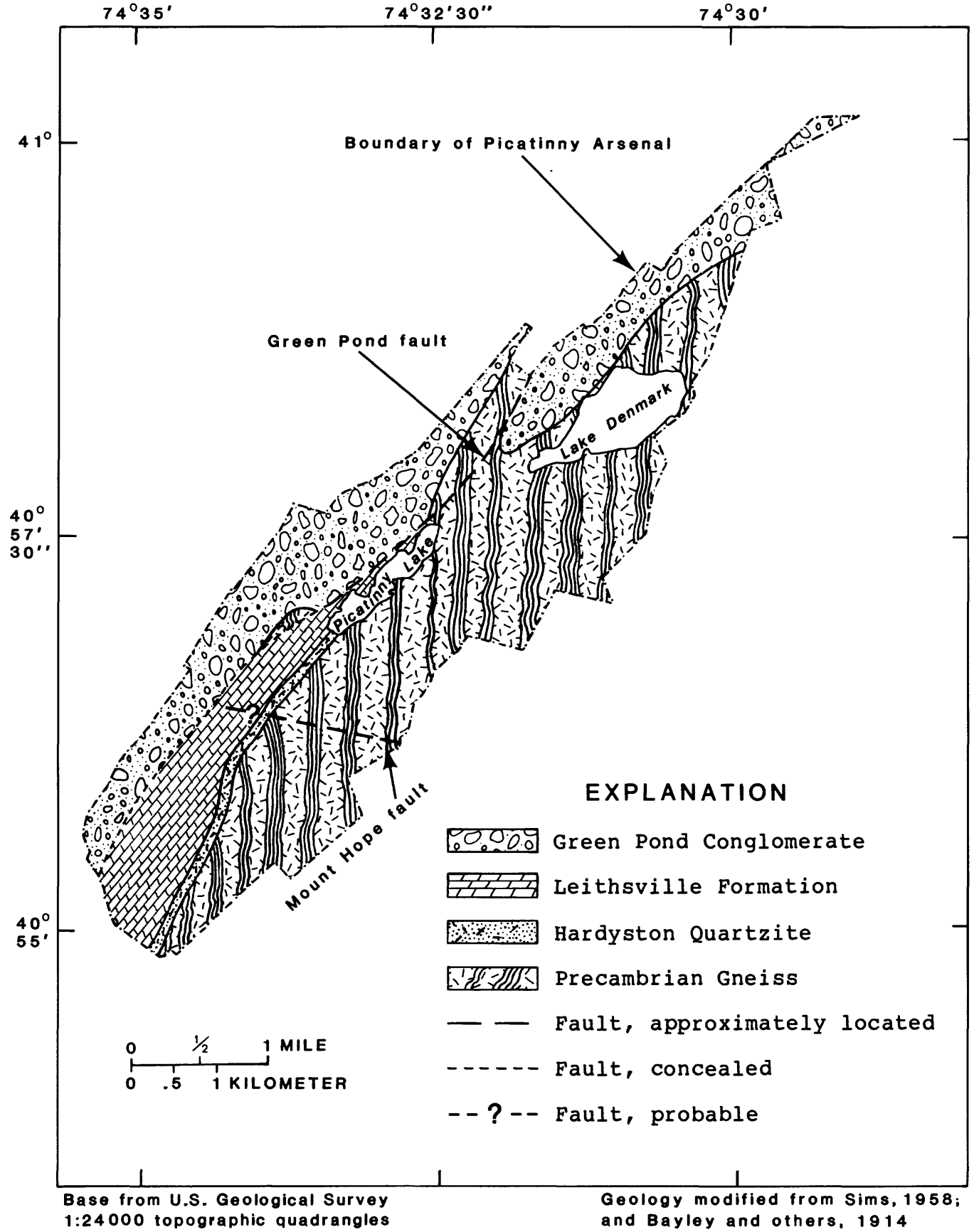

Figure 2.--Bedrock geology of Picatinny Arsenal, New Jersey.

The southeastern edge of the Arsenal is underlain by a terminal moraine of Pleistocene age, consisting of unstratified drift (till). The moraine has a moderate topographic expression, rising 25 feet above the surrounding area.

Glacial till thinly covers much of the bedrock on bordering mountains; however, near the top of ridges it is usually absent. It is generally less than 25 feet thick along the sides of the ridges and in the valley (Salisbury, 1902, p. 473). It is poorly sorted, tightly packed and grain sizes range from boulders to clay.

During glacial retreat, meltwater streams deposited sediments in the valley (W. D. Nichols and John Vecchiolli, U.S. Geological Survey, written commun., 1965). These stratified drift deposits consist of interbedded layers of sand, silt, and clay ranging in total thickness from 80 feet near Picatinny Lake to more than 210 feet at the southern edge of the Arsenal.

Acknowledgments

The authors gratefully acknowledge the cooperation of the Environmental Engineering Section of the U.S. Army Armament Research and Development Center (ARDC). Personnel from the U.S. Army Environmental Hygiene Agency provided assistance in the collection and chemical analysis of well-water samples.

HYDROGEOLOGY

In part of the valley, a three layer aquifer system has been defined. These aquifers are 1) the unconfined stratified drift aquifers (water table aquifer, 2) the confined stratified aquifer (glacial), and 3) the bedrock aquifer.

Aquifers are present in the glacial deposits and the bedrock. The stratified drift contains a shallow, unconfined stratified-drift aquifer (water-table aquifer) and a deeper, confined aquifer (Eric Vowinkel, U.S. Geological Survey, written commun., 1985). These two units are not differentiated in this report. The water-table aquifer consists chiefly of coarse to fine sand that extends from land surface to an approximate depth of 30 feet. Within it, the water table is generally within 15 feet of the land surface (Eric Vowinkel, U.S. Geological Survey, written commun., 1985). In the confined aquifer grain sizes range from sand to boulder. It is separated from the water-table aquifer by a confining bed of interlayered clay, silt, and sand (Eric Vowinkel, U.S. Geological Survey, written commun., 1985).

In the valley, the upper part of the bedrock has weathered into a poorly permeable residual layer that separates the confined aquifer from an underlying bedrock aquifer (Eric Vowinkel, U.S. Geological Survey, written commun., 1985).

The maximum known thickness of weathered bedrock at the Arsenal is 150 feet. Water in the unweathered bedrock aquifer is readily available from fractures that have been enlarged by weathering.

DATA COLLECTION AND ANALYSIS

Water samples were collected from production wells, unused production wells, and observation wells. Production wells were sampled more frequently than observation wells.

Sample-Collection Methods

Different procedures were used by the five organizations that collected and analyzed samples from wells. The U.S. Geological Survey collected, processed, and preserved samples according to methods described in Brown and others (1970), Goerlitz and Brown (1972), and Wood (1976). Field measurements made by U.S. Geological Survey at the time of sampling included specific conductance and pH. All other pH and specific conductance values are the result of laboratory analyses.

The 1981-83 sampling performed by AEHA and NJDEP utilized a centrifugal pump to first remove two to three times the volume of water contained in each well. Wells that were pumped dry were sampled as soon as they had recovered. In 1981 and 1982, AEHA and NJDEP used peristaltic pumps equipped with Teflon tubing to collect and split samples for determination of organic compounds. Samples for inorganic analysis were not split, but retained by AEHA for analysis. In 1983, a stainless-steel Kemmerer sampler was used to collect well-water samples. Table 2 compares determinations of volatile organic compounds in split water samples collected in 1983.

Table 2.--Comparison of determinations by different laboratories of volatile organic compounds in split water samples
[Concentration in micrograms per liter; ND, not detected.]

Date of Sample	Sampling Agency[1]	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro ethane
		Well number:	270093	
7/11/83	AEHA	290	ND[2]	ND
7/11/83	DEP	280	3.0	3.0
7/11/83	ICM	368	1.5	1.0
		Well number:	270094	
7/10/83	AEHA	12,000	5.0	4.0
7/10/83	DEP	17,000	6.0	4.0
		Well number:	270098	
7/7/83	DEP	27.0	570	47.0
7/7/83	ICM	ND	ND	ND
		Well number:	270099	
7/7/83	AEHA	25.0	7.0	ND
7/7/83	DEP	14.0	5.0	ND
7/7/83	ICM	20.0	-	13.5
		Well number:	270100	
7/7/83	AEHA	17.0	ND	ND
7/7/83	DEP	11.0	2.0	ND
7/7/83	ICM	8.2	ND	ND

[1] Sampling Agency: AEHA, Army Environmental Hygiene Agency; DEP, New Jersey Department of Environmental Protection; and ICM, Industrial Corrosion Management, Inc.

[2] Detection limits for volatile organic compounds: DEP -- 1 µg/L, AEHA -- 3 µg/L, and ICM -- 1 µg/L.

Acutest, Inc. and Industrial Corrosion Management, Inc. pumped 3 to 5 well volumes before a sample was taken. The sampling and analysis procedures they followed were in accordance with "Standard Methods for the Examination of Water and Wastewater" (American Public Health Assocation, 1975). Specifications for sample containers and sample preservation followed those in "Methods for Chemical Analysis of Water and Wastes" (U.S. Environmental Protection Agency, 1979b).

Laboratory Analysis

Analyses for inorganic constituents by the U.S. Geological Survey Laboratory followed procedures described by Skougstad and others (1979). Analyses for organic substances are described by Wershaw and others (1983), Goerlitz and Brown (1972), and Van Hall and others (1963). The U.S. Geological Survey laboratories were subject to laboratory quality assurance procedures in effect at the time of analysis, including data-checking procedures described in Skougstad and others (1979).

The AEHA analyzed water samples for inorganic constituents in accordance with methods of the American Public Health Association (1979). The volatile organic compounds were analyzed according to methods of the U.S. Environmental Protection Agency (1979 b). Acutest, Inc. and Industrial Corrosion Management, Inc. followed the analytical procedures of the American Public Health Association (1975). Minimum detection limits for the same laboratory analysis may be different for the different laboratories.

WATER-QUALITY DATA

The water-quality data presented in this report, representing a total of 1,129 samples from 56 wells, are organized by aquifer, well number, and sample-collection date. The well locations are shown on plate 1 (in pocket). Well-construction information is listed in table 3. The data are divided into inorganic and organic constituents. Table 4 (at the end of report) contains common inorganic ions and physical characteristics including:

specific conductance	pH
alkalinity	dissolved solids
hardness	sodium
calcium	magnesium
chloride	sulfate

Table 3.--Data on wells sampled at Picatinny Arsenal, New Jersey

Well number	Local well identifier	Date completed	Altitude of land surface (ft above sea level)	Screen setting[1] (ft)	Screen diameter (in.)	Water level (ft below lsd[2])	Date water level measured	Pumping level below lsd[2])	Yield (gpm[3])	Geologic unit
27-081	129	02-27-1948	704.0	98-120	8	14.5	2-27-1948	48.0	656	SFDF
27-082	130	02-27-1948	701.1	102-117	10	11.6	2-27-1948	58.3	626	SFDF
27-084	430A	08-05-1943	701.4	62- 82	10	9.0	8-05-1943	19.0	405	SFDF
27-086	410	10-19-1942	711.0	75- 85	10	17.0	10-19-1942	51.0	503	SFDF
27-087	305A	01-01-1938	695.8	0- 90	6	4.0	- -	49.0	578	SFDF
27-091	MW 5	03-09-1981	811.5	9- 20	4	5.3	- -	-	-	SFDF
27-092	MW 8	03-09-1981	712.2	3- 13	4	3.8	- -	-	-	SFDF
27-093	MW 9A	03-09-1981	701.8	2- 22	4	4.9	- -	-	-	SFDF
27-094	MW 9B	03-09-1981	702.0	3- 23	4		- -	-	-	SFDF
27-095	MW 9C	03-09-1981	702.1	6- 16	4	6.0	- -	-	-	SFDF
27-096	MW 10	03-09-1981	702.0	4- 17	4	4.7	- -	-	-	SFDF
27-097	MW 11	03-09-1981	696.1	9- 20	4	5.4	- -	-	-	SFDF
27-098	MW 12A	03-09-1981	694.3	9- 18	4	4.8	- -	-	-	SFDF
27-099	MW 12B	03-09-1981	693.6	8- 19	4	3.9	- -	-	-	SFDF
27-100	MW 12C	03-09-1981	694.0	3- 13	4	6.2	- -	-	-	SFDF
27-101	MW 13	03-09-1981	690.7	5- 16	4	3.7	- -	-	-	SFDF
27-102	MW 14	03-09-1981	850.0	11- 31	4	24.7	- -	-	-	SFDF
27-103	MW 15	03-09-1981	687.4	6- 18	4	0.5	- -	-	-	SFDF
27-104	MW 16	03-09-1981	692.6	9- 19	4	9.8	- -	-	-	SFDF
27-105	MW 17	03-09-1981	691.3	7- 19	4	5.4	- -	-	-	SFDF
27-106	MW 18	03-09-1981	688.3	6- 16	4	4.8	- -	-	-	SFDF
27-231	MW A	12-18-1981	703.8	20- 40	4	17.0	2-18-1981	-	-	SFDF
27-232	MB B	12-22-1981	695.5	20- 29	4	2.5	12-22-1981	-	-	SFDF
27-233	MW C	12-24-1981	690.7	10- 30	4	3.5	12-24-1981	10.5	10.0	SFDF
27-234	MW D	12-28-1981	689.6	9- 29	4		12-28-1981	-	-	SFDF
27-235	MW E	01-06-1982	690.9	9- 20	4	3.8	1-06-1982	-	-	SFDF
27-236	MW F	01-08-1982	690.3	9- 29	4	2.6	1-08-1982	-	-	SFDF
27-237	MW G	01-14-1982	693.3	20- 29	4		1-14-1982	-	-	SFDF
27-238	MW H	02-04-1982	699.5	12- 32	4	9.0	2-04-1982	-	-	SFDF
27-239	MW I	12-30-1981	693.3	9- 29	4	9.5	12-30-1981	9.5	10.0	SFDF
27-240	MW J	02-03-1982	708.2	24- 74	6	7.0	2-03-1982	-	-	SFDF
27-241	MW K	02-07-1982	704.9	8- 28	4	10.0	2-07-1982	-	-	SFDF
27-243	Cafeteria 2	11-15-1982	702.7	31- 36	4	10.9	12-08-1982	31.0	10.0	SFDF
27-244	Cafeteria 3	11-17-1982	702.8	123-128	4	13.7	12-09-1982	123.0	4.0	SFDF
27-245	Cafeteria 4	12-10-1982	702.9	168-173	4	11.8	12-17-1982	156.8	4.0	SFDF
27-247	Bldg 65-2	12-09-1982	699.9	201-206	4	11.2	1-12-1983	25.3	9.0	SFDF
27-248	Bldg 65-3	12-15-1982	700.0	135-140	4	4.2	1-12-1983	-	5.5	SFDF
27-249	Bldg 65-4	12-15-1982	699.9	30- 35	4	9.4	12-21-1982	19.1	12.0	SFDF
27-251	Landfill 2	12-07-1982	693.3	60- 65	4	18.8	1-04-1983	56.5	8.0	SFDF
27-252	Landfill 3	12-14-1982	693.1	152-157	4	18.4	1-05-1983	144.2	5.4	SFDF
27-256	507B	11-15-1979	731.6	70- 80	10	29.5	- -	-	-	SFDF
27-267	129 OBS	08-26-1983	703.4	19- 23	2	14.0	8-26-1983	350.0	75.0	SFDF
27-268	MW 151	12-01-1983	694.4	25- 30	4	3.3	1-05-1984	-	9.0	SFDF
27-269	MW 12D	12-03-1983	693.98	25- 30	4	4.0	1-21-1984	-	42.8	SFDF
27-271	MW 320	12-13-1983	696.6	25- 30	4	5.6	1-20-1984	8.7	42.8	SFDF
27-276	MW 178	01-28-1984	698.9	64- 74	4	10.1	1-30-1984	11.3	42.8	SFDF
27-281	MW H-3	04-20-1984	699.2	115-125	4	14.4	8-14-1985	.9	50.0	SFDF
27-282	MW H-4	04-23-1984	699.0	15- 25	4	9.5	8-14-1985	.9	50.0	SFDF
27-278	MW 176S	02-24-1984	689.3	50- 60	4	2.5	3-05-1984	.9	50.0	SFDF
27-246	Bldg 65-1	12-16-1982	699.1	267-287	4	11.5	12-16-1982	125.0	4.5	LSVL
27-242	Cafeteria 1	11-12-1982	702.7	253-268	4	6.3	12-15-1982	146.8	3.0	HRDS
27-083	302D	01-01-1921	697.0	110-403	8	8.0	- -	38.0	490	LSVL
27-250	Landfill 1	12-02-1982	692.8	317-337	4	19.8	1-06-1983	-	1.0	LSVL
27-277	MW 176D	04-03-1984	689.4	275-305	4	-2.7	- -	12.5	10.0	LSVL
27-280	MW H-2	04-18-1984	699.2	203-223	4	14.0	8-14-1985	.9	50.0	LSVL

FOOTNOTES

[1] Referenced to Land Surface
[2] LSD, Land Surface Datum, in feet above sea level
[3] GPM, Gallons Per Minute
Geologic Unit: SFDF, Stratified drift; HRDS Hardyston Quartzite; LSVL, Leithsville Formation.

Table 4 also includes data on trace elements and compounds, including:

cadmium	chromium
copper	iron
lead	manganese
cyanide	zinc
fluoride	selenium
arsenic	

The data on inorganic constituents exhibit much variability, reflecting contrasting areas of contaminated and relatively uncontaminated ground water. Specific conductance ranges from 40 to 2,150 microsiemens per centimeter at 25°C, pH ranges from 2.9 to 10 and dissolved solids ranges from 51 to 1,210 mg/L. Trace elements also exhibiting wide variations in concentration were: iron (<2 to 540,000 µg/L), manganese (<1 to 55,000 µg/L), and zinc (<3 to 1,900 µg/L).

Table 5 (at the end of report) includes gross measures of organic materials (total organic carbon and phenols) and data on volatile organic compounds, including:

chloroform	benzene
1,1-dichloroethane	1,1,-dichloroethylene
1,2-trans-dichloroethylene	1,1,1-trichloroethane
methylene chloride	tetrachloroethylene
trichloroethylene	toluene
freon-113	

The organic compounds with the widest variations in concentration are: 1,2-trans-dichloroethylene (<1 to 542 µg/L); tetrachloroethylene (<1 to 386 µg/L); 1,1,1-trichloroethane (<1 to 1,780 µg/L); and trichloroethylene (<1 to 25,200 µg/L). One microgram per liter is the detection limit in each instance.

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GLOSSARY

Aquifer: a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Confining bed: a body of relatively impermeable material adjacent to one or more aquifers. The hydraulic conductivity may range from nearly zero to some value distinctly lower than that of the aquifers.

Dissolved: that material in a representative water sample which passes through a 0.45 micron membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Land-surface datum: a datum plane approximately at the land surface. Wells and screen settings listed in table 3 are referenced to this datum.

Micrograms per liter (µg/L): a unit expressing the concentration of chemical constituents in water as weight (one microgram = $1x10^{-6}$ grams) per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter. See milligrams per liter.

Milligrams per liter (mg/L): a unit for expressing the concentration of chemical constituents in water by weight (one milligram = 10^{-3} grams) per unit volume of water. One thousand milligrams per liter is equivalent to one gram per liter.

Minimum detection limit: for a given type of sample and analytical procedure, is that concentration below which the presence of the constituent being analyzed cannot be verified. In this report the minimum detection limits can be identified in table 4 wherever a "less than" (<) symbol precedes a value.

Specific conductance: a measure of the ability of a water to conduct an electrical current. It is expressed in microsiemens per centimeter (formerly in micromhos per centimeter) at 25°C.

Volatile organic compounds (VOCs): a group of organic substances which can be stripped from a water sample via the injection of an inert gas prior to analysis by gas chromatography. By definition, these compounds are less than 2 percent soluble in water and have boiling points below 150°C.

Table 4.--Results of inorganic water-quality analyses of water samples from wells
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Specific conductance[2] (uS/cm at 25°C)	pH[2] (units)	Alkalinity (as CaCO3)	Dissolved solids	Dissolved fluoride (µg/L)	Dissolved chloride (µg/L)	Dissolved sulfate (µg/L)
Well Number: 270081 Local Well Identifier: 129 Geologic Unit: Stratified Drift								
6/16/1958	USGS	342	7.5	-	220	-	7.8	40
4/16/1962	USGS	-	7.4	-	244	-	24	-
5/13/1963	USGS	491	7.4	-	336	-	42	35
12/10/1963	USGS	-	7.6	-	386	-	69	-
9/02/1964	USGS	-	7.8	-	428	-	99	-
5/28/1965	USGS	612	7.4	-	-	-	-	-
5/23/1979	AEHA	905	6.2	169	502	90	170	28
3/16/1981	ICM	625	7.7	-	-	-	160	-
4/07/1981	ICM	550	7.7	-	-	-	100	-
5/15/1981	AEHA	660	7.7	149	349	100	88	30
7/30/1981	AEHA	639	8.0	-	-	-	83	-
11/02/1981	ICM	-	-	-	-	100	-	-
11/04/1981	AEHA	-	-	-	-	-	-	-
3/25/1982	ICM	-	-	-	-	-	82	-
4/13/1982	ICM	-	-	-	-	-	91	-
10/13/1982	ICM	-	-	-	-	-	-	-
1/12/1983	AEHA	590	7.7	163	318	100	72	29
1/20/1983	ICM	-	-	-	-	90	-	29
1/26/1983	ICM	400	7.6	155	-	100	81	-
2/04/1983	ICM	-	7.5	-	-	95	-	15
2/11/1983	ICM	-	7.5	-	-	85	-	20
2/18/1983	ICM	-	7.5	-	-	20	-	23
2/24/1983	ICM	-	7.5	-	-	180	-	22
3/22/1983	ICM	-	6.7	-	-	75	-	-
4/27/1983	ICM	-	7.7	-	-	-	-	-
5/19/1983	ICM	-	7.5	-	-	-	-	-
7/13/1983	ICM	-	7.6	-	-	-	-	-
9/12/1983	ICM	-	7.4	-	-	-	-	-
9/14/1983	ICM	-	7.5	-	-	-	-	-
9/30/1983	ICM	-	7.3	-	-	-	-	-
11/15/1983	AEHA	-	7.1	150	289	91	72	-
11/21/1983	ICM	-	7.4	157	274	200	63	21
11/29/1983	ICM	-	7.1	148	276	210	60	24
12/08/1983	ICM	-	7.0	140	257	140	45	21
12/14/1983	ICM	-	7.1	115	272	150	46	20
12/20/1983	ICM	-	7.4	133	-	120	46	-
12/28/1983	ICM	-	6.9	103	225	180	47	34
1/05/1984	ICM	-	7.3	130	250	120	45	35
1/10/1984	ICM	-	7.1	110	225	220	43	20
1/17/1984	ICM	-	7.2	125	202	110	38	26
1/26/1984	ICM	-	7.4	118	226	260	38	42
2/02/1984	ICM	-	7.1	124	226	120	43	27
2/09/1984	ICM	-	7.2	123	265	10	38	27
2/14/1984	ICM	-	7.4	121	257	200	41	31
2/21/1984	ICM	-	7.5	120	211	92	40	23
2/28/1984	ICM	-	7.5	125	516	130	35	17
3/07/1984	ICM	-	7.4	118	239	120	35	19
3/13/1984	ICM	-	7.5	118	240	120	36	19
3/21/1984	ICM	-	7.4	118	234	210	35	21
3/27/1984	ICM	-	7.3	115	221	550	33	22
4/10/1984	ICM	-	7.7	115	189	110	33	19
4/18/1984	ICM	-	7.4	118	224	120	35	21
4/24/1984	ICM	-	7.5	112	229	90	34	20
5/01/1984	ICM	-	7.3	110	217	150	30	25
5/08/1984	ICM	-	6.7	110	225	160	34	17
5/15/1984	ICM	-	7.4	118	228	120	37	18
5/22/1984	ICM	-	7.3	115	232	130	30	20
5/29/1984	ICM	-	7.1	115	218	140	31	23
6/06/1984	ICM	-	7.4	135	251	95	41	15
6/28/1984	ICM	-	7.7	155	298	95	57	13
7/03/1984	ICM	-	7.4	170	437	120	60	16
7/10/1984	ICM	-	7.3	150	371	130	56	17
1/23/1985	ACUT	-	6.9	142	294	140	48	26
Well Number: 270082 Local Well Identifier: 130 Geologic Unit: Stratified Drift								
6/16/1958	USGS	187	7.5	-	120	-	2.1	16
4/25/1961	USGS	-	7.6	-	134	-	5.0	-
4/16/1962	USGS	-	7.5	-	152	-	8.0	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Total hardness (as CaCO3)	Dissolved calcium	Dissolved magnesium	Dissolved sodium	Dissolved iron (µg/L)	Dissolved manganese (µg/L)	Dissolved zinc (µg/L)
Well Number: 270081	Local Well Identifier: 129					Geologic Unit: Stratified Drift		
6/16/1958	USGS	170	43	15	5.3	70	90	-
4/16/1962	USGS	200	-	-	-	100	400	-
5/13/1963	USGS	220	54	21	12	10	50	-
12/10/1963	USGS	250	-	-	-	110	300	-
9/02/1964	USGS	260	-	-	-	110	350	-
5/28/1965	USGS	-	-	-	-	270	330	-
5/23/1979	AEHA	200	49	19	100	<100	450	<15
3/16/1981	ICM	250	-	-	-	260	530	-
4/07/1981	ICM	170	-	-	-	390	470	-
5/15/1981	AEHA	180	49	20	50	<100	550	<25
7/30/1981	AEHA	-	-	-	-	<100	570	<15
11/02/1981	ICM	-	-	-	-	-	-	-
11/04/1981	AEHA	-	-	-	-	-	-	-
3/25/1982	ICM	200	-	-	-	30	-	-
4/13/1982	ICM	220	-	-	-	24	820	-
10/13/1982	ICM	-	-	-	-	-	-	32
1/12/1983	AEHA	-	45	-	41	<100	570	-
1/20/1983	ICM	180	-	-	-	50	620	-
1/26/1983	ICM	190	-	-	-	30	910	<11
2/04/1983	ICM	190	-	-	-	70	580	-
2/11/1983	ICM	200	-	-	-	70	560	-
2/18/1983	ICM	-	-	-	-	40	700	-
2/24/1983	ICM	190	-	-	-	80	630	-
3/22/1983	ICM	180	-	-	52	<4	630	-
4/27/1983	ICM	180	-	-	-	180	65	-
5/19/1983	ICM	86	-	-	-	520	630	-
7/13/1983	ICM	190	-	-	-	51	560	-
9/12/1983	ICM	190	-	-	-	59	570	-
9/14/1983	ICM	200	-	-	-	180	110	-
9/30/1983	ICM	210	-	-	-	510	290	-
11/15/1983	AEHA	170	-	-	50	740	500	71
11/21/1983	ICM	180	-	-	-	2,000	600	-
11/29/1983	ICM	180	-	-	-	1,300	620	-
12/08/1983	ICM	150	-	-	-	1,200	590	-
12/14/1983	ICM	170	-	-	-	810	600	-
12/20/1983	ICM	160	-	-	28	300	470	12
12/28/1983	ICM	200	-	-	-	25	510	-
1/05/1984	ICM	170	-	-	28	200	440	41
1/10/1984	ICM	160	-	-	26	250	640	18
1/17/1984	ICM	190	-	-	25	230	450	10
1/26/1984	ICM	180	-	-	18	220	400	7
2/02/1984	ICM	160	-	-	22	400	490	20
2/09/1984	ICM	170	-	-	18	460	460	15
2/14/1984	ICM	160	-	-	22	290	460	120
2/21/1984	ICM	160	-	-	23	180	520	12
2/28/1984	ICM	150	-	-	18	410	440	12
3/07/1984	ICM	150	-	-	23	220	470	17
3/13/1984	ICM	150	-	-	-	300	380	-
3/21/1984	ICM	150	-	-	-	530	430	-
3/27/1984	ICM	140	-	-	-	420	410	-
4/10/1984	ICM	150	-	-	23	370	<2	18
4/18/1984	ICM	150	-	-	-	880	430	-
4/24/1984	ICM	150	-	-	26	270	410	120
5/01/1984	ICM	140	-	-	-	<63	390	-
5/08/1984	ICM	150	-	-	-	350	450	-
5/15/1984	ICM	150	-	-	-	640	440	-
5/22/1984	ICM	140	-	-	21	300	440	130
5/29/1984	ICM	140	-	-	-	220	380	-
6/06/1984	ICM	160	-	-	-	490	550	-
6/28/1984	ICM	190	-	-	-	1,600	370	-
7/03/1984	ICM	190	-	-	-	110	-	-
7/10/1984	ICM	190	-	-	-	440	580	-
1/23/1985	ACUT	200	-	-	25	-	-	45
Well Number: 270082	Local Well Identifier: 130					Geologic Unit: Stratified Drift		
6/16/1958	USGS	87	23	7.2	6.7	70	140	-
4/25/1961	USGS	100	-	-	-	30	300	-
4/16/1962	USGS	120	-	-	-	30	400	-

Table 4.--Results of inorganic water quality analyses of water samples from wells--Continued
[Results in micrograms per liter]

