WATER-QUALITY DATA FROM THE OBSERVATION-WELL NETWORK IN ILLINOIS, 1985-87

by David C. Voelker, Daniel J. Oberg, and Mary J. Grober

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CONTENTS

Page

Abstract..... 1
Introduction..... 1
Background..... 1
Purpose and scope..... 2
Well-numbering system..... 2
Acknowledgments..... 4
Methods of study..... 4
Data collection..... 4
Sample analyses..... 5
Presentation of data..... 6
References cited..... 6

ILLUSTRATIONS

Figure 1. Map showing locations of all wells sampled in the network..... 3
2. Diagram showing the well-numbering system of the U.S. Geological Survey..... 4

TABLES

Table 1. Public water-supply water-quality standards for Illinois..... 8
2. Water-quality records for wells open primarily to the sand and gravel aquifer systems..... 10
3. Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems..... 290
4. Water-quality records for wells open primarily to the Silurian aquifer system..... 325
5. Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems..... 451
6. Water-quality records for wells that have openings of unknown intervals..... 563
7. Water-quality records for the subnetwork of wells sampled for pesticides, including herbicides and insecticides..... 598
8. Selected ground-water site inventory (GWSI) data..... 673

CONVERSION FACTORS AND ABBREVIATIONS

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

Multiply inch-pound unit	by	To obtain metric unit
foot (ft)	0.3048	meter (m)
gallon per minute (gal/min)	0.06308	liter per second (L/s)
	3.785	liter per minute (L/min)

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ABSTRACT

The report presents water-quality and well-site information for public water-supply wells in Illinois. These wells were sampled during the period January 1985 through June 1987 as part of an ongoing cooperative ground-water observation network in the State. Water-quality data are tabulated for physical parameters, nutrients, common constituents, metals, phenols, cyanide, and volatile organic compounds. A subnetwork of wells also have data on several pesticides and herbicides. Some well-site information is also presented in this report.

INTRODUCTION

Background

Planning, management, and regulatory agencies need reliable hydrologic information to effectively manage and protect Illinois' water resources. Frost and others (1984) reviewed existing data and indicated a need for a ground-water observation network in Illinois to provide long-term records of ground-water levels and ground-water quality. The long-term records would provide a consistent data base to evaluate the effects of climatic variations and the effects of development and use on the ground-water system. The baseline water-quality determined from the network would provide a reference from which to assess the extent of contamination from spills and waste disposal.

Student and others (1981) identified aquifers in Illinois that could be used as water sources and included several plates that outline the major geohydrologic units. O'Hearn and Schock (1985) looked at the major geohydrologic units in Illinois in relation to ground-water withdrawal and contamination potential and proposed a monitoring program based on the use of public water-supply wells.

Early in 1984, the IEPA (Illinois Environmental Protection Agency) and the U.S. Geological Survey began a cooperative pilot observation-well network in Illinois. The goals of the cooperative effort were to (1) select a network of wells to represent the major geohydrologic units in Illinois; (2) describe baseline conditions in each geohydrologic unit; (3) investigate trends in ground-water quality and quantity; and (4) establish a manageable data base for use in periodically assessing ground-water resources.

The pilot-study network of 106 wells was selected and sampling began in late April 1984. Sampling was done quarterly throughout the year and most of the 106 wells in the network were sampled three times during 1984 (Voelker, 1986).

Since the pilot-study network, the number of wells sampled has increased from 106 to over 2,000 (fig. 1). The program has developed into one in which all public water-supply wells in the State are to be sampled. In addition to expanding the number of wells sampled, samples are also being collected for volatile organic compounds at each well.

Field observations and measurements made at each well site could include pumping ground-water levels, pumping rates, water temperature, specific conductance, pH, oxidation-reduction potential, and alkalinity. Water samples were collected at the well, transported to the IEPA laboratory in Champaign, and analyzed for common constituents, metals, nutrients, phenols, and cyanide. Beginning in the spring of 1985, water samples were also collected for the analysis of volatile organic compounds. This is the first statewide ground-water program in Illinois for the collection of volatile organics data. A smaller subset of wells was also sampled for organic herbicides, pesticides, and insecticides. These data are stored in the U.S. Geological Survey's WATSTORE (National WATer Data STOrage and REtrieval System) and the U.S. Environmental Protection Agency's STORET (STOrage and RETrieval) computerized data bases.

Some well information will be available from the U.S. Geological Survey GWSI (Ground-Water Site Inventory) data base. The GWSI is an automated retrieval system for storing physical, hydrologic, and geologic data relating to ground-water wells. The GWSI system allows for ready access to well site identification, location, and description; ownership information; physical information; geologic data; and several additional categories.

Purpose and Scope

The purpose of this report is to assemble data collected for each well sampled in the program during the period January 1985 through June 1987. The data presented in this report are primarily from wells open to sand and gravel, Pennsylvanian-Mississippian, Silurian, and Cambrian-Ordovician aquifer systems.

Well-Numbering System

The well numbering or site identification system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The number consists of 15 digits. The first six digits denote the degrees, minutes, and seconds of latitude; the next seven digits denote the degrees, minutes, and seconds of longitude; and the last two digits (assigned sequentially) identify the wells within a 1-second grid (fig. 2). This site-identification number, once assigned, is a pure number, and has no locational significance. In the instance where the initial determination of latitude and longitude is found to be in error, the station retains its initial site-identification number. However, its true latitude and longitude will be updated in the site file of both the WATSTORE and GWSI data bases.

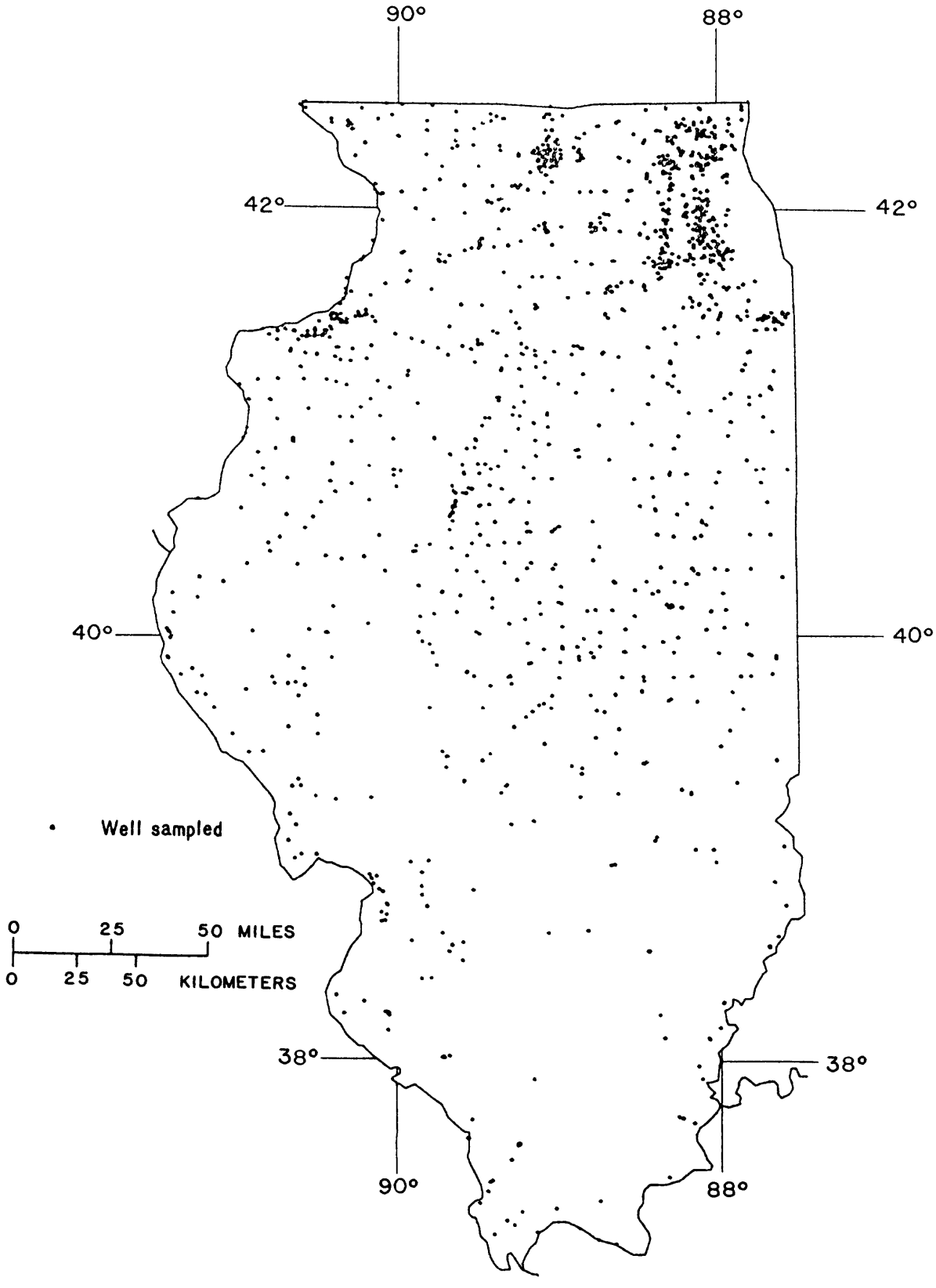
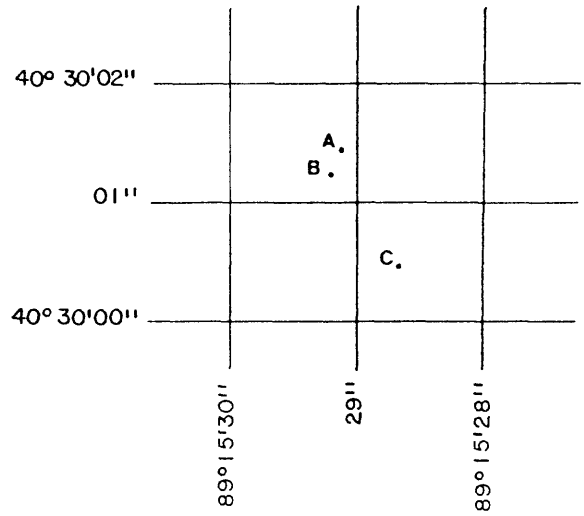


Figure 1.--Locations of wells sampled in the network.



Coordinates for wells:

A	403001089152901
B	403001089152902
C	403000089152801

Figure 2.--Well-numbering system of the U.S. Geological Survey.

Acknowledgments

The IEPA's Division of Public Water Supplies has been responsible for the sampling of the State's public water-supply wells. The many municipal well operators and owners are also acknowledged for providing access to their wells and assisting with any special sampling needs. All chemical analyses were made at IEPA's laboratories in Champaign and Springfield.

METHODS OF STUDY

Data Collection

At a well site, personnel measured the pumping water level, where possible, and checked that any chemical feeds going into the discharge line were shut off. It is important to note that the wells in the monitoring network are all used for public water-supply purposes, and it is not always possible to collect a sample prior to a treatment application point. During sampling procedures, these treatments were disconnected and should have no effect on

the sample analysis. Water treatment could include chlorination, fluoridation, and the addition of polyphosphate either into the discharge line or directly into the well itself. This information was recorded on the field-data sheets.

Flow-through chambers were used for field determinations of pH, specific conductance, temperature, and oxidation-reduction potential (Eh). Prior to field determinations, a calibration check of the pH probe was made. The field monitoring equipment was then connected to the raw-water tap located closest to the well-head. The flow-through unit was designed for optimal performance when approximately 0.5 L/min (liters per minute) of water is flowing through

Finally, before leaving a well site, a last measurement of the pumping water level was recorded (where available). These pumping water levels are used as indicators of what was occurring in the well at the time of sampling. A stable water level during pumping indicated that formation water was being pumped through the system, rather than from storage in the well.

Information for the GWSI data base that is obtained at the well site may include general site data such as well locations, owner/operator data, pump data, and site status. Operator logs provide information on well production, and many operators maintain a file that contains driller's logs, historical water-levels, and pumping data. Additional information was obtained from the Illinois State Water Survey Bulletin 60-series reports and from the files of the Illinois State Geological Survey, the agency responsible for maintaining records of all drilling activities in the State. Some geological data, including available well logs, were compiled and entered into the GWSI data base.

Sample Analyses

All samples were analyzed for total (dissolved plus suspended) constituents, except as noted, and volatile organic compounds. Laboratory analyses included ammonia nitrogen, nitrate + nitrite nitrogen, phosphorus, dissolved silica, arsenic, lead, mercury, fluoride, dissolved chloride, dissolved sulfate, cyanide, phenols, selenium, residue on evaporation at 180 degrees Celsius, alkalinity, calcium, magnesium, sodium, potassium, barium, boron, beryllium, cadmium, chromium, copper, cobalt, iron, aluminum, manganese, nickel, silver, strontium, vanadium, and zinc.

The volatile organic compounds that were analyzed include chloroform, dichlorobromomethane, chlorodibromomethane, bromoform, methylene chloride, dichloroethylene, dichloroethane, chloroethylene, chloroethane, trichloroethane, carbontetrachloride, trichloroethylene, tetrachloroethylene, chlorobenzene, benzene, toluene, and ethylbenzene.

At those sites where samples were collected for pesticides, herbicides, and insecticides, the following compounds were analyzed: lindane, heptachlor, aldrin, heptachlor epoxide, gamma chlordane, dieldrin, endrin, methoxychlor, DDE, DDD, DDT, toxaphene, PCB, phorate, diazinon, methylparathion, terbufos, dyfonate, chlorpyrifos, malathion, ethion, atrazine, alachlor, metolachlor, cyanazine, 2,4-D, and silvex.

PRESENTATION OF DATA

Eight tables of public-supply well data collected from January 1985 through June 1987 are included in this report. Table 1 presents the public water-supply water-quality standards for Illinois and is included for referencing the data. Tables 2 through 6 present the inorganic and volatile organic water-quality data grouped by aquifer system. Table 7 includes the pesticide, herbicide, and insecticide data from the selected subnetwork of wells sampled

REFERENCES CITED

Frost, L. R., O'Hearn, Michael, Gibb, J. P., and Sherrill, M. G., 1984, Illinois ground-water observation network - a preliminary planning document: U.S. Geological Survey Open-File Report 84-584, 37 p.

Illinois Pollution Control Board, 1984a, State of Illinois Rules and Regulations, Title 35: Environmental Protection, Subtitle C: Water Pollution, Chapter I: Springfield, 44 p.

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TABLES 1 THROUGH 8

Table 1.--Public water-supply water-quality standards for Illinois

[Illinois Pollution Control Board, 1984a, 1984b; dashes indicate no standard designated]

Constituent	Maximum concentration, in milligrams per liter	
	At point of withdrawal	Finished water
Inorganics		
Arsenic (total)	0.05	0.05
Barium (total	1.0	1.0
Cadmium (total)	.010	.010
Chloride	250	--
Chromium	.05	.05
Copper	--	5.0
Cyanide	--	.2
Fluoride	--	1.8
Iron	--	1.0
Lead (total)	.05	.05
Manganese (total)	.15	.15
Mercury	--	.002
Nitrate-nitrogen	10	10
Phenols	.001	--
Selenium (total)	.01	.01
Silver	--	.05
Sulfates	250	--
Total dissolved solids	500	--
Zinc	--	5.0

Table 1.--Public water-supply water-quality standards for Illinois--Continued

Constituent	Maximum concentration, in milligrams per liter	
	At point of withdrawal	Finished water
Organics		
Pesticides		
Chlorinated Hydrocarbon Insecticides		
Aldrin	--	0.001
Chlordane	--	.003
DDT	--	.05
Dieldrin	--	.001
Endrin	--	.0002
Heptachlor	--	.0001
Heptachlor Epoxide	--	.0001
Lindane	--	.004
Methoxychlor	--	.1
Toxaphene	--	.005
Chlorophenoxy Herbicides		
2,4-Dichlorophenoxyacetic acid (2,4-D)	--	.01
2,4,5-Trichlorophenoxypropionic acid (2,4,5-TP or Silvex)	--	.01
Total Trihalomethanes	--	.10

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems

[min, minute; gal/min, gallons per minute; µS/cm, microsiemens per centimeter at 25° Celsius; mV, millivolts; deg. C, degrees Celsius; mg/L, milligrams per liter; µg/L, micrograms per liter; <, less than; >, greater than; dashes indicate no data]

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Adams County			
394722091183601	04-01-87	1330	Bluffview Mobile Home Park Well No. 1	17002	17002	--
395158091233801	04-01-87	1000	T & C Mobile Estates Mobile Home Park Well No. 1	17002	17002	--
395216091234401	04-07-86	1320	Mill Creek Water District Well No. 1	17002	17002	--
	04-29-86	1150	Mill Creek Water District Well No. 1	17002	17002	--
	12-30-86	1050	Mill Creek Water District Well No. 1	17002	17002	--
395223091234901	04-07-86	1220	Mill Creek Water District Well No. 2	17002	17002	--
	04-29-86	1135	Mill Creek Water District Well No. 2	17002	17002	--
	12-30-86	1115	Mill Creek Water District Well No. 2	17002	17002	--
395934091232301	04-01-87	0915	Paradise Lane Mobile Home Park Well No. 2	17002	17002	--
395938091232401	04-01-87	0900	Paradise Lane Mobile Home Park Well No. 1	17002	17002	--
400026091242401	04-03-85	1350	Clayton-Camp Point Public Water Dist. Well No. 1	81700	17002	36.33
	04-02-87	0855	Clayton-Camp Point Public Water Dist. Well No. 1	17002	17002	--
400026091242501	04-02-87	0830	Clayton-Camp Point Water Commission Well No. 2	17002	17002	--
			Alexander County			
371010089203701	03-27-85	1550	Central Alexander County Well No. 1	81700	17002	13.50
371407089161901	01-07-86	1500	Tamms Well No. 1	17002	17002	6.90
371909089255801	03-27-85	1430	McClure-East Cape Public Water Dist. Well No. 1	81700	17002	--
			Bond County			
384817089290901	10-16-86	1155	Pocahontas Well No. 7	17002	17002	--
			Boone County			
421649088513801	03-20-85	1505	Belvidere Well No. 9	81700	17002	27.70
	03-20-85	1510	Belvidere Well No. 9	81700	17002	27.70
	06-05-85	1440	Belvidere Well No. 9	17002	17002	--
	10-31-85	1415	Belvidere Well No. 9	17002	17002	35.00
	12-16-86	1410	Belvidere Well No. 9	81700	17002	33.30

	12-16-86	1415	Belvidere Well No. 9	17002	17002	33.30
	05-19-87	1130	Belvidere Well No. 9	81700	17002	30.00
422046088520901	11-07-85	1155	Candlewick Lake Utility Company Well No. 1	17002	17002	49.00
	11-07-85	1205	Candlewick Lake Utility Company Well No. 1	17002	17002	49.00
422157088491001	06-25-86	1348	Poplar Grove Well No. 3 (Edenfruit)	17002	17002	--
422158088491101	11-07-85	1340	Poplar Grove Well No. 2	17002	17002	--
422400088435801	06-24-86	1325	Capron Mobile Home Park Well No. 1	17002	17002	--
422400088435802	06-24-86	1315	Capron Mobile Home Park Well No. 2	17002	17002	--
			Brown County			
375417089064701	02-26-86	1135	New Haven Well No. 1	17002	17002	--
395323090385301	02-27-86	1420	Versailles Well No. 1	17002	17002	--
395326090385001	02-24-86	1510	Versailles Well No. 2	17002	17002	--
			Bureau County			
411727089302101	02-04-86	1105	Tiskilwa Well No. 1	17002	17002	--
411727089302102	02-04-86	1150	Tiskilwa Well No. 2	17002	17002	62.00
411928089403902	01-28-86	1150	Buda Well No. 4	17002	17002	--
412109089315401	03-10-87	1045	Prairie View Nursing Home Well No. 2	17002	17002	--
412111089315301	03-10-87	0950	Prairie View Nursing Home Well No. 1	17002	17002	--
412121089441701	01-15-86	1005	Sheffield Well No. 5	17002	17002	--
412123089441701	01-15-86	1120	Sheffield Well No. 4	17002	17002	55.00
412134089105201	01-29-86	1440	Dalzell Well No. 4	17002	17002	--
412136089105201	01-29-86	1410	Dalzell Well No. 5	17002	17002	--
412157089350301	01-15-86	1335	Wyanet Well No. 1	17002	17002	44.00
412219089291301	03-10-87	1145	Hillview Mobile Home Park Well No. 2	17002	17002	--
412220089291201	03-10-87	1130	Hillview Mobile Home Park Well No. 1	17002	17002	--
412222089292101	03-10-87	1205	Hillview Mobile Home Park Well No. 3	17002	17002	--
412232089274801	01-16-86	0900	Princeton Well No. 6	17002	17002	24.00
412232089275101	04-09-85	1230	Princeton Well No. 5	17002	17002	168.00
	10-09-85	1330	Princeton Well No. 5	17002	17002	--
412232089275201	01-30-86	1000	Princeton Well No. 4	17002	17002	--
412242089125201	01-22-86	1455	Ladd Well No. 2	17002	17002	56.00
412340089292301	06-02-87	1327	Maple Acres Mobile Home Park Well No. 1	17002	17002	--
412341089292301	06-02-87	1337	Maple Acres Mobile Home Park Well No. 2	17002	17002	--
412534089215601	01-21-86	1345	Malden Well No. 1	17002	17002	--
412538089215801	01-21-86	1430	Malden Well No. 2	17002	17002	58.00
412608089234501	06-11-86	1105	Dover Well No. 1	17002	17002	--
412703089134401	01-15-86	1525	Cherry Well No. 2	17002	17002	--
	06-12-86	1150	Cherry Well No. 2	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Adams County							
394722091183601	04-01-87	5	--	--	6.90	--	14.5	120	26	9.2	2.1
395158091233801	04-01-87	15	60	--	7.00	--	13.5	100	40	16	1.3
395216091234401	04-07-86	--	280	375	7.10	275	14.5	82	29	9.0	1.0
	04-29-86	--	--	--	--	--	--	--	--	--	--
	12-30-86	170	250	--	--	--	--	--	--	--	--
395223091234901	04-07-86	230	E165	495	7.00	222	13.5	100	39	43	2.0
	04-29-86	--	--	--	--	--	--	--	--	--	--
	12-30-86	15	300	--	7.10	--	15.0	--	--	--	--
395934091232301	04-01-87	10	E10	--	7.10	--	13.5	94	40	10	.6
395938091232401	04-01-87	10	E10	--	7.20	--	14.0	89	41	9.6	.6
400026091242401	04-03-85	170	800	715	6.80	105	13.5	98	36	12	3.2
	04-02-87	20	800	565	6.90	--	13.5	95	34	8.9	1.9
400026091242501	04-02-87	15	800	--	7.00	--	13.0	84	32	8.0	1.3
				Alexander County							
371010089203701	03-27-85	125	E500	515	7.20	-66	16.0	70	25	12	1.5
371407089161901	01-07-86	60	E100	671	7.00	-88	15.0	84	30	19	1.7
371909089255801	03-27-85	30	115	695	7.10	-86	16.5	110	28	11	2.9
				Bond County							
384817089290901	10-16-86	175	E35	500	6.90	-97	14.5	66	25	5.9	.8
				Boone County							
421649088513801	03-20-85	65	930	585	7.10	-76	12.0	73	34	6.6	1.8
	03-20-85	70	930	585	7.10	-76	12.0	73	34	6.6	1.9
	06-05-85	240	995	620	7.50	-100	11.5	--	--	--	--
	10-31-85	360	950	620	7.10	-108	11.5	85	39	8.4	2.1
	12-16-86	145	933	620	7.20	-47	10.5	75	34	7.4	1.1