Date of sample	Sampling agency[1]	Dissolved cadmium	Dissolved chromium	Dissolved copper	Dissolved lead	Dissolved selenium	Dissolved arsenic	Dissolved cyanide
Well Number: 270081	Local Well Identifier: 129				Geologic Unit: Stratified Drift			
6/16/1958	USGS	-	-	-	-	-	-	-
4/16/1962	USGS	-	-	-	-	-	-	-
5/13/1963	USGS	-	-	-	-	-	-	-
12/10/1963	USGS	-	-	-	-	-	-	-
9/02/1964	USGS	-	-	-	-	-	-	-
5/28/1965	USGS	-	-	-	-	-	-	-
5/23/1979	AEHA	<5	<25	<25	<5	<5	<10	<10
3/16/1981	ICM	-	-	-	-	-	-	-
4/07/1981	ICM	-	-	-	-	-	-	-
5/15/1981	AEHA	<1	<25	<25	2	<5	<10	<10
7/30/1981	AEHA	<10	<25	<25	<5	-	<10	11
1/12/1983	AEHA	<1	<25	-	-	-	-	<10
1/20/1983	ICM	-	-	-	-	-	-	-
2/11/1983	ICM	-	-	-	-	-	-	-
2/18/1983	ICM	-	-	-	-	-	-	-
2/24/1983	ICM	-	-	-	-	-	-	-
3/22/1983	ICM	1	16	-	9	<5	<5	-
4/27/1983	ICM	-	-	-	-	-	-	-
5/19/1983	ICM	-	-	-	-	-	-	-
7/13/1983	ICM	-	-	-	-	-	-	-
9/12/1983	ICM	-	-	-	-	-	-	-
9/14/1983	ICM	-	-	-	-	-	-	-
9/30/1983	ICM	-	-	-	-	-	-	-
11/15/1983	AEHA	<1	3	17	12	<5	<5	<1
11/21/1983	ICM	-	-	-	-	-	-	-
11/29/1983	ICM	-	-	-	-	-	-	-
12/08/1983	ICM	-	-	-	-	-	-	-
12/14/1983	ICM	-	-	-	-	-	-	-
12/20/1983	ICM	<1	2	8	3	<5	<5	<1
12/28/1983	ICM	-	-	-	-	-	-	-
1/05/1984	ICM	<1	2	10	31	<5	<5	<1
1/10/1984	ICM	<1	4	10	5	<5	<5	<1
1/17/1984	ICM	<1	4	9	12	<5	<5	<1
1/26/1984	ICM	<1	1	10	8	<5	<5	<1
2/02/1984	ICM	1	11	11	7	<5	<5	<1
2/09/1984	ICM	<1	4	28	7	<5	<5	<1
2/14/1984	ICM	<1	2	6	12	<5	<5	<1
2/21/1984	ICM	<1	5	3	5	<5	<5	<1
2/28/1984	ICM	<1	4	6	7	<5	<5	<1
3/07/1984	ICM	<1	4	7	16	<5	<5	<1
3/13/1984	ICM	-	-	-	-	-	-	-
3/21/1984	ICM	-	-	-	-	-	-	-
3/27/1984	ICM	-	-	-	-	-	-	-
4/10/1984	ICM	1	6	5	10	<5	<5	<1
4/18/1984	ICM	-	-	-	-	-	-	-
4/24/1984	ICM	1	5	5	7	<5	<5	<1
5/01/1984	ICM	-	-	-	-	-	-	-
5/08/1984	ICM	-	-	-	-	-	-	-
5/15/1984	ICM	-	-	-	-	-	-	-
5/22/1984	ICM	<1	3	11	7	<5	<5	<1
5/29/1984	ICM	-	-	-	-	-	-	-
6/06/1984	ICM	-	-	-	-	-	-	-
6/28/1984	ICM	-	-	-	-	-	-	-
7/03/1984	ICM	-	-	-	-	-	-	-
7/10/1984	ICM	-	-	-	-	-	-	-
1/23/1985	ACUT	-	-	21	-	-	-	-
Well Number: 270082	Local Well Identifier: 130				Geologic Unit: Stratified Drift			
6/16/1958	USGS	-	-	-	-	-	-	-
4/25/1961	USGS	-	-	-	-	-	-	-
4/16/1962	USGS	-	-	-	-	-	-	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Specific conductance[2] (uS/cm at 25°C)	pH[2] (units)	Alkalinity (as CaCO3)	Dissolved solids	Dissolved fluoride (µg/L)	Dissolved chloride (µg/L)	Dissolved sulfate (µg/L)
Well Number: 270082	Local Well Identifier: 130				Geologic Unit: Stratified Drift			
12/10/1963	USGS	-	7.4	-	216	-	16	-
6/03/1964	USGS	262	7.9	-	166	-	8.0	24
9/02/1964	USGS	-	7.8	-	192	-	10	-
5/26/1965	USGS	305	7.8	-	-	-	-	-
5/23/1979	AEHA	418	5.9	121	258	100	43	27
3/16/1981	ICM	330	7.6	-	-	-	21	-
5/15/1981	AEHA	509	8.0	113	-	100	45	64
7/30/1981	AEHA	579	7.5	-	-	-	53	-
10/14/1982	ICM	-	-	-	-	-	-	-
1/13/1983	AEHA	266	7.5	84	147	110	16	27
1/20/1983	ICM	-	-	-	-	120	-	26
1/26/1983	ICM	-	-	-	-	130	-	2.0
2/04/1983	ICM	-	8.0	-	-	95	-	6.7
2/11/1983	ICM	-	7.8	-	-	73	-	26
2/18/1983	ICM	-	7.9	-	-	93	-	16
2/24/1983	ICM	-	7.8	-	-	70	-	17
3/22/1983	ICM	-	7.7	70	-	100	-	-
4/27/1983	ICM	-	8.0	-	-	-	-	-
5/19/1983	ICM	-	7.7	-	-	-	-	-
7/13/1983	ICM	-	8.1	-	-	-	-	-
12/20/1983	ICM	-	7.6	101	258	99	40	72
1/17/1984	ICM	-	7.3	105	229	140	39	66
2/28/1984	ICM	-	8.7	92	258	270	25	21
3/27/1984	ICM	-	8.2	100	215	160	34	21
4/18/1984	ICM	-	8.0	97	181	110	11	18
6/20/1984	ICM	-	7.5	105	233	160	34	20
Well Number: 270084	Local Well Identifier: 430A				Geologic Unit: Stratified Drift			
4/25/1961	USGS	-	5.0	-	330	-	28	-
4/16/1962	USGS	-	4.7	-	304	-	17	-
12/10/1963	USGS	-	4.6	-	232	-	22	-
9/02/1964	USGS	-	4.4	-	254	-	23	-
5/27/1965	USGS	411	4.2	-	-	-	-	-
5/23/1979	AEHA	780	2.9	-	449	360	160	46
3/16/1981	ICM	300	5.6	-	-	-	90	-
5/15/1981	AEHA	406	5.1	3	224	<100	86	45
7/30/1981	AEHA	402	4.7	-	-	-	77	-
10/29/1982	ICM	-	-	-	-	-	-	-
1/20/1983	ICM	-	-	-	-	140	-	8.8
1/26/1983	ICM	-	-	-	-	160	-	1.0
2/04/1983	ICM	-	7.4	-	-	150	-	11
2/11/1983	ICM	-	5.4	-	-	90	-	36
2/18/1983	ICM	-	5.4	-	-	160	-	35
2/24/1983	ICM	-	5.3	-	-	150	-	37
3/22/1983	ICM	-	5.4	9	-	80	-	-
4/27/1983	ICM	-	5.4	-	-	-	-	-
5/19/1983	ICM	-	5.6	-	-	-	-	-
7/13/1983	ICM	-	5.3	-	-	-		-
11/21/1983	ICM	-	5.3	7	189	140	66	53
12/20/1983	ICM	-	5.1	7	212	200	53	67
1/17/1984	ICM	-	5.3	10	164	120	55	53
2/28/1984	ICM	-	5.3	10	154	530	62	28
3/27/1984	ICM	-	5.2	10	226	90	68	38
4/18/1984	ICM	-	5.2	10	207	120	66	36
5/08/1984	ICM	-	4.6	<7	224	160	74	30
5/08/1984	USGS	389	4.6	10	224	100	74	30
Well Number: 270086	Local Well Identifier: 410				Geologic Unit: Stratified Drift			
6/16/1958	USGS	319	7.9	-	225	10	8.8	59
4/25/1961	USGS	-	6.9	-	204	-	12	-
4/16/1962	USGS	-	6.8	-	220	-	13	-
12/10/1963	USGS	-	6.9	-	220	-	15	-
9/02/1964	USGS	-	7.0	-	226	-	16	-
4/27/1965	USGS	344	7.1	-	220	-	19	58
5/27/1965	USGS	342	6.8	-	-	-	-	-
5/23/1979	AEHA	415	6.4	72	302	140	58	36
3/16/1981	ICM	350	7.2	-	-	-	76	-
4/07/1981	ICM	360	7.0	-	-	-	72	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Total hardness (as CaCO3)	Dissolved calcium	Dissolved magnesium	Dissolved sodium	Dissolved iron (µg/L)	Dissolved manganese (µg/L)	Dissolved zinc (µg/L)
Well Number: 270082	Local Well Identifier: 130				Geologic Unit: Stratified Drift			
12/10/1963	USGS	160	-	-	-	20	800	-
6/03/1964	USGS	130	33	11	5.0	-	-	-
9/02/1964	USGS	140	-	-	-	20	600	-
5/26/1965	USGS	-	-	-	-	440	670	-
5/23/1979	AEHA	160	41	14	20	1,000	750	<15
3/16/1981	ICM	220	-	-	-	130	390	-
5/15/1981	AEHA	140	40	11	46	<100	44	<22
7/30/1981	AEHA	-	-	-	-	<100	500	<15
10/14/1982	ICM	-	-	-	-	-	-	150
1/13/1983	AEHA	-	28	-	11	<100	180	-
1/20/1983	ICM	99	-	-	-	4	34	-
1/26/1983	ICM	100	-	-	-	30	49	-
2/04/1983	ICM	120	-	-	-	10	<4	-
2/11/1983	ICM	110	-	-	-	90	210	-
2/18/1983	ICM	97	-	-	-	60	260	-
2/24/1983	ICM	99	-	-	-	20	180	-
3/22/1983	ICM	97	-	-	12	<4	160	-
4/27/1983	ICM	96	-	-	-	150	120	-
5/19/1983	ICM	48	-	-	-	180	180	-
7/13/1983	ICM	99	-	-	-	<50	170	-
12/20/1983	ICM	140	-	-	-	170	250	-
1/17/1984	ICM	180	-	-	44	180	270	6
2/28/1984	ICM	100	-	-	25	7,900	300	8
3/27/1984	ICM	110	-	-	34	8,500	580	35
4/18/1984	ICM	110	-	-	31	14,000	390	180
6/20/1984	ICM	150	-	-	-	92	320	-
Well Number: 270084	Local Well Identifier: 430A				Geologic Unit: Stratified Drift			
4/25/1961	USGS	140	-	-	-	150	3,000	-
4/16/1962	USGS	120	-	-	-	200	2,500	-
12/10/1963	USGS	110	-	-	-	160	2,000	-
9/02/1964	USGS	110	-	-	-	60	2,100	-
5/27/1965	USGS	-	-	-	-	180	1,900	-
5/23/1979	AEHA	110	29	9.7	28	4,500	2,500	120
3/16/1981	ICM	120	-	-	-	110	1,300	-
5/15/1981	AEHA	170	23	5.9	36	<100	1,200	320
7/30/1981	AEHA	-	-	-	-	<100	1,200	48
10/29/1982	ICM	-	-	-	-	-	-	470
1/20/1983	ICM	71	-	-	-	4	230	-
1/26/1983	ICM	66	-	-	-	4	360	-
2/04/1983	ICM	67	-	-	-	20	290	-
2/11/1983	ICM	77	-	-	-	140	970	-
2/18/1983	ICM	82	-	-	-	42	940	-
2/24/1983	ICM	82	-	-	-	80	1,000	-
3/22/1983	ICM	81	-	-	350	180	770	-
4/27/1983	ICM	80	-	-	-	230	900	-
5/19/1983	ICM	39	-	-	-	2,100	1,100	-
7/13/1983	ICM	85	-	-	-	270	880	-
11/21/1983	ICM	68	-	-	-	380	770	-
12/20/1983	ICM	61	-	-	42	1,500	610	50
1/17/1984	ICM	110	-	-	37	1,500	590	150
2/28/1984	ICM	69	-	-	37	550	650	40
3/27/1984	ICM	82	-	-	43	440	640	100
4/18/1984	ICM	71	-	-	47	700	790	140
5/08/1984	ICM	82	-	-	84	25	840	1,900
5/08/1984	USGS	-	21	6.0	84	25	930	73
Well Number: 270086	Local Well Identifier: 410				Geologic Unit: Stratified Drift			
6/16/1958	USGS	150	36	14	6.2	60	60	-
4/25/1961	USGS	130	-	-	-	30	-	-
4/16/1962	USGS	140	-	-	-	30	-	-
12/10/1963	USGS	140	-	-	-	20	-	-
9/02/1964	USGS	150	-	-	-	-	-	-
4/27/1965	USGS	150	35	16	9.1	-	-	-
5/27/1965	USGS	-	-	-	-	350	-	-
5/23/1979	AEHA	150	36	15	20	<100	<30	<15
3/16/1981	ICM	140	-	-	-	190	6	-
4/07/1981	ICM	110	-	-	-	<7	5	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in micrograms per liter]

Date of sample	Sampling agency[1]	Dissolved cadmium	Dissolved chromium	Dissolved copper	Dissolved lead	Dissolved selenium	Dissolved arsenic	Dissolved cyanide
Well Number: 270082	Local Well Identifier: 130				Geologic Unit: Stratified Drift			
12/10/1963	USGS	-	-	-	-	-	-	-
6/03/1964	USGS	-	-	-	-	-	-	-
9/02/1964	USGS	-	-	-	-	-	-	-
5/26/1965	USGS	-	-	-	-	-	-	-
5/23/1979	AEHA	<5	<25	<25	<5	<5	<10	<10
3/16/1981	ICM	-	-	-	-	-	-	-
5/15/1981	AEHA	<1	<25	28	<1	<5	<10	<10
7/30/1981	AEHA	<10	<25	<25	<5	-	<10	<10
10/14/1982	ICM	1	16	10	15	16	22	5
1/13/1983	AEHA	<1	<25	-	-	-	-	<10
1/20/1983	ICM	-	-	-	-	-	-	-
1/26/1983	ICM	-	-	-	-	-	-	-
2/04/1983	ICM	-	-	-	-	-	-	-
2/11/1983	ICM	-	-	-	-	-	-	-
2/18/1983	ICM	-	-	-	-	-	-	-
2/24/1983	ICM	-	-	-	-	-	-	-
3/22/1983	ICM	1	8	-	10	<5	<5	-
4/27/1983	ICM	-	-	-	-	-	-	-
5/19/1983	ICM	-	-	-	-	-	-	-
7/13/1983	ICM	-	-	-	-	-	-	-
12/20/1983	ICM	-	-	-	-	-	-	-
1/17/1984	ICM	<1	2	17	11	<5	<5	<1
2/28/1984	ICM	<1	2	18	11	<5	5	<1
3/27/1984	ICM	<1	9	9	11	10	<5	<1
4/18/1984	ICM	1	6	26	6	<5	<5	6
6/20/1984	ICM	-	-	-	-	-	-	-
Well Number: 270084	Local Well Identifier: 430A				Geologic Unit: Stratified Drift			
4/25/1961	USGS	-	-	-	-	-	-	-
4/16/1962	USGS	-	-	-	-	-	-	-
12/10/1963	USGS	-	-	-	-	-	-	-
9/02/1964	USGS	-	-	-	-	-	-	-
5/27/1965	USGS	-	-	-	-	-	-	-
5/23/1979	AEHA	<5	<25	<25	13	<5	31	<10
3/16/1981	ICM	-	-	-	-	-	-	-
5/15/1981	AEHA	<1	<25	32	<1	<5	<10	<10
7/30/1981	AEHA	<10	<25	<25	<5	-	<10	<10
10/29/1982	ICM	<1	2	3	27	8	<5	<1
1/20/1983	ICM	-	-	-	-	-	-	-
1/26/1983	ICM	-	-	-	-	-	-	-
2/04/1983	ICM	-	-	-	-	-	-	-
2/11/1983	ICM	-	-	-	-	-	-	-
2/18/1983	ICM	-	-	-	-	-	-	-
2/24/1983	ICM	-	-	-	-	-	-	-
3/22/1983	ICM	1	7	-	53	<5	<5	-
4/27/1983	ICM	-	-	-	-	-	-	-
5/19/1983	ICM	-	-	-	-	-	-	-
7/13/1983	ICM	-	-	-	-	-	-	-
11/21/1983	ICM	-	-	-	-	-	-	-
12/20/1983	ICM	<1	1	61	12	<5	<5	<1
1/17/1984	ICM	<1	2	93	12	<5	<5	<1
2/28/1984	ICM	<1	2	53	23	<5	<5	<1
3/27/1984	ICM	<1	4	65	7	10	<5	<1
4/18/1984	ICM	1	6	60	6	9	<5	2
5/08/1984	ICM	<1	11	22	9	<5	<5	<1
5/08/1984	USGS	1	11	22	9	<5	5	1
Well Number: 270086	Local Well Identifier: 410				Geologic Unit: Stratified Drift			
6/16/1958	USGS	-	-	-	-	-	-	-
4/25/1961	USGS	-	-	-	-	-	-	-
4/16/1962	USGS	-	-	-	-	-	-	-
12/10/1963	USGS	-	-	-	-	-	-	-
9/02/1964	USGS	-	-	-	-	-	-	-
4/27/1965	USGS	-	-	-	-	-	-	-
5/27/1965	USGS	-	-	-	-	-	-	-
5/23/1979	AEHA	<5	<25	<25	<5	<5	<10	<10
3/16/1981	ICM	-	-	-	-	-	-	-
4/07/1981	ICM	-	-	-	-	-	-	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Specific conductance[2] (uS/cm at 25°C)	pH[2] (units)	Alkalinity (as CaCO3)	Dissolved solids	Dissolved fluoride (µg/L)	Dissolved chloride (µg/L)	Dissolved sulfate (µg/L)
Well Number: 270086	Local Well Identifier: 410				Geologic Unit: Stratified Drift			
5/15/1981	AEHA	431	7.2	69	232	110	64	34
7/20/1981	AEHA	419	7.8	-	-	-	63	-
11/02/1981	ICM	-	-	-	-	160	-	-
3/25/1982	ICM	-	-	-	-	-	82	-
4/13/1982	ICM	-	-	-	-	-	95	-
10/14/1982	ICM	-	-	-	-	-	-	-
1/20/1983	ICM	-	-	-	-	120	-	34
1/26/1983	ICM	290	6.9	72	-	130	70	2.8
2/04/1983	ICM	-	7.0	-	-	-	-	23
2/11/1983	ICM	-	6.9	-	-	85	-	29
2/18/1983	ICM	-	6.9	-	-	90	-	27
2/24/1983	ICM	-	7.0	-	-	50	-	29
3/22/1983	ICM	-	6.8	73	-	160	-	-
4/27/1983	ICM	-	7.3	-	-	-	-	-
5/19/1983	ICM	-	7.1	-	-	-	-	-
7/13/1983	ICM	-	7.0	-	-	-	-	-
9/12/1983	ICM	-	6.8	-	-	-	-	-
9/14/1983	ICM	-	6.9	-	-	-	-	-
11/15/1983	ICM	-	6.5	70	265	100	69	40
11/21/1983	ICM	-	6.6	72	250	390	70	28
12/08/1983	ICM	-	6.5	37	241	220	71	32
12/14/1983	ICM	-	6.6	80	245	250	53	21
12/20/1983	ICM	-	6.8	70	271	80	63	43
12/28/1983	ICM	-	6.7	80	227	150	70	48
1/10/1984	ICM	-	6.4	27	239	85	66	41
1/17/1984	ICM	-	6.7	70	223	250	63	44
1/26/1984	ICM	-	6.7	65	211	320	67	75
2/02/1984	ICM	-	6.4	65	250	140	66	47
2/09/1984	ICM	-	6.5	68	272	80	67	39
2/14/1984	ICM	-	6.5	67	311	270	66	48
2/21/1984	ICM	-	6.7	67	229	120	65	20
2/28/1984	ICM	-	6.9	70	312	390	64	22
3/07/1984	ICM	-	6.8	68	278	150	62	25
3/13/1984	ICM	-	6.6	70	287	130	65	26
3/21/1984	ICM	-	6.7	70	303	160	63	24
3/27/1984	ICM	-	6.6	72	236	220	61	29
4/10/1984	ICM	-	6.8	72	140	110	66	25
4/18/1984	ICM	-	6.6	70	248	220	64	34
4/26/1984	ICM	-	6.2	67	226	240	62	25
5/01/1984	ICM	-	6.7	68	283	210	62	28
5/08/1984	ICM	-	5.9	67	252	200	62	24
5/08/1984	USGS	414	5.9	67	252	200	62	24
5/15/1984	ICM	-	6.6	72	287	120	63	26
5/22/1984	ICM	-	6.7	75	285	220	64	27
5/29/1984	ICM	-	6.6	72	269	180	59	26
6/06/1984	ICM	-	6.9	70	260	170	62	22
6/12/1984	ICM	-	7.1	75	266	230	64	26
6/20/1984	ICM	-	6.6	67	307	200	66	26
6/28/1984	ICM	-	6.8	67	267	180	63	23
7/03/1984	ICM	-	6.6	75	400	120	66	24
7/10/1984	ICM	-	6.5	70	446	160	65	24
1/23/1985	ACUT	-	6.6	74	276	150	74	24
Well Number: 270087	Local Well Identifier: 305A				Geologic Unit: Stratified Drift			
6/16/1958	USGS	444	7.5	-	276	-	12	37
4/25/1961	USGS	-	7.6	-	284	-	24	-
4/26/1962	USGS	-	7.5	-	320	-	27	-
5/25/1965	USGS	885	7.1	-	-	-	-	-
12/28/1983	USGS	533	7.9	163	-	100	60	-
1/06/1984	ICM	-	7.5	166	342	110	76	49
Well Number: 270091	Local Well Identifier: MW 5				Geologic Unit: Stratified Drift			
5/22/1981	AEHA	202	7.7	26	106	50	22	24
7/29/1981	AEHA	196	7.0	-	-	-	49	-
3/31/1983	ICM	150	6.1	25	-	160	24	-
4/02/1984	ICM	-	5.9	-	380	200	17	38

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Total hardness (as CaCO3)	Dissolved calcium	Dissolved magnesium	Dissolved sodium	Dissolved iron (µg/L)	Dissolved manganese (µg/L)	Dissolved zinc (µg/L)
Well Number: 270086	Local Well Identifier: 410				Geologic Unit: Stratified Drift			
5/15/1981	AEHA	140	36	17	19	<100	<30	22
7/20/1981	AEHA	-	-	-	-	<100	<30	<15
11/02/1981	ICM	-	-	-	-	-	-	-
3/25/1982	ICM	160	-	-	-	44	10	-
4/13/1982	ICM	180	-	-	-	<2	<13	-
10/14/1982	ICM	-	-	-	-	-	-	130
1/20/1983	ICM	150	-	-	-	20	<3	-
1/26/1983	ICM	160	-	-	-	10	18	<11
2/04/1983	ICM	160	-	-	-	20	<4	-
2/11/1983	ICM	170	-	-	-	20	<4	-
2/18/1983	ICM	160	-	-	-	80	6	-
2/24/1983	ICM	150	-	-	-	20	14	-
3/22/1983	ICM	160	-	-	35	<4	3	-
4/27/1983	ICM	150	-	-	-	110	6	-
5/19/1983	ICM	72	-	-	-	200	8	-
7/13/1983	ICM	160	-	-	-	<50	9	-
9/12/1983	ICM	160	-	-	-	<50	<4	-
9/14/1983	ICM	160	-	-	-	<50	<3	-
11/15/1983	ICM	150	-	-	23	420	7	130
11/21/1983	ICM	150	-	-	-	440	9	-
12/08/1983	ICM	150	-	-	-	240	3	-
12/14/1983	ICM	140	-	-	-	790	7	-
12/20/1983	ICM	150	-	-	28	110	<3	23
12/28/1983	ICM	180	-	-	-	500	6	-
1/10/1984	ICM	150	-	-	26	26	1	15
1/17/1984	ICM	180	-	-	23	210	3	10
1/26/1984	ICM	170	-	-	21	83	<3	4
2/02/1984	ICM	140	-	-	22	22	<3	12
2/09/1984	ICM	160	-	-	20	160	<3	8
2/14/1984	ICM	160	-	-	25	220	<3	23
2/21/1984	ICM	150	-	-	24	110	<4	32
2/28/1984	ICM	150	-	-	21	82	<4	8
3/07/1984	ICM	140	-	-	24	120	6	5
3/13/1984	ICM	150	-	-	-	510	<4	-
3/21/1984	ICM	150	-	-	-	400	7	-
3/27/1984	ICM	150	-	-	-	110	<3	-
4/10/1984	ICM	150	-	-	26	230	5	21
4/18/1984	ICM	140	-	-	-	340	<3	-
4/26/1984	ICM	140	-	-	-	<63	5	-
5/01/1984	ICM	150	-	-	-	<63	<3	-
5/08/1984	ICM	140	-	-	26	17	4	580
5/08/1984	USGS	140	34	14	26	17	<4	580
5/15/1984	ICM	160	-	-	-	430	3	-
5/22/1984	ICM	160	-	-	-	190	12	-
5/29/1984	ICM	140	-	-	-	30	<4	-
6/06/1984	ICM	150	-	-	-	92	<3	-
6/12/1984	ICM	160	-	-	27	86	5	470
6/20/1984	ICM	150	-	-	-	200	<3	-
6/28/1984	ICM	150	-	-	-	170	<3	-
7/03/1984	ICM	150	-	-	-	310	-	-
7/10/1984	ICM	150	-	-	-	180	<4	-
1/23/1985	ACUT	160	-	-	22	<30	<10	10
Well Number: 270087	Local Well Identifier: 305A				Geologic Unit: Stratified Drift			
6/16/1958	USGS	230	53	24	3	40	340	-
4/25/1961	USGS	210	-	-	-	50	300	-
4/26/1962	USGS	250	-	-	-	20	400	-
5/25/1965	USGS	-	-	-	-	90	380	-
12/28/1983	USGS	220	54	21	22	39	310	31
1/06/1984	ICM	270	-	-	26	460	350	40
Well Number: 270091	Local Well Identifier: MW 5				Geologic Unit: Stratified Drift			
5/22/1981	AEHA	110	20	4.8	6.0	<100	64	<15
7/29/1981	AEHA	-	-	-	-	<100	560	<15
3/31/1983	ICM	62	-	-	-	-	-	120
4/02/1984	ICM	-	-	-	9.1	6,600	1,800	170

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in micrograms per liter]

Date of sample	Sampling agency[1]	Dissolved cadmium	Dissolved chromium	Dissolved copper	Dissolved lead	Dissolved selenium	Dissolved arsenic	Dissolved cyanide
Well Number: 270086	Local Well Identifier: 410				Geologic Unit: Stratified Drift			
5/15/1981	AEHA	<1	<25	<25	<1	<5	<10	<10
7/20/1981	AEHA	<10	<25	<25	<5	-	<10	<10
11/02/1981	ICM	<4	<4	-	7	<1	<5	-
3/25/1982	ICM	-	-	-	-	-	-	-
4/13/1982	ICM	-	-	-	-	-	-	-
10/14/1982	ICM	1	10	9	9	12	24	3
1/20/1983	ICM	-	-	-	-	-	-	-
1/26/1983	ICM	-	-	30	-	-	-	-
2/04/1983	ICM	-	-	-	-	-	-	-
2/11/1983	ICM	-	-	-	-	-	-	-
2/18/1983	ICM	-	-	-	-	-	-	-
2/24/1983	ICM	-	-	-	-	-	-	-
3/22/1983	ICM	2	3	-	26	<5	<5	-
4/27/1983	ICM	-	-	-	-	-	-	-
5/19/1983	ICM	-	-	-	-	-	-	-
7/13/1983	ICM	-	-	-	-	-	-	-
9/12/1983	ICM	-	-	-	-	-	-	-
9/14/1983	ICM	-	-	-	-	-	-	-
11/15/1983	ICM	<1	3	17	12	<5	<5	<1
11/21/1983	ICM	-	-	-	-	-	-	-
12/08/1983	ICM	-	-	-	-	-	-	-
12/14/1983	ICM	-	-	-	-	-	-	-
12/20/1983	ICM	<1	<1	3	11	<5	<5	<1
12/28/1983	ICM	-	-	-	-	-	-	-
1/10/1984	ICM	<1	3	4	<4	6	5	<1
1/17/1984	ICM	<1	2	4	8	<5	<5	<1
1/26/1984	ICM	<1	1	3	5	<5	<5	<1
2/02/1984	ICM	1	4	3	5	<5	<5	<1
2/09/1984	ICM	<1	3	5	6	<5	<5	<1
2/14/1984	ICM	<1	4	1	4	<5	<5	<1
2/21/1984	ICM	<1	3	3	<4	<5	<5	<1
2/28/1984	ICM	1	2	5	3	<5	<5	<1
3/07/1984	ICM	<1	4	5	12	<5	<5	<1
3/13/1984	ICM	-	-	-	-	-	-	-
3/21/1984	ICM	-	-	-	-	-	-	-
3/27/1984	ICM	-	-	-	-	-	-	-
4/10/1984	ICM	1	7	4	7	<5	<5	<1
4/18/1984	ICM	-	-	-	-	-	-	-
4/26/1984	ICM	-	-	-	-	-	-	-
5/01/1984	ICM	-	-	-	-	-	-	-
5/08/1984	ICM	<1	11	<1	4	<5	<5	<1
5/08/1984	USGS	<1	11	<1	4	<5	<5	<1
5/15/1984	ICM	-	-	-	-	-	-	-
5/22/1984	ICM	-	-	-	-	-	-	-
5/29/1984	ICM	-	-	-	-	-	-	-
6/06/1984	ICM	-	-	-	-	-	-	-
6/12/1984	ICM	1	4	3	10	<5	<5	<1
6/20/1984	ICM	-	-	-	-	-	-	-
6/28/1984	ICM	-	-	-	-	-	-	-
7/03/1984	ICM	-	-	-	-	-	-	-
7/10/1984	ICM	-	-	-	-	-	-	-
1/23/1985	ACUT	-	-	<20	-	-	-	-
Well Number: 270087	Local Well Identifier: 305A				Geologic Unit: Stratified Drift			
6/16/1958	USGS	-	-	-	-	-	-	-
4/25/1961	USGS	-	-	-	-	-	-	-
4/26/1962	USGS	-	-	-	-	-	-	-
5/25/1965	USGS	-	-	-	-	-	-	-
12/28/1983	USGS	<1	10	<10	<10	<1	1	-
1/06/1984	ICM	<1	10	18	16	<5	7	<1
Well Number: 270091	Local Well Identifier: MW 5				Geologic Unit: Stratified Drift			
5/22/1981	AEHA	<5	<25	<25	<5	<5	<10	<10
7/29/1981	AEHA	<10	<25	<25	<5	-	<10	<10
3/31/1983	ICM	2	48	68	32	-	-	<1
4/02/1984	ICM	2	9	83	53	9	<5	1

Table 4.--Results of inorganic water-quality analyses of water samples from wells
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Specific conductance[2] (uS/cm at 25°C)	pH[2] (units)	Alkalinity (as CaCO3)	Dissolved solids	Dissolved fluoride (µg/L)	Dissolved chloride (µg/L)	Dissolved sulfate (µg/L)
Well Number: 270092	Local Well Identifier: MW 8				Geologic Unit: Stratified Drift			
5/22/1981	AEHA	180	7.0	27	156	130	24	19
7/29/1981	AEHA	142	6.5	-	-	-	18	-
3/30/1983	ICM	100	6.5	33	-	120	20	-
7/26/1983	ICM	-	-	-	-	-	-	-
11/29/1983	ICM	-	5.9	-	411	310	17	7.7
3/26/1984	ICM	-	6.1	-	377	100	17	10
7/02/1984	ICM	-	6.0	-	311	60	14	6.0
Well Number: 270093	Local Well Identifier: MW 9A				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	960	7.0	71	580	70	120	190
7/28/1981	AEHA	996	6.9	-	-	-	130	-
12/09/1981	ICM	-	-	-	-	-	90	-
9/21/1982	ICM	-	-	-	-	-	-	-
1/25/1983	ICM	-	-	-	-	-	-	-
2/23/1983	ICM	-	6.4	-	-	-	-	-
3/21/1983	ICM	-	6.6	-	-	-	-	-
7/11/1983	ICM	-	-	-	-	-	-	-
9/28/1983	ICM	-	-	-	-	-	-	-
11/16/1983	AEHA	531	6.9	123	309	100	74	37
1/30/1984	ICM	-	6.4	-	325	120	79	84
7/18/1984	ICM	-	6.4	-	410	330	110	52
11/21/1984	ACUT	500	6.3	-	-	<110	53	48
1/07/1985	ACUT	550	6.9	-	-	1,200	28	30
Well Number: 270094	Local Well Identifier: MW 9B				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	999	7.8	220	655	620	110	120
7/28/1981	AEHA	991	7.5	-	-	-	97	-
9/21/1982	ICM	-	-	-	-	-	-	-
1/19/1983	AEHA	700	7.4	134	445	610	100	70
1/25/1983	ICM	-	-	-	-	-	-	-
2/23/1983	ICM	-	6.5	-	-	-	-	-
3/21/1983	ICM	-	7.1	-	-	-	-	-
4/27/1983	ICM	-	6.6	-	-	-	-	-
5/25/1983	ICM	-	6.5	-	-	-	-	-
6/28/1983	ICM	-	-	-	-	-	-	-
7/26/1983	ICM	-	-	-	-	-	-	-
9/28/1983	ICM	-	-	-	-	-	-	-
1/30/1984	ICM	-	6.7	-	361	140	50	100
3/05/1984	ICM	-	6.5	-	424	350	130	28
4/26/1984	ICM	-	6.5	-	130	370	120	25
5/24/1984	ICM	-	6.7	-	444	800	94	26
6/18/1984	ICM	-	6.5	-	457	1,000	92	27
11/21/1984	ACUT	550	6.7	-	-	<780	50	16
1/07/1985	ACUT	600	7.0	-	-	750	55	21
Well Number: 270095	Local Well Identifier: MW 9C				Geologic Unit: Stratified Drift			
4/07/1981	ICM	-	-	-	1,100	-	-	-
5/19/1981	AEHA	2,150	7.3	160	1,210	2,800	370	260
7/28/1981	AEHA	1,680	7.4	-	-	-	160	-
9/20/1982	ICM	-	-	-	-	-	-	-
1/16/1983	AEHA	465	7.0	72	290	1,500	20	110
1/25/1983	ICM	-	-	-	-	-	-	-
2/23/1983	ICM	-	6.7	-	-	-	-	-
3/21/1983	ICM	-	7.0	-	-	-	-	-
4/27/1983	ICM	-	7.1	-	-	-	-	-
5/25/1983	ICM	-	6.9	-	-	-	-	-
6/28/1983	ICM	-	7.3	-	-	-	-	-
7/26/1983	ICM	-	-	-	-	-	-	-
9/28/1983	ICM	-	-	-	-	-	-	-
1/30/1984	ICM	-	6.8	-	177	310	20	92
3/05/1984	ICM	-	6.7	-	403	730	31	60
4/26/1984	ICM	-	6.8	-	272	510	13	55
5/24/1984	ICM	-	6.9	-	331	120	16	13
6/18/1984	ICM	-	6.9	-	278	150	14	57
Well Number: 270096	Local Well Identifier: MW 10				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	416	7.2	73	234	90	60	32
7/28/1981	AEHA	481	6.9	-	-	-	57	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Total hardness (as CaCO3)	Dissolved calcium	Dissolved magnesium	Dissolved sodium	Dissolved iron (µg/L)	Dissolved manganese (µg/L)	Dissolved zinc (µg/L)
Well Number: 270092	Local Well Identifier: MW 8				Geologic Unit: Stratified Drift			
5/22/1981	AEHA	66	11	3.7	10	15,000	3,200	<15
7/29/1981	AEHA	-	-	-	-	96,000	3,300	<15
3/30/1983	ICM	33	-	-	-	-	-	66
7/26/1983	ICM	-	-	-	-	-	-	190
11/29/1983	ICM	-	-	-	9.2	27,000	3,600	98
3/26/1984	ICM	-	-	-	15	41,000	1,900	37
7/02/1984	ICM	-	-	-	67	26,000	2,200	110
Well Number: 270093	Local Well Identifier: MW 9A				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	91	17	4.2	160	450	230	23
7/28/1981	AEHA	-	-	-	-	400	220	46
12/04/1981	ICM	220	-	-	-	79	590	-
9/21/1982	ICM	-	-	-	-	-	-	120
1/25/1983	ICM	-	-	-	-	-	-	31
2/23/1983	ICM	-	-	-	-	-	-	150
3/21/1983	ICM	-	-	-	-	-	-	71
7/11/1983	ICM	-	-	-	-	-	-	<76
9/28/1983	ICM	-	-	-	-	-	-	25
11/16/1983	AEHA	-	19	-	79	300	68	-
1/30/1984	ICM	-	-	-	130	130	40	34
7/18/1984	ICM	-	-	-	130	120	69	140
11/21/1984	ACUT	-	-	-	68	890	120	-
1/07/1985	ACUT	-	-	-	73	950	110	-
Well Number: 270094	Local Well Identifier: MW 9B				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	47	12	1.3	220	3,500	190	29
7/28/1981	AEHA	-	-	-	-	3,900	170	50
9/21/1982	ICM	-	-	-	-	-	-	110
1/19/1983	AEHA	-	26	-	120	610	<30	-
1/25/1983	ICM	-	-	-	-	-	-	58
2/23/1983	ICM	-	-	-	-	-	-	690
3/21/1983	ICM	-	-	-	-	-	-	46
4/27/1983	ICM	-	-	-	-	-	-	20
5/25/1983	ICM	-	-	-	-	-	-	19
6/28/1983	ICM	-	-	-	-	-	-	<92
7/26/1983	ICM	-	-	-	-	-	-	130
9/28/1983	ICM	-	-	-	-	-	-	43
1/30/1984	ICM	-	-	-	130	84	8	31
3/05/1984	ICM	-	-	-	120	68	22	80
4/26/1984	ICM	-	-	-	140	95	39	140
5/24/1984	ICM	-	-	-	140	120	23	12
6/18/1984	ICM	-	-	-	120	130	25	18
11/21/1984	ACUT	-	-	-	92	1,300	84	-
1/07/1985	ACUT	-	-	-	100	7,800	180	-
Well Number: 270095	Local Well Identifier: MW 9C				Geologic Unit: Stratified Drift			
4/07/1981	ICM	-	-	-	-	-	-	-
5/19/1981	AEHA	140	39	8.3	400	610	410	29
7/28/1981	AEHA	-	-	-	-	2,900	180	18
9/20/1982	ICM	-	-	-	-	-	-	150
1/16/1983	AEHA	-	16	-	69	180	<30	-
1/25/1983	ICM	-	-	-	-	-	-	29
2/23/1983	ICM	-	-	-	-	-	-	730
3/21/1983	ICM	-	-	-	-	-	-	-
4/27/1983	ICM	-	-	-	-	-	-	68
5/25/1983	ICM	-	-	-	-	-	-	29
6/28/1983	ICM	-	-	-	-	-	-	78
7/26/1983	ICM	-	-	-	-	-	-	130
9/28/1983	ICM	-	-	-	-	-	-	38
1/30/1984	ICM	-	-	-	95	170	50	56
3/05/1984	ICM	-	-	-	100	52	74	12
4/26/1984	ICM	-	-	-	110	120	21	170
5/24/1984	ICM	-	-	-	110	500	90	130
6/18/1984	ICM	-	-	-	100	150	74	12
Well Number: 270096	Local Well Identifier: MW 10				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	120	37	7.8	31	120	<30	34
7/28/1981	AEHA	-	-	-	-	320	<30	25

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in micrograms per liter]

Date of sample	Sampling agency[1]	Dissolved cadmium	Dissolved chromium	Dissolved copper	Dissolved lead	Dissolved selenium	Dissolved arsenic	Dissolved cyanide
Well Number: 270092	Local Well Identifier: MW 8				Geologic Unit: Stratified Drift			
5/22/1981	AEHA	<5	<25	<25	<5	<5	<10	<10
7/29/1981	AEHA	<10	<25	<25	<5	-	<10	<10
3/30/1983	ICM	2	25	12	87	<5	<5	<1
7/26/1983	ICM	<1	11	55	46	<5	<5	<1
11/29/1983	ICM	<1	11	<3	47	<5	<5	<1
3/26/1984	ICM	<1	22	<3	51	13	<5	<1
7/02/1984	ICM	1	24	3	160	<5	11	<1
Well Number: 270093	Local Well Identifier: MW 9A				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	<5	<25	<25	<5	<5	<10	<10
7/28/1981	AEHA	20	<25	<25	5	-	<10	<10
12/04/1981	ICM	-	-	-	-	-	-	-
9/21/1982	ICM	6	12	64	18	19	<5	2
1/25/1983	ICM	3	15	23	11	<5	<5	-
2/23/1983	ICM	2	21	45	16	7	16	<1
3/21/1983	ICM	4	22	50	6	<5	<5	2
7/11/1983	ICM	3	18	29	19	<5	27	1
9/28/1983	ICM	2	24	25	14	<5	24	2
11/16/1983	AEHA	1	<25	-	-	-	-	<10
1/30/1984	ICM	1	12	27	13	<5	<5	1
7/18/1984	ICM	2	21	200	3	<5	<2	5
11/21/1984	ACUT	<5	<25	-	6	<1	<1	<10
1/07/1985	ACUT	<5	<25	-	14	<1	2	<10
Well Number: 270094	Local Well Identifier: MW 9B				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	28	40	160	<5	<5	<10	30
7/28/1981	AEHA	42	48	150	11	-	<10	160
9/21/1982	ICM	23	29	230	28	13	<5	54
1/19/1983	AEHA	7	<25	-	-	-	-	10
1/25/1983	ICM	14	15	79	14	<5	<5	-
2/23/1983	ICM	9	8	41	47	7	30	7
3/21/1983	ICM	20	15	87	5	<5	<5	7
4/27/1983	ICM	9	10	60	6	<5	<5	10
5/25/1983	ICM	4	12	38	9	<5	<10	41
6/28/1983	ICM	9	16	58	13	<5	<5	51
7/26/1983	ICM	18	17	91	29	<5	<5	2
9/28/1983	ICM	22	16	410	20	9	24	4
1/30/1984	ICM	2	4	19	10	8	<5	24
3/05/1984	ICM	6	8	34	7	<5	<5	7
4/26/1984	ICM	35	18	16	5	7	<5	8
5/24/1984	ICM	7	11	44	4	11	<5	8
6/18/1984	ICM	3	26	36	3	<5	<2	35
11/21/1984	ACUT	16	<25	-	3	<1	3	<10
1/07/1985	ACUT	<5	<25	-	19	1	2	<10
Well Number: 270095	Local Well Identifier: MW 9C				Geologic Unit: Stratified Drift			
4/07/1981	ICM	-	-	-	-	-	-	-
5/19/1981	AEHA	38	36	<25	9	<5	<10	110
7/28/1981	AEHA	13	150	30	9	-	<10	430
9/20/1982	ICM	47	100	170	50	<12	<5	11
1/16/1983	AEHA	7	<25	-	-	-	-	260
1/25/1983	ICM	20	30	24	8	<5	<5	-
2/23/1983	ICM	25	23	30	12	10	<5	17
3/21/1983	ICM	39	32	6	<1	<1	<5	53
4/27/1983	ICM	32	32	42	5	<5	<5	21
5/25/1983	ICM	32	24	30	<4	<5	<10	180
6/28/1983	ICM	27	32	23	15	<5	<5	220
7/26/1983	ICM	25	50	41	18	<5	18	300
9/28/1983	ICM	19	29	21	14	11	<5	250
1/30/1984	ICM	26	31	48	33	<5	<5	26
3/05/1984	ICM	48	9	24	<4	<5	<5	22
4/26/1984	ICM	3	13	28	9	5	<5	11
5/24/1984	ICM	61	21	28	97	8	<5	37
6/18/1984	ICM	33	15	20	3	<5	<2	11
Well Number: 270096	Local Well Identifier: MW 10				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	<5	<25	<25	<5	<5	<10	<10
7/28/1981	AEHA	10	<25	<25	7	-	<10	<10

Table 4.--Results of inorganic water-quality analyses of water samples from wells
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Specific conductance[2] (uS/cm at 25°C)	pH[2] (units)	Alkalinity (as CaCO3)	Dissolved solids	Dissolved fluoride (µg/L)	Dissolved chloride (µg/L)	Dissolved sulfate (µg/L)
Well Number: 270096	Local Well Identifier: MW 10				Geologic Unit: Stratified Drift			
9/21/1982	ICM	-	-	-	-	-	-	-
1/16/1983	AEHA	508	7.2	146	271	100	52	33
1/25/1983	ICM	-	-	-	-	-	-	-
2/23/1983	ICM	-	6.5	-	-	-	-	-
3/21/1983	ICM	-	6.6	-	-	-	-	-
4/27/1983	ICM	-	6.7	-	-	-	-	-
5/25/1983	ICM	-	6.5	-	-	-	-	-
7/07/1983	ICM	-	-	-	-	-	-	-
9/28/1983	ICM	-	-	-	-	-	-	-
1/30/1984	ICM	-	6.5	-	101	140	12	26
3/05/1984	ICM	-	6.4	-	169	320	-	6.0
4/26/1984	ICM	-	5.9	-	212	110	56	15
5/24/1984	ICM	-	6.0	-	271	200	62	50
6/26/1984	ICM	-	6.2	-	150	200	30	12
11/21/1984	ACUT	400	6.4	-	-	120	48	17
Well Number: 270097	Local Well Identifier: MW 11				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	503	7.9	42	248	150	89	46
7/28/1981	AEHA	435	7.0	-	-	-	76	-
9/20/1982	ICM	-	-	-	-	-	-	-
1/13/1983	AEHA	502	6.1	40	259	100	91	38
1/24/1983	ICM	-	-	-	-	-	-	-
2/23/1983	ICM	-	6.2	-	-	-	-	-
3/14/1983	ICM	-	6.3	-	-	-	-	-
4/26/1983	ICM	-	6.4	-	-	-	-	-
5/24/1983	ICM	-	6.1	-	-	-	-	-
7/07/1983	ICM	-	-	-	-	-	-	-
9/27/1983	ICM	-	-	-	-	-	-	-
1/26/1984	ICM	-	6.0	-	268	180	91	52
3/05/1984	ICM	-	6.0	-	275	60	86	20
4/23/1984	ICM	-	6.1	-	282	10	98	21
5/22/1984	ICM	-	5.8	-	316	130	100	20
6/11/1984	ICM	-	5.9	-	300	95	100	16
7/23/1984	ICM	-	6.1	-	328	180	87	16
11/21/1984	ACUT	450	6.0	-	-	<100	78	30
1/07/1985	ACUT	450	6.4	-	-	<100	81	21
Well Number: 270098	Local Well Identifier: MW 12 A				Geologic Unit: Stratified Drift			
5/21/1981	AEHA	1,040	8.3	150	568	350	220	110
7/28/1981	AEHA	1,060	7.5	-	-	-	140	-
9/20/1982	ICM	-	-	-	-	-	-	-
1/13/1983	AEHA	1,040	6.5	117	569	460	190	93
1/24/1983	ICM	-	-	-	-	-	-	-
2/23/1983	ICM	-	-	-	-	-	-	-
3/14/1983	ICM	-	6.9	-	-	-	-	-
4/26/1983	ICM	-	6.5	-	-	-	-	-
5/24/1983	ICM	-	6.7	-	-	-	-	-
7/07/1983	ICM	-	-	-	-	-	-	-
9/27/1983	ICM	-	-	-	-	-	-	-
1/26/1984	ICM	-	6.4	-	459	780	120	65
3/05/1984	ICM	-	6.3	-	474	470	120	39
4/23/1984	ICM	-	6.5	-	453	450	120	40
5/22/1984	ICM	-	6.5	-	438	800	140	38
6/11/1984	ICM	-	6.4	-	440	700	120	36
7/23/1984	ICM	-	6.4	-	463	550	110	35
11/21/1984	ACUT	1,000	6.4	-	-	440	170	63
1/07/1985	ACUT	975	6.7	-	-	470	180	45
Well Number: 270099	Local Well Identifier: MW 12B				Geologic Unit: Stratified Drift			
1/08/1981	AEHA	806	7.5	90	392	290	110	99
5/21/1981	AEHA	948	7.9	140	484	-	170	66
7/28/1981	AEHA	1,150	6.9	-	-	-	150	-
11/04/1981	AEHA	-	-	-	-	-	-	-
9/20/1982	ICM	-	-	-	-	-	-	-
1/13/1983	AEHA	895	6.7	105	483	270	160	72
1/24/1983	ICM	-	-	-	-	-	-	-
2/23/1983	ICM	-	6.7	-	-	-	-	-
3/14/1983	ICM	-	7.0	-	-	-	-	-
4/26/1983	ICM	-	6.7	-	-	-	-	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Total hardness (as CaCO3)	Dissolved calcium	Dissolved magnesium	Dissolved sodium	Dissolved iron (µg/L)	Dissolved manganese (µg/L)	Dissolved zinc (µg/L)
Well Number: 270096	Local Well Identifier: MW 10				Geologic Unit: Stratified Drift			
9/21/1982	ICM	-	-	-	-	-	-	110
1/16/1983	AEHA	-	34	-	39	1,050	74	-
1/25/1983	ICM	-	-	-	-	-	-	<24
2/23/1983	ICM	-	-	-	-	-	-	150
3/21/1983	ICM	-	-	-	-	-	-	67
4/27/1983	ICM	-	-	-	-	-	-	28
5/25/1983	ICM	-	-	-	-	-	-	29
7/07/1983	ICM	-	-	-	-	-	-	37
9/28/1983	ICM	-	-	-	-	-	-	20
1/30/1984	ICM	-	-	-	16	2,200	200	540
3/05/1984	ICM	-	-	-	60	460	19	53
4/26/1984	ICM	-	-	-	110	700	36	250
5/24/1984	ICM	-	-	-	41	610	78	150
6/26/1984	ICM	-	-	-	58	250	19	37
11/21/1984	ACUT	-	-	-	33	540,000	220	-
Well Number: 270097	Local Well Identifier: MW 11				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	130	24	9.4	48	<100	<30	21
7/28/1981	AEHA	-	-	-	-	<100	<30	<15
9/20/1982	ICM	-	-	-	-	-	-	54
1/13/1983	AEHA	-	25	-	50	<100	<30	-
1/24/1983	ICM	-	-	-	-	-	-	84
2/23/1983	ICM	-	-	-	-	-	-	59
3/14/1983	ICM	-	-	-	-	-	-	26
4/26/1983	ICM	-	-	-	-	-	-	19
5/24/1983	ICM	-	-	-	-	-	-	18
7/07/1983	ICM	-	-	-	-	-	-	33
9/27/1983	ICM	-	-	-	-	-	-	15
1/26/1984	ICM	-	-	-	64	75	4	70
3/05/1984	ICM	-	-	-	83	48	4	160
4/23/1984	ICM	-	-	-	90	84	10	49
5/22/1984	ICM	-	-	-	91	110	<4	1,400
6/11/1984	ICM	-	-	-	93	48	7	110
7/23/1984	ICM	-	-	-	97	200	5	29
11/21/1984	ACUT	-	-	-	45	15,000	340	-
1/07/1985	ACUT	-	-	-	48	4,300	70	-
Well Number: 270098	Local Well Identifier: MW 12A				Geologic Unit: Stratified Drift			
5/21/1981	AEHA	290	73	29	89	<100	800	15
7/28/1981	AEHA	-	-	-	-	260	1,700	17
9/20/1982	ICM	-	-	-	-	-	-	210
1/13/1983	AEHA	-	62	-	100	180	430	-
1/24/1983	ICM	-	-	-	-	-	-	100
2/23/1983	ICM	-	-	-	-	-	-	130
3/14/1983	ICM	-	-	-	-	-	-	<47
4/26/1983	ICM	-	-	-	-	-	-	42
5/24/1983	ICM	-	-	-	-	-	-	110
7/07/1983	ICM	-	-	-	-	-	-	34
9/27/1983	ICM	-	-	-	-	-	-	20
1/26/1984	ICM	-	-	-	78	110	500	42
3/05/1984	ICM	-	-	-	100	120	630	30
4/23/1984	ICM	-	-	-	96	170	600	51
5/22/1984	ICM	-	-	-	110	280	810	150
6/11/1984	ICM	-	-	-	110	160	690	47
7/23/1984	ICM	-	-	-	120	210	650	22
11/21/1984	ACUT	-	-	-	100	1,900	1,100	-
1/07/1985	ACUT	-	-	-	120	18,000	<2,000	-
Well Number: 270099	Local Well Identifier: MW 12B				Geologic Unit: Stratified Drift			
1/08/1981	AEHA	180	-	-	-	<100	190	280
5/21/1981	AEHA	230	59	24	89	<100	<30	18
7/28/1981	AEHA	-	-	-	-	140	150	<15
11/04/1981	AEHA	-	-	-	-	-	-	-
9/20/1982	ICM	-	-	-	-	-	-	210
1/13/1983	AEHA	-	51	-	80	<100	49	-
1/24/1983	ICM	-	-	-	-	-	-	84
2/23/1983	ICM	-	-	-	-	-	-	14
3/14/1983	ICM	-	-	-	-	-	-	54
4/26/1983	ICM	-	-	-	-	-	-	23

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in micrograms per liter]

Date of sample	Sampling agency[1]	Dissolved cadmium	Dissolved chromium	Dissolved copper	Dissolved lead	Dissolved selenium	Dissolved arsenic	Dissolved cyanide
Well Number: 270096	Local Well Identifier: MW 10				Geologic Unit: Stratified Drift			
9/21/1982	ICM	1	5	47	25	<5	<5	2
1/16/1983	AEHA	<1	25	-	-	-	-	100
1/25/1983	ICM	<1	11	15	8	<5	<5	-
2/23/1983	ICM	6	4	7	18	<5	5	4
3/21/1983	ICM	2	8	20	8	6	<5	6
4/27/1983	ICM	1	5	26	<4	<5	<5	10
5/25/1983	ICM	1	3	10	12	<5	<10	2
7/07/1983	ICM	<1	6	12	9	<5	5	<1
9/28/1983	ICM	1	8	12	7	<5	20	6
1/30/1984	ICM	2	18	230	65	<5	<5	3
3/05/1984	ICM	1	6	20	18	<5	<5	<1
4/26/1984	ICM	1	11	6	8	6	<5	3
5/24/1984	ICM	<1	9	22	8	5	<5	1
6/26/1984	ICM	<1	4	21	1	<5	<2	2
11/21/1984	ACUT	<5	<25	-	28	2	46	<10
Well Number: 270097	Local Well Identifier: MW 11				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	<5	<25	<25	<5	<5	<10	<10
7/28/1981	AEHA	<10	<25	<25	<5	-	<10	<10
9/20/1982	ICM	1	8	5	10	<5	<5	1
1/13/1983	AEHA	<1	<25	-	-	-	-	<10
1/24/1983	ICM	<1	3	16	10	<5	<5	-
2/23/1983	ICM	<1	10	3	9	<5	<5	<1
3/14/1983	ICM	1	4	11	16	<5	<5	2
4/26/1983	ICM	<1	3	14	9	<5	<5	1
5/24/1983	ICM	<1	4	5	7	<5	<10	<1
7/07/1983	ICM	<1	6	7	11	<5	9	<1
9/27/1983	ICM	1	3	6	7	<5	<5	<1
1/26/1984	ICM	1	72	10	28	<5	<5	<1
3/05/1984	ICM	1	6	3	8	<5	<5	<1
4/23/1984	ICM	1	10	<2	7	<5	<5	<1
5/22/1984	ICM	2	4	3	9	8	<5	<1
6/11/1984	ICM	1	3	<2	11	<5	<5	<1
7/23/1984	ICM	<1	8	13	<5	<5	<2	<1
11/21/1984	ACUT	<5	<25	-	6	<1	9	<10
1/07/1985	ACUT	<5	<25	-	9	<1	1	<10
Well Number: 270098	Local Well Identifier: MW 12A				Geologic Unit: Stratified Drift			
5/21/1981	AEHA	<5	<25	<25	<5	<5	<10	10
7/28/1981	AEHA	<10	<25	<25	<5	-	<10	<10
9/20/1982	ICM	3	7	44	43	<5	<5	1
1/13/1983	AEHA	<1	44	-	-	-	-	-
1/24/1983	ICM	1	7	41	37	6	<5	-
2/23/1983	ICM	7	4	16	35	12	<5	<1
3/14/1983	ICM	<2	5	12	11	<5	10	<1
4/26/1983	ICM	1	5	21	8	<5	<5	<1
5/24/1983	ICM	2	4	7	15	<5	<10	<1
7/07/1983	ICM	<1	12	16	18	<5	<5	<1
9/27/1983	ICM	2	2	14	19	<5	8	<1
1/26/1984	ICM	1	10	9	17	<5	<5	<1
3/05/1984	ICM	1	2	6	11	<5	<5	<1
4/23/1984	ICM	1	11	7	26	<5	<5	<1
5/22/1984	ICM	<1	2	3	11	<5	<5	<1
6/11/1984	ICM	1	4	9	15	<5	<5	<1
7/23/1984	ICM	<1	8	6	11	<5	<2	<1
11/21/1984	ACUT	<5	<25	-	2	<1	<1	<10
1/07/1985	ACUT	<5	<25	-	10	<1	3	<10
Well Number: 270099	Local Well Identifier: MW 12B				Geologic Unit: Stratified Drift			
1/08/1981	AEHA	23	<25	-	<5	<5	<10	50
5/21/1981	AEHA	<5	<25	<25	<5	<5	<10	<10
7/28/1981	AEHA	<10	<25	<25	<5	-	<10	<10
11/04/1981	AEHA	-	-	-	-	-	-	-
9/20/1982	ICM	12	180	470	51	<5	<5	<1
1/13/1983	AEHA	<1	<25	-	-	-	-	<10
1/24/1983	ICM	<1	5	13	18	<5	<5	-
2/23/1983	ICM	1	6	4	12	<5	10	<1
3/14/1983	ICM	<1	3	2	11	14	7	<1
4/26/1983	ICM	<1	4	19	5	<5	5	<1