	12-16-86	150	933	620	7.20	-47	10.5	75	34	7.3	1.2
	05-19-87	50	882	620	7.40	-44	12.5	79	35	8.8	1.2
422046088520901	11-07-85	70	246	640	7.20	-130	10.5	88	44	3.6	.7
	11-07-85	80	246	640	7.20	-130	10.5	88	44	3.6	.7
422157088491001	06-25-86	--	--	--	--	--	--	88	41	9.1	.9
422158088491101	11-07-85	90	179	615	7.40	-140	11.5	81	39	6.0	1.0
422400088435801	06-24-86	5	18	--	--	--	--	120	50	25	.8
422400088435802	06-24-86	E10	18	--	--	--	--	120	50	30	.9
				Brown County							
375417089064701	02-26-86	65	E115	670	6.90	-110	15.0	94	28	31	2.1
395323090385301	02-27-86	440	25	965	6.80	140	13.0	110	61	16	1.1
395326090385001	02-24-86	490	25	810	6.80	156	13.0	100	50	11	1.0
				Bureau County							
411727089302101	02-04-86	1,505	E100	695	7.50	-12	13.0	77	36	24	3.3
411727089302102	02-04-86	40	E150	680	7.50	-31	12.5	74	40	22	2.4
411928089403902	01-28-86	65	E120	595	7.70	-51	13.5	52	36	33	1.7
412109089315401	03-10-87	28	--	600	7.50	-238	12.5	78	33	16	1.9
412111089315301	03-10-87	31	--	625	7.40	-235	12.5	70	31	24	1.8
412121089441701	01-15-86	58	100	740	7.40	-99	12.5	84	45	17	2.6
412123089441701	01-15-86	50	240	1,150	7.30	-155	13.0	130	64	25	2.7
412134089105201	01-29-86	25	--	690	7.20	-23	12.0	93	33	7.3	2.3
412136089105201	01-29-86	--	--	760	7.20	-69	8.0	110	42	7.6	1.4
412157089350301	01-15-86	110	155	710	7.50	--	12.0	79	35	20	2.3
412219089291301	03-10-87	3	--	--	--	--	--	37	18	56	2.3
412220089291201	03-10-87	3	--	--	--	--	--	37	18	56	2.3
412222089292101	03-10-87	--	--	--	--	--	--	39	18	57	2.2
412232089274801	01-16-86	120	--	530	7.60	-58	12.0	48	22	41	2.3
412232089275101	04-09-85	570	300	545	7.60	-152	13.0	51	24	52	2.5
	10-09-85	540	--	525	7.50	-218	13.5	--	--	--	--
412232089275201	01-30-86	--	--	--	--	--	--	47	22	44	1.8
412242089125201	01-22-86	100	430	630	7.30	-20	12.5	70	33	21	1.4
412340089292301	06-02-87	--	E40	--	--	--	--	48	25	36	1.8
412341089292301	06-02-87	--	E40	--	--	--	--	49	25	35	1.9
412534089215601	01-21-86	40	95	665	7.20	-124	12.0	82	31	27	1.6
412538089215801	01-21-86	35	95	715	7.10	-150	12.0	88	34	28	1.9
412608089234501	06-11-86	245	E90	820	6.70	-91	11.0	100	35	32	2.3
412703089134401	01-15-86	85	--	820	7.00	-59	11.5	100	40	13	.9
	06-12-86	>10	100	825	6.60	--	11.5	--	--	--	--

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Adams County						
394722091183601	04-01-87	--	342	45	24	0.1	29	614	7.60	<0.10	0.16
395158091233801	04-01-87	--	366	45	18	.2	29	576	3.30	<.10	.14
395216091234401	04-07-86	--	271	30	18	.2	30	423	5.60	<.10	.07
	04-29-86	--	--	--	--	--	--	--	--	--	--
	12-30-86	--	--	--	--	--	--	--	--	--	--
395223091234901	04-07-86	--	300	67	78	.2	25	588	6.40	<.10	.08
	04-29-86	--	--	--	--	--	--	--	--	--	--
	12-30-86	--	--	--	--	--	--	--	--	--	--
395934091232301	04-01-87	--	310	53	29	.4	20	67	11.0	<.10	.06
395938091232401	04-01-87	--	302	56	29	.5	19	590	9.40	<.10	.05
400026091242401	04-03-85	330	319	48	19	.3	20	451	5.30	.17	.04
	04-02-87	--	305	39	20	.3	20	403	5.00	<.10	.14
400026091242501	04-02-87	--	292	38	8.9	.3	21	351	1.20	<.10	.20
					Alexander County						
371010089203701	03-27-85	272	277	29	5.9	.2	29	347	<.10	<.10	.20
371407089161901	01-07-86	337	320	55	9.5	.1	--	457	<.10	<.10	.10
371909089255801	03-27-85	354	353	49	14	.2	29	474	<.10	.16	.48
					Bond County						
384817089290901	10-16-86	--	236	39	11	.1	16	306	.21	<.10	.21
					Boone County						
421649088513801	03-20-85	264	258	50	18	.1	15	449	2.20	<.10	.02
	03-20-85	264	261	50	18	<.1	15	392	2.30	<.10	.06
	06-05-85	262	--	--	--	--	--	--	--	--	--
	10-31-85	270	260	51	22	.1	15	457	2.70	.14	.01
	12-16-86	--	268	52	21	.1	--	388	1.70	<.10	<.01

	12-16-86	--	270	50	20	.1	--	336	1.60	<.10	.01
	05-19-87	--	270	54	22	<.1	15	520	2.00	<.10	.02
422046088520901	11-07-85	345	340	46	3.1	.1	18	405	.34	<.10	.04
	11-07-85	346	339	46	3.5	.1	18	402	<.10	<.10	.04
422157088491001	06-25-86	297	297	66	33	.1	--	486	<.10	<.10	.01
422158088491101	11-07-85	300	293	56	12	.2	18	432	3.70	<.10	.02
422400088435801	06-24-86	341	341	55	90	.1	18	632	5.90	<.10	<.01
422400088435802	06-24-86	361	361	46	99	.1	17	656	2.00	<.10	<.01
					Brown County						
375417089064701	02-26-86	331	321	60	47	.2	18	480	<.10	<.10	.12
395323090385301	02-27-86	425	444	100	33	.2	20	634	2.70	<.10	.01
395326090385001	02-24-86	396	407	79	17	.2	18	532	.94	<.10	.01
					Bureau County						
411727089302101	02-04-86	386	374	25	10	.3	19	447	<.10	1.10	.10
411727089302102	02-04-86	421	410	<10	1.5	.4	19	425	<.10	1.20	.08
411928089403902	01-28-86	371	371	<10	<1.0	.6	12	342	<.10	1.30	.14
412109089315401	03-10-87	374	--	<10	1.4	.2	--	395	<.10	1.10	.17
412111089315301	03-10-87	--	365	<10	<1.0	.3	22	378	<.10	.79	.08
412121089441701	01-15-86	399	393	50	7.1	.4	--	507	.12	.81	<.01
412123089441701	01-15-86	410	393	230	31	.3	--	769	.10	.88	.03
412134089105201	01-29-86	330	341	57	11	.2	8.6	431	<.10	<.10	.04
412136089105201	01-29-86	341	353	110	15	.2	11	529	2.20	<.10	.03
412157089350301	01-15-86	423	402	<10	4.2	.5	--	463	.10	3.20	.26
412219089291301	03-10-87	--	294	<10	1.2	.7	13	273	<.10	2.20	.13
412220089291201	03-10-87	--	294	<10	1.2	.7	--	273	<.10	2.20	.13
412222089292101	03-10-87	--	300	<10	1.1	.7	--	317	<.10	2.30	.15
412232089274801	01-16-86	328	311	<10	2.0	.5	--	333	<.10	1.20	.34
412232089275101	04-09-85	318	302	<10	1.6	.5	13	317	<.10	1.10	.36
	10-09-85	320	--	--	--	--	--	--	--	--	--
412232089275201	01-30-86	--	318	<10	2.6	.5	14	318	<.10	1.20	.34
412242089125201	01-22-86	350	361	<10	9.9	.5	18	395	<.10	1.20	.19
412340089292301	06-02-87	--	310	<10	1.2	.5	13	307	<.10	1.70	.38
412341089292301	06-02-87	--	309	<10	1.1	.5	14	302	<.10	1.60	.43
412534089215601	01-21-86	404	401	<10	<1.0	.4	24	422	.12	2.00	.51
412538089215801	01-21-86	436	447	<10	<1.0	.4	25	450	2.30	2.70	.61
412608089234501	06-11-86	464	464	<10	<1.0	.3	--	457	<.10	6.00	.46
412703089134401	01-15-86	333	317	80	43	.2	--	626	<.10	.12	.03
	06-12-86	--	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Adams County						
394722091183601	04-01-87	150	<1	100	<0.5	<50	7	<5	20	16	<50
395158091233801	04-01-87	90	<1	100	<.5	<50	<3	<5	<5	5	<50
395216091234401	04-07-86	<50	<1	80	<.5	<50	<3	<5	<5	<5	<50
	04-29-86	--	--	--	--	--	--	--	--	--	--
	12-30-86	--	--	--	--	--	--	--	--	--	--
395223091234901	04-07-86	<50	<1	200	<.5	80	3	<5	<5	<5	<50
	04-29-86	--	--	--	--	--	--	--	--	--	--
	12-30-86	--	--	--	--	--	--	--	--	--	--
395934091232301	04-01-87	150	<1	300	<.5	<50	5	<5	20	170	<50
395938091232401	04-01-87	140	<1	300	<.5	<50	6	<5	20	16	150
400026091242401	04-03-85	<50	<1	200	<1.0	<50	<3	<5	<5	7	<50
	04-02-87	60	<1	200	<.5	<50	<3	<5	<5	16	<50
400026091242501	04-02-87	60	<1	100	<.5	<50	<3	<5	<5	6	<50
					Alexander County						
371010089203701	03-27-85	<50	3	100	<.5	<50	<3	<5	<5	<5	3,000
371407089161901	01-07-86	<50	2	70	<.5	<50	<3	<5	<5	17	880
371909089255801	03-27-85	<50	<1	600	<.5	<50	<3	<5	<5	<5	6,400
					Bond County						
384817089290901	10-16-86	<50	<1	80	<.5	<50	<3	<5	<5	<5	2,900
					Boone County						
421649088513801	03-20-85	<50	<1	40	<.5	<50	<3	<5	<5	<5	610
	03-20-85	<50	<1	40	<.5	<50	<3	<5	<5	<5	610
	06-05-85	--	--	--	--	--	--	--	--	--	--
	10-31-85	60	<1	40	<.5	<50	<3	<5	<5	<5	630
	12-16-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	640

	12-16-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	640
	05-19-87	<50	<1	50	<.5	<50	<3	<5	7	<5	610
422046088520901	11-07-85	<50	<1	50	<.5	<50	<3	<5	<5	<5	1,100
	11-07-85	<50	<1	50	<.5	<50	<3	<5	<5	<5	1,100
422157088491001	06-25-86	<50	<1	60	<1.0	<50	<3	<5	<5	57	1,000
422158088491101	11-07-85	<50	<1	40	<.5	<50	<3	<5	<5	<5	880
422400088435801	06-24-86	90	<1	50	<2.0	<50	<3	<5	<5	29	420
422400088435802	06-24-86	60	<1	50	<2.0	<50	<3	<5	<5	<5	<50
					Brown County						
375417089064701	02-26-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	2,500
395323090385301	02-27-86	<50	<1	70	<.5	50	<3	<5	6	<5	<50
395326090385001	02-24-86	<50	<1	60	<.5	<50	<3	<5	5	9	<50
					Bureau County						
411727089302101	02-04-86	<50	6	200	<.5	170	<3	<5	6	<5	2,600
411727089302102	02-04-86	370	22	300	<.5	140	<3	<5	<5	<5	3,800
411928089403902	01-28-86	<50	38	100	<.5	290	<3	7	6	7	2,200
412109089315401	03-10-87	<50	61	1,000	<.5	110	<3	<5	6	<5	4,400
412111089315301	03-10-87	<50	55	1,100	<.5	190	<3	<5	5	16	3,300
412121089441701	01-15-86	<50	<1	100	<.5	130	<3	<5	<5	<5	180
412123089441701	01-15-86	<50	2	100	<.5	210	<3	<5	<5	<5	3,300
412134089105201	01-29-86	<50	2	100	<.5	50	<3	<5	<5	<5	800
412136089105201	01-29-86	<50	1	200	<.5	<50	<3	<5	<5	<5	1,000
412157089350301	01-15-86	<50	52	1,100	<.5	230	<3	<5	<5	<5	4,600
412219089291301	03-10-87	<50	49	400	<.5	370	<3	<5	<5	16	1,400
412220089291201	03-10-87	<50	49	400	<.5	370	<3	<5	<5	16	1,400
412222089292101	03-10-87	<50	31	300	<.5	370	<3	<5	<5	<5	2,600
412232089274801	01-16-86	<50	22	200	<.5	180	<3	<5	<5	<5	3,800
412232089275101	04-09-85	<50	25	200	<.5	200	<3	<5	<5	<5	2,900
	10-09-85	--	--	--	--	--	--	--	--	--	--
412232089275201	01-30-86	<50	27	100	<.5	200	<3	5	7	6	2,500
412242089125201	01-22-86	<50	10	100	<.5	80	<3	<5	<5	<5	1,900
412340089292301	06-02-87	<50	31	200	4.0	140	<3	<5	<5	68	2,200
412341089292301	06-02-87	<50	30	200	4.0	140	<3	<5	<5	<5	2,600
412534089215601	01-21-86	<50	8	100	<.5	130	<3	8	<5	<5	4,200
412538089215801	01-21-86	<50	7	100	<.5	140	<3	<5	<5	<5	3,900
412608089234501	06-11-86	<50	3	200	<2.0	180	<3	8	<5	<5	7,200
412703089134401	01-15-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	2,500
	06-12-86	--	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Adams County						
394722091183601	04-01-87	<5	<5	<0.05	28	2	22	120	22	<50	<0.01
395158091233801	04-01-87	<5	<5	<.05	<5	4	<3	170	7	<50	<.01
395216091234401	04-07-86	<5	11	<.01	<5	5	<3	140	<5	<50	<.01
	04-29-86	--	--	--	--	--	--	--	--	--	--
	12-30-86	--	--	--	--	--	--	--	--	--	--
395223091234901	04-07-86	<5	19	<.01	<5	13	<3	150	5	<50	<.01
	04-29-86	--	--	--	--	--	--	--	--	--	--
	12-30-86	--	--	--	--	--	--	--	--	--	--
395934091232301	04-01-87	260	<5	<.05	26	1	17	140	18	<100	<.01
395938091232401	04-01-87	<5	6	<.05	29	1	19	130	21	<50	<.01
400026091242401	04-03-85	<5	<5	<.10	5	3	<3	160	<5	<50	<.01
	04-02-87	<5	<5	<.05	<5	2	<3	140	<5	<50	<.01
400026091242501	04-02-87	<5	<5	<.05	<5	2	<3	120	<5	<50	<.01
					Alexander County						
371010089203701	03-27-85	5	290	<.10	5	<1	<3	130	<5	<50	<.01
371407089161901	01-07-86	<5	73	<.01	<5	<1	<3	150	<5	<50	<.01
371909089255801	03-27-85	<5	220	<.10	<5	<1	<3	390	<5	<50	<.01
					Bond County						
384817089290901	10-16-86	<5	750	<.05	<5	<1	<3	100	<5	<100	<.01
					Boone County						
421649088513801	03-20-85	<5	70	<.01	<5	<1	<3	80	<5	<50	<.01
	03-20-85	<5	70	<.01	<5	<1	<3	80	<5	<50	<.01
	06-05-85	--	--	--	--	--	--	--	--	--	--
	10-31-85	<5	87	.08	<5	1	<3	80	<5	<50	<.01
	12-16-86	<5	74	<.05	<5	<1	<3	80	<5	<50	<.01

	12-16-86	<5	74	<.05	<5	<1	<3	70	<5	<50	<.01
	05-19-87	<5	74	<.05	5	<1	<3	90	<5	<50	<.01
422046088520901	11-07-85	<5	41	<.01	<5	<1	<3	80	<5	<50	<.01
	11-07-85	<5	41	<.01	<5	<1	<3	80	<5	<50	<.01
422157088491001	06-25-86	8	65	<.01	6	<1	<3	80	<5	220	<.01
422158088491101	11-07-85	<5	50	.08	<5	<1	<3	80	<5	<50	<.01
422400088435801	06-24-86	<5	13	<.01	11	<1	<3	110	7	350	<.01
422400088435802	06-24-86	<5	<5	<.01	8	<1	<3	120	<5	<100	<.01
					Brown County						
375417089064701	02-26-86	<5	480	<.01	<5	<1	<3	140	<5	<50	<.01
395323090385301	02-27-86	<5	<5	<.01	<5	2	<3	170	<5	<50	<.01
395326090385001	02-24-86	<5	<5	<.01	<5	2	<3	150	<5	<50	<.01
					Bureau County						
411727089302101	02-04-86	<5	160	<.01	<5	<1	<3	600	<5	<50	<.01
411727089302102	02-04-86	<5	190	<.01	<5	<1	<3	880	<5	<50	<.01
411928089403902	01-28-86	<5	22	<.01	8	<1	8	1,600	6	<50	<.01
412109089315401	03-10-87	<5	580	<.05	<5	<1	<3	410	<5	<50	<.01
412111089315301	03-10-87	<5	720	.12	<5	<1	<3	480	<5	<50	<.01
412121089441701	01-15-86	<5	130	<.01	<5	<1	<3	970	<5	<50	<.01
412123089441701	01-15-86	<5	100	<.01	<5	<1	<3	980	<5	<50	<.01
412134089105201	01-29-86	<5	370	<.01	8	1	4	130	<5	<50	<.01
412136089105201	01-29-86	<5	180	<.01	<5	<1	<3	160	<5	<50	<.01
412157089350301	01-15-86	<5	640	<.01	<5	<1	<3	810	<5	<50	<.01
412219089291301	03-10-87	<5	220	<.05	<5	<1	<3	360	<5	220	<.01
412220089291201	03-10-87	<5	220	<.05	<5	<1	<3	360	<5	220	<.01
412222089292101	03-10-87	<5	180	<.05	<5	<1	<3	470	<5	370	<.01
412232089274801	01-16-86	<5	100	<.01	<5	<1	<3	330	<5	<50	<.01
412232089275101	04-09-85	<5	93	<.10	6	<1	<3	240	<5	<50	<.01
	10-09-85	--	--	--	--	--	--	--	--	--	--
412232089275201	01-30-86	<5	78	<.01	6	1	7	250	5	<50	<.01
412242089125201	01-22-86	<5	19	<.01	<5	<1	<3	380	<5	<50	<.01
412340089292301	06-02-87	<5	85	<.05	<5	<1	<3	270	<5	<50	<.01
412341089292301	06-02-87	<5	90	<.05	<5	<1	<3	230	5	<100	<.01
412534089215601	01-21-86	<5	47	<.01	<5	<1	<3	330	<5	<50	<.01
412538089215801	01-21-86	<5	57	<.01	<5	1	<3	350	<5	<50	<.01
412608089234501	06-11-86	<5	81	<.01	<5	<1	<3	290	<5	<50	<.01
412703089134401	01-15-86	<5	430	<.01	<5	<1	<3	150	<5	<50	<.01
	06-12-86	--	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Adams County					
394722091183601	04-01-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395158091233801	04-01-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395216091234401	04-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-29-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-30-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395223091234901	04-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-29-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-30-86	--	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0
395934091232301	04-01-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395938091232401	04-01-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400026091242401	04-03-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	04-02-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400026091242501	04-02-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Alexander County					
371010089203701	03-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
371407089161901	01-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
371909089255801	03-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
					Bond County					
384817089290901	10-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Boone County					
421649088513801	03-20-85	<5	--	--	--	--	--	--	--	--
	03-20-85	<5	--	--	--	--	--	--	--	--
	06-05-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

	12-16-86	<5	--	--	--	--	--	--	--	--
	05-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422046088520901	11-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	11-07-85	5	--	--	--	--	--	--	--	--
422157088491001	06-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422158088491101	11-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422400088435801	06-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422400088435802	06-24-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
					Brown County					
375417089064701	02-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395323090385301	02-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395326090385001	02-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Bureau County					
411727089302101	02-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
411727089302102	02-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
411928089403902	01-28-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412109089315401	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412111089315301	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412121089441701	01-15-86	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412123089441701	01-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412134089105201	01-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412136089105201	01-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412157089350301	01-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412219089291301	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412220089291201	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412222089292101	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412232089274801	01-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412232089275101	04-09-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-09-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412232089275201	01-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412242089125201	01-22-86	5	--	--	--	--	--	--	--	--
412340089292301	06-02-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412341089292301	06-02-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412534089215601	01-21-86	<5	--	--	--	--	--	--	--	--
412538089215801	01-21-86	<5	--	--	--	--	--	--	--	--
412608089234501	06-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412703089134401	01-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-12-86	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Adams County					
394722091183601	04-01-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395158091233801	04-01-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395216091234401	04-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-29-86	<1.0	<1.0	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-30-86	<1.0	<1.0	3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395223091234901	04-07-86	<1.0	<1.0	5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395934091232301	04-01-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395938091232401	04-01-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400026091242401	04-03-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-02-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400026091242501	04-02-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Alexander County					
371010089203701	03-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
371407089161901	01-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
371909089255801	03-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Bond County					
384817089290901	10-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Boone County					
421649088513801	03-20-85	--	--	--	--	--	--	--	--	--
	03-20-85	--	--	--	--	--	--	--	--	--
	06-05-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

	12-16-86	--	--	--	--	--	--	--	--	--
	05-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422046088520901	11-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-07-85	--	--	--	--	--	--	--	--	--
422157088491001	06-25-86	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422158088491101	11-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422400088435801	06-24-86	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422400088435802	06-24-86	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Brown County					
375417089064701	02-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
395323090385301	02-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395326090385001	02-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Bureau County					
411727089302101	02-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411727089302102	02-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411928089403902	01-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412109089315401	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412111089315301	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412121089441701	01-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412123089441701	01-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412134089105201	01-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412136089105201	01-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412157089350301	01-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412219089291301	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412220089291201	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412222089292101	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412232089274801	01-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412232089275101	04-09-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-09-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412232089275201	01-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412242089125201	01-22-86	--	--	--	--	--	--	--	--	--
412340089292301	06-02-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412341089292301	06-02-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412534089215601	01-21-86	--	--	--	--	--	--	--	--	--
412538089215801	01-21-86	--	--	--	--	--	--	--	--	--
412608089234501	06-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412703089134401	01-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-12-86	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Bureau County--Continued			
412703089134402	06-12-86	1125	Cherry Well No. 1	17002	17002	--
412721089401201	01-28-86	1455	Manlius Well No. 2	17002	17002	155.00
412724089401401	01-28-86	1410	Manlius Well No. 3	17002	17002	111.00
412827089145201	01-16-86	1110	Arlington Well No. 3	17002	17002	31.00
	06-26-86	1350	Arlington Well No. 3	17002	17002	--
412827089145202	06-26-86	1400	Arlington Well No. 2	17002	17002	--
413147089165501	01-09-86	1130	La Moille Well No. 2	17002	17002	62.00
413147089165701	01-09-86	1245	La Moille Well No. 3	17002	17002	--
413323089275201	02-20-86	1045	Ohio Well No. 5	17002	17002	--
	06-26-86	1200	Ohio Well No. 5	17002	17002	--
413328089274501	02-20-86	1005	Ohio Well No. 4	17002	17002	--
413330089353701	01-22-86	1025	Walnut Well No. 5	17002	17002	114.00
	06-02-87	1035	Walnut Well No. 5	17002	17002	--
413335089353601	06-02-87	1005	Walnut Well No. 7	17002	17002	--
413336089353601	01-22-86	1140	Walnut Well No. 6	17002	17002	--
	06-02-87	1110	Walnut Well No. 6	17002	17002	--
			Calhoun County			
385658090345901	03-05-86	1245	Brussels Well No. 1	17002	17002	--
390155090373401	03-05-86	1055	Batchtown Well No. 1 (TW 2-66)	17002	17002	--
390155090373402	03-05-86	1140	Batchtown Well No. 2	17002	17002	--
390919090370201	04-15-87	0940	Hardin Well No. 2	17002	17002	--
390921090370101	04-15-87	1000	Hardin Well No. 1	17002	17002	--
391702090363301	03-06-86	1025	Kampsville Well No. 2	17002	17002	--
391703090362501	03-06-86	0940	Kampsville Well No. 3	17002	17002	--
			Carroll County			
415737090061001	04-02-85	1200	Thomson Well No. 4	81700	17002	54.50

Cass County

395311090224201	02-26-86	1115	Arenzville Well No. 1	17002	17002	36.00
	05-20-87	1005	Arenzville Well No. 1	17002	17002	--
395311090224202	02-26-86	1155	Arenzville Well No. 2	17002	17002	32.00
	07-22-86	1050	Arenzville Well No. 2	17002	17002	24.00
	04-14-87	1140	Arenzville Well No. 2	17002	17002	--
400018090242501	08-07-86	1040	Beardstown Well No. 11	17002	17002	--
400023090245501	08-07-86	1215	Beardstown Well No. 16	17002	17002	--
400023090250101	08-07-86	1145	Beardstown Well No. 15	17002	17002	--
400025090244401	02-26-85	1620	Beardstown Well No. 13	81700	17002	24.00
	02-26-85	1625	Beardstown Well No. 13	81700	17002	24.00
400026090245701	08-07-86	1300	Beardstown Well No. 14	17002	17002	--
400300090092801	03-27-86	1205	Chandlerville Well No. 2	17002	17002	--
	08-05-86	1020	Chandlerville Well No. 2	17002	17002	--
	10-08-86	1005	Chandlerville Well No. 2	17002	17002	--
	04-14-87	1025	Chandlerville Well No. 2	17002	17002	--
	06-30-87	1430	Chandlerville Well No. 2	17002	17002	--

Champaign County

395437088000001	05-14-86	1705	Broadlands Well No. 2	17002	17002	--
395454088162801	04-28-86	1415	Pesotum Well No. 1	17002	17002	--
395454088162802	04-28-86	1335	Pesotum Well No. 2	17002	17002	--
395639088272701	06-27-86	1150	Ivesdale Well No. 1	17002	17002	--
395755088203201	04-30-86	0935	Sadorus Well No. 3	17002	17002	--
395759088203101	04-30-86	1000	Sadorus Well No. 2	17002	17002	--
395914088145601	04-29-86	1135	Tolono Well No. 11	17002	17002	--
395915088145201	04-29-86	1040	Tolono Well No. 9	17002	17002	--
	04-29-86	1045	Tolono Well No. 9	17002	17002	--
395917088144601	04-29-86	0950	Tolono Well No. 12	17002	17002	--
400118088044301	05-13-86	1220	Sidney Well No. 2	17002	17002	42.00
400123088042001	05-13-86	1255	Sidney Well No. 4	17002	17002	30.00
400124088041801	05-13-86	1135	Sidney Well No. 3	17002	17002	29.00
400148087575601	05-14-86	0930	Homer Well No. 2	17002	17002	--
400154087574601	05-14-86	1050	Homer Well No. 1	17002	17002	--
400622088025401	03-12-87	1245	St. Joseph Well No. 4	17002	17002	--
	03-12-87	1250	St. Joseph Well No. 4	17002	17002	--
400639088023301	03-12-87	1135	St. Joseph Well No. 5	17002	17002	--
400639088024101	03-12-87	1205	St. Joseph Well No. 6	17002	17002	--
400647087571901	05-14-86	1000	Ogden Well No. 1	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Bureau County--Continued							
412703089134402	06-12-86	265	90	830	7.10	-126	11.0	120	41	17	0.5
412721089401201	01-28-86	33	148	675	7.40	48	12.0	84	33	13	1.9
412724089401401	01-28-86	35	112	675	7.40	30	12.0	88	33	11	1.8
412827089145201	01-16-86	55	80	640	7.30	-43	11.5	77	37	7.5	1.4
	06-26-86	20	80	645	7.10	--	14.5	--	--	--	--
412827089145202	06-26-86	>1,440	15	625	7.10	--	12.5	83	37	8.5	1.3
413147089165501	01-09-86	60	E140	510	7.40	-170	12.5	44	20	41	1.7
413147089165701	01-09-86	59	E240	525	7.40	-168	12.5	44	20	39	1.7
413323089275201	02-20-86	40	250	--	--	--	--	41	19	43	1.8
	06-26-86	60	250	--	--	--	--	--	--	--	--
413328089274501	02-20-86	25	E250	465	7.80	-114	13.0	35	16	51	1.8
413330089353701	01-22-86	42	265	550	7.30	-25	12.0	69	28	10	1.3
	06-02-87	21	265	275	7.40	-192	13.0	--	--	--	--
413335089353601	06-02-87	25	425	270	7.40	-183	13.0	71	27	8.5	1.0
413336089353601	01-22-86	40	--	550	7.30	-44	12.5	69	27	9.6	1.1
	06-02-87	22	--	270	7.40	-270	13.5	--	--	--	--
				Calhoun County							
385658090345901	03-05-86	345	E90	720	6.90	-116	14.0	99	40	7.2	1.0
390155090373401	03-05-86	175	E50	730	6.90	-105	14.5	110	38	6.9	1.3
390155090373402	03-05-86	940	35	720	7.00	-119	14.5	100	38	6.3	1.1
390919090370201	04-15-87	25	180	775	7.00	--	15.0	97	41	22	2.3
390921090370101	04-15-87	20	140	710	7.00	--	16.0	84	32	29	3.0
391702090363301	03-06-86	265	90	820	6.90	-68	14.0	110	47	15	.7
391703090362501	03-06-86	80	120	675	7.00	-137	13.5	97	31	13	1.1
				Carroll County							
415737090061001	04-02-85	E60	--	515	7.00	-94	12.0	56	20	16	3.8

					Cass County						
395311090224201	02-26-86	255	110	700	7.10	16	14.0	88	37	7.4	4.3
	05-20-87	35	110	--	7.00	--	17.0	--	--	--	--
395311090224202	02-26-86	955	110	760	7.10	52	14.0	85	38	10	9.2
	07-22-86	35	110	645	7.10	16	14.0	90	38	9.9	8.7
	04-14-87	--	--	--	--	--	--	--	--	--	--
400018090242501	08-07-86	--	600	600	7.00	-152	14.5	72	32	11	.8
400023090245501	08-07-86	315	700	560	7.30	-177	14.0	67	23	21	1.0
400023090250101	08-07-86	285	700	965	6.90	-155	14.5	90	29	87	6.1
400025090244401	02-26-85	110	900	630	6.80	-160	15.0	71	25	22	1.1
	02-26-85	115	900	630	6.80	-160	15.0	72	25	25	1.2
400026090245701	08-07-86	--	700	895	7.00	-178	14.5	82	28	73	2.0
400300090092801	03-27-86	280	135	550	6.90	-42	12.5	100	40	29	18
	08-05-86	200	125	890	7.00	13	14.0	97	38	30	16
	10-08-86	--	--	--	--	--	--	--	--	--	--
	04-14-87	--	--	--	--	--	--	--	--	--	--
	06-30-87	30	125	--	--	--	--	--	--	--	--
					Champaign County						
395437088000001	05-14-86	25	35	490	7.30	-157	13.0	51	17	70	1.0
395454088162801	04-28-86	45	E80	545	7.20	-170	14.5	49	19	93	1.4
395454088162802	04-28-86	335	E80	525	7.10	-171	14.5	51	20	94	1.4
395639088272701	06-27-86	30	--	725	7.00	-142	16.0	92	34	34	1.8
395755088203201	04-30-86	35	E40	450	7.30	-140	13.0	63	25	74	1.4
395759088203101	04-30-86	20	E40	440	7.20	-156	14.0	59	24	84	1.3
395914088145601	04-29-86	155	E65	705	6.80	-126	14.0	89	32	120	4.0
395915088145201	04-29-86	100	E155	715	6.60	-125	13.5	110	40	120	4.8
	04-29-86	105	E175	715	6.70	-125	13.5	110	39	120	4.9
395917088144601	04-29-86	1,040	E155	575	6.80	-120	13.5	83	31	99	3.0
400118088044301	05-13-86	30	E90	555	7.00	-172	14.0	52	21	71	1.1
400123088042001	05-13-86	30	E120	560	7.20	-168	13.5	76	31	52	1.5
400124088041801	05-13-86	35	E30	490	7.30	-155	14.0	59	24	78	2.1
400148087575601	05-14-86	150	E90	505	7.20	-182	13.0	67	27	63	1.6
400154087574601	05-14-86	95	--	570	7.10	-180	13.5	77	32	60	2.1
400622088025401	03-12-87	25	E110	220	7.20	-103	15.0	68	28	41	1.5
	03-12-87	30	E110	220	7.20	-103	15.0	69	28	41	1.5
400639088023301	03-12-87	35	E110	235	6.40	--	14.5	77	30	30	1.7
400639088024101	03-12-87	65	E110	240	7.20	--	14.0	75	30	34	1.7
400647087571901	05-14-86	45	80	650	7.30	-84	13.5	91	36	17	1.3

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Bureau County--Continued						
412703089134402	06-12-86	306	306	86	50	0.2	--	493	<0.10	<0.10	0.03
412721089401201	01-28-86	416	398	<10	<1.0	.3	27	396	.14	1.60	.22
412724089401401	01-28-86	418	395	<10	<1.0	.2	27	394	<.10	1.30	.27
412827089145201	01-16-86	293	293	67	5.1	.3	--	441	<.10	<.10	.04
	06-26-86	--	--	--	--	--	--	--	--	--	--
412827089145202	06-26-86	290	290	61	4.2	.3	--	420	<.10	.10	.04
413147089165501	01-09-86	290	290	<10	1.5	.5	--	309	<.10	1.10	.19
413147089165701	01-09-86	297	297	<10	1.5	.5	--	352	<.10	1.10	.12
413323089275201	02-20-86	--	300	<10	1.2	.6	13	297	<.10	1.90	.52
	06-26-86	--	--	--	--	--	--	--	--	--	--
413328089274501	02-20-86	281	286	<10	1.1	.7	12	297	<.10	1.90	.26
413330089353701	01-22-86	328	322	<10	<1.0	.3	24	339	1.20	1.20	.25
	06-02-87	--	--	--	--	--	--	--	--	--	--
413335089353601	06-02-87	--	301	<10	<1.0	.2	22	303	.10	.95	.22
413336089353601	01-22-86	332	318	<10	<1.0	.2	25	335	<.10	1.30	.18
	06-02-87	--	--	--	--	--	--	--	--	--	--
					Calhoun County						
385658090345901	03-05-86	387	388	35	3.8	.3	28	452	<.10	.13	.17
390155090373401	03-05-86	346	352	68	11	.2	27	471	<.10	.23	.14
390155090373402	03-05-86	323	329	77	12	.2	28	459	<.10	.21	.13
390919090370201	04-15-87	--	324	53	36	.3	21	499	.75	.46	.08
390921090370101	04-15-87	--	252	70	49	.4	18	489	.40	.83	.26
391702090363301	03-06-86	375	380	57	30	.2	20	513	.74	.14	.03
391703090362501	03-06-86	290	287	63	30	.2	16	452	<.10	.47	.09
					Carroll County						
415737090061001	04-02-85	168	161	42	26	.1	23	307	4.30	<.10	.61

Cass County

395311090224201	02-26-86	291	298	38	20	.2	20	431	9.10	<.10	.04
	05-20-87	--	--	--	--	--	--	--	--	--	--
395311090224202	02-26-86	282	294	40	13	.2	17	468	19.0	<.10	.04
	07-22-86	294	294	38	13	.2	--	530	19.0	<.10	.04
	04-14-87	--	--	--	--	--	--	--	--	--	--
400018090242501	08-07-86	276	276	33	7.0	.2	--	159	<.10	<.10	.07
400023090245501	08-07-86	211	211	42	37	.1	--	446	<.10	<.10	.04
400023090250101	08-07-86	285	285	46	140	.1	--	680	<.10	.23	.04
400025090244401	02-26-85	232	219	78	29	.1	14	395	<.10	<.10	.05
	02-26-85	232	223	78	29	.1	14	400	<.10	.10	.05
400026090245701	08-07-86	246	246	67	110	.1	--	561	<.10	<.10	.05
400300090092801	03-27-86	282	283	75	64	.1	15	616	14.0	.17	.01
	08-05-86	--	285	64	61	.1	--	592	13.0	.23	.01
	10-08-86	--	--	--	--	--	--	--	--	--	--
	04-14-87	--	--	--	--	--	--	--	--	--	--
	06-30-87	--	--	--	--	--	--	--	13.0	.54	--

Champaign County

395437088000001	05-14-86	--	356	<10	4.2	.1	--	370	<.10	1.70	.13
395454088162801	04-28-86	--	404	<10	6.4	.6	19	439	<.10	1.90	.28
395454088162802	04-28-86	--	401	<10	6.4	.6	19	420	<.10	2.00	.24
395639088272701	06-27-86	423	423	<10	6.3	.5	--	439	<.10	1.40	.13
395755088203201	04-30-86	--	413	<10	5.3	.4	19	412	<.10	1.20	.18
395759088203101	04-30-86	--	424	<10	7.3	.5	18	437	<.10	1.30	.18
395914088145601	04-29-86	--	639	<10	5.9	.3	23	696	<.10	9.70	.30
395915088145201	04-29-86	--	771	<10	5.5	.3	26	736	<.10	14.0	.28
	04-29-86	--	760	<10	5.5	.3	26	733	<.10	14.0	.29
395917088144601	04-29-86	--	566	<10	7.2	.4	22	429	<.10	7.20	.29
400118088044301	05-13-86	--	398	16	18	.4	17	423	<.10	3.70	.43
400123088042001	05-13-86	--	417	<10	21	.4	17	417	<.10	3.00	.47
400124088041801	05-13-86	--	362	<10	10	.5	16	392	<.10	.82	.17
400148087575601	05-14-86	--	388	26	19	.5	17	422	<.10	1.70	.11
400154087574601	05-14-86	--	382	36	24	.5	17	450	<.10	1.60	.20
400622088025401	03-12-87	--	362	<10	5.3	.4	18	396	<.10	.89	.13
	03-12-87	--	364	<10	5.4	.4	18	411	<.10	.76	.12
400639088023301	03-12-87	--	379	<10	2.8	.4	21	420	<.10	1.10	.13
400639088024101	03-12-87	--	371	<10	5.4	.4	21	427	.11	1.60	.14
400647087571901	05-14-86	--	367	41	15	.3	18	425	<.10	.88	.07

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Bureau County--Continued							
412703089134402	06-12-86	80	<1	100	<2.0	50	<3	8	<5	53	4,600
412721089401201	01-28-86	<50	45	1,000	<.5	120	<3	<5	<5	<5	6,100
412724089401401	01-28-86	<50	51	1,000	<.5	80	<3	<5	6	<5	8,500
412827089145201	01-16-86	<50	<1	70	<.5	<50	<3	<5	<5	<5	1,500
	06-26-86	--	--	--	--	--	--	--	--	--	--
412827089145202	06-26-86	<50	<1	70	<1.0	60	<3	<5	<5	5	2,100
413147089165501	01-09-86	<50	2	70	<.5	200	<3	<5	<5	<5	1,500
413147089165701	01-09-86	<50	1	70	<.5	200	<3	<5	<5	<5	1,500
413323089275201	02-20-86	<50	19	60	<.5	300	<3	<5	<5	75	1,100
	06-26-86	--	--	--	--	--	--	--	--	--	--
413328089274501	02-20-86	<50	20	70	<.5	340	<3	<5	<5	<5	2,000
413330089353701	01-22-86	290	11	100	<1.0	60	<3	10	<5	<5	5,100
	06-02-87	--	--	--	--	--	--	--	--	--	--
413335089353601	06-02-87	<50	8	90	3.0	<50	<3	<5	<5	<5	4,600
413336089353601	01-22-86	<50	11	100	<.5	60	<3	<5	<5	<5	5,200
	06-02-87	--	--	--	--	--	--	--	--	--	--
				Calhoun County							
385658090345901	03-05-86	<50	1	100	<.5	<50	<3	<5	5	<5	4,100
390155090373401	03-05-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	3,400
390155090373402	03-05-86	<50	<1	100	<.5	<50	<3	<5	5	<5	3,200
390919090370201	04-15-87	<50	<1	70	<.5	50	<3	<5	6	9	<50
390921090370101	04-15-87	<50	5	100	<.5	100	<3	<5	7	460	1,200
391702090363301	03-06-86	<50	<1	90	<.5	<50	<3	<5	<5	<5	740
391703090362501	03-06-86	<50	19	400	<.5	<50	<3	<5	5	<5	4,700
				Carroll County							
415737090061001	04-02-85	<50	1	60	<.5	<50	<3	<5	<5	<5	1,700

Cass County

395311090224201	02-26-86	<50	<1	70	<1.0	<50	<3	<5	<5	<5	90
	05-20-87	--	--	--	--	--	--	--	--	--	--
395311090224202	02-26-86	<50	<1	90	<.5	50	<3	<5	6	<5	<50
	07-22-86	<50	<1	80	<.5	<50	<3	<5	<5	<5	<50
	04-14-87	--	--	--	--	--	--	--	--	--	--
400018090242501	08-07-86	<50	<1	70	<1.0	<50	<3	7	7	<5	1,800
400023090245501	08-07-86	<50	<1	60	<.5	<50	<3	<5	<5	<5	1,400
400023090250101	08-07-86	<50	<1	200	<.5	140	<3	<5	<5	<5	2,300
400025090244401	02-26-85	<50	<1	60	<.5	160	<3	<5	<5	<5	1,600
	02-26-85	<50	<1	70	<.5	160	<3	<5	<5	<5	1,600
400026090245701	08-07-86	<50	<1	100	<.5	180	<3	<5	<5	<5	1,900
400300090092801	03-27-86	<50	<1	90	<.5	220	<3	<5	<5	<5	60
	08-05-86	<50	<1	90	<1.0	200	<3	<5	<5	<5	<50
	10-08-86	--	--	--	--	--	--	--	--	--	--
	04-14-87	--	--	--	--	--	--	--	--	--	--
	06-30-87	--	--	--	--	--	--	--	--	--	--

Champaign County

395437088000001	05-14-86	<50	2	300	<.5	1,400	<3	<5	<5	<5	1,100
395454088162801	04-28-86	<50	4	200	<.5	590	<3	<5	<5	<5	1,100
395454088162802	04-28-86	<50	2	200	<.5	480	<3	<5	<5	<5	1,100
395639088272701	06-27-86	<50	<1	100	<2.0	400	<3	6	<5	<5	2,100
395755088203201	04-30-86	<50	14	200	<1.0	680	<3	<5	<5	<5	1,600
395759088203101	04-30-86	<50	17	200	<.5	550	<3	<5	6	<5	1,600
395914088145601	04-29-86	<50	55	400	<.5	860	<3	<5	<5	<5	3,900
395915088145201	04-29-86	<50	38	500	<.5	970	<3	<5	<5	<5	4,700
	04-29-86	<50	37	500	<.5	970	<3	<5	<5	9	4,600
395917088144601	04-29-86	<50	60	300	<.5	590	<3	<5	6	<5	3,500
400118088044301	05-13-86	<50	5	100	<.5	1,100	<3	<5	<5	<5	1,600
400123088042001	05-13-86	<50	3	200	<.5	590	<3	<5	<5	<5	4,100
400124088041801	05-13-86	<50	11	100	<.5	1,400	<3	<5	<5	<5	3,500
400148087575601	05-14-86	<50	2	100	<.5	680	<3	<5	<5	6	370
400154087574601	05-14-86	<50	4	200	<.5	630	<3	<5	<5	<5	1,100
400622088025401	03-12-87	<50	4	200	<.5	330	<3	36	<5	10	2,200
	03-12-87	<50	4	200	<.5	330	<3	<5	<5	<5	2,200
400639088023301	03-12-87	<50	2	200	<.5	210	<3	<5	<5	<5	1,700
400639088024101	03-12-87	<50	2	200	<.5	260	<3	<5	<5	<5	1,800
400647087571901	05-14-86	<50	4	100	<.5	150	<3	<5	<5	8	2,300

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Bureau County--Continued							
412703089134402	06-12-86	10	400	<0.01	<5	<1	<3	150	<5	160	<0.01
412721089401201	01-28-86	<5	420	<.01	<5	1	<3	570	<5	<50	<.01
412724089401401	01-28-86	<5	380	<.01	<5	1	<3	340	<5	<50	<.01
412827089145201	01-16-86	<5	66	<.01	<5	<1	<3	220	<5	<50	<.01
	06-26-86	--	--	--	--	--	--	--	--	--	--
412827089145202	06-26-86	<5	73	<.01	<5	<1	<3	230	<5	<100	<.01
413147089165501	01-09-86	<5	26	<.01	<5	<1	<3	250	<5	<50	<.01
413147089165701	01-09-86	<5	32	<.01	<5	<1	<3	260	<5	<50	<.01
413323089275201	02-20-86	<5	50	<.01	6	1	<3	270	<5	<50	<.01
	06-26-86	--	--	--	--	--	--	--	--	--	--
413328089274501	02-20-86	<5	39	<.01	<5	1	<3	280	<5	<50	<.01
413330089353701	01-22-86	<5	120	<.01	<5	1	<3	260	<5	<50	<.01
	06-02-87	--	--	--	--	--	--	--	--	--	--
413335089353601	06-02-87	<5	75	<.05	<5	<1	<3	190	<5	<50	<.01
413336089353601	01-22-86	<5	110	<.01	<5	1	<3	210	<5	<50	<.01
	06-02-87	--	--	--	--	--	--	--	--	--	--
				Calhoun County							
385658090345901	03-05-86	<5	200	<.01	<5	<1	<3	170	<5	<50	<.01
390155090373401	03-05-86	<5	240	<.01	<5	<1	<3	170	<5	<50	<.01
390155090373402	03-05-86	<5	240	<.01	<5	<1	4	160	<5	<50	<.01
390919090370201	04-15-87	<5	700	<.05	<5	1	<3	160	<5	<50	<.01
390921090370101	04-15-87	32	1,500	<.05	<5	<1	<3	180	<5	<100	<.01
391702090363301	03-06-86	<5	160	<.01	<5	1	4	150	5	<50	<.01
391703090362501	03-06-86	<5	220	<.01	<5	<1	<3	110	<5	<50	<.01
				Carroll County							
415737090061001	04-02-85	<5	200	<.10	8	<1	4	120	<5	<50	<.01

Cass County

395311090224201	02-26-86	<5	28	<.01	<5	2	<3	120	<5	<50	<.01
	05-20-87	--	--	--	--	--	--	--	--	--	--
395311090224202	02-26-86	<5	39	<.01	<5	4	<3	160	<5	<50	<.01
	07-22-86	<5	46	.05	<5	1	<3	150	<5	<50	<.01
	04-14-87	--	--	--	--	--	--	--	--	--	--
400018090242501	08-07-86	<5	160	.05	8	<1	5	130	<5	<50	<.01
400023090245501	08-07-86	<5	230	<.01	<5	<1	<3	100	<5	<50	<.01
400023090250101	08-07-86	<5	390	.05	<5	<1	<3	170	<5	<50	<.01
400025090244401	02-26-85	<5	230	<.01	<5	<1	<3	100	<5	<50	<.01
	02-26-85	<5	230	<.01	<5	<1	<3	110	<5	<50	<.01
400026090245701	08-07-86	<5	300	<.01	7	<1	3	140	<5	<50	<.01
400300090092801	03-27-86	<5	240	<.01	7	5	<3	190	<5	<50	<.01
	08-05-86	<5	220	<.01	<5	6	<3	220	<5	<50	<.01
	10-08-86	--	--	--	--	--	--	--	--	--	--
	04-14-87	--	--	--	--	--	--	--	--	--	--
	06-30-87	--	--	--	--	--	--	--	--	--	--

Champaign County

395437088000001	05-14-86	<5	21	<.01	<5	<1	<3	340	<5	<50	<.01
395454088162801	04-28-86	<5	40	<.01	<5	<1	<3	260	<5	<50	<.01
395454088162802	04-28-86	<5	42	.04	<5	<1	<3	280	<5	<50	<.01
395639088272701	06-27-86	<5	33	<.01	12	<1	<3	460	<5	120	<.01
395755088203201	04-30-86	<5	20	<.01	7	<1	5	290	<5	<50	<.01
395759088203101	04-30-86	<5	20	<.01	6	<1	7	300	5	<50	<.01
395914088145601	04-29-86	<5	20	<.01	<5	<1	<3	320	<5	<50	<.01
395915088145201	04-29-86	<5	23	<.01	<5	<1	<3	410	<5	<50	<.01
	04-29-86	<5	23	<.01	<5	<1	<3	410	<5	<50	<.01
395917088144601	04-29-86	<5	20	<.01	6	<1	4	290	<5	<50	<.01
400118088044301	05-13-86	<5	34	<.01	<5	<1	<3	600	<5	<50	<.01
400123088042001	05-13-86	<5	74	<.01	<5	<1	<3	1,100	<5	<50	<.01
400124088041801	05-13-86	<5	79	<.01	<5	<1	<3	770	<5	<50	<.01
400148087575601	05-14-86	<5	74	.05	<5	<1	<3	560	<5	<50	<.01
400154087574601	05-14-86	<5	110	.05	<5	<1	<3	580	<5	<50	<.01
400622088025401	03-12-87	<5	20	<.05	<5	<1	<3	1,100	<5	<50	<.01
	03-12-87	<5	19	--	<5	<1	<3	1,100	<5	<50	<.01
400639088023301	03-12-87	<5	26	<.05	<5	<1	<3	1,000	<5	<50	<.01
400639088024101	03-12-87	<5	31	<.05	<5	<1	<3	790	<5	<50	<.01
400647087571901	05-14-86	<5	87	.05	<5	<1	<3	370	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Bureau County--Continued					
412703089134402	06-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412721089401201	01-28-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412724089401401	01-28-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412827089145201	01-16-86	15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-26-86	--	--	--	--	--	--	--	--	--
412827089145202	06-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413147089165501	01-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413147089165701	01-09-86	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413323089275201	02-20-86	<5	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0
	06-26-86	--	--	--	--	--	--	--	--	--
413328089274501	02-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413330089353701	01-22-86	<5	--	--	--	--	--	--	--	--
	06-02-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413335089353601	06-02-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413336089353601	01-22-86	<5	--	--	--	--	--	--	--	--
	06-02-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Calhoun County					
385658090345901	03-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
390155090373401	03-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
390155090373402	03-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
390919090370201	04-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390921090370101	04-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391702090363301	03-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	1.3
391703090362501	03-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
					Carroll County					
415737090061001	04-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Cass County

395311090224201	02-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-20-87	--	--	--	--	--	--	--	--	--
395311090224202	02-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-14-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400018090242501	08-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400023090245501	08-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400023090250101	08-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400025090244401	02-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	02-26-85	<5	--	--	--	--	--	--	--	--
400026090245701	08-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400300090092801	03-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	08-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-08-86	--	--	--	--	--	--	--	--	--
	04-14-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-30-87	--	--	--	--	--	--	--	--	--