Table 4.--Results of inorganic water-quality analyses of water samples from wells
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Specific conductance[2] (uS/cm at 25°C)	pH[2] (units)	Alkalinity (as CaCO3)	Dissolved solids	Dissolved fluoride (µg/L)	Dissolved chloride (µg/L)	Dissolved sulfate (µg/L)
Well Number: 270099	Local Well Identifier: MW 12B				Geologic Unit: Stratified Drift			
5/24/1983	ICM	-	6.9	-	-	-	-	-
7/07/1983	ICM	-	-	-	-	-	-	-
9/27/1983	ICM	-	-	-	-	-	-	-
1/26/1984	ICM	-	6.6	-	277	510	84	110
3/05/1984	ICM	-	6.6	-	346	310	81	25
4/23/1984	ICM	-	6.6	-	349	260	86	41
5/22/1984	ICM	-	6.5	-	367	320	86	36
6/11/1984	ICM	-	6.4	-	335	330	87	37
7/23/1984	ICM	-	6.3	-	453	800	140	29
11/21/1984	ACUT	900	6.2	-	-	150	140	45
1/07/1985	ACUT	690	6.6	-	-	150	110	33
Well Number: 270100	Local Well Identifier: MW 12C				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	716	7.9	110	372	140	130	34
7/28/1981	AEHA	960	7.4	-	-	-	150	-
9/20/1982	ICM	-	-	-	-	-	-	-
1/13/1983	AEHA	696	6.8	169	366	160	100	34
1/24/1983	ICM	-	-	-	-	-	-	-
2/23/1983	ICM	-	6.8	-	-	-	-	-
3/14/1983	ICM	-	7.0	-	-	-	-	-
4/26/1983	ICM	-	6.7	-	-	-	-	-
5/24/1983	ICM	-	6.9	-	-	-	-	-
7/07/1983	ICM	-	-	-	-	-	-	-
9/27/1983	ICM	-	-	-	-	-	-	-
1/26/1984	ICM	-	6.6	-	340	320	95	110
3/05/1984	ICM	-	6.5	-	351	80	93	25
4/23/1984	ICM	-	6.7	-	380	120	120	28
5/22/1984	ICM	-	6.6	-	462	160	150	21
6/11/1984	ICM	-	6.6	-	626	160	200	23
11/21/1984	ACUT	875	6.5	-	-	110	180	32
1/07/1985	ACUT	740	6.8	-	-	150	130	16
Well Number: 270101	Local Well Identifier: MW 13				Geologic Unit: Stratified Drift			
3/25/1983	ICM	230	7.4	105	-	-	30	-
7/26/1983	ICM	-	-	-	-	-	-	-
11/29/1983	ICM	-	6.7	-	145	280	7.4	12
3/22/1984	ICM	-	7.1	-	739	260	220	12
4/26/1984	ICM	-	6.9	-	435	190	95	10
7/02/1984	ICM	-	7.0	-	582	200	61	7.6
Well Number: 270102	Local Well Identifier: MW 14				Geologic Unit: Stratified Drift			
3/28/1983	ICM	100	5.9	30	-	160	4.9	-
Well Number: 270103	Local Well Identifier: MW 15				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	188	8.0	76	149	130	2.5	27
7/29/1981	AEHA	187	7.7	-	-	-	2.9	-
1/12/1983	AEHA	185	7.5	84	112	190	4.9	15
3/29/1983	ICM	150	7.8	84	-	420	7.9	-
8/03/1983	ICM	-	-	-	-	-	-	-
12/05/1983	ICM	-	7.0	-	312	220	6.9	20
3/26/1984	ICM	-	7.6	-	343	160	2.6	11
Well Number: 270104	Local Well Identifier: MW 16				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	716	6.5	91	355	120	150	7.7
7/29/1981	AEHA	684	5.8	-	-	-	110	-
1/12/1983	AEHA	330	6.4	109	194	190	36	20
3/28/1983	ICM	500	5.8	123	-	140	110	-
7/26/1983	ICM	-	-	-	-	-	-	-
11/29/1983	ICM	-	6.2	-	174	240	30	31
3/08/1984	ICM	-	5.8	-	276	140	80	6.7
Well Number: 270105	Local Well Identifier: MW 17				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	507	8.2	97	285	130	74	40
7/29/1981	AEHA	492	7.7	-	-	-	64	-
11/04/1981	AEHA	-	-	-	-	-	-	-
1/12/1983	AEHA	537	7.3	102	350	100	83	38
3/28/1983	ICM	440	7.1	85	-	200	93	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Total hardness (as CaCO3)	Dissolved calcium	Dissolved magnesium	Dissolved sodium	Dissolved iron (µg/L)	Dissolved manganese (µg/L)	Dissolved zinc (µg/L)
Well Number: 270099	Local Well Identifier: MW 12B				Geologic Unit: Stratified Drift			
5/24/1983	ICM	-	-	-	-	-	-	14
7/07/1983	ICM	-	-	-	-	-	-	66
9/27/1983	ICM	-	-	-	-	-	-	89
1/26/1984	ICM	-	-	-	70	69	8	45
3/05/1984	ICM	-	-	-	92	46	6	12
4/23/1984	ICM	-	-	-	97	65	5	68
5/22/1984	ICM	-	-	-	90	110	4	120
6/11/1984	ICM	-	-	-	85	80	<3	64
7/23/1984	ICM	-	-	-	110	260	9	27
11/21/1984	ACUT	-	-	-	79	540	38	-
1/07/1985	ACUT	-	-	-	59	120	<10	-
Well Number: 270100	Local Well Identifier: MW 12C				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	190	52	16	62	<100	55	24
7/28/1981	AEHA	-	-	-	-	100	98	16
9/20/1982	ICM	-	-	-	-	-	-	220
1/13/1983	AEHA	-	48	-	59	<100	<30	-
1/24/1983	ICM	-	-	-	-	-	-	69
2/23/1983	ICM	-	-	-	-	-	-	52
3/14/1983	ICM	-	-	-	-	-	-	31
4/26/1983	ICM	-	-	-	-	-	-	16
5/24/1983	ICM	-	-	-	-	-	-	25
7/07/1983	ICM	-	-	-	-	-	-	3
9/27/1983	ICM	-	-	-	-	-	-	48
1/26/1984	ICM	-	-	-	58	36	6	29
3/05/1984	ICM	-	-	-	92	53	10	16
4/23/1984	ICM	-	-	-	120	110	26	140
5/22/1984	ICM	-	-	-	110	100	14	160
6/11/1984	ICM	-	-	-	110	64	13	840
11/21/1984	ACUT	-	-	-	84	2,700	250	-
1/07/1985	ACUT	-	-	-	65	8,800	630	-
Well Number: 270101	Local Well Identifier: MW 13				Geologic Unit: Stratified Drift			
3/25/1983	ICM	66	-	-	-	-	-	240
7/26/1983	ICM	-	-	-	-	-	-	62
11/29/1983	ICM	-	-	-	8.4	22,000	4,400	130
3/22/1984	ICM	-	-	-	140	43,000	10,000	130
4/26/1984	ICM	-	-	-	110	77,000	55,000	240
7/02/1984	ICM	-	-	-	100	46,000	190	100
Well Number: 270102	Local Well Identifier: MW 14				Geologic Unit: Stratified Drift			
3/28/1983	ICM	39	-	-	-	-	-	72
Well Number: 270103	Local Well Identifier: MW 15				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	110	23	6.5	6.0	230	140	43
7/29/1981	AEHA	-	-	-	-	120	170	<15
1/12/1983	AEHA	-	24	-	4.3	<100	150	-
3/29/1983	ICM	15	-	-	-	-	-	220
8/03/1983	ICM	-	-	-	-	-	-	65
12/05/1983	ICM	-	-	-	57	830	150	71
3/26/1984	ICM	-	-	-	8.0	12,000	980	31
Well Number: 270104	Local Well Identifier: MW 16				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	190	54	12	36	100,000	2,200	62
7/29/1981	AEHA	-	-	-	-	57,000	2,400	32
1/12/1983	AEHA	-	35	-	6.7	14,000	780	-
3/28/1983	ICM	96	-	-	-	-	-	370
7/26/1983	ICM	-	-	-	-	-	-	210
11/29/1983	ICM	-	-	-	7.4	9,400	840	100
3/08/1984	ICM	-	-	-	18	24,000	940	62
Well Number: 270105	Local Well Identifier: MW 17				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	170	35	18	27	<100	200	<15
7/29/1981	AEHA	-	-	-	-	<100	330	<15
11/04/1981	AEHA	-	-	-	-	-	-	-
1/12/1983	AEHA	-	42	-	30	<100	250	-
3/28/1983	ICM	170	-	-	-	-	-	190

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in micrograms per liter]

Date of sample	Sampling agency[1]	Dissolved cadmium	Dissolved chromium	Dissolved copper	Dissolved lead	Dissolved selenium	Dissolved arsenic	Dissolved cyanide
Well Number: 270099	Local Well Identifier: MW 12B				Geologic Unit: Stratified Drift			
5/24/1983	ICM	<1	5	8	14	9	<10	<1
7/07/1983	ICM	1	4	4	13	<5	5	<1
9/27/1983	ICM	11	3	12	10	<5	12	<1
1/26/1984	ICM	<1	12	3	11	<5	<5	<1
3/05/1984	ICM	1	3	<1	44	<5	<5	<1
4/23/1984	ICM	<1	9	10	25	<5	<5	1
5/22/1984	ICM	<1	4	6	9	<5	<5	<1
6/11/1984	ICM	1	4	<2	13	<5	<5	<1
7/23/1984	ICM	<1	7	2	28	<5	<2	<1
11/21/1984	ACUT	<5	<25	-	<1	<1	<1	<10
1/07/1985	ACUT	<5	<25	-	2	<1	<1	<10
Well Number: 270100	Local Well Identifier: MW 12C				Geologic Unit: Stratified Drift			
5/19/1981	AEHA	<5	<25	<25	<5	<5	<10	<10
7/28/1981	AEHA	<10	<25	<25	<5	-	<10	<10
9/20/1982	ICM	1	2	100	64	<5	<5	1
1/13/1983	AEHA	<1	<25	-	-	-	-	<10
1/24/1983	ICM	<1	3	6	8	6	<5	-
2/23/1983	ICM	<1	2	3	20	8	10	<1
3/14/1983	ICM	<1	4	4	14	<5	22	<1
4/26/1983	ICM	<1	7	8	5	<5	<5	2
5/24/1983	ICM	<1	15	<3	9	<5	<10	<1
7/07/1983	ICM	2	10	20	18	<5	8	4
9/27/1983	ICM	3	8	56	32	<5	28	<1
1/26/1984	ICM	1	16	<3	13	<5	<5	<1
3/05/1984	ICM	1	6	3	8	<5	<5	<1
4/23/1984	ICM	1	10	4	9	7	<5	<1
5/22/1984	ICM	2	3	4	9	<5	<5	<1
6/11/1984	ICM	1	5	<2	15	<5	<5	<1
11/21/1984	ACUT	<5	<25	-	3	<1	1	<10
1/07/1985	ACUT	<5	<25	-	15	<1	1	<10
Well Number: 270101	Local Well Identifier: MW 13				Geologic Unit: Stratified Drift			
3/25/1983	ICM	3	33	4	140	7	<5	<1
7/26/1983	ICM	2	14	21	64	14	18	55
11/29/1983	ICM	<1	12	18	57	<5	<5	<1
3/22/1984	ICM	3	17	6	61	7	<5	<1
4/26/1984	ICM	3	51	3	130	6	<5	<1
7/02/1984	ICM	2	40	28	200	<5	10	1
Well Number: 270102	Local Well Identifier: MW 14				Geologic Unit: Stratified Drift			
3/28/1983	ICM	<1	3	15	43	5	<5	<1
Well Number: 270103	Local Well Identifier: MW 15				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	<5	<25	<25	<5	<5	<10	10
7/29/1981	AEHA	<10	<25	<25	<5	-	<10	<10
1/12/1983	AEHA	<1	<25	-	-	-	-	<10
3/29/1983	ICM	1	28	14	57	<5	9	<1
8/03/1983	ICM	2	20	8	11	14	<5	<1
12/05/1983	ICM	2	22	<3	25	<5	<5	<1
3/26/1984	ICM	<1	7	<3	12	6	<5	<1
Well Number: 270104	Local Well Identifier: MW 16				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	<5	<25	<25	<5	<5	<10	<10
7/29/1981	AEHA	<10	<25	<25	<5	-	<10	<10
1/12/1983	AEHA	<1	25	-	-	-	-	<10
3/28/1983	ICM	<1	15	10	27	<5	<5	<1
7/26/1983	ICM	<1	10	7	9	<5	16	<1
11/29/1983	ICM	<1	10	4	19	<5	<5	<1
3/08/1984	ICM	<1	10	14	18	<5	<5	<1
Well Number: 270105	Local Well Identifier: MW 17				Geologic Unit: Stratified Drift			
5/20/1981	AEHA	<5	<25	<25	<5	<5	<10	<10
7/29/1981	AEHA	<10	<25	<25	<5	-	<10	<10
11/04/1981	AEHA	-	-	-	-	-	-	-
1/12/1983	AEHA	<1	<25	-	-	-	-	<10
3/28/1983	ICM	24	6	420	120	<5	<5	<1

Table 4.--Results of inorganic water-quality analyses of water samples from wells
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Specific conductance[2] (uS/cm at 25°C)	pH[2] (units)	Alkalinity (as CaCO3)	Dissolved solids	Dissolved fluoride (µg/L)	Dissolved chloride (µg/L)	Dissolved sulfate (µg/L)
Well Number: 270105	Local Well Identifier: MW 17				Geologic Unit: Stratified Drift			
7/26/1983	ICM	-	-	-	-	-	-	-
11/29/1983	ICM	-	6.3	-	267	240	97	39
3/08/1984	ICM	-	6.8	-	312	220	100	28
Well Number: 270106	Local Well Identifier: MW 18				Geologic Unit: Stratified Drift			
5/21/1981	AEHA	500	8.3	190	313	150	32	22
7/29/1981	AEHA	518	7.0	-	-	-	34	-
1/12/1983	AEHA	505	7.2	207	336	100	42	19
3/28/1983	ICM	400	6.5	224	-	110	35	-
8/03/1983	ICM	-	-	-	-	-	-	-
12/05/1983	ICM	-	6.4	-	334	235	35	25
3/26/1984	ICM	-	6.6	-	362	130	29	10
Well Number: 270231	Local Well Identifier: MW A				Geologic Unit: Stratified Drift			
1/08/1983	AEHA	346	5.5	4	187	100	81	12
3/22/1983	ICM	150	5.8	8	-	110	43	-
8/01/1983	ICM	-	-	-	-	-	-	-
11/30/1983	ICM	-	5.7	-	165	120	49	10
3/05/1984	ICM	-	6.1	-	151	99	15	11
6/26/1984	ICM	-	5.0	-	73	45	16	9.6
1/08/1985	ACUT	300	6.7	-	-	<100	56	13
Well Number: 270232	Local Well Identifier: MW B				Geologic Unit: Stratified Drift			
10/18/1982	ICM	-	-	-	-	-	-	-
1/08/1983	AEHA	681	6.2	48	371	100	170	41
3/22/1983	ICM	640	6.2	79	-	170	240	-
7/27/1983	ICM	-	-	-	-	-	-	-
11/30/1983	ICM	-	6.0	-	303	145	79	21
3/22/1984	ICM	-	6.4	-	281	310	84	23
6/26/1984	ICM	-	6.1	-	431	90	150	14
Well Number: 270233	Local Well Identifier: MW C				Geologic Unit: Stratified Drift			
10/18/1982	ICM	-	-	-	-	-	-	-
1/08/1983	AEHA	459	7.0	136	319	130	66	25
3/22/1983	ICM	340	6.8	139	-	180	58	-
7/27/1983	ICM	-	-	-	-	-	-	-
11/30/1983	ICM	-	6.5	-	361	160	39	15
3/22/1984	ICM	-	6.9	-	271	480	40	14
6/26/1984	ICM	-	6.0	-	293	230	46	9.9
Well Number: 270234	Local Well Identifier: MW D				Geologic Unit: Stratified Drift			
1/09/1983	AEHA	209	9.6	90	131	330	4.2	19
3/22/1983	ICM	190	10.0	113	-	250	11	-
7/27/1983	ICM	-	-	-	-	-	-	-
11/30/1983	ICM	-	8.2	-	173	160	4.9	5.5
3/26/1984	ICM	-	8.5	-	147	280	2.6	7.0
6/26/1984	ICM	-	7.7	-	159	410	3.0	1.6
Well Number: 270235	Local Well Identifier: MW E				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	396	7.2	139	263	<100	29	29
3/23/1983	ICM	320	7.1	130	-	75	36	-
7/27/1983	ICM	-	-	-	-	-	-	-
12/01/1983	ICM	-	7.0	-	285	330	100	24
3/22/1984	ICM	-	7.0	-	316	310	47	18
6/26/1984	ICM	-	6.9	-	323	170	47	12
Well Number: 270236	Local Well Identifier: MW F				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	371	7.0	163	224	100	1	21
3/23/1983	ICM	290	6.9	176	-	100	14	-
8/01/1983	ICM	-	-	-	-	-	-	-
12/01/1983	ICM	-	7.0	-	242	250	17	8.0
3/26/1984	ICM	-	7.0	-	258	210	11	19
7/02/1984	ICM	-	6.8	-	382	340	10	100
Well Number: 270237	Local Well Identifier: MW G				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	339	7.5	70	191	100	43	26

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Total hardness (as CaCO3)	Dissolved calcium	Dissolved magnesium	Dissolved sodium	Dissolved iron (µg/L)	Dissolved manganese (µg/L)	Dissolved zinc (µg/L)
Well Number: 270105	Local Well Identifier: MW 17				Geologic Unit: Stratified Drift			
7/26/1983	ICM	-	-	-	-	-	-	190
11/29/1983	ICM	-	-	-	65	370	36	140
3/08/1984	ICM	-	-	-	87	460	87	27
Well Number: 270106	Local Well Identifier: MW 18				Geologic Unit: Stratified Drift			
5/21/1981	AEHA	230	71	14	13	16,000	1,100	<20
7/29/1981	AEHA	-	-	-	-	6,100	1,100	<15
1/12/1983	AEHA	-	68	-	14	21,000	710	-
3/28/1983	ICM	220	-	-	-	-	-	25
8/03/1983	ICM	-	-	-	-	-	-	46
12/05/1983	ICM	-	-	-	63	25,000	970	71
3/26/1984	ICM	-	-	-	15	2,000	760	310
Well Number: 270231	Local Well Identifier: MW A				Geologic Unit: Stratified Drift			
1/08/1983	AEHA	-	13	-	39	<100	<30	-
3/22/1983	ICM	24	-	-	-	-	-	960
8/01/1983	ICM	-	-	-	-	-	-	38
11/30/1983	ICM	-	-	-	31	19	7	12
3/05/1984	ICM	-	-	-	69	120	13	22
6/26/1984	ICM	-	-	-	59	430	46	1,000
1/08/1985	ACUT	-	-	-	29	7,800	230	-
Well Number: 270232	Local Well Identifier: MW B				Geologic Unit: Stratified Drift			
10/18/1982	ICM	-	-	-	-	-	-	120
1/08/1983	AEHA	-	24	-	85	6,600	510	-
3/22/1983	ICM	130	-	-	-	-	-	50
7/27/1983	ICM	-	-	-	-	-	-	120
11/30/1983	ICM	-	-	-	78	5,000	210	120
3/22/1984	ICM	-	-	-	73	3,300	230	100
6/26/1984	ICM	-	-	-	95	4,200	580	23
Well Number: 270233	Local Well Identifier: MW C				Geologic Unit: Stratified Drift			
10/18/1982	ICM	-	-	-	-	-	-	70
1/08/1983	AEHA	-	47	-	25	8,500	2,200	-
3/22/1983	ICM	190	-	-	-	-	-	130
7/27/1983	ICM	-	-	-	-	-	-	100
11/30/1983	ICM	-	-	-	15	14,000	2,900	82
3/22/1984	ICM	-	-	-	17	10,000	2,200	96
6/26/1984	ICM	-	-	-	61	4,100	3,000	85
Well Number: 270234	Local Well Identifier: MW D				Geologic Unit: Stratified Drift			
1/09/1983	AEHA	-	29	-	15	<100	<30	-
3/22/1983	ICM	81	-	-	-	-	-	38
7/27/1983	ICM	-	-	-	-	-	-	58
11/30/1983	ICM	-	-	-	18	680	140	78
3/26/1984	ICM	-	-	-	23	3,300	350	330
6/26/1984	ICM	-	-	-	74	220	71	49
Well Number: 270235	Local Well Identifier: MW E				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	-	46	-	8.2	3,900	720	-
3/23/1983	ICM	170	-	-	-	-	-	86
7/27/1983	ICM	-	-	-	-	-	-	86
12/01/1983	ICM	-	-	-	9.9	5,300	870	39
3/22/1984	ICM	-	-	-	16	8,500	1,000	450
6/26/1984	ICM	-	-	-	81	4,400	1,200	18
Well Number: 270236	Local Well Identifier: MW F				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	-	48	-	7.1	5,300	1,400	-
3/23/1983	ICM	180	-	-	-	-	-	100
8/01/1983	ICM	-	-	-	-	-	-	79
12/01/1983	ICM	-	-	-	10	16,000	2,800	35
3/26/1984	ICM	-	-	-	8.9	9,000	1,500	14
7/02/1984	ICM	-	-	-	60	4,400	1,500	15
Well Number: 270237	Local Well Identifier: MW G				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	-	31	-	16	<100	68	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in micrograms per liter]

Date of sample	Sampling agency[1]	Dissolved cadmium	Dissolved chromium	Dissolved copper	Dissolved lead	Dissolved selenium	Dissolved arsenic	Dissolved cyanide
Well Number: 270105	Local Well Identifier: MW 17				Geologic Unit: Stratified Drift			
7/26/1983	ICM	5	9.0	100	46	17	<5	<1
11/29/1983	ICM	<1	5	7	31	<5	<5	<1
3/08/1984	ICM	<1	5	14	27	<5	<5	<1
Well Number: 270106	Local Well Identifier: MW 18				Geologic Unit: Stratified Drift			
5/21/1981	AEHA	<5	<25	<25	<5	<5	<10	<10
7/29/1981	AEHA	<10	<25	<25	6	-	<10	<10
1/12/1983	AEHA	<1	<25	-	-	-	-	<10
3/28/1983	ICM	<1	5	6	21	12	9	<1
8/03/1983	ICM	4	8	10	14	<5	<5	<1
12/05/1983	ICM	2	5	13	21	<5	<5	<1
3/26/1984	ICM	1	9	5	21	14	<5	<1
Well Number: 270231	Local Well Identifier: MW A				Geologic Unit: Stratified Drift			
1/08/1983	AEHA	<1	<25	-	-	-	-	<10
3/22/1983	ICM	1	5	9	4	6	<5	<1
8/01/1983	ICM	<1	12	28	<4	15	10	<1
11/30/1983	ICM	<4	6	27	10	<5	<5	<1
3/05/1984	ICM	<1	4	6	34	<5	<5	<1
6/26/1984	ICM	2	4	23	3	<5	<2	<1
1/08/1985	ACUT	<5	<25	-	15	<1	<1	<10
Well Number: 270232	Local Well Identifier: MW B				Geologic Unit: Stratified Drift			
10/18/1982	ICM	1	15	17	9	11	<5	<1
1/08/1983	AEHA	<1	<25	-	-	-	-	<10
3/22/1983	ICM	2	3	11	8	<5	<5	12
7/27/1983	ICM	2	28	30	13	<5	<5	3
11/30/1983	ICM	<1	6	27	7	<5	<5	<1
3/22/1984	ICM	<1	8	20	<3	7	<5	<1
6/26/1984	ICM	<1	4	4	1	<5	<2	2
Well Number: 270233	Local Well Identifier: MW C				Geologic Unit: Stratified Drift			
10/18/1982	ICM	2	7	6	29	5	13	2
1/08/1983	AEHA	<1	<25	-	-	-	-	<10
3/22/1983	ICM	2	8	13	31	10	<5	<1
7/27/1983	ICM	2	7	12	24	<5	5	<1
11/30/1983	ICM	<1	5	10	26	<5	<5	<1
3/22/1984	ICM	3	8	9	10	9	<5	<1
6/26/1984	ICM	2	3	8	4	<5	<2	<1
Well Number: 270234	Local Well Identifier: MW D				Geologic Unit: Stratified Drift			
1/09/1983	AEHA	<1	<25	-	-	-	-	<10
3/22/1983	ICM	1	6	7	7	<5	<5	2
7/27/1983	ICM	2	6	13	13	<5	<5	<1
11/30/1983	ICM	<1	6	9	12	<5	<5	<1
3/26/1984	ICM	<1	5	4	11	5	<5	<1
6/26/1984	ICM	1	13	5	1	<5	13	2
Well Number: 270235	Local Well Identifier: MW E				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	<1	<25	-	-	-	-	<10
3/23/1983	ICM	1	8	7	13	<5	<5	<1
7/27/1983	ICM	2	6	3	11	16	11	<1
12/01/1983	ICM	<1	19	4	7	<5	<5	<1
3/22/1984	ICM	2	6	8	<1	6	<5	<1
6/26/1984	ICM	1	5	<2	4	<5	<2	<1
Well Number: 270236	Local Well Identifier: MW F				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	<1	<25	-	-	-	-	<10
3/23/1983	ICM	2	8	8	14	6	<5	<1
8/01/1983	ICM	1	5	11	22	11	<5	<1
12/01/1983	ICM	<1	10	18	22	<5	<5	<1
3/26/1984	ICM	1	3	4	11	<5	<5	<1
7/02/1984	ICM	1	4	3	15	<5	3	<1
Well Number: 270237	Local Well Identifier: MW G				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	<1	<25	-	-	-	-	<10