Champaign County

395437088000001	05-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395454088162801	04-28-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395454088162802	04-28-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395639088272701	06-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
395755088203201	04-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395759088203101	04-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395914088145601	04-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395915088145201	04-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-29-86	<5	--	--	--	--	--	--	--	--
395917088144601	04-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400118088044301	05-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400123088042001	05-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400124088041801	05-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400148087575601	05-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400154087574601	05-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400622088025401	03-12-87	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
	03-12-87	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
400639088023301	03-12-87	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
400639088024101	03-12-87	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
400647087571901	05-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Bureau County--Continued					
412703089134402	06-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412721089401201	01-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412724089401401	01-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412827089145201	01-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-26-86	--	--	--	--	--	--	--	--	--
412827089145202	06-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413147089165501	01-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413147089165701	01-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413323089275201	02-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-26-86	--	--	--	--	--	--	--	--	--
413328089274501	02-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413330089353701	01-22-86	--	--	--	--	--	--	--	--	--
	06-02-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413335089353601	06-02-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413336089353601	01-22-86	--	--	--	--	--	--	--	--	--
	06-02-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Calhoun County					
385658090345901	03-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390155090373401	03-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390155090373402	03-05-86	<1.0	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390919090370201	04-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390921090370101	04-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391702090363301	03-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
391703090362501	03-06-86	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	--	--	--
					Carroll County					
415737090061001	04-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Cass County

395311090224201	02-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-20-87	--	--	--	--	--	--	--	--	--
395311090224202	02-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400018090242501	08-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400023090245501	08-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400023090250101	08-07-86	<1.0	4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400025090244401	02-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-26-85	--	--	--	--	--	--	--	--	--
400026090245701	08-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400300090092801	03-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-08-86	--	--	--	--	--	--	--	--	--
	04-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-30-87	--	--	--	--	--	--	--	--	--

Champaign County

395437088000001	05-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395454088162801	04-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395454088162802	04-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395639088272701	06-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395755088203201	04-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395759088203101	04-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395914088145601	04-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395915088145201	04-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-29-86	--	--	--	--	--	--	--	--	--
395917088144601	04-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400118088044301	05-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400123088042001	05-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400124088041801	05-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400148087575601	05-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400154087574601	05-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400622088025401	03-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400639088023301	03-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400639088024101	03-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400647087571901	05-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Champaign County--Continued			
400651087570501	05-14-86	1105	Ogden Well No. 3	17002	17002	--
400734088132201	05-07-86	1255	Northern Illinois Water Corporation Well No. 41	17002	17002	--
400734088132601	05-07-86	1010	Northern Illinois Water Corporation Well No. 42	17002	17002	--
400736088132701	05-07-86	1110	Northern Illinois Water Corporation Well No. 47	17002	17002	--
400737088131901	05-07-86	1155	Northern Illinois Water Corporation Well No. 45	17002	17002	--
400737088132301	03-14-85	1015	Champaign Well No. 46	17002	17002	44.97
400737088132601	05-07-86	1200	Northern Illinois Water Corporation Well No. 35	17002	17002	144.20
400738088131501	05-07-86	1115	Northern Illinois Water Corporation Well No. 40	17002	17002	--
	05-07-86	1120	Northern Illinois Water Corporation Well No. 40	17002	17002	--
400739088173501	05-07-86	0900	Northern Illinois Water Corporation Well No. 58	17002	17002	--
400740088133001	05-07-86	1015	Northern Illinois Water Corporation Well No. 43	17002	17002	--
400740088170601	05-07-86	0915	Northern Illinois Water Corporation Well No. 57	17002	17002	160.20
400740088181801	05-06-86	0940	Northern Illinois Water Corporation Well No. 61	17002	17002	--
400758088174101	05-06-86	0850	Northern Illinois Water Corporation Well No. 60	17002	17002	--
400805088163601	05-06-86	1125	Northern Illinois Water Corporation Well No. 53	17002	17002	--
400814088170601	05-06-86	1050	Northern Illinois Water Corporation Well No. 56	17002	17002	--
400824088185301	05-06-86	1210	Northern Illinois Water Corporation Well No. 55	17002	17002	--
400832088190601	06-20-85	1445	Champaign Well No. 54	17002	17002	175.80
	11-24-86	1005	Champaign Well No. 54	81700	17002	186.00
400835088170701	05-05-86	1420	Northern Illinois Water Corporation Well No. 62	17002	17002	16.20
400836088185101	05-05-86	1520	Northern Illinois Water Corporation Well No. 59	17002	17002	--
401134087581501	05-15-86	0925	Royal Well No. 1	17002	17002	--
401134087581601	05-15-86	0955	Royal Well No. 2	17002	17002	--
401137088241401	03-19-87	1330	Mahomet Well No. 2	17002	17002	--
401217088220301	02-06-85	1150	Sangamon Valley Public Water District Well No. 1	81700	17002	67.00
401225088221501	03-19-87	1120	Sangamon Valley Public Water District Well No. 3	17002	17002	--
401421088113501	05-06-86	1330	Thomasboro Well No. 1	17002	17002	--
401422088114501	05-06-86	1515	Thomasboro Well No. 3	17002	17002	--
401423088113501	05-06-86	1435	Thomasboro Well No. 2	17002	17002	--
	05-06-86	1440	Thomasboro Well No. 2	17002	17002	--

401711088072501	03-11-87	1245	Chanute Air Force Base Well No. C-2	17002	17002	--
401712088071901	03-11-87	1320	Chanute Air Force Base Well No. C-1	17002	17002	--
401805088090101	03-11-87	1155	Chanute Air Force Base Well No. B-5	17002	17002	--
401808087564401	05-14-86	1245	Penfield Well No. 1	17002	17002	--
401809087564201	05-14-86	1305	Penfield Well No. 2	17002	17002	--
401816088090101	03-11-87	1115	Chanute Air Force Base Well No. B-2	17002	17002	--
401816088090801	03-11-87	1035	Chanute Air Force Base Well No. B-1	17002	17002	--
401834088010901	02-27-86	0920	Gifford Well No. 1	17002	17002	120.00
	02-27-86	0925	Gifford Well No. 1	17002	17002	120.00
401841088094701	02-21-85	1430	Rantoul Well No. 7	81700	17002	129.00
401842088095201	03-10-87	1435	Rantoul Well No. 8	17002	17002	--
401844088093401	03-10-87	1400	Rantoul Well No. 6	17002	17002	--
401846088093301	03-10-87	1325	Rantoul Well No. 5	17002	17002	--
401906088210301	04-29-86	1530	Fisher Well No. 4	17002	17002	--
401906088210701	04-29-86	1610	Fisher Well No. 3	17002	17002	--
			Christian County			
392425089264101	03-31-86	1155	Morrisonville Well No. 4	17002	17002	--
392438089262101	03-31-86	1255	Morrisonville Well No. 6	17002	17002	--
	06-16-87	1025	Morrisonville Well No. 6	17002	17002	--
392439089262001	03-31-86	1100	Morrisonville Well No. 5	17002	17002	--
392636089233701	02-27-86	1110	Palmer Well No. 1	17002	17002	--
393402089150101	09-09-86	1100	Taylorville Well No. 2	17002	17002	--
393414089150101	09-09-86	1210	Taylorville Well No. 3	17002	17002	--
393428089144701	09-09-86	1135	Taylorville Well No. 4	17002	17002	--
393653089103601	10-31-86	1215	Stonington Well No. 10	17002	17002	--
393817089081801	05-27-86	1325	Assumption Well No. 10	17002	17002	64.00
393823089075901	02-27-85	1500	Assumption Well No. 11	81700	17002	61.00
	06-12-85	1510	Assumption Well No. 11	17002	17002	60.00
393915089262401	03-24-86	1405	Edinburg Well No. 13	17002	17002	--
393917089260601	03-24-86	1500	Edinburg Well No. 12	17002	17002	--
394559089160901	11-20-86	1110	Mount Auburn Well No. 3	17002	17002	--
394605089155301	11-20-86	1210	Mount Auburn Well No. 1	17002	17002	--
394605089155601	11-20-86	1140	Mount Auburn Well No. 2	17002	17002	--
			Clark County			
391813087534001	04-16-86	1205	Casey Well No. 12	17002	17002	--
391820087535301	04-16-86	1115	Casey Well No. 11	17002	17002	--
392417087392101	04-15-86	1500	Marshall Well No. 4	17002	17002	--
392431087391601	04-15-86	1550	Marshall Well No. 2	17002	17002	--
392822087594101	06-24-87	1345	Westfield Well No. 7	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Champaign County--Continued							
400651087570501	05-14-86	55	100	575	7.30	-112	13.0	86	33	16	1.1
400734088132201	05-07-86	40	380	585	7.40	-143	13.0	73	33	20	1.8
400734088132601	05-07-86	40	680	530	7.40	-144	13.0	61	29	27	1.6
400736088132701	05-07-86	27	490	585	7.30	-138	13.0	71	35	25	2.0
400737088131901	05-07-86	35	--	345	7.20	-167	13.5	71	36	21	1.2
400737088132301	03-14-85	1,065	--	650	7.20	-148	13.0	71	34	21	2.1
400737088132601	05-07-86	40	520	575	7.30	-136	12.5	74	35	21	1.9
400738088131501	05-07-86	30	360	345	7.20	-168	13.5	74	34	20	1.4
	05-07-86	30	360	345	7.20	-168	13.5	73	34	20	1.4
400739088173501	05-07-86	60	2,900	325	7.50	-185	14.5	50	28	41	1.6
400740088133001	05-07-86	135	--	345	7.20	-152	13.5	63	31	37	1.5
400740088170601	05-07-86	46	1,600	570	7.60	-158	13.0	50	29	45	1.9
400740088181801	05-06-86	30	2,250	315	7.50	-189	14.0	51	28	38	2.0
400758088174101	05-06-86	50	2,600	340	7.50	-182	14.0	52	29	34	2.2
400805088163601	05-06-86	85	1,600	280	7.50	-195	14.0	51	31	25	1.9
400814088170601	05-06-86	170	1,600	330	7.50	-189	14.0	51	29	28	1.9
400824088185301	05-06-86	130	600	330	7.50	-197	13.5	54	30	32	2.3
400832088190601	06-20-85	195	E2,500	595	7.10	-181	14.5	53	33	30	2.4
	11-24-86	60	2,300	640	7.90	-165	12.5	61	36	32	2.0
400835088170701	05-05-86	50	2,450	305	7.60	-191	13.5	50	28	29	2.2
400836088185101	05-05-86	110	1,000	345	7.50	-182	13.5	55	32	33	2.6
401134087581501	05-15-86	35	--	540	7.30	-113	12.5	76	32	13	1.4
401134087581601	05-15-86	18	--	535	7.30	-110	12.5	76	32	12	1.5
401137088241401	03-19-87	30	1,300	285	7.20	-97	13.5	100	48	13	3.1
401217088220301	02-06-85	95	540	680	7.50	-220	12.5	77	35	27	2.4
401225088221501	03-19-87	--	E600	230	7.60	-195	9.5	82	33	22	2.0
401421088113501	05-06-86	120	80	520	7.60	-137	13.5	63	31	21	1.6
401422088114501	05-06-86	28	250	--	--	--	--	64	30	23	1.6
401423088113501	05-06-86	185	100	530	7.60	-142	13.0	63	31	22	1.6
	05-06-86	190	100	530	7.60	-142	13.0	64	31	25	1.6

401711088072501	03-11-87	25	E406	190	7.80	-89	13.5	60	29	17	1.3
401712088071901	03-11-87	25	E484	200	7.80	-71	13.0	63	32	13	1.4
401805088090101	03-11-87	15	E550	205	7.00	-120	13.5	67	25	20	1.7
401808087564401	05-14-86	22	--	590	7.60	-152	12.5	64	30	45	1.7
401809087564201	05-14-86	9	--	--	--	--	--	59	26	54	1.6
401816088090101	03-11-87	20	E540	230	7.20	-114	13.5	76	28	27	2.0
401816088090801	03-11-87	15	E445	235	7.60	-115	13.5	76	28	28	2.1
401834088010901	02-27-86	140	110	--	7.50	-144	12.5	67	32	26	2.4
	02-27-86	145	110	--	7.50	-143	12.5	67	32	26	2.5
401841088094701	02-21-85	>1,440	924	650	6.90	-170	14.0	73	30	36	1.9
401842088095201	03-10-87	215	E1,040	280	7.20	--	13.5	75	30	36	2.2
401844088093401	03-10-87	180	E590	270	7.60	-114	13.5	77	29	31	2.0
401846088093301	03-10-87	145	E60	270	7.40	--	13.5	66	32	28	1.7
401906088210301	04-29-86	30	280	460	7.30	--	13.0	77	31	30	1.4
401906088210701	04-29-86	24	300	500	7.30	--	13.0	86	36	33	1.8
				Christian County							
392425089264101	03-31-86	50	E90	405	7.10	21	13.5	80	27	32	.8
392438089262101	03-31-86	40	E130	470	7.00	-130	14.5	85	31	24	.8
	06-16-87	--	--	--	--	--	--	--	--	--	--
392439089262001	03-31-86	60	100	495	6.80	-104	13.5	100	29	29	1.0
392636089233701	02-27-86	50	63	475	7.00	-119	13.0	43	22	38	.7
393402089150101	09-09-86	480	750	665	7.00	5	13.5	99	38	14	.9
393414089150101	09-09-86	70	725	655	7.10	4	13.5	94	32	16	1.0
393428089144701	09-09-86	515	750	470	7.40	84	13.5	60	22	10	.4
393653089103601	10-31-86	35	150	510	7.20	-58	13.5	66	28	11	.4
393817089081801	05-27-86	45	146	580	7.10	-67	14.0	74	24	10	.8
393823089075901	02-27-85	480	266	520	7.30	-36	13.0	59	23	11	.7
	06-12-85	430	266	505	7.40	-61	14.0	--	--	--	--
393915089262401	03-24-86	>1,440	50	575	6.90	-121	14.5	81	24	20	1.0
393917089260601	03-24-86	60	E50	505	6.70	-131	14.0	81	25	21	1.6
394559089160901	11-20-86	130	E35	640	7.10	123	13.5	90	37	7.7	<.3
394605089155301	11-20-86	25	E90	650	7.10	-94	13.5	87	36	15	.4
394605089155601	11-20-86	25	E25	650	7.30	-79	13.5	87	36	15	.3
				Clark County							
391813087534001	04-16-86	45	400	415	6.90	-134	12.5	72	30	52	1.3
391820087535301	04-16-86	255	250	590	7.10	-112	13.0	69	31	110	1.4
392417087392101	04-15-86	45	950	390	7.90	148	11.0	80	27	6.1	1.9
392431087391601	04-15-86	50	750	380	7.00	34	12.0	82	31	3.2	1.0
392822087594101	06-24-87	315	42	710	6.60	-110	15.5	92	35	22	1.2

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				Champaign County--Continued							
400651087570501	05-14-86	--	374	14	3.7	0.2	21	380	<0.10	1.20	0.07
400734088132201	05-07-86	--	372	<10	2.7	.2	19	353	<.10	3.40	.07
400734088132601	05-07-86	--	337	<10	1.7	.3	17	362	<.10	2.40	.08
400736088132701	05-07-86	--	379	<10	1.9	.2	18	374	<.10	3.00	.08
400737088131901	05-07-86	--	381	<10	2.4	.3	19	435	<.10	3.20	.06
400737088132301	03-14-85	390	493	<10	2.4	.2	19	380	<.10	5.10	.06
400737088132601	05-07-86	--	379	<10	1.7	.2	19	377	<.10	3.00	.07
400738088131501	05-07-86	--	368	<10	3.2	.2	18	376	<.10	2.30	.05
	05-07-86	--	368	<10	3.3	.2	18	382	<.10	2.30	.06
400739088173501	05-07-86	--	336	<10	1.9	.4	12	369	<.10	1.50	.05
400740088133001	05-07-86	--	356	<10	1.3	.3	19	375	<.10	2.60	.08
400740088170601	05-07-86	--	343	<10	1.5	.4	12	346	<.10	1.50	.06
400740088181801	05-06-86	--	329	<10	2.2	.3	13	371	<.10	1.20	.08
400758088174101	05-06-86	--	329	<10	1.8	.3	13	376	<.10	.91	.05
400805088163601	05-06-86	--	314	<10	1.1	.3	11	326	<.10	1.50	.09
400814088170601	05-06-86	--	315	<10	<1.0	.3	12	323	<.10	.85	.05
400824088185301	05-06-86	--	329	<10	1.3	.3	14	305	<.10	.66	.06
400832088190601	06-20-85	354	347	<10	1.3	.3	12	373	<.10	.24	.07
	11-24-86	--	360	<10	1.4	.3	--	491	<.10	.77	.01
400835088170701	05-05-86	--	306	<10	1.2	.3	13	326	<.10	.72	.03
400836088185101	05-05-86	--	345	<10	1.7	.3	14	377	<.10	.83	.07
401134087581501	05-15-86	--	360	<10	<1.0	.1	18	340	<.10	.75	.06
401134087581601	05-15-86	--	358	<10	<1.0	.1	17	327	<.10	.55	.05
401137088241401	03-19-87	--	356	97	20	.2	15	482	<.10	.59	<.01
401217088220301	02-06-85	390	387	<10	1.5	.3	18	468	<.10	1.80	.22
401225088221501	03-19-87	--	372	<10	<1.0	.3	19	355	<.10	1.50	.21
401421088113501	05-06-86	--	336	<10	<1.0	.4	17	351	<.10	1.50	.04
401422088114501	05-06-86	--	256	<10	<1.0	.4	16	354	<.10	1.40	.05
401423088113501	05-06-86	--	341	<10	<1.0	.4	17	348	<.10	1.30	.04
	05-06-86	--	339	<10	<1.0	.4	16	349	<.10	1.30	.04

401711088072501	03-11-87	--	313	<10	1.5	.2	15	278	.30	.75	<.01
401712088071901	03-11-87	--	330	<10	<1.0	.3	14	424	<.10	.91	<.01
401805088090101	03-11-87	--	316	<10	<1.0	.2	17	344	3.40	1.40	.20
401808087564401	05-14-86	--	378	11	7.7	.3	14	376	<.10	2.10	.15
401809087564201	05-14-86	--	376	<10	9.3	.3	14	371	<.10	2.10	.16
401816088090101	03-11-87	--	366	<10	1.0	.2	18	472	<.10	1.40	.14
401816088090801	03-11-87	--	369	<10	1.0	.2	18	398	<.10	1.50	.22
401834088010901	02-27-86	345	360	<10	<1.0	.4	17	373	<.10	.93	.06
	02-27-86	345	356	<10	<1.0	.4	17	368	<.10	.99	.06
401841088094701	02-21-85	380	376	<10	1.7	.2	16	381	<.10	2.30	.36
401842088095201	03-10-87	--	392	<10	<1.0	.2	16	410	<.10	2.90	.49
401844088093401	03-10-87	--	379	<10	1.0	.2	18	432	<.10	1.80	.19
401846088093301	03-10-87	--	358	<10	1.1	.3	13	407	<.10	1.90	.19
401906088210301	04-29-86	--	341	38	<1.0	.3	22	406	<.10	.62	.17
401906088210701	04-29-86	--	350	62	<1.0	.7	22	451	<.10	1.10	.13

Christian County

392425089264101	03-31-86	237	246	75	22	.2	18	428	6.70	<.10	<.01
392438089262101	03-31-86	272	274	77	28	.2	19	432	.66	.48	.07
	06-16-87	--	--	--	--	--	--	--	--	--	--
392439089262001	03-31-86	315	305	62	42	.2	23	492	.76	.17	.01
392636089233701	02-27-86	264	211	69	8.9	.3	15	346	<.10	.18	.07
393402089150101	09-09-86	279	279	110	13	<.1	--	488	4.40	<.10	<.01
393414089150101	09-09-86	250	250	120	15	.1	--	445	3.50	<.10	<.01
393428089144701	09-09-86	166	166	42	12	.1	--	282	8.20	<.10	<.01
393653089103601	10-31-86	--	233	58	7.3	.1	17	739	.96	<.10	<.01
393817089081801	05-27-86	234	234	31	13	.1	--	338	4.40	<.10	.04
393823089075901	02-27-85	193	194	45	14	<.1	14	340	6.80	<.10	<.01
	06-12-85	--	--	--	--	--	--	--	--	--	--
393915089262401	03-24-86	233	222	44	57	.1	20	466	<.10	1.10	.34
393917089260601	03-24-86	240	224	42	54	.1	24	422	<.10	.60	.90
394559089160901	11-20-86	--	280	95	13	.2	12	757	.26	<.10	.02
394605089155301	11-20-86	--	312	51	23	.2	17	512	.13	1.00	.16
394605089155601	11-20-86	--	308	47	29	.2	19	483	.34	1.40	.13

Clark County

391813087534001	04-16-86	--	336	19	54	.4	13	484	<.10	4.80	.19
391820087535301	04-16-86	--	409	<10	100	.7	13	604	<.10	5.40	.28
392417087392101	04-15-86	--	242	45	18	.1	7.0	502	2.10	<.10	<.01
392431087391601	04-15-86	--	264	32	14	<.1	12	482	5.00	<.10	.02
392822087594101	06-24-87	--	417	15	10	.4	20	386	<.10	8.20	.39

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Champaign County--Continued							
400651087570501	05-14-86	<50	5	100	<0.5	100	<3	<5	<5	<5	2,400
400734088132201	05-07-86	<50	10	200	<2.0	190	<3	<5	<5	<5	2,900
400734088132601	05-07-86	<50	12	100	<.5	360	<3	<5	<5	31	2,300
400736088132701	05-07-86	<50	12	300	<.5	310	<3	<5	<5	7	2,700
400737088131901	05-07-86	<50	9	100	<1.0	220	<3	<5	<5	<5	2,100
400737088132301	03-14-85	<50	6	200	<.5	260	<3	<5	<5	<5	2,600
400737088132601	05-07-86	<50	10	200	<1.0	270	<3	6	<5	<5	2,200
400738088131501	05-07-86	<50	11	100	<1.0	220	<3	7	5	<5	3,200
	05-07-86	<50	12	100	<2.0	200	<3	<5	<5	<5	3,200
400739088173501	05-07-86	<50	7	300	<.5	700	<3	<5	<5	<5	1,000
400740088133001	05-07-86	<50	15	100	<1.0	580	<3	<5	<5	<5	1,900
400740088170601	05-07-86	<50	12	300	<.5	820	<3	<5	<5	<5	1,200
400740088181801	05-06-86	<50	4	300	<1.0	640	<3	<5	7	<5	1,300
400758088174101	05-06-86	<50	4	300	<2.0	490	<3	<5	6	<5	1,100
400805088163601	05-06-86	<50	10	300	<.5	370	<3	<5	<5	<5	1,200
400814088170601	05-06-86	<50	7	300	<.5	380	<3	<5	<5	<5	1,200
400824088185301	05-06-86	<50	3	400	<.5	400	<3	<5	6	<5	860
400832088190601	06-20-85	<50	2	400	<.5	370	<3	<5	<5	<5	760
	11-24-86	<50	2	400	<.5	400	<3	<5	5	<5	870
400835088170701	05-05-86	<50	5	300	<.5	380	<3	<5	7	<5	990
400836088185101	05-05-86	<50	2	400	2.0	370	<3	<5	<5	<5	780
401134087581501	05-15-86	<50	<1	50	<.5	80	<3	<5	<5	<5	1,700
401134087581601	05-15-86	<50	<1	40	<.5	60	<3	<5	<5	<5	1,600
401137088241401	03-19-87	70	1	80	<.5	50	3	<5	<5	<5	2,000
401217088220301	02-06-85	<50	1	80	<.5	210	<3	<5	<5	<5	1,500
401225088221501	03-19-87	80	1	100	<.5	250	<3	<5	<5	<5	1,100
401421088113501	05-06-86	<50	7	100	<1.0	280	<3	6	<5	<5	1,400
401422088114501	05-06-86	<50	<1	100	<.5	330	<3	<5	<5	<5	1,400
401423088113501	05-06-86	<50	<1	90	<.5	310	<3	<5	<5	<5	1,400
	05-06-86	<50	<1	90	<.5	310	<3	<5	<5	<5	1,400

401711088072501	03-11-87	<50	<1	30	<.5	170	<3	<5	<5	<5	120
401712088071901	03-11-87	<50	<1	20	<.5	120	<3	<5	<5	<5	<50
401805088090101	03-11-87	<50	1	80	<.5	230	<3	<5	5	<5	1,500
401808087564401	05-14-86	<50	<1	400	<.5	360	<3	<5	<5	<5	1,200
401809087564201	05-14-86	<50	1	400	<.5	270	<3	<5	<5	<5	1,100
401816088090101	03-11-87	50	1	90	<.5	300	<3	<5	6	<5	1,900
401816088090801	03-11-87	<50	1	100	<.5	360	<3	<5	<5	<5	1,800
401834088010901	02-27-86	<50	<1	80	<.5	560	<3	<5	<5	<5	1,100
	02-27-86	<50	<1	80	<.5	550	<3	<5	<5	<5	1,100
401841088094701	02-21-85	<50	<1	100	<2.0	590	<3	<5	<5	<5	1,200
401842088095201	03-10-87	<50	4	100	<.5	800	<3	<5	6	<5	2,100
401844088093401	03-10-87	<50	<1	100	<.5	670	<3	<5	<5	<5	1,100
401846088093301	03-10-87	<50	56	80	<.5	490	<3	<5	<5	<5	1,900
401906088210301	04-29-86	<50	1	30	<.5	520	<3	<5	<5	<5	1,900
401906088210701	04-29-86	1,000	<1	50	<.5	430	<3	<5	5	<5	1,600

Christian County

392425089264101	03-31-86	<50	<1	50	<.5	<50	<3	<5	<5	10	<50
392438089262101	03-31-86	<50	4	80	<.5	<50	<3	<5	<5	<5	2,000
	06-16-87	--	--	--	--	--	--	--	--	--	--
392439089262001	03-31-86	<50	11	100	<.5	<50	<3	<5	<5	<5	2,800
392636089233701	02-27-86	<50	7	80	<.5	<50	<3	<5	7	<5	1,700
393402089150101	09-09-86	<50	<1	30	5.0	<50	<3	<5	<5	12	100
393414089150101	09-09-86	<50	<1	40	5.0	<50	<3	<5	<5	16	250
393428089144701	09-09-86	<50	<1	10	3.0	<50	<3	<5	<5	49	<50
393653089103601	10-31-86	90	<1	30	<.5	<50	5	<5	10	<5	410
393817089081801	05-27-86	<50	1	30	<.5	<50	<3	<5	<5	<5	660
393823089075901	02-27-85	<50	<1	40	<.5	<50	<3	<5	<5	<5	<50
	06-12-85	--	--	--	--	--	--	--	--	--	--
393915089262401	03-24-86	<50	<1	200	<.5	<50	<3	<5	<5	<5	7,000
393917089260601	03-24-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	13,000
394559089160901	11-20-86	<50	<1	30	<.5	<50	<3	<5	<5	<5	330
394605089155301	11-20-86	<50	2	60	<.5	<50	<3	<5	<5	<5	1,300
394605089155601	11-20-86	<50	2	60	<.5	<50	<3	<5	<5	<5	1,100

Clark County

391813087534001	04-16-86	<50	21	300	<.5	90	<3	<5	<5	<5	2,900
391820087535301	04-16-86	<50	29	400	<.5	140	<3	<5	<5	7	2,100
392417087392101	04-15-86	<50	<1	50	<.5	<50	4	<5	8	5	<50
392431087391601	04-15-86	<50	<1	40	<.5	<50	4	<5	6	6	170
392822087594101	06-24-87	<50	3	200	<1.0	<50	<3	<5	<5	<5	3,500

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Champaign County--Continued							
400651087570501	05-14-86	<5	61	<0.01	<5	<1	<3	330	<5	<50	<0.01
400734088132201	05-07-86	<5	46	<.01	<5	<1	<3	420	<5	<50	<.01
400734088132601	05-07-86	<5	47	<.01	<5	<1	<3	480	<5	<50	<.01
400736088132701	05-07-86	<5	52	<.01	<5	<1	<3	530	<5	<50	<.01
400737088131901	05-07-86	<5	28	<.01	<5	<1	<3	470	<5	<50	<.01
400737088132301	03-14-85	<5	14	<.10	<5	<1	<3	390	<5	<50	<.01
400737088132601	05-07-86	<5	33	<.01	<5	<1	4	510	<5	<50	<.01
400738088131501	05-07-86	<5	39	<.01	<5	<1	3	570	<5	<50	<.01
	05-07-86	<5	40	<.01	<5	<1	<3	560	<5	<50	<.01
400739088173501	05-07-86	<5	28	<.01	<5	<1	<3	500	<5	<50	<.01
400740088133001	05-07-86	<5	32	<.01	<5	<1	<3	450	<5	<50	<.01
400740088170601	05-07-86	<5	27	<.01	<5	<1	<3	540	<5	<50	<.01
400740088181801	05-06-86	<5	39	.05	5	<1	<3	500	<5	<50	<.01
400758088174101	05-06-86	<5	41	<.01	<5	<1	<3	520	<5	<50	<.01
400805088163601	05-06-86	<5	20	<.01	<5	<1	5	580	<5	<50	<.01
400814088170601	05-06-86	<5	27	<.01	<5	<1	<3	560	<5	<50	<.01
400824088185301	05-06-86	<5	49	<.01	<5	<1	<3	520	<5	<50	<.01
400832088190601	06-20-85	<5	40	<.01	<5	<1	<3	480	<5	<50	<.01
	11-24-86	<5	46	<.05	<5	<1	<3	500	<5	<50	<.01
400835088170701	05-05-86	<5	40	<.01	<5	<1	4	520	<5	<50	<.01
400836088185101	05-05-86	<5	48	<.01	<5	<1	<3	530	<5	<50	<.01
401134087581501	05-15-86	<5	96	.03	<5	<1	<3	300	<5	<50	<.01
401134087581601	05-15-86	<5	110	.05	<5	<1	<3	280	<5	100	<.01
401137088241401	03-19-87	<5	130	<.05	<5	<1	<3	210	<5	<50	<.01
401217088220301	02-06-85	5	15	<.10	<5	<1	<3	580	<5	<50	<.01
401225088221501	03-19-87	<5	20	<.05	<5	<1	<3	340	<5	<50	<.01
401421088113501	05-06-86	<5	67	<.01	<5	<1	<3	610	<5	<50	<.01
401422088114501	05-06-86	<5	67	<.01	<5	<1	<3	670	<5	<50	<.01
401423088113501	05-06-86	<5	65	<.01	<5	<1	<3	670	<5	<50	<.01
	05-06-86	<5	66	<.01	<5	<1	<3	700	<5	<50	<.01

401711088072501	03-11-87	<5	240	<.05	<5	<1	<3	380	<5	<50	<.01
401712088071901	03-11-87	<5	300	<.05	<5	<1	<3	450	<5	<50	<.01
401805088090101	03-11-87	<5	28	<.05	<5	<1	<3	270	<5	<50	<.01
401808087564401	05-14-86	<5	33	<.01	<5	<1	<3	510	<5	<50	<.01
401809087564201	05-14-86	<5	29	<.01	<5	<1	<3	450	<5	<50	<.01
401816088090101	03-11-87	<5	36	<.05	<5	<1	<3	310	<5	<50	<.01
401816088090801	03-11-87	<5	36	<.05	<5	1	<3	320	<5	<50	<.01
401834088010901	02-27-86	<5	33	.02	<5	<1	<3	1,100	<5	<50	.01
	02-27-86	<5	33	.02	<5	<1	<3	1,100	<5	<50	<.01
401841088094701	02-21-85	<5	45	<.10	11	<1	<3	500	<5	<50	<.01
401842088095201	03-10-87	<5	60	<.05	<5	<1	<3	560	<5	<50	<.01
401844088093401	03-10-87	<5	36	<.05	<5	<1	<3	390	<5	<50	<.01
401846088093301	03-10-87	<5	86	.10	<5	<1	<3	580	<5	<50	<.01
401906088210301	04-29-86	<5	74	<.01	<5	<1	<3	350	<5	<50	<.01
401906088210701	04-29-86	<5	93	.01	<5	<1	4	470	<5	<50	.03

Christian County

392425089264101	03-31-86	<5	54	.02	<5	<1	<3	130	<5	<50	<.01
392438089262101	03-31-86	<5	360	<.01	<5	<1	<3	140	<5	<50	<.01
	06-16-87	--	--	--	--	--	--	--	--	--	--
392439089262001	03-31-86	<5	220	<.01	<5	<1	<3	170	<5	<50	<.01
392636089233701	02-27-86	<5	95	<.01	<5	<1	<3	90	<5	<50	<.01
393402089150101	09-09-86	<5	120	<.05	<5	2	<3	120	<5	<100	<.01
393414089150101	09-09-86	<5	120	.07	<5	2	<3	110	<5	<100	<.01
393428089144701	09-09-86	<5	11	<.05	<5	1	<3	70	<5	<100	<.01
393653089103601	10-31-86	<5	140	<.05	18	<1	12	80	7	<50	<.01
393817089081801	05-27-86	<5	150	<.01	<5	<1	<3	80	<5	<50	<.01
393823089075901	02-27-85	13	250	.14	<5	2	<3	80	<5	<50	<.01
	06-12-85	--	--	--	--	--	--	--	--	--	--
393915089262401	03-24-86	<5	870	<.01	<5	<1	<3	120	<5	<50	.01
393917089260601	03-24-86	<5	1,000	<.01	<5	<1	<3	130	<5	<50	<.01
394559089160901	11-20-86	<5	410	<.05	<5	<1	<3	80	<5	<50	<.01
394605089155301	11-20-86	<5	180	<.05	<5	<1	<3	110	<5	<50	<.01
394605089155601	11-20-86	<5	120	<.05	<5	<1	<3	110	<5	<50	<.01

Clark County

391813087534001	04-16-86	<5	180	<.01	<5	<1	<3	400	<5	<50	<.01
391820087535301	04-16-86	<5	84	<.01	<5	<1	<3	480	<5	<50	<.01
392417087392101	04-15-86	<5	31	<.01	8	<1	<3	120	5	<50	<.01
392431087391601	04-15-86	<5	30	<.01	7	<1	<3	90	5	<50	<.01
392822087594101	06-24-87	<5	76	<.05	<5	<1	<3	580	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Champaign County--Continued						
400651087570501	05-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400734088132201	05-07-86	<5	--	--	--	--	--	--	--	--
400734088132601	05-07-86	<5	--	--	--	--	--	--	--	--
400736088132701	05-07-86	<5	--	--	--	--	--	--	--	--
400737088131901	05-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400737088132301	03-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
400737088132601	05-07-86	<5	--	--	--	--	--	--	--	--
400738088131501	05-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-07-86	<5	--	--	--	--	--	--	--	--
400739088173501	05-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400740088133001	05-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400740088170601	05-07-86	<5	--	--	--	--	--	--	--	--
400740088181801	05-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400758088174101	05-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400805088163601	05-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400814088170601	05-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400824088185301	05-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400832088190601	06-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	11-24-86	<5	--	--	--	--	--	--	--	--
400835088170701	05-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400836088185101	05-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401134087581501	05-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401134087581601	05-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401137088241401	03-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401217088220301	02-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
401225088221501	03-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401421088113501	05-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401422088114501	05-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401423088113501	05-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-06-86	<5	--	--	--	--	--	--	--	--

401711088072501	03-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401712088071901	03-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401805088090101	03-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401808087564401	05-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401809087564201	05-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401816088090101	03-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401816088090801	03-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401834088010901	02-27-86	5	--	--	--	--	--	--	--	--
	02-27-86	<5	--	--	--	--	--	--	--	--
401841088094701	02-21-85	<5	--	--	--	--	--	--	--	--
401842088095201	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401844088093401	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401846088093301	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401906088210301	04-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401906088210701	04-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Christian County					
392425089264101	03-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392438089262101	03-31-86	<5	--	--	--	--	--	--	--	--
	06-16-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392439089262001	03-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392636089233701	02-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393402089150101	09-09-86	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393414089150101	09-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393428089144701	09-09-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
393653089103601	10-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393817089081801	05-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393823089075901	02-27-85	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	--
	06-12-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
393915089262401	03-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
393917089260601	03-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
394559089160901	11-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394605089155301	11-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394605089155601	11-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Clark County					
391813087534001	04-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
391820087535301	04-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
392417087392101	04-15-86	<5	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392431087391601	04-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392822087594101	06-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Champaign County--Continued						
400651087570501	05-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400734088132201	05-07-86	--	--	--	--	--	--	--	--	--
400734088132601	05-07-86	--	--	--	--	--	--	--	--	--
400736088132701	05-07-86	--	--	--	--	--	--	--	--	--
400737088131901	05-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0
400737088132301	03-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400737088132601	05-07-86	--	--	--	--	--	--	--	--	--
400738088131501	05-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0
	05-07-86	--	--	--	--	--	--	--	--	--
400739088173501	05-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400740088133001	05-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400740088170601	05-07-86	--	--	--	--	--	--	--	--	--
400740088181801	05-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400758088174101	05-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400805088163601	05-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400814088170601	05-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400824088185301	05-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400832088190601	06-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-24-86	--	--	--	--	--	--	--	--	--
400835088170701	05-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400836088185101	05-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401134087581501	05-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401134087581601	05-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401137088241401	03-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401217088220301	02-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401225088221501	03-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401421088113501	05-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401422088114501	05-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401423088113501	05-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-06-86	--	--	--	--	--	--	--	--	--

401711088072501	03-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401712088071901	03-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401805088090101	03-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401808087564401	05-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401809087564201	05-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401816088090101	03-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401816088090801	03-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401834088010901	02-27-86	--	--	--	--	--	--	--	--	--
	02-27-86	--	--	--	--	--	--	--	--	--
401841088094701	02-21-85	--	--	--	--	--	--	--	--	--
401842088095201	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401844088093401	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401846088093301	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401906088210301	04-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401906088210701	04-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Christian County					
392425089264101	03-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392438089262101	03-31-86	--	--	--	--	--	--	--	--	--
	06-16-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392439089262001	03-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392636089233701	02-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393402089150101	09-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393414089150101	09-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393428089144701	09-09-86	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393653089103601	10-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393817089081801	05-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393823089075901	02-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393915089262401	03-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393917089260601	03-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
394559089160901	11-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394605089155301	11-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394605089155601	11-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Clark County					
391813087534001	04-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391820087535301	04-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392417087392101	04-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0
392431087391601	04-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392822087594101	06-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Clark County--Continued			
392823087592601	06-24-87	1410	Westfield Well No. 6	17002	17002	--
			Clinton County			
383037089374801	03-26-86	1155	Damiansville Well No. 3	17002	17002	--
383223089364201	03-26-86	1010	Albers Well No. 5	17002	17002	--
383236089363301	03-26-86	1055	Albers Well No. 4	17002	17002	--
383320089324301	03-25-86	1250	Germantown Well No. 2	17002	17002	--
383320089324601	03-25-86	1340	Germantown Well No. 3	17002	17002	--
383320089324801	03-25-86	1440	Germantown Well No. 4	17002	17002	--
	03-25-86	1445	Germantown Well No. 4	17002	17002	--
383608089014601	10-17-86	1130	Aviston Well No. 1	17002	17002	36.00
383610089014901	10-17-86	1205	Aviston Well No. 2	17002	17002	--
	10-17-86	1210	Aviston Well No. 2	17002	17002	--
384821089291401	10-16-86	1115	Pocahontas Well No. 6	17002	17002	--
			Coles County			
392346088275801	03-26-87	1615	Clear Water Service Corporation Well No. 5	17002	17002	--
392347088272901	03-26-87	1405	Clear Water Service Corporation Well No. 3	17002	17002	--
392348088273701	03-26-87	1445	Clear Water Service Corporation Well No. 4	17002	17002	--
392348088274501	03-26-87	1530	Clear Water Service Corporation Well No. 2	17002	17002	--
392416088263501	03-26-87	1310	Clear Water Service Corporation Well No. 6	17002	17002	--
			Cook County			
415921088110401	09-06-85	1405	Bartlett Well No. 3	17002	17002	32.00
415940088102501	10-09-85	1320	Streamwood Well No. 4	17002	17002	--
	07-08-86	0950	Streamwood Well No. 4	17002	17002	63.00
415944088080901	09-19-85	0935	Hanover Park Well No. 6	17002	17002	--
415955088031301	10-30-85	1020	Elk Grove Village Well No. 13	17002	17002	--

420016088051901	10-22-85	1015	Schaumburg Well No. 12	17002	17002	--
420048088044501	10-22-85	1130	Schaumburg Well No. 7	17002	17002	--
420117088105801	07-08-86	1332	Streamwood Well No. 6	17002	17002	--
420145088103401	10-09-85	0955	Streamwood Well No. 7	17002	17002	--
420146088103201	07-08-86	1055	Streamwood Well No. 1	17002	17002	96.00
420146088103301	07-08-86	1145	Streamwood Well No. 2	17002	17002	--
420146088103402	10-09-85	1120	Streamwood Well No. 5	17002	17002	--
420322088030801	10-25-85	1035	Schaumburg Well No. 10	17002	17002	--
420332088055701	03-27-85	1405	Schaumburg Well No. 13.5	81700	17002	137.00
	03-27-85	1410	Schaumburg Well No. 13.5	81700	17002	137.00
420333088073501	09-24-85	1325	Hoffman Estates Well No. 20	17002	17002	--
420432088114101	02-28-85	1520	Hoffman Estates Well No. 22	81700	17002	71.50
	02-28-85	1525	Hoffman Estates Well No. 22	81700	17002	71.50
	12-17-86	1430	Hoffman Estates Well No. 22	81700	17002	68.00
420435088115401	09-25-85	1010	Hoffman Estates Well No. 21	17002	17002	71.00
420512088052001	09-25-85	1210	Hoffman Estates Well No. 18	17002	17002	122.00
420556088073901	10-22-85	1250	Schaumburg Well No. 14	17002	17002	--
420559088070301	09-25-85	1340	Hoffman Estates Well No. 16	17002	17002	152.00
			Crawford County			
390026087365401	04-09-86	1255	Robinson Palestine Water Commission Well No. 10	17002	17002	--
390027087370201	04-09-86	1340	Robinson Palestine Water Commission Well No. 11	17002	17002	--
			Cumberland County			
391518088102501	10-22-86	1435	Greenup Well No. 3	17002	17002	--
391522088102501	10-22-86	1510	Greenup Well No. 5	17002	17002	--
391531088102201	10-22-86	1400	Greenup Well No. 6	17002	17002	--
391635088134801	10-29-86	1455	Toledo Well No. 5	17002	17002	--
391635088134901	10-29-86	1420	Toledo Well No. 6	17002	17002	--
391635088135101	10-29-86	1340	Toledo Well No. 7	17002	17002	--
391636088134801	10-29-86	1520	Toledo Well No. 3	17002	17002	--
391636088134801	10-29-86	1525	Toledo Well No. 3	17002	17002	--
			De Kalb County			
414603088521601	03-21-85	1130	Shabbona Well No. 4	81700	17002	125.00
	06-06-85	1310	Shabbona Well No. 4	17002	17002	126.00
	12-15-86	1520	Shabbona Well No. 4	81700	17002	--
	05-18-87	1120	Shabbona Well No. 4	81700	17002	120.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Clark County--Continued							
392823087592601	06-24-87	25	E40	765	7.00	-122	14.0	110	42	12	1.1
				Clinton County							
383037089374801	03-26-86	175	E25	525	7.30	-203	14.5	84	27	57	.5
383223089364201	03-26-86	40	E70	800	6.90	-153	14.0	120	40	110	1.4
383236089363301	03-26-86	115	70	680	7.00	-158	14.0	110	34	77	1.1
383320089324301	03-25-86	50	18	520	7.20	-26	14.5	72	24	63	.8
383320089324601	03-25-86	40	20	520	7.10	-14	14.5	68	26	62	.9
383320089324801	03-25-86	55	31	605	7.00	16	14.0	77	33	75	1.0
	03-25-86	55	31	605	7.00	16	14.0	78	33	74	1.0
383608089014601	10-17-86	25	150	760	6.90	-137	14.5	67	24	75	.7
383610089014901	10-17-86	25	E145	800	6.90	-134	14.5	73	26	71	.6
	10-17-86	--	--	--	--	--	--	74	26	70	.6
384821089291401	10-16-86	135	E50	550	6.70	-87	16.0	71	26	11	.9
				Coles County							
392346088275801	03-26-87	25	110	280	7.90	-70	11.5	93	44	14	1.1
392347088272901	03-26-87	15	163	260	7.50	-37	13.0	91	37	6.4	1.5
392348088273701	03-26-87	20	110	235	7.90	81	14.0	82	34	8.0	.7
392348088274501	03-26-87	10	115	290	7.90	-22	13.0	110	41	12	.7
392416088263501	03-26-87	15	90	295	7.70	--	13.5	110	48	12	1.7
				Cook County							
415921088110401	09-06-85	365	E350	815	6.20	-108	15.0	98	63	9.6	1.6
415940088102501	10-09-85	440	750	780	7.30	-132	11.0	92	59	11	1.8
	07-08-86	80	800	435	7.40	-141	11.0	--	--	--	--
415944088080901	09-19-85	155	670	635	7.50	-149	11.5	70	45	17	1.5
415955088031301	10-30-85	155	575	1,540	7.00	-51	11.0	240	110	34	3.4

420016088051901	10-22-85	>1,440	600	740	7.20	-86	11.0	--	--	--	--
420048088044501	10-22-85	105	440	870	7.20	-77	11.0	110	52	40	2.8
420117088105801	07-08-86	52	--	--	--	--	--	120	64	20	2.8
420145088103401	10-09-85	895	950	1,070	7.20	-128	11.5	130	72	28	2.9
420146088103201	07-08-86	175	E375	465	7.20	-166	13.0	98	47	43	3.4
420146088103301	07-08-86	41	E425	480	7.30	-166	12.0	97	51	44	3.2
420146088103402	10-09-85	320	1,000	885	7.20	-127	11.0	110	62	20	2.8
420322088030801	10-25-85	105	280	875	7.50	-112	10.5	84	60	60	2.7
420332088055701	03-27-85	140	350	770	7.70	-93	11.5	64	49	37	2.1
	03-27-85	145	350	770	9.70	-93	11.5	63	49	38	2.1
420333088073501	09-24-85	85	495	705	7.60	-139	11.0	71	54	26	1.7
420432088114101	02-28-85	110	240	730	6.40	-160	11.0	83	46	8.3	1.8
	02-28-85	--	240	730	6.40	-160	11.0	84	46	9.2	1.9
	12-17-86	45	245	780	7.20	-92	10.0	87	48	6.3	1.1
420435088115401	09-25-85	130	245	660	7.50	-131	10.0	85	47	6.5	1.5
420512088052001	09-25-85	250	490	715	7.60	-107	10.5	65	49	38	1.8
420556088073901	10-22-85	>1440	500	675	7.50	-139	10.5	85	51	33	2.4
420559088070301	09-25-85	150	631	650	7.70	-143	11.0	60	47	30	1.6
				Crawford County							
390026087365401	04-09-86	--	E1,000	370	7.00	-29	15.0	94	23	14	5.3
390027087370201	04-09-86	--	E900	355	7.10	-78	14.0	78	21	6.9	3.9
				Cumberland County							
391518088102501	10-22-86	425	E50	565	6.90	60	15.0	75	30	12	.5
391522088102501	10-22-86	30	E50	620	7.10	-41	14.5	78	30	17	.4
391531088102201	10-22-86	390	<150	580	6.70	148	15.0	74	31	8.2	.9
391635088134801	10-29-86	475	E30	605	--	-76	14.0	67	29	31	.5
391635088134901	10-29-86	25	E20	630	--	-159	14.0	66	30	35	.3
391635088135101	10-29-86	460	E30	635	--	-66	16.0	62	28	46	.8
391636088134801	10-29-86	20	E30	585	--	-118	17.5	72	30	18	.4
391636088134801	10-29-86	25	E30	585	--	-118	17.5	71	30	19	.4
				De Kalb County							
414603088521601	03-21-85	90	200	590	7.20	-150	12.0	66	38	13	1.7
	06-06-85	120	200	605	7.80	-197	12.0	--	--	--	--
	12-15-86	31	185	630	7.40	-130	12.0	70	38	13	1.2
	05-18-87	65	188	630	7.50	-140	12.5	--	--	--	--

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Clark County--Continued						
392823087592601	06-24-87	--	386	60	13	0.2	18	439	<0.10	3.00	0.17
					Clinton County						
383037089374801	03-26-86	374	361	35	27	.3	19	473	<.10	.76	.37
383223089364201	03-26-86	431	419	190	48	.2	22	757	<.10	2.60	.43
383236089363301	03-26-86	434	429	83	40	.3	22	629	<.10	1.50	.38
383320089324301	03-25-86	281	280	100	11	.4	16	477	2.00	<.10	.01
383320089324601	03-25-86	256	255	110	14	.4	15	441	2.40	<.10	.01
383320089324801	03-25-86	264	267	150	31	.4	16	593	8.00	<.10	.01
	03-25-86	264	266	150	31	.4	16	677	8.10	<.10	.02
383608089014601	10-17-86	394	394	<10	36	.3	--	441	<.10	1.40	.45
383610089014901	10-17-86	388	388	35	30	.3	--	461	<.10	1.30	.51
	10-17-86	393	393	35	29	.3	--	459	<.10	1.30	.42
384821089291401	10-16-86	--	265	36	10	<.1	17	324	.22	<.10	.26
					Coles County						
392346088275801	03-26-87	--	294	100	24	.3	13	453	<.10	3.20	.14
392347088272901	03-26-87	--	231	90	21	.1	10	486	3.00	<.10	<.01
392348088273701	03-26-87	--	223	56	14	.1	9.4	415	9.40	<.10	<.01
392348088274501	03-26-87	--	292	85	32	.2	11	504	4.20	.44	.05
392416088263501	03-26-87	--	333	87	21	.1	14	497	2.60	<.10	<.01
					Cook County						
415921088110401	09-06-85	405	388	120	9.9	.2	26	580	.10	.18	.02
415940088102501	10-09-85	390	383	120	13	.3	26	571	<.10	.25	<.01
	07-08-86	--	--	--	--	--	--	--	--	--	--
415944088080901	09-19-85	305	297	94	6.7	.4	22	441	.16	.27	<.01
415955088031301	10-30-85	478	446	520	55	.3	24	1,350	<.10	.70	<.01