Table 4.--Results of inorganic water-quality analyses of water samples from wells
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Specific conductance[2] (uS/cm at 25°C)	pH[2] (units)	Alkalinity (as CaCO3)	Dissolved solids	Dissolved fluoride (µg/L)	Dissolved chloride (µg/L)	Dissolved sulfate (µg/L)
Well Number: 270237	Local Well Identifier: MW G				Geologic Unit: Stratified Drift			
3/23/1983	ICM	240	8.0	64	-	95	46	-
8/01/1983	ICM	-	-	-	-	-	-	-
12/01/1983	ICM	-	7.9	-	196	250	41	23
3/26/1984	ICM	-	8.0	-	177	110	29	18
7/02/1984	ICM	-	7.6	-	373	100	29	21
Well Number: 270238	Local Well Identifier: MW H				Geologic Unit: Stratified Drift			
10/25/1982	ICM	-	-	-	-	-	-	-
1/10/1983	AEHA	388	6.2	46	213	100	62	26
3/23/1983	ICM	300	6.2	46	-	70	68	-
8/03/1983	ICM	-	-	-	-	-	-	-
12/01/1983	ICM	-	6.1	-	213	370	54	19
3/26/1984	ICM	-	6.1	-	244	130	55	27
7/02/1984	ICM	-	6.2	-	370	75	52	17
Well Number: 270239	Local Well Identifier: MW I				Geologic Unit: Stratified Drift			
10/25/1982	ICM	-	-	-	-	-	-	-
1/10/1983	AEHA	769	6.8	143	428	100	140	35
3/25/1983	ICM	570	7.1	135	-	120	110	-
8/01/1983	ICM	-	-	-	-	-	-	-
12/05/1983	ICM	-	6.8	-	365	220	120	51
3/26/1984	ICM	-	6.9	-	364	50	100	25
7/02/1984	ICM	-	7.0	-	449	65	100	18
1/08/1985	ACUT	850	6.7	-	-	<100	100	22
Well Number: 270240	Local Well Identifier: MW J				Geologic Unit: Stratified Drift			
10/28/1982	ICM	-	-	-	-	-	-	-
1/11/1983	AEHA	78	6.1	18	51	100	3	10
3/25/1983	ICM	50	6.4	75	-	190	5	-
1/08/1985	ACUT	40	6.8	-	-	<100	4.4	14
Well Number: 270241	Local Well Identifier: MW K				Geologic Unit: Stratified Drift			
10/28/1982	ICM	-	-	-	-	-	-	-
1/11/1983	AEHA	599	5.3	4	326	100	170	21
3/25/1983	ICM	680	5.4	50	-	95	260	-
8/03/1983	ICM	-	-	-	-	-	-	-
12/05/1983	ICM	-	5.8	-	221	58	93	51
3/28/1984	ICM	-	5.4	-	431	200	140	100
Well Number: 270243	Local Well Identifier: Cafeteria 2				Geologic Unit: Stratified Drift			
1/14/1983	AEHA	490	6.5	62	289	120	66	73
7/11/1983	ICM	-	-	-	-	-	-	-
11/30/1984	ACUT	550	8.1	-	-	<190	72	21
Well Number: 270244	Local Well Identifier: Cafeteria 3				Geologic Unit: Stratified Drift			
1/14/1983	AEHA	225	7.5	108	131	100	7.1	15
7/11/1983	ICM	-	-	-	-	-	-	-
Well Number: 270245	Local Well Identifier: Cafeteria 4				Geologic Unit: Stratified Drift			
1/28/1983	AEHA	420	8.0	137	279	280	23	66
8/10/1983	ICM	-	-	-	-	-	-	-
Well Number: 270247	Local Well Identifier: BLDG 65-2				Geologic Unit: Stratified Drift			
1/17/1983	AEHA	194	7.1	47	113	130	4.5	22
7/11/1983	ICM	-	-	-	-	-	-	-
Well Number: 270248	Local Well Identifier: BLDG 65-3				Geologic Unit: Stratified Drift			
1/27/1983	AEHA	167	8.2	65	125	190	1.5	17
8/10/1983	ICM	-	-	-	-	-	-	-
Well Number: 270249	Local Well Identifier: BLDG 65-4				Geologic Unit: Stratified Drift			
1/17/1983	AEHA	621	7.8	174	342	130	85	23
7/11/1983	ICM	-	-	-	-	-	-	-
Well Number: 270251	Local Well Identifier: Landfill 2				Geologic Unit: Stratified Drift			
1/16/1983	AEHA	397	7.7	122	212	100	33	33
8/11/1983	ICM	-	-	-	-	-	-	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Total hardness (as CaCO3)	Dissolved calcium	Dissolved magnesium	Dissolved sodium	Dissolved iron (µg/L)	Dissolved manganese (µg/L)	Dissolved zinc (µg/L)
Well Number: 270237	Local Well Identifier: MW G				Geologic Unit: Stratified Drift			
3/23/1983	ICM	100	-	-	-	-	-	71
8/01/1983	ICM	-	-	-	-	-	-	82
12/01/1983	ICM	-	-	-	11	760	320	91
3/26/1984	ICM	-	-	-	16	700	340	130
7/02/1984	ICM	-	-	-	71	540	810	19
Well Number: 270238	Local Well Identifier: MW H				Geologic Unit: Stratified Drift			
10/25/1982	ICM	-	-	-	-	-	-	1,000
1/10/1983	AEHA	-	24	-	34	<100	49	-
3/23/1983	ICM	92	-	-	-	-	-	92
8/03/1983	ICM	-	-	-	-	-	-	87
12/01/1983	ICM	-	-	-	28	97	67	26
3/26/1984	ICM	-	-	-	36	52	26	92
7/02/1984	ICM	-	-	-	95	200	48	9
Well Number: 270239	Local Well Identifier: MW I				Geologic Unit: Stratified Drift			
10/25/1982	ICM	-	-	-	-	-	-	910
1/10/1983	AEHA	-	51	-	61	<100	77	-
3/25/1983	ICM	200	-	-	-	-	-	<13
8/01/1983	ICM	-	-	-	-	-	-	99
12/05/1983	ICM	-	-	-	84	1,800	180	31
3/26/1984	ICM	-	-	-	90	110	130	46
7/02/1984	ICM	-	-	-	120	120	160	8
1/08/1985	ACUT	-	-	-	58	7,300	5,200	-
Well Number: 270240	Local Well Identifier: MW J				Geologic Unit: Stratified Drift			
10/28/1982	ICM	-	-	-	-	-	-	1,000
1/11/1983	AEHA	-	5.5	-	3.1	<100	<30	-
3/25/1983	ICM	20	-	-	-	-	-	<13
1/08/1985	ACUT	-	-	-	2.1	55,000	220	-
Well Number: 270241	Local Well Identifier: MW K				Geologic Unit: Stratified Drift			
10/28/1982	ICM	-	-	-	-	-	-	730
1/11/1983	AEHA	-	10	-	89	<100	120	-
3/25/1983	ICM	110	-	-	-	-	-	69
8/03/1983	ICM	-	-	-	-	-	-	37
12/05/1983	ICM	-	-	-	93	2,400	83	35
3/28/1984	ICM	-	-	-	110	130	49	33
Well Number: 270243	Local Well Identifier: Cafeteria 2				Geologic Unit: Stratified Drift			
1/14/1983	AEHA	-	10	-	82	220	720	-
7/11/1983	ICM	-	-	-	-	-	-	44
11/30/1984	ACUT	-	-	-	100	1,200	460	-
Well Number: 270244	Local Well Identifier: Cafeteria 3				Geologic Unit: Stratified Drift			
1/14/1983	AEHA	-	24	-	4.6	<100	<30	-
7/11/1983	ICM	-	-	-	-	-	-	45
Well Number: 270245	Local Well Identifier: Cafeteria 4				Geologic Unit: Stratified Drift			
1/28/1983	AEHA	-	18	-	66	<100	250	-
8/10/1983	ICM	-	-	-	-	-	-	40
Well Number: 270247	Local Well Identifier: BLDG 65-2				Geologic Unit: Stratified Drift			
1/17/1983	AEHA	-	19	-	4.3	<100	140	-
7/11/1983	ICM	-	-	-	-	-	-	88
Well Number: 270248	Local Well Identifier: BLDG 65-3				Geologic Unit: Stratified Drift			
1/27/1983	AEHA	-	18	-	9.8	<100	60	-
8/10/1983	ICM	-	-	-	-	-	-	170
Well Number: 270249	Local Well Identifier: BLDG 65-4				Geologic Unit: Stratified Drift			
1/17/1983	AEHA	-	42	-	43	<100	130	-
7/11/1983	ICM	-	-	-	-	-	-	10
Well Number: 270251	Local Well Identifier: Landfill 2				Geologic Unit: Stratified Drift			
1/16/1983	AEHA	-	35	-	21	790	410	-
8/11/1983	ICM	-	-	-	-	-	-	240

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in micrograms per liter]

Date of sample	Sampling agency[1]	Dissolved cadmium	Dissolved chromium	Dissolved copper	Dissolved lead	Dissolved selenium	Dissolved arsenic	Dissolved cyanide
Well Number: 270237	Local Well Identifier: MW G				Geologic Unit: Stratified Drift			
3/23/1983	ICM	2	9	30	18	<5	<5	<1
8/01/1983	ICM	<1	5	5	19	29	5	<1
12/01/1983	ICM	<1	8	14	21	<5	<5	<1
3/26/1984	ICM	<1	5	9	7	<5	<5	<1
7/02/1984	ICM	1	6	24	53	<5	<2	2
Well Number: 270238	Local Well Identifier: MW H				Geologic Unit: Stratified Drift			
10/25/1982	ICM	3	2	37	15	<5	<5	1
1/10/1983	AEHA	<1	<25	-	-	-	-	<10
3/23/1983	ICM	2	5	16	15	<5	<5	<1
8/03/1983	ICM	3	17	6	<4	18	7	1
12/01/1983	ICM	<1	5	5	7	<5	<5	<1
3/26/1984	ICM	1	2	5	7	13	<5	<1
7/02/1984	ICM	2	4	3	17	<5	<2	<1
Well Number: 270239	Local Well Identifier: MW I				Geologic Unit: Stratified Drift			
10/25/1982	ICM	2	3	9	9	<5	<5	1
1/10/1983	AEHA	<1	<25	-	-	-	-	<10
3/25/1983	ICM	1	4	10	21	<5	<5	<1
8/01/1983	ICM	1	3	2	11	15	<5	<1
12/05/1983	ICM	<1	4	4	4	<5	<5	<1
3/26/1984	ICM	<1	7	8	8	15	<5	<1
7/02/1984	ICM	15	3	<2	4	<5	<2	<1
1/08/1985	ACUT	<5	<25	-	<1	<1	5	<10
Well Number: 270240	Local Well Identifier: MW J				Geologic Unit: Stratified Drift			
10/28/1982	ICM	1	6	32	660	<5	<5	1
1/11/1983	AEHA	<1	<25	-	-	-	-	10
3/25/1983	ICM	2	6	3	18	<5	<5	<1
1/08/1985	ACUT	<5	<25	-	7	<1	<1	<10
Well Number: 270241	Local Well Identifier: MW K				Geologic Unit: Stratified Drift			
10/28/1982	ICM	2	2	21	7	7	6	1
1/11/1983	AEHA	<1	<25	-	-	-	-	<10
3/25/1983	ICM	<1	4	7	6	<5	<5	<1
8/03/1983	ICM	2	7	2	<4	19	<5	<1
12/05/1983	ICM	1	2	3	<1	<5	<5	1
3/28/1984	ICM	<4	2	<3	160	10	<5	<1
Well Number: 270243	Local Well Identifier: Cafeteria 2				Geologic Unit: Stratified Drift			
1/14/1983	AEHA	8	<25	-	-	-	-	<10
7/11/1983	ICM	35	6	16	20	<5	27	16
11/30/1984	ACUT	33	<25	-	24	<1	5	<10
Well Number: 270244	Local Well Identifier: Cafeteria 3				Geologic Unit: Stratified Drift			
1/14/1983	AEHA	<1	<25	-	-	-	-	<10
7/11/1983	ICM	1	7	5	11	<5	17	<1
Well Number: 270245	Local Well Identifier: Cafeteria 4				Geologic Unit: Stratified Drift			
1/28/1983	AEHA	<1	<25	-	-	-	-	<10
8/10/1983	ICM	<1	18	10	52	28	<5	<1
Well Number: 270247	Local Well Identifier: BLDG 65-2				Geologic Unit: Stratified Drift			
1/17/1983	AEHA	<1	<25	-	-	-	-	<10
7/11/1983	ICM	1	6	2	4	<5	<5	1
Well Number: 270248	Local Well Identifier: BLDG 65-3				Geologic Unit: Stratified Drift			
1/27/1983	AEHA	<1	<25	-	-	-	-	<10
8/10/1983	ICM	<1	11	25	21	<5	<5	<1
Well Number: 270249	Local Well Identifier: BLDG 65-4				Geologic Unit: Stratified Drift			
1/17/1983	AEHA	<1	<25	-	-	-	-	<10
7/11/1983	ICM	2	7	2	9	<5	<5	5
Well Number: 270251	Local Well Identifier: Landfill 2				Geologic Unit: Stratified Drift			
1/16/1983	AEHA	<1	<25	-	-	-	-	<10
8/11/1983	ICM	11	6	27	51	25	<5	<1

Table 4.--Results of inorganic water-quality analyses of water samples from wells
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Specific conductance[2] (uS/cm at 25°C)	pH[2] (units)	Alkalinity (as CaCO3)	Dissolved solids	Dissolved fluoride (ug/L)	Dissolved chloride (ug/L)	Dissolved sulfate (ug/L)
Well Number: 270252	Local Well Identifier: Landfill 3				Geologic Unit: Stratified Drift			
1/26/1983	AEHA	280	7.9	119	159	220	7	15
8/11/1983	ICM	-	-	-	-	-	-	-
Well Number: 270256	Local Well Identifier: 507B				Geologic Unit: Stratified Drift			
5/08/1984	ICM	-	5.3	20	183	160	61	24
5/08/1984	USGS	345	5.3	20	183	160	61	24
Well Number: 270267	Local Well Identifier: 129 OBS				Geologic Unit: Stratified Drift			
4/11/1984	ICM	-	6.0	57	286	160	89	25
Well Number: 270268	Local Well Identifier: MW 151				Geologic Unit: Stratified Drift			
12/07/1983	ICM	-	7.5	171	387	130	110	29
12/08/1983	ICM	-	7.3	168	366	260	110	27
12/12/1983	ICM	-	7.1	173	389	120	96	26
12/13/1983	ICM	-	7.3	165	392	100	97	21
1/05/1984	ICM	-	7.6	170	351	170	83	33
1/05/1984	USGS	652	7.8	175	-	100	93	11
Well Number: 270269	Local Well Identifier: MW 12D				Geologic Unit: Stratified Drift			
11/21/1984	ACUT	625	7.2	-	-	290	100	33
1/07/1985	ACUT	650	7.3	-	-	280	95	32
Well Number: 270271	Local Well Identifier: MW 320				Geologic Unit: Stratified Drift			
1/26/1984	ICM	-	7.0	140	318	510	73	79
1/27/1984	ICM	-	6.9	145	345	330	75	87
1/30/1984	ICM	-	7.0	145	299	210	71	41
1/31/1984	ICM	-	7.0	105	354	250	75	43
2/01/1984	ICM	-	6.9	146	336	220	75	43
5/07/1984	ICM	-	6.6	17	399	210	79	40
5/07/1984	USGS	636	7.4	180	-	200	4.8	8.8
1/08/1985	ACUT	500	7.3	-	-	100	54	26
Well Number: 270276	Local Well Identifier: MW 178				Geologic Unit: Stratified Drift			
1/31/1984	ICM	-	6.8	62	278	210	38	41
2/01/1984	ICM	-	6.9	67	220	190	38	56
2/02/1984	ICM	-	6.9	68	220	260	37	58
2/03/1984	ICM	-	6.8	67	226	190	36	72
2/06/1984	ICM	-	6.7	70	266	200	37	56
3/07/1984	ICM	-	6.7	65	218	110	36	38
3/08/1984	ICM	-	6.6	67	233	460	33	34
5/07/1984	ICM	-	6.3	22	239	300	39	23
5/07/1984	USGS	367	7.0	67	-	200	40	58
Well Number: 270278	Local Well Identifier: MW 176S				Geologic Unit: Stratified Drift			
3/08/1984	ICM	-	5.9	40	238	230	63	96
3/13/1984	ICM	-	6.3	50	269	310	64	30
5/07/1984	ICM	-	5.7	50	233	110	67	7.3
5/07/1984	USGS	414	6.5	48	-	200	86	31
Well Number: 270281	Local Well Identifier: MW H-3				Geologic Unit: Stratified Drift			
10/12/1984	ACUT	155	9.5	-	-	<100	1.7	300
11/29/1984	ACUT	155	9.8	-	-	240	2.7	45
Well Number: 270282	Local Well Identifier: MW H-4				Geologic Unit: Stratified Drift			
10/12/1984	ACUT	350	6.2	-	-	<100	54	19
11/29/1984	ACUT	400	8.8	-	-	<100	59	26
1/08/1985	ACUT	400	6.3	-	-	<100	59	25
Well Number: 270083	Local Well Identifier: 302D				Geologic Unit: Leithsville Formation			
6/16/1958	USGS	360	7.3	-	212	-	9	32
4/25/1961	USGS	-	7.5	-	250	-	21	-
4/26/1962	USGS	-	7.5	-	254	-	22	-
5/27/1965	USGS	475	7.3	-	-	-	-	-
Well Number: 270246	Local Well Identifier: BLDG 65-1				Geologic Unit: Leithsville Formation			
1/27/1983	AEHA	306	7.8	103	183	100	21	22
8/10/1983	ICM	-	-	-	-	-	-	-

Table 4.--Results of inorganic watar-quality analyses of water samples from wells--Continued
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Total hardness (as CaCO3)	Dissolved calcium	Dissolved magnesium	Dissolved sodium	Dissolved iron (µg/L)	Dissolved manganese (µg/L)	Dissolved zinc (µg/L)
Well Number: 270252	Local Well Identifier: Landfill 3				Geologic Unit: Stratified Drift			
1/26/1983	AEHA	-	28	-	28	<100	170	-
8/11/1983	ICM	-	-	-	-	-	-	23
Well Number: 270256	Local Well Identifier: 507B				Geologic Unit: Stratified Drift			
5/08/1984	ICM	75	-	-	44	23	66	770
5/08/1984	USGS	75	21	5.5	44	230	66	770
Well Number: 270267	Local Well Identifier: 129 OBS				Geologic Unit: Stratified Drift			
4/11/1984	ICM	94	-	-	97	87	3	1,400
Well Number: 270268	Local Well Identifier: MW 151				Geologic Unit: Stratified Drift			
12/07/1983	ICM	260	-	-	71	2,500	590	14
12/08/1983	ICM	240	-	-	75	2,500	630	16
12/12/1983	ICM	240	-	-	48	810	540	38
12/13/1983	ICM	270	-	-	78	650	560	38
1/05/1984	ICM	260	-	-	34	2,200	540	110
1/05/1984	USGS	72	56	26	33	13	580	13
Well Number: 270269	Local Well Identifier: MW 12D				Geologic Unit: Stratified Drift			
11/21/1984	ACUT	-	-	-	50	890	660	-
1/07/1985	ACUT	-	-	-	48	140	180	-
Well Number: 270271	Local Well Identifier: MW 320				Geologic Unit: Stratified Drift			
1/26/1984	ICM	250	-	-	35	710	1,000	58
1/27/1984	ICM	240	-	-	47	460	1,000	16
1/30/1984	ICM	210	-	-	140	350	1,000	29
1/31/1984	ICM	210	-	-	130	330	1,000	11
2/01/1984	ICM	200	-	-	36	250	1,200	30
5/07/1984	ICM	18	-	-	54	76	1,100	1,200
5/07/1984	USGS	-	51	23	43	80	1,200	20
1/08/1985	ACUT	-	-	-	27	480	2,100	-
Well Number: 270276	Local Well Identifier: MW 178				Geologic Unit: Stratified Drift			
1/31/1984	ICM	160	-	-	22	470	20	8
2/01/1984	ICM	160	-	-	11	67	8	14
2/02/1984	ICM	160	-	-	11	410	26	16
2/03/1984	ICM	160	-	-	10	71	<14	18
2/06/1984	ICM	160	-	-	8.3	97	15	14
3/07/1984	ICM	160	-	-	12	2,800	72	25
3/08/1984	ICM	150	-	-	11	530	26	110
5/07/1984	ICM	160	-	-	10	21	5	1,100
5/07/1984	USGS	-	37	16	9.6	4	2	9
Well Number: 270278	Local Well Identifier: MW 176S				Geologic Unit: Stratified Drift			
3/08/1984	ICM	100	-	-	39	130	17	19
3/13/1984	ICM	110	-	-	40	170	25	30
5/07/1984	ICM	100	-	-	45	96	16	1,600
5/07/1984	USGS	-	28	8.9	37	74	17	14
Well Number: 270281	Local Well Identifier: MW H-3				Geologic Unit: Stratified Drift			
10/12/1984	ACUT	-	-	-	13	110	10	-
11/29/1984	ACUT	-	-	-	12	100	60	-
Well Number: 270282	Local Well Identifier: MW H-4				Geologic Unit: Stratified Drift			
10/12/1984	ACUT	-	-	-	27	<30	49	-
11/29/1984	ACUT	-	-	-	25	4,800	440	-
1/08/1985	ACUT	-	-	-	37	1,300	100	-
Well Number: 270083	Local Well Identifier: 302D				Geologic Unit: Leithsville Formation			
6/16/1958	USGS	180	42	18	6.2	160	200	-
4/25/1961	USGS	180	-	-	-	50	300	-
4/26/1962	USGS	200	-	-	-	100	300	-
5/27/1965	USGS	-	-	-	-	160	250	-
Well Number: 270246	Local Well Identifier: BLDG 65-1				Geologic Unit: Leithsville Formation			
1/27/1983	AEHA	-	11	-	12	<100	310	-
8/10/1983	ICM	-	-	-	-	-	-	150

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in micrograms per liter]

Date of sample	Sampling agency[1]	Dissolved cadmium	Dissolved chromium	Dissolved copper	Dissolved lead	Dissolved selenium	Dissolved arsenic	Dissolved cyanide
Well Number: 270252	Local Well Identifier: Landfill 3				Geologic Unit: Stratified Drift			
1/26/1983	AEHA	<1	<25	-	-	-	-	<10
8/11/1983	ICM	1	4	5	<4	29	<5	<1
Well Number: 270256	Local Well Identifier: 507B				Geologic Unit: Stratified Drift			
5/08/1984	ICM	1	8	15	9	<5	<5	<1
5/08/1984	USGS	1	8	150	9	<5	<5	<1
Well Number: 270267	Local Well Identifier: 129 OBS				Geologic Unit: Stratified Drift			
4/11/1984	ICM	1	8	26	18	<5	<5	<1
Well Number: 270268	Local Well Identifier: MW 151				Geologic Unit: Stratified Drift			
12/07/1983	ICM	2	5	10	18	<5	<5	<1
12/08/1983	ICM	1	4	11	11	<5	<5	<1
12/12/1983	ICM	<1	5	11	14	<5	<5	<1
12/13/1983	ICM	<4	3	6	10	<5	<5	<1
1/05/1984	ICM	<1	4	8	9	<5	<5	<1
1/05/1984	USGS	<1	<10	10	<10	1	4	-
Well Number: 270269	Local Well Identifier: MW 12D				Geologic Unit: Stratified Drift			
11/21/1984	ACUT	<5	<25	-	2	<1	<1	<10
1/07/1985	ACUT	<5	<25	-	8	<1	<1	<10
Well Number: 270271	Local Well Identifier: MW 320				Geologic Unit: Stratified Drift			
1/26/1984	ICM	1	3	4	8	<5	<5	<1
1/27/1984	ICM	<1	3	3	10	<5	<5	<1
1/30/1984	ICM	<1	2	5	12	7	<5	<1
1/31/1984	ICM	1	5	7	8	8	<5	<1
2/01/1984	ICM	<1	5	4	10	7	<5	<1
5/07/1984	ICM	1	5	<1	7	<5	<5	1
5/07/1984	USGS	<1	<10	<10	<10	-	-	-
1/08/1985	ACUT	<5	<25	-	100	<1	<1	<10
Well Number: 270276	Local Well Identifier: MW 178				Geologic Unit: Stratified Drift			
1/31/1984	ICM	<4	5	3	19	<5	<5	1
2/01/1984	ICM	<1	6	3	12	<5	<5	<1
2/02/1984	ICM	<1	5	3	8	<5	<5	<1
2/03/1984	ICM	<1	4	3	10	<5	<5	<1
2/06/1984	ICM	<1	2	3	9	6	<5	<1
3/07/1984	ICM	1	19	16	16	7	<5	<1
3/08/1984	ICM	1	17	54	15	<5	<5	<1
5/07/1984	ICM	<1	5	<1	7	<5	<5	1
5/07/1984	USGS	<1	<10	<10	<10	<1	-	-
Well Number: 270278	Local Well Identifier: MW 176S				Geologic Unit: Stratified Drift			
3/08/1984	ICM	<1	3	7	6	<5	<5	<1
3/13/1984	ICM	<1	4	3	5	<5	<5	4
5/07/1984	ICM	<1	4	<1	4	<5	<5	<1
5/07/1984	USGS	<1	<10	<10	<10	<1	-	-
Well Number: 270281	Local Well Identifier: MW H-3				Geologic Unit: Stratified Drift			
10/12/1984	ACUT	<5	<25	-	5	<1	6	<10
11/29/1984	ACUT	<5	<25	-	11	<1	6	<10
Well Number: 270282	Local Well Identifier: MW H-4				Geologic Unit: Stratified Drift			
10/12/1984	ACUT	<5	<25	-	15	<1	<1	<10
11/29/1984	ACUT	<5	<25	-	29	<1	<1	<10
1/08/1985	ACUT	<5	<25	-	9	<1	<1	<10
Well Number: 270083	Local Well Identifier: 302D				Geologic Unit: Leithsville Formation			
6/16/1958	USGS	-	-	-	-	-	-	-
4/25/1961	USGS	-	-	-	-	-	-	-
4/26/1962	USGS	-	-	-	-	-	-	-
5/27/1965	USGS	-	-	-	-	-	-	-
Well Number: 270246	Local Well Identifier: BLDG 65-1				Geologic Unit: Leithsville Formation			
1/27/1983	AEHA	<1	<25	-	-	-	-	<10
8/10/1983	ICM	1	10	5	9	27	27	<1

Table 4.--Results of inorganic water-quality analyses of water samples from wells
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Specific conductance[2] (uS/cm at 25°C)	pH[2] (units)	Alkalinity (as CaCO3)	Dissolved solids	Dissolved fluoride (µg/L)	Dissolved chloride (µg/L)	Dissolved sulfate (µg/L)
Well Number: 270250	Local Well Identifier: Landfill 1				Geologic Unit: Leithsville Formation			
1/17/1983	AEHA	250	8.1	127	156	260	2.5	13
8/10/1983	ICM	-	-	-	-	-	-	-
Well Number: 270277	Local Well Identifier: MW 176D				Geologic Unit: Leithsville Formation			
4/10/1984	ICM	-	8.9	95	98	150	4.5	6.0
4/12/1984	ICM	-	8.9	92	106	150	5.5	6.8
4/13/1984	ICM	-	8.0	87	93	100	8.6	6.2
4/16/1984	ICM	-	8.2	92	177	180	6.8	8.6
5/07/1984	ICM	-	7.8	87	110	220	6.3	29
5/07/1984	USGS	189	8.2	88	-	100	75	40
Well Number: 270280	Local Well Identifier: MW H-2				Geologic Unit: Leithsville Formation			
10/12/1984	ACUT	325	8.2	-	-	<100	14	26
Well Number: 270242	Local Well Identifier: Cafeteria 1				Geologic Unit: Hardyston Quartzite			
1/17/1983	AEHA	211	7.0	103	108	210	4.3	9
7/12/1983	ICM	-	-	-	-	-	-	-
11/30/1984	ACUT	240	7.9	-	-	190	2.7	13

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in milligrams per liter, except as noted.]

Date of sample	Sampling agency[1]	Total hardness	Dissolved calcium (as CaCO3)	Dissolved magnesium	Dissolved sodium	Dissolved iron (µg/L)	Dissolved manganese (µg/L)	Dissolved zinc (µg/L)
Well Number: 270250	Local Well Identifier: Landfill 1				Geologic Unit: Leithsville Formation			
1/17/1983	AEHA	-	18	-	12	<100	200	-
8/10/1983	ICM	-	-	-	-	-	-	22
Well Number: 270277	Local Well Identifier: MW 176D				Geologic Unit: Leithsville Formation			
4/10/1984	ICM	92	-	-	8.8	140	32	11
4/12/1984	ICM	91	-	-	9.1	220	25	41
4/13/1984	ICM	90	-	-	8.6	35	9	150
4/16/1984	ICM	40	-	-	9.4	70	19	280
5/07/1984	ICM	91	-	-	20	170	200	680
5/07/1984	USGS	-	17	11	5.2	3	13	4
Well Number: 270280	Local Well Identifier: MW H-2				Geologic Unit: Leithsville Formation			
10/12/1984	ACUT	-	-	-	13	30	84	-
Well Number: 270242	Local Well Identifier: Cafeteria 1				Geologic Unit: Hardyston Quartzite			
1/17/1983	AEHA	-	23	-	4.6	620	290	-
7/12/1983	ICM	-	-	-	-	-	-	71
11/30/1984	ACUT	-	-	-	7.3	1,200	410	-

Table 4.--Results of inorganic water-quality analyses of water samples from wells--Continued
[Results in micrograms per liter]

Date of sample	Sampling agency[1]	Dissolved cadmium	Dissolved chromium	Dissolved copper	Dissolved lead	Dissolved selenium	Dissolved arsenic	Dissolved cyanide
Well Number: 270250	Local Well Identifier: Landfill 1				Geologic Unit: Leithsville Formation			
1/17/1983	AEHA	<1	<25	-	-	-	-	<10
8/10/1983	ICM	2	7	48	14	25	<5	<1
Well Number: 270277	Local Well Identifier: MW 176D				Geologic Unit: Leithsville Formation			
4/10/1984	ICM	<1	4	2	14	<5	<5	2
4/12/1984	ICM	<1	8	2	8	<5	<5	<1
4/13/1984	ICM	<1	3	3	6	<5	<5	1
4/16/1984	ICM	<1	5	10	5	<5	<5	<1
5/07/1984	ICM	<1	5	4	5	<5	<5	<1
5/07/1984	USGS	<1	<10	<10	<10	<1	-	-
Well Number: 270280	Local Well Identifier: MW H-2				Geologic Unit: Leithsville Formation			
10/12/1984	ACUT	<5	<25	-	7	<1	<1	<10
Well Number: 270242	Local Well Identifier: Cafeteria 1				Geologic Unit: Hardyston Quartzite			
1/17/1983	AEHA	<1	<25	-	-	-	-	<10
7/12/1983	ICM	1	45	17	21	<5	<5	<1
11/30/1984	ACUT	<5	<25	-	14	<1	<1	<10

[1] SAMPLE AGENCY : USGS - U.S. GEOLOGICAL SURVEY, ICM - INDUSTRIAL CORROSION MANAGEMENT, AEHA - ARMY ENVIRONMENTAL HYGIENE AGENCY, DEP - NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION, ACUT - ACUTEST, INC.

[2] Field pH and specific conductance analyses were performed by USGS only.