420016088051901	10-22-85	302	--	--	--	--	--	--	--	--	--
420048088044501	10-22-85	272	270	270	18	.5	18	685	<.10	.48	<.01
420117088105801	07-08-86	366	366	140	40	.2	--	670	<.10	.19	.12
420145088103401	10-09-85	347	340	260	62	.3	25	889	<.10	.17	.01
420146088103201	07-08-86	283	283	130	72	.5	--	639	<.10	.23	.64
420146088103301	07-08-86	286	299	140	76	.4	--	616	<.10	.21	.39
420146088103402	10-09-85	393	388	130	41	.2	22	642	<.10	.17	<.01
420322088030801	10-25-85	155	154	380	5.9	.6	17	755	<.10	.89	<.01
420332088055701	03-27-85	206	218	220	8.2	.6	21	526	<.10	.45	<.01
	03-27-85	206	214	220	8.2	.6	22	530	<.10	.60	<.01
420333088073501	09-24-85	274	367	160	20	.6	25	541	<.10	.06	.02
420432088114101	02-28-85	293	289	110	21	.2	20	524	<.10	.16	.01
	02-28-85	293	275	110	20	.2	19	509	<.10	.15	.01
	12-17-86	--	295	110	24	.2	--	592	.20	.11	.03
420435088115401	09-25-85	295	291	110	23	.2	19	538	<.10	.12	.01
420512088052001	09-25-85	233	221	230	1.4	.7	27	591	.10	.62	<.01
420556088073901	10-22-85	267	263	150	16	.6	23	531	.16	.45	.01
420559088070301	09-25-85	268	282	160	1.0	.7	28	526	.10	.51	.01
					Crawford County						
390026087365401	04-09-86	--	252	58	26	<.1	15	438	4.30	.20	.02
390027087370201	04-09-86	--	207	51	18	<.1	13	371	4.40	1.40	.08
					Cumberland County						
391518088102501	10-22-86	--	250	52	17	.1	15	374	4.10	<.10	.04
391522088102501	10-22-86	--	275	69	14	.2	17	453	.75	<.10	.02
391531088102201	10-22-86	234	--	45	23	.1	--	389	6.80	<.10	.02
391635088134801	10-29-86	--	263	55	27	.4	17	391	<.10	.48	.05
391635088134901	10-29-86	--	288	51	17	.4	15	403	<.10	.53	.09
391635088135101	10-29-86	--	310	36	22	.5	16	411	<.10	.64	.08
391636088134801	10-29-86	--	262	58	21	.2	17	406	.32	.43	1.50
391636088134801	10-29-86	--	259	58	21	.2	17	423	<.10	.42	.03
					De Kalb County						
414603088521601	03-21-85	366	379	<10	1.4	.4	22	419	<.10	.84	.09
	06-06-85	365	--	--	--	--	--	--	--	--	--
	12-15-86	--	365	<10	<1.0	.5	--	530	<.10	.70	.08
	05-18-87	--	365	<10	<1.0	--	20	480	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Clark County--Continued						
392823087592601	06-24-87	<50	<1	200	<1.0	<50	<3	<5	<5	<5	2,500
					Clinton County						
383037089374801	03-26-86	<50	15	200	<.5	70	<3	<5	<5	27	3,700
383223089364201	03-26-86	<50	20	300	<.5	<50	<3	<5	<5	16	5,600
383236089363301	03-26-86	<50	10	400	<1.0	70	<3	<5	<5	<5	4,100
383320089324301	03-25-86	<50	<1	30	<.5	<50	<3	<5	<5	<5	<50
383320089324601	03-25-86	<50	<1	20	<.5	<50	<3	<5	<5	<5	<50
383320089324801	03-25-86	<50	<1	20	<.5	50	<3	<5	<5	<5	<50
	03-25-86	<50	<1	20	<.5	50	<3	<5	<5	<5	<50
383608089014601	10-17-86	<50	12	300	<.5	<50	<3	<5	<5	<5	3,000
383610089014901	10-17-86	<50	2	300	<.5	<50	<3	<5	<5	<5	2,400
	10-17-86	<50	2	300	<.5	<50	<3	<5	<5	<5	2,400
384821089291401	10-16-86	<50	<1	90	<.5	<50	<3	<5	<5	<5	2,900
					Coles County						
392346088275801	03-26-87	60	11	100	<.5	<50	<3	<5	<5	<5	1,600
392347088272901	03-26-87	70	<1	40	<.5	<50	<3	<5	<5	<5	680
392348088273701	03-26-87	<50	<1	30	<.5	<50	<3	<5	<5	<5	80
392348088274501	03-26-87	70	1	80	<.5	<50	<3	<5	7	<5	800
392416088263501	03-26-87	<50	<1	40	<.5	<50	<3	<5	<5	<5	<50
					Cook County						
415921088110401	09-06-85	<50	2	80	<.5	80	<3	<5	<5	<5	2,100
415940088102501	10-09-85	<50	<1	70	<1.0	120	<3	<5	7	<5	1,600
	07-08-86	--	--	--	--	--	--	--	--	--	--
415944088080901	09-19-85	<50	1	40	<.5	160	<3	<5	<5	<5	910
415955088031301	10-30-85	<50	<1	20	<.5	290	<3	<5	<5	<5	5,000

420016088051901	10-22-85	--	--	--	--	--	--	--	--	--	--
420048088044501	10-22-85	<50	<1	20	<.5	440	<3	<5	<5	<5	740
420117088105801	07-08-86	110	2	100	<1.0	90	<3	<5	<5	<5	13,000
420145088103401	10-09-85	<50	<1	80	<2.0	80	<3	<5	<5	<5	3,100
420146088103201	07-08-86	<50	<1	70	<1.0	100	<3	<5	<5	<5	4,500
420146088103301	07-08-86	<50	<1	90	<1.0	90	<3	<5	<5	<5	3,200
420146088103402	10-09-85	<50	<1	100	<1.0	60	<3	<5	5	<5	2,700
420322088030801	10-25-85	<50	<1	10	<.5	450	<3	<5	<5	<5	490
420332088055701	03-27-85	<50	<1	20	<.5	330	<3	<5	<5	<5	370
	03-27-85	<50	<1	20	<.5	330	<3	<5	<5	<5	360
420333088073501	09-24-85	150	<1	40	<.5	230	<3	<5	<5	<5	960
420432088114101	02-28-85	<50	<1	70	<.5	<50	<3	<5	<5	<5	1,600
	02-28-85	<50	<1	70	<1.0	<50	<3	<5	<5	<5	1,600
	12-17-86	<50	<1	80	<.5	<50	<3	<5	<5	<5	1,700
420435088115401	09-25-85	<50	<1	80	<.5	<50	<3	<5	<5	<5	1,700
420512088052001	09-25-85	<50	<1	20	<.5	280	<3	<5	<5	<5	260
420556088073901	10-22-85	<50	<1	30	<.5	370	<3	<5	8	<5	1,100
420559088070301	09-25-85	<50	<1	30	<.5	210	<3	<5	<5	<5	660
					Crawford County						
390026087365401	04-09-86	<50	<1	40	<.5	100	5	<5	<5	7	220
390027087370201	04-09-86	<50	1	30	<.5	50	5	<5	7	11	250
					Cumberland County						
391518088102501	10-22-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	330
391522088102501	10-22-86	<50	<1	60	<.5	<50	<3	<5	<5	<5	380
391531088102201	10-22-86	<50	<1	50	<.5	<50	4	7	7	8	100
391635088134801	10-29-86	80	33	500	<.5	<50	4	7	6	<5	2,100
391635088134901	10-29-86	<50	85	700	<.5	<50	<3	<5	<5	<5	2,600
391635088135101	10-29-86	80	29	500	<.5	<50	3	<5	<5	<5	1,300
391636088134801	10-29-86	80	12	300	<.5	<50	<3	<5	<5	7	3,300
391636088134801	10-29-86	100	12	300	<.5	<50	<3	<5	<5	8	3,200
					De Kalb County						
414603088521601	03-21-85	<50	13	200	<.5	100	<3	<5	<5	<5	2,000
	06-06-85	--	--	--	--	--	--	--	--	--	--
	12-15-86	<50	11	200	<.5	80	<3	<5	<5	<5	2,100
	05-18-87	--	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recov-erable (µg/L as Pb)	Manga-nese, total recov-erable (µg/L as Mn)	Mercury total recov-erable (µg/L as Mg)	Nickel, total recov-erable (µg/L as Ni)	Sele-nium, total (µg/L as Se)	Silver, total recov-erable (µg/L as Ag)	Stron-tium, total recov-erable (µg/L as Sr)	Vana-dium, total (µg/L as V)	Zinc, total recov-erable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Clark County--Continued							
392823087592601	06-24-87	<5	77	<0.05	<5	<1	<3	490	<5	<50	<0.01
				Clinton County							
383037089374801	03-26-86	<5	91	<.01	<5	<1	<3	170	<5	<50	<.01
383223089364201	03-26-86	<5	77	<.01	<5	<1	<3	350	<5	<50	<.01
383236089363301	03-26-86	<5	96	<.01	<5	<1	<3	340	<5	<50	<.01
383320089324301	03-25-86	<5	190	<.01	<5	6	<3	110	<5	<50	<.01
383320089324601	03-25-86	<5	170	<.01	<5	8	<3	100	<5	<50	<.01
383320089324801	03-25-86	<5	120	<.01	<5	25	<3	160	<5	<50	<.01
	03-25-86	<5	120	<.01	<5	23	<3	160	<5	<50	<.01
383608089014601	10-17-86	<5	110	<.05	<5	<1	<3	230	<5	<50	<.01
383610089014901	10-17-86	<5	120	<.05	<5	<1	<3	240	<5	<50	<.01
	10-17-86	<5	120	<.05	<5	<1	5	240	<5	<50	<.01
384821089291401	10-16-86	<5	850	.20	7	<1	3	120	<5	100	<.01
				Coles County							
392346088275801	03-26-87	<5	110	<.05	<5	<1	<3	630	<5	<50	<.01
392347088272901	03-26-87	<5	220	<.05	<5	<1	<3	80	<5	<50	<.01
392348088273701	03-26-87	<5	170	<.05	<5	<1	<3	80	<5	<50	<.01
392348088274501	03-26-87	<5	310	<.05	<5	2	4	180	5	<50	<.01
392416088263501	03-26-87	<5	9	<.05	<5	<1	<3	120	<5	<50	<.01
				Cook County							
415921088110401	09-06-85	<5	30	<.01	<5	<1	<3	470	<5	<50	<.01
415940088102501	10-09-85	<5	19	<.01	<5	<1	4	540	5	<50	<.01
	07-08-86	--	--	--	--	--	--	--	--	--	--
415944088080901	09-19-85	<5	10	.04	<5	<1	<3	730	<5	<50	<.01
415955088031301	10-30-85	<5	43	<.01	<5	<1	<3	2,700	5	<50	<.01

420016088051901	10-22-85	--	--	--	--	--	--	--	--	--	--
420048088044501	10-22-85	<5	22	<.01	<5	<1	<3	1,600	<5	<50	<.01
420117088105801	07-08-86	<5	300	<.01	5	<1	<3	300	<5	<50	<.01
420145088103401	10-09-85	<5	51	<.01	<5	<1	<3	460	<5	<50	<.01
420146088103201	07-08-86	<5	55	<.01	<5	<1	<3	410	<5	<50	<.01
420146088103301	07-08-86	<5	56	<.01	<5	<1	<3	430	<5	<50	<.01
420146088103402	10-09-85	<5	63	<.01	<5	<1	3	270	5	<50	<.01
420322088030801	10-25-85	<5	10	<.01	<5	2	<3	1,800	<5	<50	<.01
420332088055701	03-27-85	<5	<5	<.10	<5	<1	<3	3,100	<5	<50	<.01
	03-27-85	8	<5	<.10	<5	<1	<3	3,100	<5	<50	<.01
420333088073501	09-24-85	<5	24	<.01	<5	<1	<3	1,500	<5	<50	<.01
420432088114101	02-28-85	<5	30	<.10	<5	<1	<3	300	<5	<50	<.01
	02-28-85	<5	30	<.10	<5	<1	<3	310	<5	<50	<.01
	12-17-86	<5	34	<.10	<5	<1	<3	290	<5	<50	<.01
420435088115401	09-25-85	<5	33	<.01	<5	<1	<3	290	<5	<50	<.01
420512088052001	09-25-85	<5	6	<.01	<5	2	<3	1,500	<5	<50	<.01
420556088073901	10-22-85	<5	11	<.01	8	<1	7	1,400	7	<50	<.01
420559088070301	09-25-85	<5	8	<.01	<5	<1	<3	1,200	<5	<50	<.01

Crawford County

390026087365401	04-09-86	<5	47	<.01	8	1	<3	150	<5	<50	<.01
390027087370201	04-09-86	<5	140	<.01	9	2	<3	100	6	<50	<.01

Cumberland County

391518088102501	10-22-86	<5	130	<.05	<5	<1	<3	90	<5	<50	<.01
391522088102501	10-22-86	<5	260	.05	<5	<1	<3	110	<5	<50	<.01
391531088102201	10-22-86	<5	55	.05	7	1	13	80	7	<50	<.01
391635088134801	10-29-86	<5	100	.34	13	<1	4	250	<5	<50	<.01
391635088134901	10-29-86	<5	54	<.05	<5	<1	<3	280	<5	<50	<.01
391635088135101	10-29-86	<5	100	<.05	12	<1	3	260	<5	<50	<.01
391636088134801	10-29-86	11	420	<.05	<5	<1	<3	200	<5	<50	<.01
391636088134801	10-29-86	11	410	<.05	<5	<1	<3	200	<5	<50	<.01

De Kalb County

414603088521601	03-21-85	<5	16	<.10	<5	1	<3	2,000	<5	<50	<.01
	06-06-85	--	--	--	--	--	--	--	--	--	--
	12-15-86	<5	18	<.05	<5	<1	<3	1,100	<5	<50	<.01
	05-18-87	--	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Clark County--Continued						
392823087592601	06-24-87	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Clinton County						
383037089374801	03-26-86	10	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
383223089364201	03-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383236089363301	03-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383320089324301	03-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
383320089324601	03-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
383320089324801	03-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
	03-25-86	15	--	--	--	--	--	--	--	--
383608089014601	10-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383610089014901	10-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-17-86	<5	--	--	--	--	--	--	--	--
384821089291401	10-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Coles County						
392346088275801	03-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392347088272901	03-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392348088273701	03-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392348088274501	03-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392416088263501	03-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Cook County						
415921088110401	09-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415940088102501	10-09-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-08-86	--	--	--	--	--	--	--	--	--
415944088080901	09-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415955088031301	10-30-85	<5	--	--	--	--	--	--	--	--

420016088051901	10-22-85	--	--	--	--	--	--	--	--	--
420048088044501	10-22-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420117088105801	07-08-86	<5	--	--	--	--	--	--	--	--
420145088103401	10-09-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420146088103201	07-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420146088103301	07-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420146088103402	10-09-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420322088030801	10-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420332088055701	03-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	03-27-85	<5	--	--	--	--	--	--	--	--
420333088073501	09-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420432088114101	02-28-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	02-28-85	<5	--	--	--	--	--	--	--	--
	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420435088115401	09-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420512088052001	09-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420556088073901	10-22-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420559088070301	09-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
					Crawford County					
390026087365401	04-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
390027087370201	04-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
					Cumberland County					
391518088102501	10-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391522088102501	10-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391531088102201	10-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391635088134801	10-29-86	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391635088134901	10-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391635088135101	10-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391636088134801	10-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391636088134801	10-29-86	<5	--	--	--	--	--	--	--	--
					De Kalb County					
414603088521601	03-21-85	<5	--	--	--	--	--	--	--	--
	06-06-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-18-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Clark County--Continued						
392823087592601	06-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Clinton County						
383037089374801	03-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
383223089364201	03-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383236089363301	03-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383320089324301	03-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0
383320089324601	03-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383320089324801	03-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
	03-25-86	--	--	--	--	--	--	--	--	--
383608089014601	10-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383610089014901	10-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-17-86	--	--	--	--	--	--	--	--	--
384821089291401	10-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Coles County						
392346088275801	03-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392347088272901	03-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392348088273701	03-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392348088274501	03-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392416088263501	03-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Cook County						
415921088110401	09-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415940088102501	10-09-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-08-86	--	--	--	--	--	--	--	--	--
415944088080901	09-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415955088031301	10-30-85	--	--	--	--	--	--	--	--	--

420016088051901	10-22-85	--	--	--	--	--	--	--	--	--
420048088044501	10-22-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420117088105801	07-08-86	--	--	--	--	--	--	--	--	--
420145088103401	10-09-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420146088103201	07-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420146088103301	07-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420146088103402	10-09-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420322088030801	10-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420332088055701	03-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-27-85	--	--	--	--	--	--	--	--	--
420333088073501	09-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420432088114101	02-28-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-28-85	--	--	--	--	--	--	--	--	--
	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420435088115401	09-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420512088052001	09-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420556088073901	10-22-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420559088070301	09-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Crawford County					
390026087365401	04-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
390027087370201	04-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
					Cumberland County					
391518088102501	10-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391522088102501	10-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391531088102201	10-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391635088134801	10-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391635088134901	10-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391635088135101	10-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391636088134801	10-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391636088134801	10-29-86	--	--	--	--	--	--	--	--	--
					De Kalb County					
414603088521601	03-21-85	--	--	--	--	--	--	--	--	--
	06-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			De Witt County			
400557089051201	06-11-86	0900	Kenney Well No. 1	17002	17002	--
400647088481101	03-14-85	1300	Weldon Well No. 5	81700	17002	109.20
	06-20-85	1210	Weldon Well No. 5	17002	17002	--
400705088451001	10-10-86	1140	Weldon Well No. 3	17002	17002	--
400846088573801	02-19-87	1130	Clinton Well No. 6	17002	17002	--
400847088574201	02-19-87	1050	Clinton Well No. 3	17002	17002	--
400849088573001	02-19-87	1235	Clinton Well No. 9	17002	17002	240.00
400909089054101	06-11-86	1200	De Witt County Nursing Home Well No. 1	17002	17002	--
400910089054201	06-11-86	1135	De Witt County Nursing Home Well No. 2	17002	17002	--
	06-11-86	1140	De Witt County Nursing Home Well No. 2	17002	17002	--
400912088584601	06-11-86	1005	Westside Mobile Home Park Well No. 1	17002	17002	--
400913088584201	06-11-86	1040	Westside Mobile Home Park Well No. 3	17002	17002	--
401342088574801	03-06-87	1150	Wapella Well No. 2	17002	17002	--
401342088574802	03-06-87	1120	Wapella Well No. 3	17002	17002	--
401444088381201	01-07-87	1055	Farmer City Well No. 2	17002	17002	--
401452088375901	01-07-87	1125	Farmer City Well No. 4	17002	17002	--
401454088380301	01-07-87	1155	Farmer City Well No. 6	17002	17002	--
401505088382901	01-07-87	1230	Farmer City Well No. 7	17002	17002	--
401517088383501	01-07-87	1300	Farmer City Well No. 10	17002	17002	--
			Douglas County			
394054088080501	03-18-87	1355	Hindsboro Well No. 4	17002	17002	--
394103088075801	03-18-87	1325	Hindsboro Well No. 1	17002	17002	--
394119088183501	03-04-87	1140	Arcola Well No. 8	17002	17002	--
394144088173301	03-04-87	1225	Arcola Well No. 5	17002	17002	73.00
394343088281801	06-26-86	1120	Arthur Well No. 6	17002	17002	--
394409088281901	06-26-86	1205	Arthur Well No. 3	17002	17002	--
394654088273001	06-26-86	1245	Arthur Well No. 7	17002	17002	--
394801088274101	04-30-86	1310	Atwood Well No. 3	17002	17002	--
394801088274201	04-30-86	1345	Atwood Well No. 2	17002	17002	--
394802088094201	04-30-86	0950	Camargo Well No. 2	17002	17002	--
394802088101001	04-30-86	1055	Camargo Well No. 3	17002	17002	--
394804088094801	04-30-86	0855	Camargo Well No. 1	17002	17002	--

Du Page County

415131087595602	11-06-85	1320	York Center Co-op Well No. 2	17002	17002	--
	11-06-85	1325	York Center Co-op Well No. 2	17002	17002	--
415502088004701	03-14-85	1430	Addison Well No. 8	81700	17002	72.00
415630088071501	03-12-86	1500	Bloomingdale Well No. 9	17002	17002	--
415814088064701	10-24-85	1025	Roselle Well No. 6	17002	17002	--
415822088104401	09-06-85	1605	Bartlett Well No. 6	17002	17002	--
	09-06-85	1610	Bartlett Well No. 6	17002	17002	--
	07-07-86	1010	Bartlett Well No. 6	17002	17002	--
415846087554301	11-21-85	1050	Itasca Well No. 8	17002	17002	75.00

Edgar County

393248087561001	05-21-86	1320	Kansas Well No. 4	17002	17002	--
393251087561701	05-21-86	1240	Kansas Well No. 5	17002	17002	--
393844087512101	05-21-86	1730	Redmon Well No. 1	17002	17002	--
394325087551201	05-21-86	1045	Brocton Well No. 2	17002	17002	--
394327087551001	06-19-86	1025	Brocton Well No. 1	17002	17002	--
394751087520401	05-20-86	1455	Hume Well No. 1	17002	17002	--
394751087520402	05-20-86	1540	Hume Well No. 2	17002	17002	--
	05-20-86	1545	Hume Well No. 2	17002	17002	--
394754087482201	05-20-86	1325	Metcalf Well No. 1	17002	17002	17.00
394827087403301	05-22-86	1010	Chrisman Well No. 4	17002	17002	--
394827087403302	05-22-86	0950	Chrisman Well No. 5	17002	17002	--

Edwards County

381556087585701	01-14-87	1155	Albion Well No. 3	17002	17002	--
	05-27-87	0955	Albion Well No. 3	17002	17002	--
381557087590001	01-14-87	1115	Albion Well No. 1	17002	17002	--
	05-27-87	1005	Albion Well No. 1	17002	17002	--

Effingham County

385544088380701	06-04-87	1155	Edgewood Well No. 1	17002	17002	--
385544088380801	06-04-87	1125	Edgewood Well No. 6	17002	17002	--
390225088233701	03-25-87	1210	Dieterich Well No. 7	17002	17002	--
	03-25-87	1215	Dieterich Well No. 7	17002	17002	--
390227088233301	03-25-87	1245	Dieterich Well No. 6	17002	17002	--
390326088225501	03-25-87	1130	Dieterich Well No. 8	17002	17002	--

[1] - 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
					De Witt County						
400557089051201	06-11-86	90	50	450	7.60	-176	13.5	65	37	84	2.5
400647088481101	03-14-85	65	--	975	7.20	-174	13.0	62	34	120	2.0
	06-20-85	250	--	995	6.80	-196	14.5	--	--	--	--
400705088451001	10-10-86	40	E50	695	7.10	-161	15.5	59	22	75	1.2
400846088573801	02-19-87	15	E500	615	6.00	-116	14.0	66	33	87	2.1
400847088574201	02-19-87	25	250	655	6.10	-95	14.0	64	32	90	2.0
400849088573001	02-19-87	15	850	580	6.30	-125	14.0	62	32	83	1.9
400909089054101	06-11-86	30	--	--	--	--	--	65	29	130	2.5
400910089054201	06-11-86	19	--	--	--	--	--	66	30	130	2.5
	06-11-86	--	--	--	--	--	--	--	--	--	--
400912088584601	06-11-86	65	15	--	--	--	--	83	44	44	2.6
400913088584201	06-11-86	100	10	--	--	--	--	95	53	42	3.2
401342088574801	03-06-87	25	80	320	6.90	-99	13.0	87	38	22	2.3
401342088574802	03-06-87	25	E140	290	7.20	-110	13.0	80	36	18	1.7
401444088381201	01-07-87	--	E70	1,050	6.90	405	12.0	54	22	200	2.9
401452088375901	01-07-87	--	70	995	7.20	-86	13.0	49	20	180	1.6
401454088380301	01-07-87	--	E150	970	7.30	-99	13.0	59	25	180	3.2
401505088382901	01-07-87	--	80	970	7.00	32	13.0	61	27	150	2.7
401517088383501	01-07-87	25	--	810	7.60	-262	7.5	61	27	150	2.8
					Douglas County						
394054088080501	03-18-87	900	E28	330	6.60	-127	14.0	47	20	110	2.0
394103088075801	03-18-87	E900	E12	345	7.10	-69	15.0	47	21	120	2.1
394119088183501	03-04-87	30	100	710	0.0	-67	14.0	74	34	110	4.5
394144088173301	03-04-87	30	100	570	6.40	-91	12.5	110	45	33	1.9
394343088281801	06-26-86	95	105	910	7.00	-159	14.0	91	41	78	2.7
394409088281901	06-26-86	30	115	920	6.90	-160	13.5	96	42	62	2.7
394654088273001	06-26-86	30	370	780	7.00	-160	13.5	82	37	52	2.0
394801088274101	04-30-86	130	E93	--	--	--	--	84	34	52	2.0
394801088274201	04-30-86	25	--	--	--	--	--	91	36	51	2.0
394802088094201	04-30-86	40	--	980	6.90	-139	13.5	69	30	110	3.9
394802088101001	04-30-86	40	24	1,050	6.90	-112	13.0	100	43	80	3.3
394804088094801	04-30-86	25	17	--	--	--	--	28	14	280	5.5

					Du Page County						
415131087595602	11-06-85	19	--	--	--	--	--	140	60	27	2.9
	11-06-85	24	--	--	--	--	--	140	60	27	3.0
415502088004701	03-14-85	50	765	1,430	6.80	-44	12.0	170	85	30	3.6
415630088071501	03-12-86	1,440	400	--	7.40	-136	10.5	87	44	25	1.9
415814088064701	10-24-85	505	275	605	7.40	-130	10.5	71	42	25	2.1
415822088104401	09-06-85	215	970	870	7.70	-103	13.5	110	64	13	2.2
	09-06-85	220	970	870	7.72	-103	13.5	110	64	13	2.2
	07-07-86	130	950	465	7.20	-119	11.0	--	--	--	--
415846087554301	11-21-85	65	675	1,380	7.00	-76	11.5	180	79	62	3.4
					Edgar County						
393248087561001	05-21-86	33	240	--	--	--	--	85	32	23	2.6
393251087561701	05-21-86	25	220	--	--	--	--	89	35	21	2.4
393844087512101	05-21-86	30	E50	835	6.80	-85	13.0	98	35	45	2.9
394325087551201	05-21-86	30	110	655	7.10	-101	12.5	98	36	9.2	1.3
394327087551001	06-19-86	70	43	--	--	--	--	98	33	11	<.3
394751087520401	05-20-86	44	80	615	7.20	-107	13.5	91	35	14	1.1
394751087520402	05-20-86	30	70	600	7.20	-83	13.5	90	34	15	2.1
	05-20-86	30	70	600	7.20	-83	13.5	87	33	14	2.1
394754087482201	05-20-86	34	110	880	7.00	-94	13.0	81	25	100	1.9
394827087403301	05-22-86	17	E120	--	--	--	--	64	29	76	3.0
394827087403302	05-22-86	30	E145	--	--	--	--	60	29	100	3.6
					Edwards County						
381556087585701	01-14-87	1,440	E160	490	6.80	27	11.5	95	26	7.0	.5
	05-27-87	--	--	--	--	--	--	--	--	--	--
381557087590001	01-14-87	1,440	E160	455	7.00	51	15.0	90	24	6.8	.5
	05-27-87	--	--	--	--	--	--	--	--	--	--
					Effingham County						
385544088380701	06-04-87	15	--	985	6.70	-68	18.0	150	69	48	2.2
385544088380801	06-04-87	--	--	935	6.80	-59	18.5	120	49	56	1.7
390225088233701	03-25-87	--	11	415	5.70	31	14.0	150	55	54	3.0
	03-25-87	25	11	415	5.70	31	14.0	140	53	53	2.8
390227088233301	03-25-87	>1,440	11	370	6.60	--	13.5	150	40	35	1.4
390326088225501	03-25-87	--	40	--	--	--	--	65	27	96	<.3

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					De Witt County						
400557089051201	06-11-86	409	409	<10	52	0.6	--	516	<0.10	2.60	0.22
400647088481101	03-14-85	470	417	<10	68	.7	13	566	<.10	5.50	.49
	06-20-85	--	--	--	--	--	--	--	--	--	--
400705088451001	10-10-86	--	398	<10	5.7	.6	17	395	.62	2.70	1.20
400846088573801	02-19-87	--	439	<10	55	.7	14	501	<.10	3.30	.39
400847088574201	02-19-87	--	428	<10	62	.7	14	515	<.10	3.20	.38
400849088573001	02-19-87	--	427	<10	49	.8	14	502	<.10	3.10	.39
400909089054101	06-11-86	438	--	<10	98	.5	--	584	<.10	4.80	.38
400910089054201	06-11-86	438	438	<10	96	.6	--	554	<.10	4.70	.35
	06-11-86	--	--	--	--	--	--	--	--	--	--
400912088584601	06-11-86	471	471	<10	1.8	.5	--	461	<.10	2.20	.09
400913088584201	06-11-86	546	546	<10	1.7	.5	--	544	<.10	3.20	.09
401342088574801	03-06-87	--	436	<10	11	.3	23	419	<.10	8.30	.50
401342088574802	03-06-87	--	400	<10	2.5	.3	20	379	<.10	3.80	.24
401444088381201	01-07-87	--	494	<10	120	1.5	16	740	.12	3.60	.27
401452088375901	01-07-87	--	449	<10	120	1.7	16	771	<.10	3.00	.28
401454088380301	01-07-87	--	500	<10	93	.4	15	701	.32	3.80	.28
401505088382901	01-07-87	--	487	<10	78	1.3	17	674	<.10	4.90	.29
401517088383501	01-07-87	--	569	<10	32	.7	11	630	<.10	4.20	.37
					Douglas County						
394054088080501	03-18-87	--	402	<10	24	.6	--	446	<.10	.74	.20
394103088075801	03-18-87	--	422	<10	32	.5	18	492	.27	.86	.26
394119088183501	03-04-87	--	503	<10	79	.3	--	627	<.10	14.0	.76
394144088173301	03-04-87	--	412	52	55	.2	--	537	<.10	3.50	.32
394343088281801	06-26-86	550	550	<10	6.5	.3	--	540	<.10	2.70	.15
394409088281901	06-26-86	546	546	<10	5.1	.3	--	496	<.10	6.00	.25
394654088273001	06-26-86	461	461	<10	4.4	.3	--	445	<.10	4.70	.24
394801088274101	04-30-86	--	468	<10	3.2	.4	24	489	<.10	2.20	.13
394801088274201	04-30-86	--	489	<10	3.4	.4	24	484	<.10	2.00	.13
394802088094201	04-30-86	--	584	<10	13	.4	19	559	<.10	23.0	1.70
394802088101001	04-30-86	--	633	<10	25	.3	23	605	<.10	18.0	1.50
394804088094801	04-30-86	--	430	<10	240	.7	13	833	<.10	1.30	.06

Du Page County

415131087595602	11-06-85	--	372	200	46	.2	17	793	<.10	.28	<.01
	11-06-85	--	374	200	45	.2	17	778	<.10	.29	<.01
415502088004701	03-14-85	430	396	360	78	.2	20	1,050	<.10	.27	.02
415630088071501	03-12-86	307	303	120	23	.4	21	959	<.10	.33	.01
415814088064701	10-24-85	275	274	95	10	.5	21	438	.16	.72	.01
415822088104401	09-06-85	403	381	140	21	.2	23	667	.10	.22	<.01
	09-06-85	403	385	140	21	.2	23	660	.10	.11	<.01
	07-07-86	--	--	--	--	--	--	--	--	--	--
415846087554301	11-21-85	361	339	390	100	.2	16	1,040	<.10	.40	.01

Edgar County

393248087561001	05-21-86	413	413	<10	6.1	.3	--	546	<.10	8.90	.37
393251087561701	05-21-86	423	423	<10	7.3	.3	--	438	<.10	9.20	.27
393844087512101	05-21-86	498	498	<10	22	.4	--	1,070	<.10	11.0	.75
394325087551201	05-21-86	364	364	35	15	.2	--	429	<.10	2.80	.22
394327087551001	06-19-86	385	385	21	9.8	.3	--	381	<.10	3.80	.31
394751087520401	05-20-86	250	250	120	19	.2	--	648	.10	.16	.03
394751087520402	05-20-86	256	256	110	21	.1	--	448	.58	<.10	.01
	05-20-86	256	256	110	22	.1	--	637	.60	<.10	.01
394754087482201	05-20-86	414	414	<10	94	.5	--	892	<.10	3.30	.22
394827087403301	05-22-86	439	439	<10	40	.4	--	691	<.10	12.0	.58
394827087403302	05-22-86	482	482	<10	49	.4	--	648	<.10	15.0	.70

Edwards County

381556087585701	01-14-87	--	280	60	13	.1	12	397	2.70	<.10	.03
	05-27-87	--	--	--	--	--	--	--	--	--	--
381557087590001	01-14-87	--	262	54	14	.1	12	379	3.80	<.10	.04
	05-27-87	--	--	--	--	--	--	--	--	--	--

Effingham County

385544088380701	06-04-87	--	464	270	28	.2	15	869	<.10	.26	.02
385544088380801	06-04-87	--	409	190	19	.4	15	687	<.10	<.10	.03
390225088233701	03-25-87	--	368	240	40	.2	13	820	<.10	.26	.06
	03-25-87	--	369	240	42	.2	13	735	.10	.24	.15
390227088233301	03-25-87	--	391	150	32	.1	16	705	.18	<.10	.09
390326088225501	03-25-87	--	285	94	55	.4	15	427	<.10	<.10	.10

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					De Witt County						
400557089051201	06-11-86	<50	35	700	<1.0	400	<3	<5	<5	<5	1,900
400647088481101	03-14-85	<50	24	400	<.5	380	<3	<5	<5	<5	3,200
	06-20-85	--	--	--	--	--	--	--	--	--	--
400705088451001	10-10-86	<50	3	200	<.5	280	<3	<5	<5	<5	1,600
400846088573801	02-19-87	<50	31	500	<.5	500	<3	<5	<5	8	2,000
400847088574201	02-19-87	<50	28	600	<.5	470	<3	<5	<5	<5	1,900
400849088573001	02-19-87	<50	33	500	<.5	520	<3	<5	<5	<5	2,000
400909089054101	06-11-86	<50	31	700	<1.0	380	<3	<5	<5	39	2,100
400910089054201	06-11-86	50	45	600	<1.0	390	<3	6	<5	<5	3,500
	06-11-86	--	--	--	--	--	--	--	--	--	--
400912088584601	06-11-86	<50	4	300	<1.0	230	<3	<5	<5	<5	2,200
400913088584201	06-11-86	70	12	300	<2.0	260	<3	<5	<5	<5	2,800
401342088574801	03-06-87	<50	3	200	<.5	160	<3	<5	7	<5	6,600
401342088574802	03-06-87	<50	10	100	<.5	90	<3	<5	6	<5	4,100
401444088381201	01-07-87	<50	13	700	<.5	360	<3	<5	<5	<5	1,900
401452088375901	01-07-87	<50	14	500	<.5	350	<3	<5	<5	<5	1,300
401454088380301	01-07-87	<50	12	800	<.5	410	<3	<5	<5	<5	1,800
401505088382901	01-07-87	<50	6	1,100	<.5	440	<3	<5	<5	15	2,100
401517088383501	01-07-87	<50	94	1,100	<.5	440	<3	<5	<5	15	2,100
					Douglas County						
394054088080501	03-18-87	<50	70	200	<.5	300	<3	<5	<5	<5	2,300
394103088075801	03-18-87	<50	36	200	<.5	290	<3	<5	<5	<5	970
394119088183501	03-04-87	<50	22	600	<.5	550	<3	<5	<5	<5	6,100
394144088173301	03-04-87	<50	11	500	<.5	200	<3	<5	8	<5	5,700
394343088281801	06-26-86	80	<1	500	<2.0	200	<3	<5	<5	<5	2,600
394409088281901	06-26-86	80	2	300	<2.0	170	<3	<5	<5	<5	4,000
394654088273001	06-26-86	70	20	200	<2.0	230	<3	<5	<5	<5	4,200
394801088274101	04-30-86	<50	<1	200	<.5	300	<3	<5	<5	<5	2,400
394801088274201	04-30-86	<50	<1	200	<.5	310	<3	<5	<5	<5	3,100
394802088094201	04-30-86	<50	33	300	<.5	1,600	<3	<5	<5	<5	11,000
394802088101001	04-30-86	<50	14	400	<.5	840	<3	<5	<5	<5	10,000
394804088094801	04-30-86	<50	<1	900	<.5	370	<3	<5	<5	<5	150

Du Page County

415131087595602	11-06-85	<50	<1	90	<.5	140	<3	<5	<5	<5	3,100
	11-06-85	<50	<1	90	<.5	140	<3	<5	<5	<5	5,600
415502088004701	03-14-85	<50	<1	60	<.5	100	<3	<5	<5	<5	3,800
415630088071501	03-12-86	<50	2	70	<.5	250	<3	<5	<5	10	1,500
415814088064701	10-24-85	<50	3	50	<.5	260	<3	<5	<5	<5	830
415822088104401	09-06-85	<50	1	60	<.5	50	<3	<5	<5	<5	2,500
	09-06-85	<50	1	60	<.5	60	<3	<5	<5	<5	2,500
	07-07-86	--	--	--	--	--	--	--	--	--	--
415846087554301	11-21-85	<50	<1	20	<.5	190	<3	<5	<5	<5	3,200

Edgar County

393248087561001	05-21-86	<50	1	200	<.5	100	<3	<5	<5	<5	5,300
393251087561701	05-21-86	<50	5	200	<.5	90	<3	<5	<5	<5	3,800
393844087512101	05-21-86	<50	27	400	<.5	110	<3	<5	<5	<5	6,100
394325087551201	05-21-86	<50	<1	100	<.5	<50	<3	<5	<5	5	2,900
394327087551001	06-19-86	50	<1	100	<2.0	70	<3	<5	<5	26	3,700
394751087520401	05-20-86	<50	<1	70	<.5	160	<3	<5	<5	<5	1,600
394751087520402	05-20-86	<50	<1	50	<.5	130	<3	<5	<5	<5	620
	05-20-86	<50	<1	60	<.5	130	<3	<5	<5	<5	530
394754087482201	05-20-86	<50	<1	200	<.5	220	<3	<5	<5	<5	2,200
394827087403301	05-22-86	<50	58	500	<.5	160	<3	<5	<5	<5	6,100
394827087403302	05-22-86	<50	93	500	<.5	220	<3	<5	<5	<5	7,000

Edwards County

381556087585701	01-14-87	<50	<1	50	<.5	<50	<3	<5	<5	16	170
	05-27-87	--	--	--	--	--	--	--	--	--	--
381557087590001	01-14-87	<50	<1	50	<.5	<50	<3	<5	<5	<5	530
	05-27-87	--	--	--	--	--	--	--	--	--	--

Effingham County

385544088380701	06-04-87	<50	2	90	<2.0	<50	<3	<5	<5	<5	3,400
385544088380801	06-04-87	<50	2	70	<2.0	<50	<3	<5	<5	<5	1,500
390225088233701	03-25-87	<50	6	100	<.5	<50	<3	<5	<5	<5	3,200
	03-25-87	<50	6	100	<.5	<50	<3	<5	<5	<5	3,100
390227088233301	03-25-87	<50	6	100	<.5	<50	<3	<5	<5	<5	3,500
390326088225501	03-25-87	90	5	70	<.5	<50	<3	<5	<5	<5	4,200

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					De Witt County						
400557089051201	06-11-86	<5	24	<0.01	<5	<1	<3	610	<5	<50	<0.01
400647088481101	03-14-85	<5	17	<.10	<5	<1	<3	680	<5	<50	<.01
	06-20-85	--	--	--	--	--	--	--	--	--	--
400705088451001	10-10-86	<5	54	<.05	<5	<1	<3	350	<5	<50	<.01
400846088573801	02-19-87	<5	23	<.05	<5	<1	<3	450	<5	<50	<.01
400847088574201	02-19-87	<5	19	<.05	<5	<1	<3	450	<5	<50	<.01
400849088573001	02-19-87	<5	20	.14	<5	<1	<3	430	<5	<50	<.01
400909089054101	06-11-86	<5	28	<.01	6	<1	<3	550	<5	<50	<.01
400910089054201	06-11-86	13	53	<.01	10	<1	<3	550	5	770	<.01
	06-11-86	--	--	--	--	--	--	--	--	--	--
400912088584601	06-11-86	<5	16	.06	<5	<1	<3	910	<5	<50	<.01
400913088584201	06-11-86	<5	18	<.01	6	<1	<3	1,300	<5	<50	<.01
401342088574801	03-06-87	<5	66	.07	<5	<1	<3	560	<5	<50	<.01
401342088574802	03-06-87	<5	92	<.05	<5	<1	<3	460	<5	<50	<.01
401444088381201	01-07-87	<5	67	<.05	<5	<1	<3	350	<5	<100	<.01
401452088375901	01-07-87	<5	27	<.05	<5	<1	<3	270	<5	<50	<.01
401454088380301	01-07-87	<5	30	<.05	<5	<1	<3	390	<5	<50	<.01
401505088382901	01-07-87	<5	22	<.05	<5	<1	<3	360	<5	<50	<.01
401517088383501	01-07-87	<5	22	<.05	<5	<1	<3	360	<5	<50	<.01
					Douglas County						
394054088080501	03-18-87	<5	13	<.05	<5	<1	<3	170	<5	<50	<.01
394103088075801	03-18-87	<5	12	<.05	<5	<1	<3	210	<5	<50	<.01
394119088183501	03-04-87	<5	96	.07	<5	<1	<3	710	<5	<50	<.01
394144088173301	03-04-87	<5	410	<.05	<5	<1	<3	670	<5	<50	<.01
394343088281801	06-26-86	<5	29	<.01	<5	<1	<3	440	<5	<50	<.01
394409088281901	06-26-86	<5	35	<.01	<5	<1	<3	480	<5	<50	<.01
394654088273001	06-26-86	<5	42	<.01	<5	<1	<3	390	<5	<50	<.01
394801088274101	04-30-86	<5	43	<.01	<5	<1	<3	300	<5	<50	<.01
394801088274201	04-30-86	<5	42	.07	<5	<1	<3	310	<5	<50	<.01
394802088094201	04-30-86	<5	55	<.01	<5	<1	<3	640	<5	<50	<.01
394802088101001	04-30-86	<5	110	<.01	<5	<1	<3	780	<5	<50	<.01
394804088094801	04-30-86	<5	47	<.01	<5	<1	<3	270	<5	<50	<.01

Du Page County

415131087595602	11-06-85	<5	43	.05	<5	<1	<3	700	<5	<50	<.01
	11-06-85	<5	47	<.01	<5	<1	<3	700	<5	<50	<.01
415502088004701	03-14-85	<5	56	<.01	<5	<1	<3	760	<5	<50	<.01
415630088071501	03-12-86	<5	20	.05	<5	<1	<3	940	<5	<50	<.01
415814088064701	10-24-85	<5	7	<.01	<5	<1	<3	1,000	<5	<50	<.01
415822088104401	09-06-85	<5	48	<.01	<5	<1	<3	270	<5	<50	<.01
	09-06-85	<5	48	<.01	<5	<1	<3	270	<5	<50	<.01
	07-07-86	--	--	--	--	--	--	--	--	--	--
415846087554301	11-21-85	<5	97	<.01	<5	<1	<3	1,000	<5	<50	<.01

Edgar County

393248087561001	05-21-86	<5	64	<.01	<5	2	<3	540	<5	<50	<.01
393251087561701	05-21-86	<5	71	<.01	<5	<1	<3	530	<5	<50	<.01
393844087512101	05-21-86	<5	84	<.01	<5	<1	<3	480	<5	<50	<.01
394325087551201	05-21-86	<5	81	.05	<5	<1	<3	180	<5	<50	<.01
394327087551001	06-19-86	<5	120	<.01	<5	<1	<3	210	<5	<100	<.01
394751087520401	05-20-86	<5	360	<.01	<5	<1	<3	120	<5	<50	<.01
394751087520402	05-20-86	<5	320	.01	<5	<1	<3	120	<5	<50	<.01
	05-20-86	<5	310	.01	<5	<1	<3	120	<5	<50	<.01
394754087482201	05-20-86	<5	140	<.01	<5	<1	<3	290	<5	<50	<.01
394827087403301	05-22-86	<5	46	<.01	<5	<1	<3	490	<5	<50	<.01
394827087403302	05-22-86	<5	52	.01	<5	<1	<3	510	<5	<50	<.01

Edwards County

381556087585701	01-14-87	<5	180	<.05	<5	<1	<3	120	<5	<50	<.01
	05-27-87	--	--	--	--	--	--	--	--	--	--
381557087590001	01-14-87	<5	110	<.05	<5	1	<3	100	<5	<50	<.01
	05-27-87	--	--	--	--	--	--	--	--	--	--

Effingham County

385544088380701	06-04-87	<5	410	<.05	<5	<1	<3	250	13	<50	<.01
385544088380801	06-04-87	<5	170	<.05	<5	<1	3	250	10	<50	<.01
390225088233701	03-25-87	<5	850	<.05	<5	<1	<3	240	<5	<50	<.01
	03-25-87	<5	820	<.05	<5	<1	<3	230	<5	<50	<.01
390227088233301	03-25-87	<5	350	<.05	<5	2	<3	220	<5	<50	<.01
390326088225501	03-25-87	<5	770	<.05	<5	1	<3	150	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					De Witt County					
400557089051201	06-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400647088481101	03-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-20-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
400705088451001	10-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400846088573801	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400847088574201	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400849088573001	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400909089054101	06-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
400910089054201	06-11-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
	06-11-86	--	17	<1.0	<1.0	<1.0	6.0	<1.0	<1.0	<1.0
400912088584601	06-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400913088584201	06-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401342088574801	03-06-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401342088574802	03-06-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401444088381201	01-07-87	<5	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401452088375901	01-07-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401454088380301	01-07-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401505088382901	01-07-87	<5	5.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401517088383501	01-07-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Douglas County					
394054088080501	03-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394103088075801	03-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394119088183501	03-04-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394144088173301	03-04-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394343088281801	06-26-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
394409088281901	06-26-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
394654088273001	06-26-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
394801088274101	04-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394801088274201	04-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394802088094201	04-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394802088101001	04-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394804088094801	04-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Du Page County

415131087595602	11-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	11-06-85	<5	--	--	--	--	--	--	--	--
415502088004701	03-14-85	<5	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415630088071501	03-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415814088064701	10-24-85	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415822088104401	09-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	09-06-85	<5	--	--	--	--	--	--	--	--
	07-07-86	--	--	--	--	--	--	--	--	--
415846087554301	11-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Edgar County

393248087561001	05-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393251087561701	05-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393844087512101	05-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394325087551201	05-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394327087551001	06-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394751087520401	05-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394751087520402	05-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-20-86	<5	--	--	--	--	--	--	--	--
394754087482201	05-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394827087403301	05-22-86	15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394827087403302	05-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Edwards County

381556087585701	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-27-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381557087590001	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-27-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Effingham County

385544088380701	06-04-87	55	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385544088380801	06-04-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390225088233701	03-25-87	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-25-87	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390227088233301	03-25-87	<5	6.0	5.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0
390326088225501	03-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					De Witt County					
400557089051201	06-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400647088481101	03-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400705088451001	10-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400846088573801	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400847088574201	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400849088573001	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400909089054101	06-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
400910089054201	06-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400912088584601	06-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400913088584201	06-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401342088574801	03-06-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401342088574802	03-06-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401444088381201	01-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401452088375901	01-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401454088380301	01-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401505088382901	01-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401517088383501	01-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Douglas County					
394054088080501	03-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394103088075801	03-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394119088183501	03-04-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394144088173301	03-04-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394343088281801	06-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394409088281901	06-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394654088273001	06-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394801088274101	04-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394801088274201	04-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394802088094201	04-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394802088101001	04-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394804088094801	04-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Du Page County

415131087595602	11-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-06-85	--	--	--	--	--	--	--	--	--
415502088004701	03-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415630088071501	03-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415814088064701	10-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415822088104401	09-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-06-85	--	--	--	--	--	--	--	--	--
	07-07-86	--	--	--	--	--	--	--	--	--
415846087554301	11-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Edgar County

393248087561001	05-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393251087561701	05-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393844087512101	05-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394325087551201	05-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394327087551001	06-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394751087520401	05-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394751087520402	05-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-20-86	--	--	--	--	--	--	--	--	--
394754087482201	05-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394827087403301	05-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394827087403302	05-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Edwards County

381556087585701	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381557087590001	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	13	<1.0	<1.0	<1.0
	05-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Effingham County