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloroethylene	1,2-trans-Dichloroethylene	Methylene chloride	Tetrachloroethylene	Toluene
Well Number: 270081	Local Well Identifier: 129				Geologic Unit: Stratified Drift			
3/16/1981	ICM	ND	-	ND	ND	ND	ND	ND
3/19/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
4/07/1981	ICM	ND	ND	ND	ND	ND	ND	ND
4/21/1981	ICM	ND	ND	ND	ND	ND	ND	ND
5/08/1981	ICM	ND	ND	ND	ND	ND	ND	ND
5/15/1981	AEHA	ND	ND	ND	ND	ND	1.0	ND
5/22/1981	ICM	ND	ND	ND	ND	ND	ND	ND
6/18/1981	ICM	ND	ND	ND	ND	ND	ND	ND
7/17/1981	ICM	ND	ND	ND	ND	ND	ND	ND
7/30/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
9/01/1981	ICM	2.0	ND	ND	ND	ND	1.3	1.6
10/28/1981	ICM	ND	ND	ND	ND	ND	ND	ND
11/30/1981	ICM	ND	ND	ND	ND	ND	ND	ND
1/25/1982	ICM	ND	ND	ND	ND	ND	ND	ND
2/25/1982	ICM	ND	ND	ND	ND	ND	ND	ND
3/25/1982	ICM	ND	ND	ND	ND	ND	ND	ND
4/13/1982	ICM	ND	ND	ND	ND	ND	ND	ND
6/24/1982	ICM	ND	ND	ND	ND	ND	ND	ND
9/30/1982	ICM	2.0	ND	ND	ND	ND	ND	ND
10/13/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/12/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
1/20/1983	ICM	ND	ND	ND	ND	ND	ND	ND
2/18/1983	ICM	ND	1.4	ND	ND	-	ND	ND
2/24/1983	ICM	ND	2.3	ND	ND	ND	ND	ND
2/28/1983	ICM	ND	ND	ND	ND	3.3	ND	ND
7/06/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
9/09/1983	ICM	ND	ND	ND	ND	ND	ND	ND
9/12/1983	ICM	ND	ND	ND	ND	ND	ND	ND
9/14/1983	ICM	ND	ND	ND	ND	ND	ND	ND
9/30/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/21/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/25/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/08/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/14/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/20/1983	ICM	ND	ND	ND	2.4	ND	ND	ND
12/28/1983	ICM	ND	ND	ND	ND	ND	ND	ND
1/05/1984	ICM	ND	ND	ND	ND	ND	ND	ND
1/05/1984	USGS	ND	ND	ND	ND	ND	ND	ND
1/10/1984	ICM	ND	ND	ND	ND	ND	ND	ND
1/17/1984	ICM	ND	1.1	ND	ND	ND	ND	ND
1/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/02/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/09/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/14/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/21/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/28/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/07/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/13/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/21/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/27/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/10/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/18/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/24/1984	ICM	ND	ND	ND	1.6	ND	ND	ND
5/01/1984	ICM	ND	ND	ND	1.7	ND	ND	ND
5/08/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/15/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/22/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/29/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/06/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/28/1984	ICM	ND	ND	ND	ND	ND	5.7	ND
7/03/1984	ICM	ND	ND	ND	ND	ND	ND	ND
7/10/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/12/1985	ACUT	ND	ND	ND	ND	ND	ND	ND
Well Number: 270082	Local Well Identifier: 130				Geologic Unit: Stratified Drift			
3/16/1981	ICM	ND	ND	ND	14.7	ND	12.2	ND
3/19/1981	AEHA	ND	ND	ND	ND	ND	70.0	ND
4/21/1981	ICM	ND	ND	ND	15.5	ND	16.8	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270081	Local Well Identifier: 129				Geologic Unit: Stratified Drift		
3/16/1981	ICM	7.2	2.0	ND	ND	-	-
3/19/1981	AEHA	12.0	ND	ND	ND	-	-
4/07/1981	ICM	9.9	1.2	ND	ND	-	-
4/21/1981	ICM	9.1	1.9	ND	ND	-	-
5/08/1981	ICM	10.4	2.3	ND	ND	-	-
5/15/1981	AEHA	18.0	2.0	ND	ND	<10.0	ND
5/22/1981	ICM	ND	ND	ND	ND	-	-
6/18/1981	ICM	5.8	ND	ND	ND	-	-
7/17/1981	ICM	7.6	ND	ND	ND	-	-
7/30/1981	AEHA	7.0	2.0	ND	255	-	-
9/01/1981	ICM	9.1	1.6	ND	ND	-	-
10/28/1981	ICM	11.2	1.8	ND	ND	-	-
11/30/1981	ICM	8.8	1.0	ND	ND	-	-
1/25/1982	ICM	9.6	ND	ND	ND	-	-
2/25/1982	ICM	9.2	ND	ND	ND	-	-
3/25/1982	ICM	10.4	ND	ND	50.0	-	-
4/13/1982	ICM	5.2	ND	ND	ND	-	-
6/24/1982	ICM	8.0	ND	ND	ND	-	-
9/30/1982	ICM	11.5	1.0	ND	25.0	-	-
10/13/1982	ICM	1.1	ND	ND	ND	8.0	-
1/12/1983	AEHA	15.0	ND	ND	30.0	-	-
1/20/1983	ICM	6.9	ND	ND	ND	-	-
2/18/1983	ICM	1.4	ND	ND	ND	-	-
2/24/1983	ICM	3.3	ND	ND	ND	-	-
2/28/1983	ICM	ND	ND	ND	ND	-	-
7/06/1983	AEHA	7.0	ND	ND	20.0	-	-
9/09/1983	ICM	ND	ND	ND	ND	-	-
9/12/1983	ICM	4.7	ND	ND	ND	-	-
9/14/1983	ICM	1.8	ND	ND	ND	-	-
9/30/1983	ICM	7.5	ND	ND	62.3	<5.0	-
11/21/1983	ICM	6.9	ND	ND	28.8	-	-
11/25/1983	ICM	6.2	ND	ND	53.4	-	-
12/08/1983	ICM	4.2	ND	ND	14.0	-	-
12/14/1983	ICM	5.0	ND	ND	19.5	-	-
12/20/1983	ICM	11.7	ND	ND	ND	6.0	ND
12/28/1983	ICM	5.3	ND	ND	12.5	-	-
1/05/1984	ICM	2.2	ND	ND	ND	10.0	-
1/05/1984	USGS	10.0	ND	ND	ND	-	-
1/10/1984	ICM	5.3	ND	ND	4.5	6.0	6,000
1/17/1984	ICM	3.1	ND	ND	ND	21.0	-
1/26/1984	ICM	4.0	ND	ND	3.6	<5.0	ND
2/02/1984	ICM	7.9	ND	ND	ND	67.0	ND
2/09/1984	ICM	3.7	ND	ND	ND	47.0	ND
2/14/1984	ICM	5.9	ND	ND	ND	79.0	ND
2/21/1984	ICM	4.0	ND	ND	ND	11.0	ND
2/28/1984	ICM	ND	ND	ND	ND	127	ND
3/07/1984	ICM	8.3	ND	ND	5.6	14.0	ND
3/13/1984	ICM	1.4	ND	ND	2.5	-	-
3/21/1984	ICM	ND	ND	ND	1.4	-	-
3/27/1984	ICM	1.6	ND	ND	1.7	-	-
4/10/1984	ICM	2.6	ND	ND	ND	340	17,000
4/18/1984	ICM	27.2	ND	ND	ND	-	-
4/24/1984	ICM	9.6	ND	ND	5.2	15.0	ND
5/01/1984	ICM	2.1	ND	ND	ND	-	-
5/08/1984	ICM	1.3	ND	ND	ND	-	-
5/15/1984	ICM	ND	ND	ND	ND	-	-
5/22/1984	ICM	18.0	ND	ND	ND	<5.0	ND
5/29/1984	ICM	ND	ND	ND	7.4	-	-
6/06/1984	ICM	4.5	ND	ND	9.9	-	-
6/28/1984	ICM	ND	ND	ND	4.8	-	-
7/03/1984	ICM	17.0	ND	ND	4.7	-	-
7/10/1984	ICM	6.4	ND	ND	ND	-	-
2/12/1985	ACUT	7.2	ND	ND	-	-	-
Well Number: 270082	Local Well Identifier: 130				Geologic Unit: Stratified Drift		
3/16/1981	ICM	64.2	ND	ND	ND	-	-
3/19/1981	AEHA	260	ND	ND	ND	-	-
4/21/1981	ICM	66.9	ND	ND	ND	-	-

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Methylene chloride	Tetra-chloro-ethylene	Toluene
Well Number: 270082	Local Well Identifier: 130				Geologic Unit: Stratified Drift			
5/08/1981	ICM	ND	4.5	ND	19.6	ND	21.6	ND
5/15/1981	AEHA	ND	ND	ND	ND	ND	16.0	ND
7/30/1981	AEHA	ND	ND	ND	ND	ND	26.0	ND
10/14/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/13/1983	AEHA	ND	ND	ND	6.0	ND	10.0	ND
1/20/1983	ICM	ND	ND	ND	2.4	ND	2.9	ND
2/04/1983	ICM	ND	ND	ND	3.1	ND	1.7	ND
2/18/1983	ICM	ND	ND	ND	ND	ND	2.6	ND
7/06/1983	DEP	ND	ND	ND	2.0	ND	4.0	ND
7/06/1983	ICM	ND	ND	ND	ND	ND	6.0	ND
12/20/1983	ICM	ND	ND	ND	ND	ND	1.3	ND
1/17/1984	ICM	ND	ND	ND	2.6	ND	2.7	ND
2/28/1984	ICM	ND	ND	ND	2.9	ND	1.5	ND
3/27/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/18/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/20/1984	ICM	ND	2.5	ND	ND	ND	ND	ND
Well Number: 270084	Local Well Identifier: 430A				Geologic Unit: Stratified Drift			
3/16/1981	ICM	ND	ND	ND	ND	ND	ND	ND
3/19/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
5/15/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
7/30/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
10/29/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/20/1983	ICM	ND	ND	ND	ND	ND	ND	ND
2/04/1983	ICM	ND	ND	ND	ND	ND	ND	ND
2/18/1983	ICM	ND	ND	ND	ND	-	ND	ND
2/28/1983	ICM	ND	ND	ND	ND	ND	ND	ND
7/06/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
11/21/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/20/1983	ICM	ND	ND	ND	ND	ND	ND	ND
1/17/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/28/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/27/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/18/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/08/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/08/1984	USGS	ND	ND	ND	ND	ND	ND	ND
Well Number: 270086	Local Well Identifier: 410				Geologic Unit: Stratified Drift			
3/16/1981	ICM	ND	ND	ND	ND	ND	ND	ND
3/19/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
4/07/1981	ICM	ND	ND	ND	ND	ND	ND	1.0
4/21/1981	ICM	ND	ND	ND	ND	ND	ND	ND
5/08/1981	ICM	ND	13.8	ND	ND	ND	ND	ND
5/15/1981	AEHA	ND	ND	ND	ND	ND	1.0	ND
5/22/1981	ICM	ND	ND	ND	ND	ND	ND	ND
6/18/1981	ICM	ND	ND	ND	ND	ND	ND	ND
7/17/1981	ICM	ND	ND	ND	ND	ND	ND	ND
7/30/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
9/01/1981	ICM	ND	ND	ND	ND	ND	ND	ND
10/28/1981	ICM	ND	ND	ND	ND	14.0	ND	ND
11/30/1981	ICM	ND	ND	ND	ND	ND	ND	ND
1/25/1982	ICM	ND	ND	ND	ND	ND	ND	ND
2/25/1982	ICM	ND	ND	ND	ND	ND	ND	ND
3/25/1982	ICM	ND	ND	ND	ND	ND	ND	ND
4/13/1982	ICM	ND	1.7	ND	ND	ND	ND	ND
6/24/1982	ICM	ND	ND	ND	ND	ND	ND	ND
9/30/1982	ICM	ND	ND	ND	ND	ND	ND	ND
10/14/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/20/1983	ICM	ND	ND	ND	ND	ND	ND	ND
2/04/1983	ICM	ND	ND	ND	ND	ND	ND	ND
2/18/1983	ICM	ND	ND	ND	ND	ND	ND	ND
7/06/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
9/12/1983	ICM	ND	ND	ND	ND	ND	ND	ND
9/14/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/15/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/21/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/08/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/14/1983	ICM	ND	ND	ND	ND	ND	ND	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270082	Local Well Identifier: 130				Geologic Unit: Stratified Drift		
5/08/1981	ICM	87.8	ND	ND	ND	-	-
5/15/1981	AEHA	64.0	ND	ND	ND	ND	2,400
7/30/1981	AEHA	51.0	ND	ND	10.0	-	-
10/14/1982	ICM	ND	ND	ND	ND	15.0	-
1/13/1983	AEHA	45.0	ND	ND	ND	-	-
1/20/1983	ICM	19.7	ND	ND	ND	-	ND
2/04/1983	ICM	4.7	ND	ND	ND	-	ND
2/18/1983	ICM	1.8	ND	ND	ND	-	ND
7/06/1983	DEP	20.0	ND	ND	ND	-	-
7/06/1983	ICM	30.0	ND	ND	ND	-	-
12/20/1983	ICM	27.1	ND	ND	ND	-	-
1/17/1984	ICM	14.0	ND	ND	ND	4.0	ND
2/28/1984	ICM	12.5	ND	ND	ND	<5.0	ND
3/27/1984	ICM	3.0	ND	ND	ND	<5.0	ND
4/18/1984	ICM	22.2	ND	ND	ND	<5.0	ND
6/20/1984	ICM	13.0	ND	ND	6.7	-	-
Well Number: 270084	Local Well Identifier: 430A				Geologic Unit: Stratified Drift		
3/16/1981	ICM	ND	ND	ND	ND	-	-
3/19/1981	AEHA	ND	ND	ND	ND	-	-
5/15/1981	AEHA	ND	1.0	ND	ND	<10.0	2,000
7/30/1981	AEHA	ND	2.0	ND	ND	-	-
10/29/1982	ICM	ND	ND	ND	ND	4.0	-
1/20/1983	ICM	1.1	ND	ND	ND	-	ND
2/04/1983	ICM	ND	ND	ND	ND	-	ND
2/18/1983	ICM	ND	ND	ND	ND	-	ND
2/28/1983	ICM	ND	ND	ND	ND	-	-
7/06/1983	AEHA	ND	ND	ND	ND	-	-
11/21/1983	ICM	ND	ND	ND	ND	-	-
12/20/1983	ICM	ND	ND	ND	ND	5.0	ND
1/17/1984	ICM	ND	ND	ND	ND	2.0	ND
2/28/1984	ICM	ND	ND	ND	ND	<5.0	2,100
3/27/1984	ICM	ND	ND	ND	ND	<5.0	ND
4/18/1984	ICM	ND	ND	ND	ND	<5.0	ND
5/08/1984	ICM	ND	ND	ND	ND	<5.0	ND
5/08/1984	USGS	ND	ND	ND	ND	-	1,900
Well Number: 270086	Local Well Identifier: 410				Geologic Unit: Stratified Drift		
3/16/1981	ICM	ND	ND	ND	ND	-	-
3/19/1981	AEHA	ND	ND	ND	ND	-	-
4/07/1981	ICM	1.2	ND	ND	ND	-	-
4/21/1981	ICM	1.1	ND	ND	ND	-	-
5/08/1981	ICM	1.5	ND	ND	ND	-	-
5/15/1981	AEHA	2.0	ND	ND	ND	<10.0	1,700
5/22/1981	ICM	1.7	ND	ND	ND	-	-
6/18/1981	ICM	ND	ND	ND	ND	-	-
7/17/1981	ICM	1.4	ND	ND	ND	-	-
7/30/1981	AEHA	1.0	ND	ND	5.0	-	-
9/01/1981	ICM	1.9	ND	ND	ND	-	-
10/28/1981	ICM	1.6	ND	ND	ND	-	-
11/30/1981	ICM	ND	ND	ND	ND	-	-
1/25/1982	ICM	1.9	ND	ND	ND	-	-
2/25/1982	ICM	1.6	ND	ND	ND	-	-
3/25/1982	ICM	1.6	ND	ND	ND	-	-
4/13/1982	ICM	1.7	ND	ND	ND	-	-
6/24/1982	ICM	1.8	ND	ND	ND	-	-
9/30/1982	ICM	2.1	ND	ND	ND	-	-
10/14/1982	ICM	ND	ND	ND	ND	5.0	-
1/20/1983	ICM	1.7	ND	ND	ND	-	ND
2/04/1983	ICM	ND	ND	ND	ND	-	ND
2/18/1983	ICM	ND	ND	ND	ND	-	ND
7/06/1983	AEHA	ND	ND	ND	ND	-	-
9/12/1983	ICM	ND	ND	ND	ND	-	-
9/14/1983	ICM	ND	ND	ND	ND	-	-
11/15/1983	ICM	ND	ND	ND	ND	3.0	ND
11/21/1983	ICM	1.3	ND	ND	ND	-	-
12/08/1983	ICM	ND	ND	ND	ND	-	-
12/14/1983	ICM	1.1	ND	ND	ND	-	-

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Methylene chloride	Tetra-chloro-ethylene	Toluene
Well Number: 270086	Local Well Identifier: 410				Geologic Unit: Stratified Drift			
12/20/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/28/1983	ICM	ND	ND	ND	ND	ND	ND	ND
1/10/1984	ICM	ND	ND	ND	ND	ND	ND	ND
1/17/1984	ICM	ND	ND	ND	ND	ND	ND	ND
1/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/02/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/09/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/14/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/21/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/28/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/07/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/13/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/21/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/03/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/10/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/18/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/01/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/08/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/08/1984	USGS	ND	ND	ND	ND	ND	ND	ND
5/15/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/22/1984	ICM	ND	5.0	ND	ND	ND	ND	ND
5/29/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/06/1984	ICM	ND	4.0	ND	ND	ND	ND	ND
6/12/1984	ICM	ND	3.0	ND	ND	ND	ND	ND
6/20/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/28/1984	ICM	ND	ND	ND	ND	ND	ND	ND
7/03/1984	ICM	ND	ND	ND	ND	ND	ND	ND
7/10/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/12/1985	ACUT	ND	ND	ND	ND	ND	ND	ND
Well Number: 270087	Local Well Identifier: 305A				Geologic Unit: Stratified Drift			
7/12/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
1/06/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270091	Local Well Identifier: MW 5				Geologic Unit: Stratified Drift			
3/14/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
5/13/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
5/20/1981	ICM	1.0	ND	ND	ND	ND	ND	2.5
7/29/1981	AEHA	ND	ND	ND	ND	ND	5.0	4.0
3/31/1983	ICM	ND	ND	ND	ND	ND	ND	ND
7/07/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/07/1983	DEP	ND	ND	ND	ND	ND	ND	ND
4/02/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270092	Local Well Identifier: MW 8				Geologic Unit: Stratified Drift			
3/19/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
5/13/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
5/20/1981	ICM	1.0	ND	ND	ND	ND	ND	2.0
7/30/1981	AEHA	ND	ND	ND	ND	ND	1.0	ND
3/30/1983	ICM	ND	ND	ND	ND	ND	ND	ND
7/09/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/26/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/29/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
7/02/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270093	Local Well Identifier: MW 9A				Geologic Unit: Stratified Drift			
4/07/1981	ICM	ND	2.7	3.7	50.2	ND	57.2	3.6
4/21/1981	ICM	3.5	ND	4.6	54.1	ND	-	-
5/08/1981	ICM	ND	ND	20.4	61.6	ND	ND	ND
5/12/1981	AEHA	ND	ND	9.0	3.0	ND	165	ND
5/19/1981	ICM	ND	ND	1.9	45.0	ND	78.9	ND
6/05/1981	ICM	ND	ND	12.3	44.9	ND	67.7	ND
7/17/1981	ICM	ND	3.7	8.0	43.7	ND	42.8	ND
7/28/1981	AEHA	ND	ND	1.0	1.0	ND	48.0	ND
11/30/1981	ICM	ND	ND	ND	16.3	ND	26.6	ND
12/04/1981	ICM	ND	ND	ND	ND	ND	ND	ND
1/25/1982	ICM	ND	ND	1.7	39.0	ND	65.6	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270086	Local Well Identifier: 410			Geologic Unit: Stratified Drift			
12/20/1983	ICM	1.4	ND	ND	ND	4.0	ND
12/28/1983	ICM	ND	ND	ND	ND	-	-
1/10/1984	ICM	ND	ND	ND	ND	5.0	ND
1/17/1984	ICM	ND	ND	ND	ND	4.0	ND
1/26/1984	ICM	ND	ND	ND	ND	<5.0	ND
2/02/1984	ICM	ND	ND	ND	ND	<5.0	ND
2/09/1984	ICM	1.5	ND	ND	ND	<5.0	ND
2/14/1984	ICM	ND	ND	ND	ND	9.0	ND
2/21/1984	ICM	1.1	ND	ND	ND	13.0	ND
2/28/1984	ICM	ND	ND	ND	ND	<5.0	ND
3/07/1984	ICM	1.6	ND	ND	ND	<5.0	ND
3/13/1984	ICM	ND	ND	ND	ND	-	-
3/21/1984	ICM	ND	ND	ND	ND	-	-
4/03/1984	ICM	ND	ND	ND	ND	-	-
4/10/1984	ICM	ND	ND	ND	ND	<5.0	11,000
4/18/1984	ICM	ND	ND	ND	ND	-	-
4/26/1984	ICM	1.3	ND	ND	ND	-	-
5/01/1984	ICM	ND	ND	ND	ND	-	-
5/08/1984	ICM	ND	ND	ND	ND	<5.0	ND
5/08/1984	USGS	ND	ND	ND	ND	<5.0	ND
5/15/1984	ICM	ND	ND	ND	ND	-	-
5/22/1984	ICM	ND	ND	ND	5.0	-	-
5/29/1984	ICM	3.8	ND	ND	9.5	-	-
6/06/1984	ICM	4.3	ND	ND	9.0	-	-
6/12/1984	ICM	ND	ND	ND	6.0	<5.0	5,100
6/20/1984	ICM	ND	ND	ND	4.7	-	-
6/28/1984	ICM	ND	ND	ND	2.5	-	-
7/03/1984	ICM	ND	ND	ND	ND	-	-
7/10/1984	ICM	ND	ND	ND	ND	-	-
2/12/1985	ACUT	1.5	ND	ND	-	-	-
Well Number: 270087	Local Well Identifier: 305A			Geologic Unit: Stratified Drift			
7/12/1983	AEHA	ND	ND	ND	ND	-	-
1/06/1984	ICM	1.7	ND	ND	-	<5.0	ND
Well Number: 270091	Local Well Identifier: MW 5			Geologic Unit: Stratified Drift			
3/14/1981	AEHA	1.0	ND	ND	ND	-	-
5/13/1981	AEHA	12.0	ND	ND	ND	-	-
5/20/1981	ICM	14.8	ND	11.8	ND	-	-
7/29/1981	AEHA	29.0	4.0	ND	ND	-	-
3/31/1983	ICM	ND	ND	ND	ND	8.0	-
7/07/1983	AEHA	3.0	ND	ND	ND	-	-
7/07/1983	DEP	3.0	ND	ND	ND	-	-
4/02/1984	ICM	ND	ND	ND	ND	5.0	5,200
Well Number: 270092	Local Well Identifier: MW 8			Geologic Unit: Stratified Drift			
3/19/1981	AEHA	ND	ND	ND	ND	-	-
5/13/1981	AEHA	ND	ND	ND	ND	-	-
5/20/1981	ICM	ND	ND	-	ND	-	-
7/30/1981	AEHA	7.0	ND	ND	ND	-	-
3/30/1983	ICM	ND	ND	ND	ND	4.0	-
7/09/1983	AEHA	ND	ND	ND	ND	-	-
7/26/1983	ICM	ND	ND	ND	ND	8.0	-
11/29/1983	ICM	ND	ND	ND	-	6.0	7,400
3/26/1984	ICM	ND	ND	ND	ND	7.0	19,000
7/02/1984	ICM	ND	ND	ND	ND	8.0	20,000
Well Number: 270093	Local Well Identifier: MW 9A			Geologic Unit: Stratified Drift			
4/07/1981	ICM	184	ND	6.5	ND	-	-
4/21/1981	ICM	325	ND	4.7	ND	-	-
5/08/1981	ICM	348	ND	2.3	ND	-	-
5/12/1981	AEHA	285	ND	ND	ND	-	-
5/19/1981	ICM	233	14.1	ND	ND	-	-
6/05/1981	ICM	200	ND	6.7	ND	-	-
7/17/1981	ICM	203	ND	4.6	ND	-	-
7/28/1981	AEHA	94.0	ND	ND	6.0	-	-
11/30/1981	ICM	79.2	ND	ND	ND	-	-
12/04/1981	ICM	6.1	ND	ND	ND	-	-
1/25/1982	ICM	196	ND	1.4	ND	-	-

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Methylene chloride	Tetra-chloro-ethylene	Toluene
Well Number: 270093	Local Well Identifier: MW 9A				Geologic Unit: Stratified Drift			
2/26/1982	ICM	ND	ND	2.2	42.8	ND	65.8	ND
4/30/1982	ICM	ND	ND	ND	3.4	ND	8.4	ND
6/29/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/25/1983	ICM	ND	-	4.9	71.7	2.7	85.6	ND
2/23/1983	ICM	ND	ND	ND	8.5	89.4	48.7	ND
3/21/1983	ICM	ND	ND	ND	4.2	37.6	35.1	ND
7/11/1983	AEHA	ND	ND	9.0	ND	ND	130	ND
7/11/1983	DEP	ND	ND	ND	47.0	ND	130	ND
7/11/1983	ICM	ND	ND	1.7	79.0	ND	197	ND
9/28/1983	ICM	ND	ND	1.2	22.3	ND	30.2	ND
1/30/1984	ICM	ND	ND	2.4	32.1	ND	20.4	ND
6/18/1984	ICM	ND	ND	ND	12.0	ND	33.0	ND
11/21/1984	ACUT	ND	ND	ND	47.0	ND	28.0	ND
1/07/1985	ACUT	ND	ND	ND	3.3	ND	ND	ND
Well Number: 270094	Local Well Identifier: MW 9B				Geologic Unit: Stratified Drift			
5/12/1981	AEHA	ND	ND	2.0	2.0	ND	10.0	ND
7/28/1981	AEHA	ND	ND	3.0	6.0	ND	8.0	ND
6/29/1982	ICM	ND	ND	ND	21.7	ND	7.1	ND
9/21/1982	ICM	ND	ND	ND	56.1	ND	13.4	-
1/19/1983	AEHA	ND	ND	ND	20.0	ND	4.0	ND
1/25/1983	ICM	ND	ND	ND	46.1	7.7	11.2	ND
2/23/1983	ICM	ND	ND	ND	ND	-	ND	ND
3/21/1983	ICM	ND	ND	ND	14.1	ND	ND	ND
3/21/1983	ICM	ND	ND	ND	ND	ND	ND	ND
4/27/1983	ICM	ND	ND	ND	64.6	ND	2.6	ND
5/25/1983	ICM	ND	ND	ND	18.2	ND	2.2	ND
6/28/1983	ICM	ND	ND	2.3	542	ND	5.4	ND
7/10/1983	AEHA	ND	ND	3.0	ND	ND	8.0	ND
7/10/1983	DEP	ND	ND	ND	120	ND	8.0	ND
7/26/1983	ICM	ND	ND	ND	118	ND	6.2	ND
9/28/1983	ICM	ND	ND	ND	42.5	ND	2.1	ND
1/30/1984	ICM	ND	ND	ND	63.8	ND	ND	ND
3/05/1984	ICM	ND	ND	ND	5.5	ND	2.1	ND
4/26/1984	ICM	ND	ND	ND	16.9	ND	2.3	ND
5/24/1984	ICM	ND	ND	42.0	ND	ND	ND	ND
6/18/1984	ICM	ND	ND	18.0	ND	ND	ND	ND
11/21/1984	ACUT	ND	ND	ND	47.0	ND	9.0	4.8
1/07/1985	ACUT	ND	ND	2.4	18.0	ND	5.8	ND
Well Number: 270095	Local Well Identifier: MW 9C				Geologic Unit: Stratified Drift			
4/07/1981	ICM	ND	2.4	2.6	7.7	ND	ND	ND
5/12/1981	AEHA	ND	ND	ND	ND	ND	1.0	ND
5/19/1981	ICM	ND	ND	6.4	8.5	ND	1.5	-
7/28/1981	AEHA	ND	ND	1.0	ND	ND	1.0	ND
6/29/1982	ICM	ND	ND	ND	2.6	ND	ND	ND
9/20/1982	ICM	ND	ND	ND	2.0	ND	ND	ND
1/25/1983	ICM	-	ND	ND	8.4	ND	ND	-
2/23/1983	ICM	ND	ND	ND	ND	-	ND	ND
3/21/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/21/1983	ICM	ND	ND	ND	ND	ND	ND	ND
4/27/1983	ICM	ND	ND	ND	2.7	ND	ND	ND
5/25/1983	ICM	ND	ND	ND	1.5	ND	ND	ND
6/28/1983	ICM	ND	4.6	ND	ND	3.5	ND	ND
7/10/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/10/1983	DEP	5.0	ND	ND	2.0	ND	ND	ND
7/26/1983	ICM	ND	ND	ND	ND	ND	ND	ND
9/28/1983	ICM	ND	ND	ND	ND	ND	ND	ND
1/30/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/05/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/24/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/18/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270096	Local Well Identifier: MW 10				Geologic Unit: Stratified Drift			
5/12/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
5/19/1981	ICM	ND	ND	ND	1.2	ND	ND	1.0
7/28/1981	AEHA	ND	ND	ND	ND	ND	5.0	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270093	Local Well Identifier: MW 9A				Geologic Unit: Stratified Drift		
2/26/1982	ICM	302	ND	1.2	ND	-	-
4/30/1982	ICM	25.9	ND	ND	ND	-	-
6/29/1982	ICM	ND	ND	ND	ND	-	-
1/25/1983	ICM	336	4.3	ND	ND	-	-
2/23/1983	ICM	98.8	1.6	ND	ND	ND	13,000
3/21/1983	ICM	163	9.3	ND	ND	5.0	10,000
7/11/1983	AEHA	290	ND	ND	ND	-	-
7/11/1983	DEP	280	3.0	3.0	ND	-	-
7/11/1983	ICM	368	1.5	1.0	ND	6.0	-
9/28/1983	ICM	148	ND	ND	ND	7.0	-
1/30/1984	ICM	81.6	1.1	ND	ND	<5.0	21,000
6/18/1984	ICM	41.0	ND	ND	ND	-	-
11/21/1984	ACUT	105	4.7	ND	-	<50.0	7,700
1/07/1985	ACUT	14.0	17.0	5.7	-	<50.0	9,200
Well Number: 270094	Local Well Identifier: MW 9B				Geologic Unit: Stratified Drift		
5/12/1981	AEHA	155	ND	ND	ND	-	-
7/28/1981	AEHA	300	ND	ND	14.0	-	-
6/29/1982	ICM	11700	ND	ND	ND	-	-
9/21/1982	ICM	739	2.1	ND	-	5.0	-
1/19/1983	AEHA	2000	ND	ND	ND	-	-
1/25/1983	ICM	1420	3.6	ND	ND	-	-
2/23/1983	ICM	2140	2.4	ND	ND	2.0	9,200
3/21/1983	ICM	1120	ND	ND	ND	5.0	14,000
3/21/1983	ICM	1150	ND	ND	ND	-	-
4/27/1983	ICM	7200	5.3	ND	ND	2.0	11,000
5/25/1983	ICM	8570	2.3	ND	ND	<1.0	8,600
6/28/1983	ICM	25200	75.4	16.3	ND	6.0	-
7/10/1983	AEHA	12000	5.0	4.0	ND	-	-
7/10/1983	DEP	17000	6.0	4.0	ND	-	-
7/26/1983	ICM	3200	4.4	3.1	ND	4.0	-
9/28/1983	ICM	931	ND	ND	ND	6.0	-
1/30/1984	ICM	17000	9.6	ND	ND	<5.0	18,000
3/05/1984	ICM	481	1.6	ND	ND	<5.0	12,000
4/26/1984	ICM	2240	1.4	ND	ND	<5.0	18,000
5/24/1984	ICM	2670	11.7	ND	ND	<5.0	25,000
6/18/1984	ICM	2660	5.0	ND	6.0	<5.0	22,000
11/21/1984	ACUT	7330	6.9	ND	-	<50.0	19,000
1/07/1985	ACUT	4270	4.2	1.3	-	<50.0	22,000
Well Number: 270095	Local Well Identifier: MW 9C				Geologic Unit: Stratified Drift		
4/07/1981	ICM	42.4	ND	37.5	ND	76.0	-
5/12/1981	AEHA	37.0	ND	ND	ND	-	-
5/19/1981	ICM	31.0	ND	14.9	ND	-	-
7/28/1981	AEHA	8.0	ND	ND	3.0	-	-
6/29/1982	ICM	13.9	ND	1.0	ND	-	-
9/20/1982	ICM	8.8	ND	ND	ND	7.0	-
1/25/1983	ICM	70.7	ND	4.8	ND	-	-
2/23/1983	ICM	ND	ND	ND	ND	ND	4,600
3/21/1983	ICM	6.6	ND	ND	ND	2.0	4,300
3/21/1983	ICM	9.5	ND	ND	ND	-	-
4/27/1983	ICM	15.7	1.6	ND	ND	ND	5,800
5/25/1983	ICM	38.1	ND	ND	ND	ND	3,200
6/28/1983	ICM	57.0	ND	ND	ND	12.0	9,400
7/10/1983	AEHA	ND	ND	ND	ND	-	-
7/10/1983	DEP	3.0	ND	ND	ND	-	-
7/26/1983	ICM	9.0	ND	ND	ND	5.0	-
9/28/1983	ICM	2.1	ND	ND	ND	9.0	-
1/30/1984	ICM	1.5	ND	ND	ND	<5.0	6,500
3/05/1984	ICM	6.5	165	ND	ND	-	-
4/26/1984	ICM	8.3	117	ND	ND	6.0	4,600
5/24/1984	ICM	ND	12.0	ND	5.5	6.0	9,400
6/18/1984	ICM	7.7	35.0	ND	15.0	<5.0	6,700
Well Number: 270096	Local Well Identifier: MW 10				Geologic Unit: Stratified Drift		
5/12/1981	AEHA	5.0	ND	ND	ND	-	-
5/19/1981	ICM	3.3	ND	ND	ND	-	-
7/28/1981	AEHA	-	ND	ND	-	-	-

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Methylene chloride	Tetra-chloro-ethylene	Toluene
Well Number: 270096	Local Well Identifier: MW 10			Geologic Unit: Stratified Drift				
12/04/1981	ICM	ND	ND	ND	ND	ND	ND	ND
6/29/1982	ICM	ND	ND	ND	ND	ND	ND	ND
9/21/1982	ICM	ND	1.7	ND	ND	ND	ND	-
1/16/1983	AEHA	ND	ND	ND	-	ND	28.0	ND
1/25/1983	ICM	-	ND	ND	-	ND	-	ND
2/23/1983	ICM	ND	ND	ND	ND	-	-	ND
3/21/1983	ICM	ND	ND	ND	ND	ND	ND	ND
4/27/1983	ICM	ND	ND	ND	ND	3.3	ND	ND
5/25/1983	ICM	ND	ND	ND	1.3	ND	ND	ND
7/07/1983	AEHA	ND	ND	ND	9.0	ND	4.0	ND
7/07/1983	DEP	ND	ND	ND	5.0	ND	2.0	ND
7/07/1983	ICM	ND	ND	ND	ND	ND	1.5	ND
9/28/1983	ICM	ND	ND	ND	ND	ND	2.7	ND
1/30/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/05/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/24/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/26/1984	ICM	ND	2.3	ND	ND	ND	ND	ND
11/21/1984	ACUT	ND	ND	ND	ND	ND	ND	4.7
Well Number: 270097	Local Well Identifier: MW 11			Geologic Unit: Stratified Drift				
5/12/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
5/20/1981	ICM	1.0	ND	ND	ND	ND	ND	1.6
6/29/1982	ICM	ND	ND	ND	ND	ND	ND	ND
9/20/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/13/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
1/24/1983	ICM	ND	ND	ND	ND	ND	ND	ND
2/23/1983	ICM	ND	ND	ND	ND	-	ND	ND
3/14/1983	ICM	ND	ND	ND	ND	ND	ND	ND
4/26/1983	ICM	ND	ND	ND	ND	ND	ND	ND
5/24/1983	ICM	ND	ND	ND	ND	ND	ND	ND
7/07/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/07/1983	ICM	ND	ND	ND	ND	ND	ND	ND
7/28/1983	AEHA	ND	ND	ND	ND	ND	ND	5.0
9/27/1983	ICM	ND	ND	ND	ND	ND	ND	ND
1/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/05/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/23/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/22/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/11/1984	ICM	ND	ND	ND	ND	ND	ND	ND
7/23/1984	ICM	ND	ND	ND	ND	ND	ND	ND
11/21/1984	ACUT	ND	ND	ND	2.2	ND	ND	4.7
1/07/1985	ACUT	ND	ND	ND	1.2	ND	ND	ND
Well Number: 270098	Local Well Identifier: MW 12A			Geologic Unit: Stratified Drift				
4/07/1981	ICM	ND	ND	105	9.3	ND	119	1.0
5/08/1981	ICM	ND	ND	206	3.4	ND	63.1	ND
5/12/1981	AEHA	ND	ND	225	ND	ND	170	ND
5/20/1981	ICM	3.8	ND	320	4.2	ND	115	9.4
6/05/1981	ICM	ND	ND	111	ND	ND	40.7	ND
7/17/1981	ICM	ND	5.3	180	4.7	ND	386	1.2
7/28/1981	AEHA	ND	ND	161	ND	ND	164	ND
11/30/1981	ICM	ND	ND	91.9	5.4	ND	229	ND
1/25/1982	ICM	ND	ND	25.4	1.4	ND	99.2	ND
2/26/1982	ICM	ND	ND	29.4	1.1	ND	85.5	ND
4/30/1982	ICM	ND	ND	1.8	ND	ND	7.4	ND
6/29/1982	ICM	ND	ND	12.7	ND	ND	52.4	ND
9/20/1982	ICM	-	2.6	50.8	3.1	ND	233	ND
1/13/1983	AEHA	ND	ND	60.0	ND	ND	100	ND
1/24/1983	ICM	ND	10.4	81.5	4.1	ND	104	ND
2/23/1983	ICM	ND	ND	ND	ND	90.1	16.3	ND
3/14/1983	ICM	ND	ND	92.0	ND	ND	78.0	ND
4/26/1983	ICM	ND	ND	11.9	ND	ND	69.2	ND
5/24/1983	ICM	ND	ND	ND	ND	ND	50.3	ND
7/06/1983	AEHA	ND	ND	75.0	7.0	ND	175	ND
7/07/1983	DEP	ND	ND	24.0	5.0	ND	130	ND
7/07/1983	ICM	ND	ND	ND	ND	ND	3.5	ND
9/27/1983	ICM	ND	ND	7.0	ND	ND	18.5	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270096	Local Well Identifier: MW 10				Geologic Unit: Stratified Drift		
12/04/1981	ICM	4.4	ND	ND	ND	-	-
6/29/1982	ICM	1.3	ND	ND	ND	-	-
9/21/1982	ICM	14.2	ND	ND	1.0	ND	-
1/16/1983	AEHA	6.0	ND	ND	3.0	-	-
1/25/1983	ICM	2.9	ND	ND	ND	-	-
2/23/1983	ICM	ND	ND	ND	ND	4.0	4,900
3/21/1983	ICM	ND	ND	ND	ND	3.0	3,500
4/27/1983	ICM	ND	ND	ND	ND	3.0	3,900
5/25/1983	ICM	3.2	ND	ND	ND	ND	1,800
7/07/1983	AEHA	ND	ND	ND	ND	-	-
7/07/1983	DEP	1.0	ND	ND	ND	-	-
7/07/1983	ICM	ND	ND	ND	ND	20.0	-
9/28/1983	ICM	4.6	ND	ND	ND	13.0	-
1/30/1984	ICM	ND	ND	ND	ND	5.0	26,000
3/05/1984	ICM	ND	ND	ND	ND	<5.0	7,800
4/26/1984	ICM	4.3	ND	ND	ND	6.0	4,800
5/24/1984	ICM	ND	ND	ND	ND	<5.0	4,100
6/26/1984	ICM	1.8	ND	ND	4.4	<5.0	4,200
11/21/1984	ACUT	193	2.3	ND	-	<50.0	1,800
Well Number: 270097	Local Well Identifier: MW 11				Geologic Unit: Stratified Drift		
5/12/1981	AEHA	18.0	ND	ND	ND	-	-
5/20/1981	ICM	15.9	ND	ND	ND	-	-
6/29/1982	ICM	4.5	ND	ND	ND	-	-
9/20/1982	ICM	20.1	ND	ND	1.0	8.0	-
1/13/1983	AEHA	25.0	ND	ND	10.0	-	-
1/24/1983	ICM	21.4	ND	ND	5.0	-	-
2/23/1983	ICM	1.7	ND	ND	ND	ND	ND
3/14/1983	ICM	47.2	ND	ND	ND	ND	ND
4/26/1983	ICM	5.0	ND	ND	ND	5.0	ND
5/24/1983	ICM	ND	ND	ND	ND	ND	ND
7/07/1983	AEHA	10.0	ND	ND	15.0	-	-
7/07/1983	ICM	10.3	ND	ND	ND	8.0	-
7/28/1983	AEHA	3.0	ND	ND	80.0	-	-
9/27/1983	ICM	10.7	ND	ND	ND	<5.0	-
1/26/1984	ICM	15.4	ND	ND	ND	<5.0	1,000
3/05/1984	ICM	13.9	ND	ND	7.6	<5.0	ND
4/23/1984	ICM	16.0	ND	ND	ND	5.0	ND
5/22/1984	ICM	9.6	ND	ND	-	<5.0	ND
6/11/1984	ICM	9.5	ND	ND	5.3	<5.0	ND
7/23/1984	ICM	4.7	ND	ND	4.2	7.0	ND
11/21/1984	ACUT	81.0	2.4	ND	-	<50.0	ND
1/07/1985	ACUT	23.0	ND	ND	-	<50.0	4,700
Well Number: 270098	Local Well Identifier: MW 12A				Geologic Unit: Stratified Drift		
4/07/1981	ICM	37.1	628	90.4	ND	-	-
5/08/1981	ICM	16.7	380	19.1	ND	-	-
5/12/1981	AEHA	45.0	275	37.0	ND	-	-
5/20/1981	ICM	34.9	603	27.0	ND	-	-
6/05/1981	ICM	12.4	118	4.0	ND	-	-
7/17/1981	ICM	69.5	1780	43.2	ND	-	-
7/28/1981	AEHA	49.0	329	37.0	-	-	-
11/30/1981	ICM	53.7	790	33.2	ND	-	-
1/25/1982	ICM	32.2	192	9.2	ND	-	-
2/26/1982	ICM	26.4	285	11.8	ND	-	-
4/30/1982	ICM	2.3	9.4	ND	ND	-	-
6/29/1982	ICM	15.3	133	8.3	ND	-	-
9/20/1982	ICM	ND	971	53.7	10.0	9.0	-
1/13/1983	AEHA	35.0	250	30.0	ND	-	-
1/24/1983	ICM	44.2	ND	50.0	10.0	-	-
2/23/1983	ICM	5.0	91.2	ND	ND	3.0	-
3/14/1983	ICM	129	787	24.3	ND	ND	ND
4/26/1983	ICM	30.5	350	5.3	ND	ND	ND
5/24/1983	ICM	5.7	68.4	ND	ND	ND	ND
7/06/1983	AEHA	35.0	900	70.0	ND	-	-
7/07/1983	DEP	27.0	570	47.0	ND	-	-
7/07/1983	ICM	ND	ND	ND	ND	6.0	-
9/27/1983	ICM	14.9	109	11.7	ND	<5.0	-

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Methylene chloride	Tetra-chloro-ethylene	Toluene
Well Number: 270098	Local Well Identifier: MW 12 A			Geologic Unit: Stratified Drift				
1/26/1984	ICM	ND	ND	2.3	ND	ND	35.3	ND
3/05/1984	ICM	ND	ND	10.5	ND	ND	14.1	ND
4/23/1984	ICM	ND	ND	25.2	3.3	ND	86.9	ND
5/22/1984	ICM	ND	ND	25.0	ND	ND	22.0	ND
6/11/1984	ICM	ND	ND	ND	ND	ND	189	ND
7/23/1984	ICM	ND	ND	ND	ND	ND	323	ND
11/21/1984	ACUT	4.4	ND	57.0	14.0	ND	138	4.4
1/07/1985	ACUT	ND	ND	42.0	6.0	ND	119	ND
Well Number: 270099	Local Well Identifier: MW 12B			Geologic Unit: Stratified Drift				
4/07/1981	ICM	ND	ND	ND	1.4	ND	48.0	1.0
4/21/1981	ICM	ND	ND	ND	1.9	ND	53.6	1.0
5/08/1981	ICM	ND	ND	ND	1.6	ND	46.9	ND
5/12/1981	AEHA	ND	ND	ND	ND	ND	70.0	ND
5/20/1981	ICM	1.0	ND	ND	1.0	ND	50.9	1.0
6/05/1981	ICM	ND	ND	3.4	1.0	ND	39.6	ND
7/17/1981	ICM	ND	ND	6.4	ND	ND	45.6	1.0
7/28/1981	AEHA	ND	1.0	9.0	ND	ND	66.0	ND
11/30/1981	ICM	ND	ND	2.2	2.0	ND	62.6	ND
1/25/1982	ICM	ND	ND	ND	ND	ND	47.3	ND
2/26/1982	ICM	ND	ND	ND	ND	ND	45.4	ND
4/30/1982	ICM	ND	ND	ND	ND	ND	2.2	ND
6/29/1982	ICM	ND	ND	ND	ND	ND	84.8	ND
9/20/1982	ICM	ND	ND	ND	ND	ND	141	ND
1/13/1983	AEHA	ND	ND	ND	2.0	ND	70.0	ND
1/24/1983	ICM	-	1.6	ND	ND	ND	89.5	-
2/23/1983	ICM	ND	3.9	ND	ND	-	1.8	ND
3/14/1983	ICM	ND	ND	ND	ND	-	58.5	ND
4/26/1983	ICM	ND	ND	ND	ND	ND	26.8	ND
5/24/1983	ICM	ND	ND	ND	ND	ND	47.5	ND
7/07/1983	AEHA	ND	ND	ND	ND	ND	60.0	ND
7/07/1983	DEP	ND	ND	ND	ND	ND	33.0	ND
7/07/1983	ICM	ND	ND	11.7	ND	ND	94.5	ND
9/27/1983	ICM	ND	ND	ND	ND	ND	18.4	ND
1/26/1984	ICM	ND	-	ND	ND	ND	75.8	ND
3/05/1984	ICM	ND	ND	ND	ND	ND	38.4	ND
4/23/1984	ICM	ND	ND	ND	ND	ND	41.8	ND
5/22/1984	ICM	ND	ND	ND	ND	ND	33.0	ND
6/11/1984	ICM	ND	ND	ND	ND	ND	ND	ND
7/23/1984	ICM	ND	ND	ND	ND	ND	213	ND
11/21/1984	ACUT	6.6	ND	ND	14.0	ND	67.0	2.4
1/07/1985	ACUT	ND	ND	ND	1.7	ND	69.0	ND
Well Number: 270100	Local Well Identifier: MW 12C			Geologic Unit: Stratified Drift				
4/07/1981	ICM	ND	ND	ND	1.1	ND	34.2	1.0
5/12/1981	AEHA	ND	ND	ND	ND	ND	26.0	ND
5/19/1981	ICM	4.5	ND	ND	1.4	ND	42.7	11.4
7/28/1981	AEHA	ND	1.0	ND	ND	ND	88.0	ND
11/30/1981	ICM	ND	ND	ND	ND	ND	73.1	ND
1/25/1982	ICM	ND	ND	ND	ND	ND	64.2	ND
6/29/1982	ICM	ND	ND	ND	ND	ND	14.9	ND
9/20/1982	ICM	ND	ND	ND	ND	ND	168	ND
1/13/1983	AEHA	ND	ND	ND	ND	ND	35.0	ND
1/24/1983	ICM	ND	ND	ND	ND	ND	104	ND
2/23/1983	ICM	ND	ND	ND	ND	-	10.6	ND
3/14/1983	ICM	ND	-	ND	ND	ND	103	ND
3/14/1983	ICM	ND	ND	ND	ND	-	128	ND
4/26/1983	ICM	ND	ND	ND	ND	ND	55.4	ND
5/24/1983	ICM	ND	ND	ND	ND	ND	24.2	ND
7/07/1983	DEP	ND	ND	ND	2.0	ND	32.0	ND
7/07/1983	ICM	ND	ND	ND	ND	ND	20.5	ND
7/07/1983	ICM	ND	ND	ND	ND	ND	50.0	ND
9/27/1983	ICM	ND	ND	ND	ND	ND	40.8	ND
1/26/1984	ICM	ND	3.4	ND	ND	ND	28.3	ND
3/05/1984	ICM	ND	ND	ND	ND	ND	11.3	ND
4/23/1984	ICM	ND	ND	ND	ND	ND	38.4	ND
5/22/1984	ICM	ND	ND	ND	ND	ND	29.0	ND
6/11/1984	ICM	ND	8.0	ND	ND	ND	5.0	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270098	Local Well Identifier: MW 12 A				Geologic Unit: Stratified Drift		
1/26/1984	ICM	23.2	101	5.2	ND	<5.0	ND
3/05/1984	ICM	11.4	135	10.5	ND	<5.0	2,200
4/23/1984	ICM	23.0	435	24.1	ND	<5.0	2,400
5/22/1984	ICM	9.4	221	9.5	ND	<5.0	1,800
6/11/1984	ICM	26.0	627	51.0	8.0	<5.0	2,100
7/23/1984	ICM	36.0	823	ND	42.0	<5.0	2,000
11/21/1984	ACUT	50.0	718	52.0	-	<50.0	1,900
1/07/1985	ACUT	42.0	533	62.0	-	<50.0	5,000
Well Number: 270099	Local Well Identifier: MW 12B				Geologic Unit: Stratified Drift		
4/07/1981	ICM	13.7	8.9	39.1	ND	-	-
4/21/1981	ICM	18.4	9.1	16.8	ND	-	-
5/08/1981	ICM	21.5	1.5	9.7	ND	-	-
5/12/1981	AEHA	18.0	30.0	7.0	ND	-	-
5/20/1981	ICM	23.4	2.2	1.6	ND	-	-
6/05/1981	ICM	24.9	ND	ND	ND	-	-
7/17/1981	ICM	26.2	29.6	10.6	ND	-	-
7/28/1981	AEHA	32.0	53.0	18.0	25.0	-	-
11/30/1981	ICM	120	18.2	4.8	ND	-	-
1/25/1982	ICM	20.7	2.1	ND	ND	-	-
2/26/1982	ICM	20.8	ND	ND	ND	-	-
4/30/1982	ICM	ND	ND	ND	ND	-	-
6/29/1982	ICM	13.5	2.1	ND	ND	-	-
9/20/1982	ICM	9.8	ND	ND	1.0	4.0	-
1/13/1983	AEHA	30.0	ND	ND	10.0	-	-
1/24/1983	ICM	49.8	ND	ND	-	-	-
2/23/1983	ICM	1.9	ND	ND	ND	ND	ND
3/14/1983	ICM	69.3	ND	ND	ND	3.0	ND
4/26/1983	ICM	5.5	ND	ND	ND	ND	ND
5/24/1983	ICM	4.3	ND	ND	ND	ND	ND
7/07/1983	AEHA	25.0	7.0	ND	7.5	-	-
7/07/1983	DEP	14.0	5.0	ND	ND	-	-
7/07/1983	ICM	20.0	-	13.5	ND	7.0	-
9/27/1983	ICM	9.7	3.1	ND	ND	<5.0	-
1/26/1984	ICM	30.0	ND	ND	ND	<5.0	1,000
3/05/1984	ICM	12.2	ND	ND	ND	<5.0	ND
4/23/1984	ICM	17.2	ND	ND	ND	5.0	ND
5/22/1984	ICM	22.0	ND	ND	ND	<5.0	ND
6/11/1984	ICM	ND	ND	ND	-	<5.0	ND
7/23/1984	ICM	28.0	ND	ND	13.0	5.0	ND
11/21/1984	ACUT	31.0	8.2	3.2	-	<50.0	1,400
1/07/1985	ACUT	23.0	1.0	ND	-	<50.0	3,100
Well Number: 270100	Local Well Identifier: MW 12C				Geologic Unit: Stratified Drift		
4/07/1981	ICM	14.3	1.1	2.5	ND	-	-
5/12/1981	AEHA	10.0	3.0	ND	ND	-	-
5/19/1981	ICM	15.0	ND	ND	ND	-	-
7/28/1981	AEHA	18.0	ND	ND	-	-	-
11/30/1981	ICM	11.3	ND	ND	ND	-	-
1/25/1982	ICM	9.4	ND	ND	ND	-	-
6/29/1982	ICM	1.6	ND	ND	ND	-	-
9/20/1982	ICM	12.6	ND	ND	1.0	29.0	-
1/13/1983	AEHA	25.0	ND	ND	15.0	-	-
1/24/1983	ICM	37.6	ND	ND	ND	-	-
2/23/1983	ICM	3.7	ND	ND	ND	ND	ND
3/14/1983	ICM	20.9	ND	ND	ND	ND	ND
3/14/1983	ICM	42.3	ND	ND	ND	-	-
4/26/1983	ICM	8.4	ND	ND	ND	ND	ND
5/24/1983	ICM	2.9	ND	ND	ND	ND	ND
7/07/1983	DEP	11.0	2.0	ND	ND	-	-
7/07/1983	ICM	8.2	ND	ND	ND	6.0	-
7/07/1983	AEHA	17.0	ND	ND	ND	-	-
9/27/1983	ICM	27.8	ND	ND	ND	<5.0	-
1/26/1984	ICM	12.7	ND	ND	ND	5.0	ND
3/05/1984	ICM	2.3	ND	ND	2.7	<5.0	ND
4/23/1984	ICM	13.8	ND	ND	ND	<5.0	ND
5/22/1984	ICM	8.7	ND	ND	ND	<5.0	ND
6/11/1984	ICM	ND	ND	ND	ND	<5.0	1,400

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloroethylene	1,2-trans-Dichloroethylene	Methylene chloride	Tetrachloroethylene	Toluene
Well Number: 270100	Local Well Identifier: MW 12C				Geologic Unit: Stratified Drift			
7/23/1984	ICM	ND	ND	ND	ND	ND	243	ND
11/21/1984	ACUT	2.2	ND	ND	15.0	ND	89.0	ND
1/07/1985	ACUT	ND	ND	ND	1.9	ND	29.0	ND
Well Number: 270101	Local Well Identifier: MW 13				Geologic Unit: Stratified Drift			
3/19/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
5/13/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
7/29/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
7/26/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/29/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/22/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
7/02/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270102	Local Well Identifier: MW 14				Geologic Unit: Stratified Drift			
5/13/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
5/20/1981	ICM	ND	ND	ND	ND	ND	ND	ND
3/28/1983	ICM	ND	ND	ND	ND	1.0	ND	ND
Well Number: 270103	Local Well Identifier: MW 15				Geologic Unit: Stratified Drift			
5/13/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
7/29/1981	AEHA	ND	ND	ND	ND	ND	-	ND
1/12/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/29/1983	ICM	ND	ND	ND	ND	ND	ND	ND
7/08/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/03/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/05/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270104	Local Well Identifier: MW 16				Geologic Unit: Stratified Drift			
5/13/1981	AEHA	ND	ND	ND	ND	ND	ND	25.0
7/29/1981	AEHA	5.0	ND	ND	ND	ND	5.0	-
1/12/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/28/1983	ICM	ND	ND	ND	ND	-	ND	22.2
7/11/1983	AEHA	ND	ND	ND	ND	ND	ND	5.0
7/11/1983	DEP	ND	ND	ND	ND	ND	ND	5.0
7/26/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/29/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/08/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270105	Local Well Identifier: MW 17				Geologic Unit: Stratified Drift			
5/13/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
7/29/1981	AEHA	ND	ND	ND	ND	ND	3.0	ND
1/12/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/28/1983	ICM	ND	ND	ND	ND	-	ND	ND
7/08/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/08/1983	DEP	ND	4.0	ND	ND	ND	ND	ND
7/26/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/29/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/08/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270106	Local Well Identifier: MW 18				Geologic Unit: Stratified Drift			
5/13/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
7/29/1981	AEHA	ND	ND	ND	ND	ND	ND	ND
1/12/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/28/1983	ICM	ND	ND	ND	ND	1.0	ND	ND
7/08/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/03/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/05/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270231	Local Well Identifier: MW A				Geologic Unit: Stratified Drift			
2/25/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/08/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/22/1983	ICM	ND	2.4	ND	ND	3.5	ND	ND
7/09/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/01/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/30/1983	ICM	ND	ND	ND	ND	ND	ND	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling Agency	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270100	Local Well Identifier: MW 12C				Geologic Unit: Stratified Drift		
7/23/1984	ICM	14.0	ND	ND	ND	-	-
11/21/1984	ACUT	69.0	7.6	ND	-	<50.0	27,000
1/07/1985	ACUT	20.0	ND	ND	-	<50.0	3,900
Well Number: 270101	Local Well Identifier: MW 13				Geologic Unit: Stratified Drift		
3/19/1981	AEHA	ND	ND	ND	ND	-	-
5/13/1981	AEHA	ND	ND	ND	ND	-	-
7/29/1981	AEHA	5.0	7.0	ND	ND	-	-
7/26/1983	ICM	1.4	ND	ND	ND	ND	-
11/29/1983	ICM	ND	ND	ND	ND	6.0	9,500
3/22/1984	ICM	ND	ND	ND	ND	<5.0	5,200
4/26/1984	ICM	ND	ND	ND	ND	<5.0	7,700
7/02/1984	ICM	ND	ND	ND	ND	<5.0	9,800
Well Number: 270102	Local Well Identifier: MW 14				Geologic Unit: Stratified Drift		
5/13/1981	AEHA	ND	ND	ND	ND	-	-
5/20/1981	ICM	ND	ND	-	ND	-	-
3/28/1983	ICM	ND	ND	ND	ND	7.0	-
Well Number: 270103	Local Well Identifier: MW 15				Geologic Unit: Stratified Drift		
5/13/1981	AEHA	ND	ND	ND	ND	-	-
7/29/1981	AEHA	-	-	ND	ND	-	-
1/12/1983	AEHA	ND	ND	ND	ND	-	-
3/29/1983	ICM	ND	ND	ND	ND	8.0	-
7/08/1983	AEHA	ND	ND	ND	ND	-	-
8/03/1983	ICM	ND	ND	ND	ND	4.0	-
12/05/1983	ICM	ND	ND	ND	ND	3.0	4,600
3/26/1984	ICM	ND	ND	ND	ND	5.0	3,900
Well Number: 270104	Local Well Identifier: MW 16				Geologic Unit: Stratified Drift		
5/13/1981	AEHA	ND	ND	ND	ND	-	-
7/29/1981	AEHA	22.0	2.0	ND	ND	-	-
1/12/1983	AEHA	ND	ND	ND	ND	-	-
3/28/1983	ICM	ND	ND	ND	ND	6.0	-
7/11/1983	AEHA	ND	ND	ND	ND	-	-
7/11/1983	DEP	2.0	ND	ND	ND	-	-
7/26/1983	ICM	ND	ND	ND	ND	2.0	-
11/29/1983	ICM	ND	ND	ND	4.2	5.0	2,500
3/08/1984	ICM	ND	ND	ND	ND	<5.0	6,500
Well Number: 270105	Local Well Identifier: MW 17				Geologic Unit: Stratified Drift		
5/13/1981	AEHA	1.0	ND	ND	ND	-	-
7/29/1981	AEHA	21.0	4.0	ND	ND	-	-
1/12/1983	AEHA	ND	ND	ND	ND	-	-
3/28/1983	ICM	ND	ND	ND	ND	4.0	-
7/08/1983	AEHA	ND	ND	ND	ND	-	-
7/08/1983	DEP	ND	2.0	ND	ND	-	-
7/26/1983	ICM	4.4	ND	ND	ND	2.0	-
11/29/1983	ICM	ND	ND	ND	ND	3.0	1,700
3/08/1984	ICM	ND	ND	ND	ND	<5.0	ND
Well Number: 270106	Local Well Identifier: MW 18				Geologic Unit: Stratified Drift		
5/13/1981	AEHA	ND	ND	ND	ND	-	-
7/29/1981	AEHA	ND	ND	ND	ND	-	-
1/12/1983	AEHA	ND	ND	ND	ND	-	-
3/28/1983	ICM	ND	ND	ND	ND	<7.0	-
7/08/1983	AEHA	ND	ND	ND	ND	-	-
8/03/1983	ICM	ND	ND	ND	ND	5.0	-
12/05/1983	ICM	ND	ND	ND	ND	4.0	13,000
3/26/1984	ICM	ND	ND	ND	ND	5.0	14,000
Well Number: 270231	Local Well Identifier: MW A				Geologic Unit: Stratified Drift		
2/25/1982	ICM	1.5	ND	ND	ND	-	-
1/08/1983	AEHA	ND	ND	ND	ND	-	-
3/22/1983	ICM	ND	ND	ND	ND	6.0	-
7/09/1983	AEHA	ND	ND	ND	ND	-	-
8/01/1983	ICM	ND	ND	ND	ND	3.0	-
11/30/1983	ICM	ND	ND	ND	ND	5.0	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloroethylene	1,2-trans-Dichloroethylene	Methylene chloride	Tetrachloroethylene	Toluene
Well Number: 270231	Local Well Identifier: MW A				Geologic Unit: Stratified Drift			
3/05/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
1/08/1985	ACUT	ND	ND	ND	ND	ND	ND	ND
Well Number: 270232	Local Well Identifier: MW B				Geologic Unit: Stratified Drift			
10/18/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/08/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/22/1983	ICM	ND	ND	ND	ND	ND	ND	ND
7/08/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/27/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/30/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/22/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270233	Local Well Identifier: MW C				Geologic Unit: Stratified Drift			
10/18/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/08/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/08/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/08/1983	DEP	ND	2.0	ND	ND	ND	ND	ND
7/27/1983	ICM	ND	-	ND	ND	ND	ND	ND
11/30/1983	ICM	ND	ND	ND	ND	-	ND	ND
3/22/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270234	Local Well Identifier: MW D				Geologic Unit: Stratified Drift			
1/09/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/22/1983	ICM	ND	ND	ND	ND	-	ND	ND
7/09/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/27/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/30/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270235	Local Well Identifier: MW E				Geologic Unit: Stratified Drift			
3/23/1983	ICM	ND	ND	ND	ND	ND	ND	ND
7/27/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/01/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/22/1984	ICM	ND	ND	ND	ND	ND	ND	ND
6/26/1984	ICM	ND	1.0	ND	ND	ND	ND	ND
Well Number: 270236	Local Well Identifier: MW F				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/23/1983	ICM	ND	ND	ND	ND	ND	ND	ND
7/08/1983	DEP	ND	3.0	ND	ND	ND	1.0	ND
7/09/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/01/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/01/1983	ICM	ND	ND	ND	ND	10.9	ND	ND
3/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
7/02/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270237	Local Well Identifier: MW G				Geologic Unit: Stratified Drift			
1/10/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/23/1983	ICM	ND	-	ND	ND	ND	ND	ND
7/08/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/01/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/01/1983	ICM	ND	ND	ND	ND	10.6	ND	ND
3/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
7/02/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270238	Local Well Identifier: MW H				Geologic Unit: Stratified Drift			
2/25/1982	ICM	ND	ND	ND	1.2	ND	ND	ND
10/25/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/10/1983	AEHA	ND	ND	ND	6.0	ND	ND	ND
3/23/1983	ICM	ND	ND	ND	6.3	ND	ND	ND
7/06/1983	AEHA	ND	ND	ND	8.0	ND	ND	ND
8/03/1983	ICM	ND	-	ND	ND	-	ND	ND
12/01/1983	ICM	ND	ND	ND	5.4	9.1	ND	ND
3/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling Agency	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270231	Local Well Identifier: MW A				Geologic Unit: Stratified Drift		
3/05/1984	ICM	6.7	ND	ND	ND	<5.0	ND
6/26/1984	ICM	ND	ND	ND	ND	7.0	ND
1/08/1985	ACUT	ND	ND	ND	-	<50.0	2,000
Well Number: 270232	Local Well Identifier: MW B				Geologic Unit: Stratified Drift		
10/18/1982	ICM	ND	ND	ND	ND	ND	-
1/08/1983	AEHA	ND	ND	ND	ND	-	-
3/22/1983	ICM	ND	ND	ND	ND	3.0	-
7/08/1983	AEHA	ND	ND	ND	ND	-	-
7/27/1983	ICM	ND	ND	ND	ND	12.0	-
11/30/1983	ICM	ND	ND	ND	ND	5.0	6,100
3/22/1984	ICM	ND	ND	ND	ND	<5.0	2,800
6/26/1984	ICM	ND	ND	ND	ND	6.0	2,000
Well Number: 270233	Local Well Identifier: MW C				Geologic Unit: Stratified Drift		
10/18/1982	ICM	ND	ND	ND	ND	2.0	-
1/08/1983	AEHA	ND	ND	ND	ND	-	-
7/08/1983	AEHA	ND	ND	ND	ND	-	-
7/08/1983	DEP	ND	2.0	ND	ND	-	-
7/27/1983	ICM	ND	ND	ND	ND	2.0	-
11/30/1983	ICM	ND	ND	ND	ND	4.0	7,300
3/22/1984	ICM	ND	ND	ND	ND	<5.0	7,200
6/26/1984	ICM	ND	ND	ND	2.2	<5.0	7,600
Well Number: 270234	Local Well Identifier: MW D				Geologic Unit: Stratified Drift		
1/09/1983	AEHA	ND	ND	ND	ND	-	-
3/22/1983	ICM	ND	ND	ND	ND	4.0	-
7/09/1983	AEHA	ND	ND	ND	ND	-	-
7/27/1983	ICM	ND	ND	ND	ND	12.0	-
11/30/1983	ICM	ND	ND	ND	ND	9.0	1,600
3/26/1984	ICM	ND	ND	ND	ND	-	-
6/26/1984	ICM	ND	ND	ND	ND	7.0	1,100
Well Number: 270235	Local Well Identifier: MW E				Geologic Unit: Stratified Drift		
3/23/1983	ICM	ND	ND	ND	ND	8.0	-
7/27/1983	ICM	ND	ND	ND	ND	6.0	-
12/01/1983	ICM	ND	ND	ND	ND	3.0	9,000
3/22/1984	ICM	ND	ND	ND	ND	<5.0	9,800
6/26/1984	ICM	ND	ND	ND	ND	5.0	11,000
Well Number: 270236	Local Well Identifier: MW F				Geologic Unit: Stratified Drift		
1/10/1983	AEHA	ND	ND	ND	ND	-	-
3/23/1983	ICM	ND	ND	ND	ND	12.0	-
7/08/1983	DEP	ND	2.0	ND	ND	-	-
7/09/1983	AEHA	ND	ND	ND	ND	-	-
8/01/1983	ICM	ND	ND	ND	ND	3.0	-
12/01/1983	ICM	ND	ND	ND	ND	5.0	7,900
3/26/1984	ICM	ND	ND	ND	ND	<5.0	8,000
7/02/1984	ICM	ND	ND	ND	ND	10.0	19,000
Well Number: 270237	Local Well Identifier: MW G				Geologic Unit: Stratified Drift		
1/10/1983	AEHA	ND	ND	ND	ND	-	-
3/23/1983	ICM	ND	ND	ND	ND	6.0	-
7/08/1983	AEHA	ND	ND	ND	ND	-	-
8/01/1983	ICM	ND	ND	ND	ND	2.0	-
12/01/1983	ICM	ND	ND	ND	4.3	6.0	ND
3/26/1984	ICM	ND	ND	ND	ND	<10.0	ND
7/02/1984	ICM	1.3	ND	ND	ND	6.0	1,500
Well Number: 270238	Local Well Identifier: MW H				Geologic Unit: Stratified Drift		
2/25/1982	ICM	25.7	ND	ND	ND	-	-
10/25/1982	ICM	3.4	ND	ND	ND	3.0	-
1/10/1983	AEHA	38.0	ND	ND	ND	-	-
3/23/1983	ICM	34.7	1.7	ND	ND	7.0	-
7/06/1983	AEHA	45.0	ND	ND	ND	-	-
8/03/1983	ICM	29.8	ND	ND	ND	5.0	-
12/01/1983	ICM	20.0	ND	ND	2.4	6.0	ND
3/26/1984	ICM	9.3	ND	ND	ND	<5.0	7,700

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloroethylene	1,2-trans-Dichloroethylene	Methylene chloride	Tetrachloroethylene	Toluene
Well Number: 270238	Local Well Identifier: MW H				Geologic Unit: Stratified Drift			
7/02/1984	ICM	ND	ND	ND	1.7	ND	ND	ND
Well Number: 270239	Local Well Identifier: MW I				Geologic Unit: Stratified Drift			
2/25/1982	ICM	ND	ND	ND	ND	ND	1.3	ND
6/29/1982	ICM	ND	ND	ND	ND	ND	ND	ND
10/25/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/10/1983	AEHA	ND	ND	ND	2.0	ND	2.0	ND
3/25/1983	ICM	ND	ND	ND	ND	-	ND	ND
7/08/1983	AEHA	ND	ND	ND	ND	ND	3.0	ND
8/01/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/05/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
7/02/1984	ICM	ND	ND	ND	ND	ND	ND	ND
1/08/1985	ACUT	ND	ND	ND	ND	ND	1.3	ND
Well Number: 270240	Local Well Identifier: MW J				Geologic Unit: Stratified Drift			
10/26/1982	ICM	ND	ND	ND	ND	ND	ND	ND
1/11/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/25/1983	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270241	Local Well Identifier: MW K				Geologic Unit: Stratified Drift			
4/30/1982	ICM	ND	ND	ND	ND	ND	ND	ND
10/26/1982	ICM	ND	ND	ND	1.0	ND	ND	ND
1/11/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
3/25/1983	ICM	ND	ND	ND	ND	-	ND	ND
7/08/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/03/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/05/1983	ICM	ND	ND	ND	ND	ND	ND	ND
3/28/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270243	Local Well Identifier: Cafeteria 2				Geologic Unit: Stratified Drift			
1/14/1983	AEHA	ND	ND	ND	15.0	ND	2.0	ND
7/11/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/11/1983	DEP	ND	ND	ND	15.0	ND	2.0	ND
7/11/1983	ICM	ND	ND	7.9	ND	48.0	1.7	ND
11/30/1984	ACUT	ND	ND	ND	76.0	ND	ND	ND
Well Number: 270244	Local Well Identifier: Cafeteria 3				Geologic Unit: Stratified Drift			
1/14/1983	AEHA	ND	ND	ND	2.0	ND	ND	ND
7/11/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/11/1983	DEP	ND	ND	ND	2.0	ND	3.0	ND
7/11/1983	ICM	ND	ND	ND	ND	1.1	ND	ND
Well Number: 270245	Local Well Identifier: Cafeteria 4				Geologic Unit: Stratified Drift			
1/28/1983	AEHA	ND	ND	ND	ND	-	14.0	ND
8/10/1983	AEHA	ND	ND	ND	4.0	ND	ND	ND
8/10/1983	DEP	ND	ND	ND	ND	ND	ND	ND
8/10/1983	ICM	ND	3.4	ND	9.5	3.7	ND	ND
Well Number: 270247	Local Well Identifier: BLDG 65-2				Geologic Unit: Stratified Drift			
7/11/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/11/1983	DEP	ND	ND	ND	ND	ND	ND	ND
7/11/1983	ICM	ND	-	ND	ND	-	ND	ND
Well Number: 270248	Local Well Identifier: BLDG 65-3				Geologic Unit: Stratified Drift			
1/27/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/10/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/10/1983	DEP	ND	ND	ND	ND	ND	ND	ND
8/10/1983	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270249	Local Well Identifier: BLDG 65-4				Geologic Unit: Stratified Drift			
7/11/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/11/1983	DEP	ND	ND	ND	ND	ND	ND	ND
7/11/1983	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270251	Local Well Identifier: Landfill 2				Geologic Unit: Stratified Drift			
1/16/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/11/1983	AEHA	ND	ND	ND	ND	ND	ND	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270238	Local Well Identifier: MW H				Geologic Unit: Stratified Drift		
7/02/1984	ICM	19.0	ND	ND	ND	8.0	ND
Well Number: 270239	Local Well Identifier: MW I				Geologic Unit: Stratified Drift		
2/25/1982	ICM	5.3	ND	ND	ND	-	-
6/29/1982	ICM	1.0	ND	ND	ND	-	-
10/25/1982	ICM	ND	ND	ND	ND	2.0	-
1/10/1983	AEHA	9.0	ND	ND	ND	-	-
3/25/1983	ICM	4.2	ND	ND	ND	2.0	-
7/08/1983	AEHA	7.0	ND	ND	ND	-	-
8/01/1983	ICM	2.1	ND	ND	ND	ND	-
12/05/1983	ICM	7.0	ND	ND	ND	2.0	ND
3/26/1984	ICM	1.3	ND	ND	ND	<5.0	ND
7/02/1984	ICM	3.9	ND	ND	3.5	<5.0	ND
1/08/1985	ACUT	6.4	ND	ND	-	<50.0	2,300
Well Number: 270240	Local Well Identifier: MW J				Geologic Unit: Stratified Drift		
10/26/1982	ICM	1.0	ND	ND	ND	-	-
1/11/1983	AEHA	ND	ND	ND	ND	-	-
3/25/1983	ICM	ND	ND	ND	ND	4.0	-
Well Number: 270241	Local Well Identifier: MW K				Geologic Unit: Stratified Drift		
4/30/1982	ICM	ND	ND	ND	ND	-	-
10/26/1982	ICM	ND	ND	ND	ND	-	-
1/11/1983	AEHA	ND	ND	ND	ND	-	-
3/25/1983	ICM	ND	ND	ND	ND	3.0	-
7/08/1983	AEHA	ND	ND	ND	ND	-	-
8/03/1983	ICM	ND	ND	ND	ND	6.0	-
12/05/1983	ICM	ND	ND	ND	ND	7.0	1,700
3/28/1984	ICM	ND	ND	ND	ND	7.0	1,800
Well Number: 270243	Local Well Identifier: Cafeteria 2				Geologic Unit: Stratified Drift		
1/14/1983	AEHA	80.0	ND	ND	ND	-	-
7/11/1983	AEHA	600	ND	ND	5.0	-	-
7/11/1983	DEP	400	ND	ND	ND	-	-
7/11/1983	ICM	327	ND	ND	ND	4.0	-
11/30/1984	ACUT	4460	2.4	ND	-	<50.0	8,400
Well Number: 270244	Local Well Identifier: Cafeteria 3				Geologic Unit: Stratified Drift		
1/14/1983	AEHA	86.0	ND	ND	ND	-	-
7/11/1983	AEHA	60.0	ND	ND	5.0	-	-
7/11/1983	DEP	61.0	ND	ND	ND	-	-
7/11/1983	ICM	51.3	ND	ND	ND	4.0	-
Well Number: 270245	Local Well Identifier: Cafeteria 4				Geologic Unit: Stratified Drift		
1/28/1983	AEHA	180	ND	ND	ND	-	-
8/10/1983	AEHA	100	ND	ND	ND	-	-
8/10/1983	DEP	96.0	ND	ND	ND	-	-
8/10/1983	ICM	85.8	ND	ND	ND	124	-
Well Number: 270247	Local Well Identifier: BLDG 65-2				Geologic Unit: Stratified Drift		
7/11/1983	AEHA	ND	ND	ND	ND	-	-
7/11/1983	DEP	ND	ND	ND	ND	-	-
7/11/1983	ICM	ND	ND	ND	ND	6.0	-
Well Number: 270248	Local Well Identifier: BLDG 65-3				Geologic Unit: Stratified Drift		
1/27/1983	AEHA	2.0	ND	ND	ND	-	-
8/10/1983	AEHA	80.0	ND	ND	ND	-	-
8/10/1983	DEP	61.0	ND	ND	ND	-	-
8/10/1983	ICM	ND	ND	ND	ND	7.0	-
Well Number: 270249	Local Well Identifier: BLDG 65-4				Geologic Unit: Stratified Drift		
7/11/1983	AEHA	ND	ND	ND	ND	-	-
7/11/1983	DEP	ND	ND	ND	ND	-	-
7/11/1983	ICM	ND	ND	ND	ND	3.0	-
Well Number: 270251	Local Well Identifier: Landfill 2				Geologic Unit: Stratified Drift		
1/16/1983	AEHA	ND	ND	ND	ND	-	-
8/11/1983	AEHA	3.0	ND	ND	ND	-	-

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Methylene chloride	Tetra-chloro-ethylene	Toluene
Well Number: 270251	Local Well Identifier: Landfill 2				Geologic Unit: Stratified Drift			
8/11/1983	DEP	ND	ND	ND	ND	ND	ND	ND
8/11/1983	ICM	ND	-	ND	ND	ND	ND	ND
Well Number: 270252	Local Well Identifier: Landfill 3				Geologic Unit: Stratified Drift			
1/26/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/11/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/11/1983	DEP	ND	ND	ND	ND	ND	ND	ND
8/11/1983	ICM	ND	-	ND	ND	ND	ND	ND
Well Number: 270256	Local Well Identifier: 507B				Geologic Unit: Stratified Drift			
5/08/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/08/1984	USGS	ND	ND	ND	ND	ND	ND	ND
Well Number: 270267	Local Well Identifier: 129 OBS				Geologic Unit: Stratified Drift			
4/11/1984	ICM	ND	ND	ND	ND	ND	ND	ND
Well Number: 270268	Local Well Identifier: MW 151				Geologic Unit: Stratified Drift			
12/07/1983	ICM	1.6	ND	ND	ND	ND	ND	1.0
12/08/1983	ICM	1.2	ND	ND	ND	ND	ND	3.0
12/12/1983	ICM	ND	ND	ND	ND	ND	ND	ND
12/13/1983	ICM	ND	ND	ND	ND	ND	ND	ND
1/05/1984	ICM	ND	ND	ND	ND	ND	ND	ND
1/05/1984	USGS	ND	ND	ND	ND	ND	ND	ND
Well Number: 270269	Local Well Identifier: MW 12D				Geologic Unit: Stratified Drift			
11/21/1984	ACUT	ND	ND	ND	6.0	ND	21.0	ND
1/07/1985	ACUT	ND	ND	ND	3.0	ND	5.7	ND
Well Number: 270271	Local Well Identifier: MW 320				Geologic Unit: Stratified Drift			
1/26/1984	ICM	ND	ND	ND	ND	ND	ND	ND
1/27/1984	ICM	ND	ND	ND	ND	ND	ND	ND
1/30/1984	ICM	ND	ND	ND	ND	ND	ND	ND
1/31/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/01/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/07/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/07/1984	USGS	ND	ND	ND	ND	ND	ND	ND
1/08/1985	ACUT	ND	ND	ND	ND	ND	ND	ND
Well Number: 270276	Local Well Identifier: MW 178				Geologic Unit: Stratified Drift			
1/31/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/01/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/02/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/03/1984	ICM	ND	ND	ND	ND	ND	ND	ND
2/06/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/07/1984	ICM	ND	ND	ND	ND	ND	ND	ND
3/08/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/07/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/07/1984	USGS	ND	ND	ND	ND	ND	ND	ND
Well Number: 270278	Local Well Identifier: MW 176S				Geologic Unit: Stratified Drift			
3/08/1984	ICM	ND	ND	ND	ND	ND	1.0	ND
3/13/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/07/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/07/1984	USGS	ND	ND	ND	ND	ND	ND	ND
Well Number: 270281	Local Well Identifier: MW H-3				Geologic Unit: Stratified Drift			
10/12/1984	ACUT	ND	ND	ND	ND	ND	ND	ND
11/29/1984	ACUT	ND	ND	ND	ND	ND	ND	ND
Well Number: 270282	Local Well Identifier: MW H-4				Geologic Unit: Stratified Drift			
10/12/1984	ACUT	ND	ND	ND	ND	ND	ND	ND
11/29/1984	ACUT	ND	ND	ND	8.4	ND	ND	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling Agency	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270251	Local Well Identifier: Landfill 2				Geologic Unit: Stratified Drift		
8/11/1983	DEP	ND	ND	ND	ND	-	-
8/11/1983	ICM	3.2	ND	ND	ND	-	-
Well Number: 270252	Local Well Identifier: Landfill 3				Geologic Unit: Stratified Drift		
1/26/1983	AEHA	ND	ND	ND	ND	-	-
8/11/1983	AEHA	ND	ND	ND	ND	-	-
8/11/1983	DEP	ND	ND	ND	ND	-	-
8/11/1983	ICM	-	ND	ND	ND	88.0	-
Well Number: 270256	Local Well Identifier: 507B				Geologic Unit: Stratified Drift		
5/08/1984	ICM	ND	ND	ND	ND	<5.0	ND
5/08/1984	USGS	ND	ND	ND	ND	<5.0	ND
Well Number: 270267	Local Well Identifier: 129 OBS				Geologic Unit: Stratified Drift		
4/11/1984	ICM	ND	ND	ND	ND	<5.0	2,000
Well Number: 270268	Local Well Identifier: MW 151				Geologic Unit: Stratified Drift		
12/07/1983	ICM	ND	ND	ND	ND	6.0	1,000
12/08/1983	ICM	ND	ND	ND	ND	1.0	2,800
12/12/1983	ICM	ND	ND	ND	ND	4.0	1,400
12/13/1983	ICM	ND	ND	ND	ND	8.0	ND
1/05/1984	ICM	ND	ND	ND	ND	3.0	ND
1/05/1984	USGS	ND	ND	ND	ND	-	-
Well Number: 270269	Local Well Identifier: MW 12D				Geologic Unit: Stratified Drift		
11/21/1984	ACUT	44.0	3.4	ND	-	<50.0	39,000
1/07/1985	ACUT	29.0	ND	ND	-	<50.0	3,000
Well Number: 270271	Local Well Identifier: MW 320				Geologic Unit: Stratified Drift		
1/26/1984	ICM	2.6	ND	ND	ND	<5.0	1,000
1/27/1984	ICM	1.7	ND	ND	ND	<5.0	ND
1/30/1984	ICM	27.2	ND	ND	ND	6.0	ND
1/31/1984	ICM	2.0	ND	ND	ND	<5.0	ND
2/01/1984	ICM	10.0	ND	ND	ND	<5.0	ND
5/07/1984	ICM	3.2	ND	ND	ND	<5.0	ND
5/07/1984	USGS	3.9	ND	ND	ND	-	ND
1/08/1985	ACUT	ND	ND	ND	-	<50.0	4,500
Well Number: 270276	Local Well Identifier: MW 178				Geologic Unit: Stratified Drift		
1/31/1984	ICM	1.7	ND	ND	ND	<5.0	ND
2/01/1984	ICM	6.5	ND	ND	ND	<5.0	ND
2/02/1984	ICM	2.3	ND	ND	ND	<5.0	ND
2/03/1984	ICM	3.2	ND	ND	ND	<5.0	ND
2/06/1984	ICM	1.8	ND	ND	ND	6.0	ND
3/07/1984	ICM	5.0	ND	ND	ND	<5.0	1,000
3/08/1984	ICM	3.4	ND	ND	ND	5.0	ND
5/07/1984	ICM	3.6	ND	ND	ND	<5.0	ND
5/07/1984	USGS	7.5	ND	ND	ND	-	ND
Well Number: 270278	Local Well Identifier: MW 176S				Geologic Unit: Stratified Drift		
3/08/1984	ICM	ND	ND	ND	ND	<5.0	ND
3/13/1984	ICM	ND	ND	ND	ND	5.0	ND
5/07/1984	ICM	ND	ND	ND	ND	<5.0	ND
5/07/1984	USGS	ND	ND	ND	ND	-	1,200
Well Number: 270281	Local Well Identifier: MW H-3				Geologic Unit: Stratified Drift		
10/12/1984	ACUT	ND	ND	ND	-	<50.0	1,200
11/29/1984	ACUT	4.9	ND	ND	-	<50.0	1,600
Well Number: 270282	Local Well Identifier: MW H-4				Geologic Unit: Stratified Drift		
10/12/1984	ACUT	32.0	ND	ND	-	<50.0	1,400
11/29/1984	ACUT	55.0	ND	1.6	-	<50.0	1,300

Table 5.--Results of organic water-quality analyses of water samplings from wells
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling agency[2]	Benzene	Chloroform	1,1-Dichloro-ethylene	1,2-trans-Dichloro-ethylene	Methylene chloride	Tetra-chloro-ethylene	Toluene
Well Number: 270246	Local Well Identifier:	BLDG 65-1	Geologic Unit:	Leithsville Formation				
1/27/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/10/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/10/1983	ICM	ND	ND	ND	1.0	3.8	ND	ND
8/22/1983	DEP	ND	ND	ND	ND	ND	ND	ND
Well Number: 270250	Local Well Identifier:	Landfill 1	Geologic Unit:	Leithsville Formation				
1/17/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/10/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
8/10/1983	DEP	ND	ND	ND	ND	ND	ND	ND
8/10/1983	ICM	ND	3.7	ND	ND	ND	ND	ND
Well Number: 270277	Local Well Identifier:	MW 176D	Geologic Unit:	Leithsville Formation				
4/10/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/12/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/13/1984	ICM	ND	ND	ND	ND	ND	ND	ND
4/16/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/07/1984	ICM	ND	ND	ND	ND	ND	ND	ND
5/07/1984	USGS	ND	ND	ND	ND	ND	ND	ND
Well Number: 270280	Local Well Identifier:	MW H-2	Geologic Unit:	Leithsville Formation				
10/12/1984	ACUT	ND	1.5	ND	ND	ND	ND	ND
Well Number: 270242	Local Well Identifier:	Cafeteria 1	Geologic Unit:	Hardyston Quartzite				
7/12/1983	AEHA	ND	ND	ND	ND	ND	ND	ND
7/12/1983	DEP	ND	ND	ND	ND	ND	ND	ND
7/12/1983	ICM	ND	ND	ND	ND	ND	ND	ND
11/30/1984	ACUT	ND	ND	18.0	ND	ND	ND	ND

Table 5.--Results of organic water-quality analyses of water samplings from wells--Continued
[Results in micrograms per liter. ND indicates compound below detection limit.[1]]

Date	Sampling Agency	Trichloro-ethylene	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	Freon-113	Total phenol	Total Organic Carbon
Well Number: 270246	Local Well Identifier:	BLDG 65-1	Geologic Unit:	Leithsville Formation			
1/27/1983	AEHA	40.0	ND	ND	ND	-	-
8/10/1983	AEHA	50.0	ND	ND	ND	-	-
8/10/1983	ICM	26.2	ND	ND	ND	8.0	-
8/22/1983	DEP	13.0	ND	ND	ND	-	-
Well Number: 270250	Local Well Identifier:	Landfill 1	Geologic Unit:	Leithsville Formation			
1/17/1983	AEHA	ND	ND	ND	ND	-	-
8/10/1983	AEHA	ND	ND	ND	ND	-	-
8/10/1983	DEP	ND	ND	ND	ND	-	-
8/10/1983	ICM	ND	ND	ND	ND	-	-
Well Number: 270277	Local Well Identifier:	MW 176D	Geologic Unit:	Leithsville Formation			
4/10/1984	ICM	ND	ND	ND	ND	5.0	14,000
4/12/1984	ICM	ND	ND	ND	ND	<5.0	2,900
4/13/1984	ICM	ND	ND	ND	ND	<5.0	ND
4/16/1984	ICM	ND	ND	ND	ND	7.0	3,300
5/07/1984	ICM	ND	ND	ND	ND	<5.0	ND
5/07/1984	USGS	ND	ND	ND	ND	-	ND
Well Number: 270280	Local Well Identifier:	MW H-2	Geologic Unit:	Leithsville Formation			
10/12/1984	ACUT	1.4	ND	ND	-	<50.0	17,000
Well Number: 270242	Local Well Identifier:	Cafeteria 1	Geologic Unit:	Hardyston Quartzite			
7/12/1983	AEHA	ND	ND	ND	ND	-	-
7/12/1983	DEP	ND	ND	ND	ND	-	-
7/12/1983	ICM	ND	ND	ND	ND	6.0	-
11/30/1984	ACUT	3.1	ND	ND	-	<50.0	2,400

[1] DETECTION LIMITS FOR VOLATILE ORGANIC COMPOUNDS: DEP - 1 ug/L, AEHA - 3 ug/L, ACUT - 1 ug/L, and ICM - 1 ug/L.

[2] SAMPLE AGENCY: DEP - NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION, AEHA - U.S. ARMY ENVIRONMENTAL HYGIENE AGENCY, USGS - U.S. GEOLOGICAL SURVEY, ACUT - ACUTEST, INC., ICM - INDUSTRIAL CORROSION MANAGEMENT.