385544088380701	06-04-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385544088380801	06-04-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390225088233701	03-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390227088233301	03-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390326088225501	03-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Fayette County			
390759089073101	07-10-86	1120	Ramsey Well No. 5	17002	17002	--
390759089073102	07-10-86	1200	Ramsey Well No. 6	17002	17002	--
			Ford County			
402719088082301	01-22-86	1330	Paxton Well No. 8	17002	17002	20.00
402719088084501	02-21-85	1200	Paxton Well No. 7	81700	17002	36.50
402750088161701	02-12-86	1535	Elliott Well No. 3	17002	17002	--
402750088161901	02-12-86	1420	Elliott Well No. 2	17002	17002	--
402755088061201	01-22-86	1450	Paxton Well No. 6	17002	17002	--
402756088060301	01-22-86	1145	Paxton Well No. 5	17002	17002	--
402816088223401	01-23-86	1040	Gibson City Well No. 2	17002	17002	33.00
402817088222201	01-22-86	0940	Gibson City Well No. 1	17002	17002	34.00
402818088224901	02-19-86	1345	Gibson City Well No. 4	17002	17002	19.00
402826088222401	01-23-86	0925	Gibson City Well No. 3	17002	17002	35.00
403405088150001	02-20-86	1330	Melvin Well No. 3	17002	17002	--
403406088145701	02-20-86	1210	Melvin Well No. 4	17002	17002	--
403510088225701	02-12-86	0945	Sibley Well No. 1	17002	17002	--
403540088231401	02-12-86	1105	Sibley Well No. 3	17002	17002	--
403658088111201	03-27-86	1735	Roberts Well No. 6	17002	17002	--
403700088111301	03-27-86	1640	Roberts Well No. 5	17002	17002	--
404530088114501	02-26-86	1345	Piper City Well No. 7	17002	17002	--
404532088111201	02-26-86	1310	Piper City Well No. 6	17002	17002	--
405611088141701	01-21-86	1425	Kempton Well No. 2	17002	17002	--
405614088142001	01-21-86	1500	Kempton Well No. 4	17002	17002	--
			Fulton County			
402151090111501	11-06-85	1245	Lewistown Well No. 11	17002	17002	--
402151090111701	11-06-85	1115	Lewistown Well No. 12	17002	17002	--
402152090111401	11-06-85	1500	Lewistown Well No. 10	17002	17002	--
402152090111601	11-06-85	1350	Lewistown Well No. 8	17002	17002	--
404013090223501	12-17-85	1150	Avon Well No. 2	17002	17002	--

404016090223601	07-30-86	0855	Avon Well No. 1	17002	17002	--
404234090162901	12-18-85	1210	London Mills Well No. 2	17002	17002	--
404234090163101	12-18-85	1115	London Mills Well No. 1	17002	17002	--
			Gallatin County			
374207088094201	03-26-85	0950	New Shawneetown Well No. 4	81700	17002	65.20
374325088134701	03-25-85	1425	Saline Valley Well No. 1	81700	17002	42.20
374351088151401	12-17-86	1415	Equality Well No. 1	17002	17002	--
375419088065001	02-26-86	1235	New Haven Well No. 2	17002	17002	--
			Greene County			
391330090202701	04-01-86	1405	Kane Well No. 1	17002	17002	--
391426090274801	04-15-87	1500	Mt. Gilead Well No. 1	17002	17002	--
391714090332201	03-31-86	1425	Eldred Well No. 1	17002	17002	--
391715090332201	03-31-86	1505	Eldred Well No. 2	17002	17002	--
			Grundy County			
411030088163001	03-14-86	1345	South Wilmington Well No. 1	17002	17002	--
411324088235701	04-09-86	1230	Old Mazon Mobile Home Park Well No. 1	17002	17002	--
411331088155301	04-08-86	1115	Braceville Well No. 2	17002	17002	--
412646088193401	04-09-86	1035	Shady Oaks Mobile Home Park Well No. 3	17002	17002	--
412648088193101	04-09-86	1002	Shady Oaks Mobile Home Park Well No. 4	17002	17002	--
412652088193001	04-09-86	1023	Shady Oaks Mobile Home Park Well No. 6	17002	17002	--
			Hancock County			
401409091034201	01-15-86	1415	Bowen Well No. 4 (local name "West Well")	17002	17002	--
401518091123901	11-15-85	1220	West Point Well No. 1	17002	17002	--
401518091123902	01-15-86	1130	West Point Well No. 2	17002	17002	--
401923090550201	01-16-86	1150	Plymouth Well No. 1	17002	17002	--
403458090575601	09-12-86	1400	La Harpe Well No. 1	17002	17002	--
			Henderson County			
405512090573601	04-03-85	1000	Galesburg Well No. 74-3	81700	17002	39.60
405616090565201	06-04-86	1030	Oquawka Well No. 3	17002	17002	--
405753090562201	06-05-86	1200	Delabar State Park Well No. 4	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Fayette County							
390759089073101	07-10-86	30	E100	1,060	6.90	-93	13.0	130	69	34	1.6
390759089073102	07-10-86	35	E150	945	6.90	-91	14.0	120	58	25	1.4
				Ford County							
402719088082301	01-22-86	60	775	--	7.40	-170	12.5	78	31	25	1.8
402719088084501	02-21-85	>240	700	675	6.80	-160	13.5	80	32	26	1.7
402750088161701	02-12-86	30	100	--	7.60	-160	12.5	52	25	55	2.6
402750088161901	02-12-86	35	80	--	7.60	-155	12.5	51	25	54	2.6
402755088061201	01-22-86	55	E140	--	7.60	-165	12.5	42	25	62	3.0
402756088060301	01-22-86	45	E190	--	7.50	-111	12.5	54	22	52	2.0
402816088223401	01-23-86	48	292	--	7.20	-126	12.5	98	44	20	2.3
402817088222201	01-22-86	55	200	--	7.30	-150	12.5	78	39	26	2.0
402818088224901	02-19-86	48	500	--	7.40	-134	12.0	94	40	13	1.7
402826088222401	01-23-86	60	330	--	7.40	-140	12.5	73	38	16	1.8
403405088150001	02-20-86	42	50	--	7.40	-137	12.5	70	34	41	2.1
403406088145701	02-20-86	45	130	--	7.50	-140	13.5	78	37	46	2.5
403510088225701	02-12-86	67	100	--	7.60	-160	12.0	55	31	20	2.0
403540088231401	02-12-86	35	100	--	7.60	-158	7.0	57	35	20	2.0
403658088111201	03-27-86	65	--	--	7.40	-127	12.5	110	40	60	2.8
403700088111301	03-27-86	55	80	--	--	--	--	100	42	53	2.8
404530088114501	02-26-86	43	--	--	--	--	--	81	36	33	2.1
404532088111201	02-26-86	160	--	--	--	--	--	88	38	26	2.0
405611088141701	01-21-86	15	75	--	--	--	--	140	85	250	6.0
405614088142001	01-21-86	19	75	--	--	--	--	160	83	270	6.6
				Fulton County							
402151090111501	11-06-85	225	E150	645	7.30	80	13.0	89	38	9.6	.8
402151090111701	11-06-85	135	E150	655	7.10	68	12.5	82	40	9.2	.9
402152090111401	11-06-85	360	E135	700	7.60	-32	13.0	92	43	11	1.0
402152090111601	11-06-85	290	E125	595	7.50	11	13.0	79	36	9.1	1.0
404013090223501	12-17-85	290	E100	610	7.20	-196	12.0	72	27	27	1.5

404016090223601	07-30-86	115	100	635	6.70	-264	13.0	73	25	33	1.4
404234090162901	12-18-85	190	E40	535	7.20	86	13.5	71	25	12	.8
404234090163101	12-18-85	135	E50	600	7.10	64	13.5	80	28	11	1.1
				Gallatin County							
374207088094201	03-26-85	>1,440	200	655	6.90	-37	15.0	93	39	8.8	1.3
374325088134701	03-25-85	715	1,140	515	7.30	-94	15.5	77	28	6.5	.7
374351088151401	12-17-86	25	E150	615	7.00	-165	15.0	74	37	31	.7
375419088065001	02-26-86	125	E115	680	6.90	-115	14.5	100	31	25	1.6
				Greene County							
391330090202701	04-01-86	425	55	440	6.70	-51	12.5	61	19	9.4	.7
391426090274801	04-15-87	--	--	--	7.30	--	16.5	59	40	40	1.1
391714090332201	03-31-86	--	90	950	6.80	152	15.0	130	47	22	1.7
391715090332201	03-31-86	--	55	885	6.80	48	14.5	120	48	19	1.6
				Grundy County							
411030088163001	03-14-86	52	E26	--	7.20	852	9.0	110	47	51	2.9
411324088235701	04-09-86	10	--	--	--	--	--	100	46	18	14
411331088155301	04-08-86	12	--	--	--	--	--	87	35	110	5.1
412646088193401	04-09-86	15	E22	--	--	--	--	100	44	43	3.6
412648088193101	04-09-86	32	E26	--	--	--	--	97	40	38	2.9
412652088193001	04-09-86	23	E33	--	--	--	--	94	40	36	3.0
				Hancock County							
401409091034201	01-15-86	75	E113	725	6.90	-100	13.0	89	30	43	1.1
401518091123901	11-15-85	140	E23	3,900	7.00	-191	13.5	66	26	70	1.7
401518091123902	01-15-86	60	E22	690	7.10	-177	13.5	67	26	69	1.8
401923090550201	01-16-86	65	E100	675	7.00	-166	9.5	52	13	3.3	.8
403458090575601	09-12-86	35	165	850	6.70	-96	14.0	130	38	20	.9
				Henderson County							
405512090573601	04-03-85	>1,440	E2,000	490	7.00	-44	14.0	68	23	9.5	2.2
405616090565201	06-04-86	30	300	340	7.40	96	10.5	41	11	6.7	1.0
405753090562201	06-05-86	--	E100	535	6.90	-160	11.5	66	25	5.0	1.8

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Fayette County						
390759089073101	07-10-86	351	--	280	13	0.1	--	802	<0.10	<0.10	0.02
390759089073102	07-10-86	327	--	220	11	<.1	--	931	.15	<.10	.01
					Ford County						
402719088082301	01-22-86	372	359	28	<1.0	.3	18	396	<.10	1.50	.10
402719088084501	02-21-85	358	343	38	<1.0	.3	16	408	<.10	1.40	.11
402750088161701	02-12-86	306	302	60	1.5	.9	14	491	<.10	.64	<.01
402750088161901	02-12-86	306	306	58	1.2	.8	14	442	<.10	.65	.02
402755088061201	01-22-86	344	332	23	<1.0	.6	17	420	<.10	3.30	.19
402756088060301	01-22-86	342	348	<10	1.7	1.2	20	370	<.10	1.70	.08
402816088223401	01-23-86	322	312	120	27	.3	13	548	<.10	.31	<.01
402817088222201	01-22-86	326	328	58	17	.5	14	407	<.10	.43	<.01
402818088224901	02-19-86	303	301	110	17	.3	13	590	<.10	.29	.02
402826088222401	01-23-86	302	296	72	11	.4	14	428	<.10	.42	<.01
403405088150001	02-20-86	388	392	18	1.0	.6	20	509	<.10	1.40	.14
403406088145701	02-20-86	378	382	73	1.2	.7	19	546	<.10	1.60	.09
403510088225701	02-12-86	293	296	21	1.2	.5	14	373	<.10	.48	.11
403540088231401	02-12-86	336	339	<10	1.0	.5	16	382	<.10	.92	.06
403658088111201	03-27-86	327	327	230	1.8	.5	18	676	<.10	1.40	.10
403700088111301	03-27-86	--	361	190	3.0	.4	17	635	<.10	1.60	.12
404530088114501	02-26-86	--	432	<10	1.6	.4	20	417	<.10	2.90	.29
404532088111201	02-26-86	--	442	<10	1.0	.4	24	463	<.10	3.80	.37
405611088141701	01-21-86	--	137	1,300	19	.5	8.3	1,660	<.10	2.20	.13
405614088142001	01-21-86	--	133	1,400	19	.6	8.5	1,760	<.10	2.00	.12
					Fulton County						
402151090111501	11-06-85	282	274	96	8.7	.1	14	428	1.30	<.10	.06
402151090111701	11-06-85	322	311	54	5.3	.2	15	437	<.10	<.10	.05
402152090111401	11-06-85	305	293	98	16	.2	15	496	1.30	<.10	.06
402152090111601	11-06-85	295	286	57	7.1	.1	14	417	.51	<.10	.06
404013090223501	12-17-85	362	370	<10	<1.0	.4	13	374	.10	2.30	.65

404016090223601	07-30-86	363	363	<10	1.0	.7	--	392	<.10	3.00	1.10
404234090162901	12-18-85	187	187	48	22	.1	<5.0	395	9.60	<.10	.02
404234090163101	12-18-85	237	242	53	24	.1	20	488	7.30	<.10	.03
					Gallatin County						
374207088094201	03-26-85	368	378	29	7.5	.2	21	438	.14	<.10	.04
374325088134701	03-25-85	278	279	27	7.5	.2	22	390	<.10	<.10	.16
374351088151401	12-17-86	--	400	<10	2.0	.4	11	--	.10	1.30	.64
375419088065001	02-26-86	340	329	76	32	.2	17	497	.90	.19	.10
					Greene County						
391330090202701	04-01-86	--	173	55	9.3	<.1	19	316	.38	.12	.02
391426090274801	04-15-87	--	353	<10	15	.3	8.4	393	<.10	.29	.11
391714090332201	03-31-86	--	366	100	57	.1	24	652	4.00	<.10	.08
391715090332201	03-31-86	--	361	97	59	.1	30	598	4.40	<.10	.03
					Grundy County						
411030088163001	03-14-86	336	337	170	43	.3	13	867	.56	<.10	.01
411324088235701	04-09-86	--	271	190	35	.1	9.5	653	<.10	<.10	<.01
411331088155301	04-08-86	--	254	250	68	.8	13	707	<.10	.51	.01
412646088193401	04-09-86	--	290	90	86	.2	10	697	5.20	<.10	.01
412648088193101	04-09-86	--	284	59	99	.2	9.9	674	3.00	<.10	<.01
412652088193001	04-09-86	--	288	89	94	.2	10	680	3.50	<.10	.04
					Hancock County						
401409091034201	01-15-86	408	414	32	5.3	.3	--	467	<.10	.64	.11
401518091123901	11-15-85	440	439	14	7.8	.4	--	490	<.10	2.00	.13
401518091123902	01-15-86	441	441	<10	1.3	.4	--	513	<.10	2.00	.14
401923090550201	01-16-86	357	349	16	25	.6	--	490	<.10	1.10	.09
403458090575601	09-12-86	--	380	110	23	.3	--	574	<.10	.52	.27
					Henderson County						
405512090573601	04-03-85	232	221	38	11	.2	18	308	.29	<.10	.06
405616090565201	06-04-86	103	103	20	9.3	<.1	--	226	6.50	<.10	.07
405753090562201	06-05-86	--	238	27	4.4	.1	--	317	<.10	.18	.23

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Fayette County						
390759089073101	07-10-86	90	<1	40	<2.0	<50	<3	<5	<5	5	1,400
390759089073102	07-10-86	80	<1	40	<2.0	<50	<3	<5	<5	<5	1,500
					Ford County						
402719088082301	01-22-86	<50	1	100	<.5	330	<3	<5	<5	<5	1,800
402719088084501	02-21-85	<50	1	100	<2.0	340	<3	<5	<5	<5	1,700
402750088161701	02-12-86	80	8	70	<.5	1,500	<3	<5	<5	<5	1,000
402750088161901	02-12-86	<50	9	70	<.5	1,400	<3	<5	<5	<5	1,100
402755088061201	01-22-86	<50	27	100	<.5	1,800	<3	<5	<5	23	1,400
402756088060301	01-22-86	<50	5	100	<.5	1,600	<3	<5	<5	21	1,000
402816088223401	01-23-86	<50	3	100	<.5	180	<3	<5	<5	<5	1,700
402817088222201	01-22-86	<50	7	200	<.5	350	<3	<5	6	<5	1,700
402818088224901	02-19-86	240	2	100	<.5	150	<3	<5	<5	<5	1,900
402826088222401	01-23-86	<50	6	100	<.5	170	<3	<5	<5	<5	1,200
403405088150001	02-20-86	<50	<1	300	<.5	670	<3	<5	<5	<5	850
403406088145701	02-20-86	<50	<1	200	<.5	700	<3	<5	<5	<5	560
403510088225701	02-12-86	<50	7	200	<.5	400	<3	5	<5	<5	870
403540088231401	02-12-86	<50	<1	100	<.5	300	<3	<5	<5	<5	860
403658088111201	03-27-86	<50	1	40	<1.0	1,200	<3	<5	<5	<5	1,700
403700088111301	03-27-86	<50	<1	40	<.5	650	<3	<5	<5	21	2,500
404530088114501	02-26-86	<50	<1	200	<.5	220	<3	<5	<5	<5	1,500
404532088111201	02-26-86	<50	<1	100	<.5	190	<3	<5	<5	<5	1,200
405611088141701	01-21-86	<50	24	20	<1.0	1,900	<3	<5	<5	<5	2,200
405614088142001	01-21-86	<50	22	30	<.5	2,100	<3	<5	<5	<5	2,400
					Fulton County						
402151090111501	11-06-85	<50	<1	90	<.5	<50	<3	9	<5	<5	90
402151090111701	11-06-85	<50	<1	90	<.5	<50	<3	22	<5	<5	930
402152090111401	11-06-85	<50	<1	90	<.5	<50	<3	<5	<5	<5	710
402152090111601	11-06-85	<50	<1	90	<.5	<50	<3	<5	<5	<5	200
404013090223501	12-17-85	<50	16	200	<.5	130	<3	<5	<5	12	3,300

404016090223601	07-30-86	<50	38	200	<2.0	180	<3	<5	<5	<5	3,300
404234090162901	12-18-85	<50	<1	30	<.5	70	<3	<5	<5	8	<50
404234090163101	12-18-85	<50	<1	30	<.5	60	<3	<5	<5	<5	<50
					Gallatin County						
374207088094201	03-26-85	<50	1	60	<.5	<50	4	<5	6	6	1,000
374325088134701	03-25-85	<50	6	40	<.5	<50	4	6	6	<5	1,800
374351088151401	12-17-86	<50	96	100	<.5	60	<3	<5	<5	<5	4,400
375419088065001	02-26-86	<50	1	70	<.5	<50	<3	<5	6	<5	2,200
					Greene County						
391330090202701	04-01-86	<50	<1	40	<.5	<50	4	<5	<5	<5	930
391426090274801	04-15-87	60	20	200	<.5	<50	<3	<5	6	<5	1,700
391714090332201	03-31-86	<50	<1	80	<.5	160	<3	<5	<5	8	<50
391715090332201	03-31-86	<50	1	70	<.5	180	<3	<5	<5	<5	<50
					Grundy County						
411030088163001	03-14-86	<50	1	60	<1.0	500	<3	<5	<5	10	2,200
411324088235701	04-09-86	<50	<1	50	<.5	<50	<3	<5	<5	13	790
411331088155301	04-08-86	230	<1	20	<.5	840	<3	<5	<5	37	1,800
412646088193401	04-09-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	<50
412648088193101	04-09-86	<50	<1	30	<.5	50	<3	<5	<5	11	100
412652088193001	04-09-86	80	<1	40	<.5	<50	9	14	20	30	1,100
					Hancock County						
401409091034201	01-15-86	<50	<1	70	<.5	<50	<3	<5	<5	<5	1,200
401518091123901	11-15-85	<50	<1	200	<.5	280	<3	<5	<5	<5	1,400
401518091123902	01-15-86	<50	<1	200	<.5	270	<3	<5	<5	<5	1,200
401923090550201	01-16-86	<50	10	30	<.5	<50	<3	<5	<5	<5	<50
403458090575601	09-12-86	<50	8	300	<.5	60	<3	<5	<5	25	3,500
					Henderson County						
405512090573601	04-03-85	<50	<1	40	<1.0	<50	<3	130	5	21	1,000
405616090565201	06-04-86	<50	<1	30	<.5	<50	<3	<5	<5	<5	<50
405753090562201	06-05-86	<50	<1	100	<.5	<50	<3	<5	5	<5	2,800

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recov-erable (µg/L as Pb)	Manga-nese, total recov-erable (µg/L as Mn)	Mercury total recov-erable (µg/L as Mg)	Nickel, total recov-erable (µg/L as Ni)	Sele-nium, total (µg/L as Se)	Silver, total recov-erable (µg/L as Ag)	Stron-tium, total recov-erable (µg/L as Sr)	Vana-dium, total (µg/L as V)	Zinc, total recov-erable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Fayette County						
390759089073101	07-10-86	<5	150	<0.01	8	<1	<3	190	5	<50	<0.01
390759089073102	07-10-86	<5	140	<.01	7	<1	<3	160	<5	<50	<.01
					Ford County						
402719088082301	01-22-86	<5	30	<.01	<5	<1	<3	710	<5	<50	<.01
402719088084501	02-21-85	<5	31	<.01	8	<1	<3	700	<5	<50	<.01
402750088161701	02-12-86	<5	20	<.01	<5	1	<3	1,300	<5	<50	<.01
402750088161901	02-12-86	<5	12	<.01	<5	1	<3	1,300	<5	<100	<.01
402755088061201	01-22-86	<5	37	<.01	<5	1	<3	1,000	<5	<50	<.01
402756088060301	01-22-86	<5	31	<.01	<5	<1	<3	530	<5	<50	<.01
402816088223401	01-23-86	<5	120	.03	<5	<1	<3	770	<5	<50	<.01
402817088222201	01-22-86	<5	40	.03	<5	<1	<3	1,000	<5	<50	<.01
402818088224901	02-19-86	<5	93	.02	<5	<1	<3	720	<5	<50	<.01
402826088222401	01-23-86	<5	37	<.01	<5	1	<3	1,100	<5	<50	<.01
403405088150001	02-20-86	<5	19	.02	<5	<1	<3	1,300	<5	<50	<.01
403406088145701	02-20-86	<5	19	.02	<5	<1	<3	1,300	<5	<50	<.01
403510088225701	02-12-86	<5	5	<.01	<5	<1	<3	1,000	<5	<50	<.01
403540088231401	02-12-86	<5	12	<.01	<5	<1	<3	1,100	<5	<50	<.01
403658088111201	03-27-86	<5	59	<.01	6	<1	<3	1,300	<5	<50	<.01
403700088111301	03-27-86	<5	59	<.01	<5	<1	<3	1,100	<5	<50	<.01
404530088114501	02-26-86	<5	20	<.01	<5	<1	<3	610	<5	<50	<.01
404532088111201	02-26-86	<5	20	<.01	<5	<1	<3	630	<5	<50	<.01
405611088141701	01-21-86	<5	72	<.01	<5	<1	<3	3,300	<5	<50	<.01
405614088142001	01-21-86	<5	74	<.01	<5	1	<3	3,900	<5	130	<.01
					Fulton County						
402151090111501	11-06-85	<5	420	<.01	<5	3	<3	120	<5	<50	<.01
402151090111701	11-06-85	<5	280	<.01	<5	1	<3	130	<5	<50	<.01
402152090111401	11-06-85	<5	360	.05	<5	2	<3	150	<5	<50	<.01
402152090111601	11-06-85	<5	390	<.01	<5	2	<3	140	<5	<50	<.01
404013090223501	12-17-85	<5	51	<.01	<5	<1	<3	600	<5	<50	<.01

404016090223601	07-30-86	<5	71	<.01	<5	<1	<3	650	<5	<50	<.01
404234090162901	12-18-85	<5	<5	<.01	<5	<1	<3	140	<5	<50	<.01
404234090163101	12-18-85	<5	<5	<.01	<5	1	<3	150	<5	<50	<.01

Gallatin County

374207088094201	03-26-85	<5	180	<.10	8	1	4	120	<5	<50	<.01
374325088134701	03-25-85	<5	120	<.10	10	<1	6	90	<5	<50	<.01
374351088151401	12-17-86	<5	100	<.05	<5	<1	<3	450	<5	<50	<.01
375419088065001	02-26-86	<5	620	<.01	<5	<1	<3	150	<5	<50	<.01

Greene County

391330090202701	04-01-86	<5	240	<.01	7	<1	<3	120	<5	<50	<.01
391426090274801	04-15-87	<5	54	<.05	<5	<1	<3	250	<5	<50	<.01
391714090332201	03-31-86	<5	340	<.01	<5	<1	<3	140	6	<50	<.01
391715090332201	03-31-86	<5	13	<.01	<5	2	<3	110	5	<50	<.01

Grundy County

411030088163001	03-14-86	<5	38	.49	<5	1	<3	490	<5	<50	<.01
411324088235701	04-09-86	<5	130	<.01	<5	<1	<3	150	<5	<50	<.01
411331088155301	04-08-86	7	50	<.01	<5	<1	<3	870	<5	330	<.01
412646088193401	04-09-86	<5	39	<.01	<5	<1	<3	190	<5	<50	<.01
412648088193101	04-09-86	<5	88	<.01	<5	<1	<3	190	<5	<50	<.01
412652088193001	04-09-86	13	190	<.01	28	<1	20	170	17	<100	<.01

Hancock County

401409091034201	01-15-86	<5	450	.03	<5	<1	<3	300	<5	<50	<.01
401518091123901	11-15-85	<5	20	<.01	<5	<1	<3	510	<5	<50	<.01
401518091123902	01-15-86	<5	19	<.01	<5	<1	<3	530	<5	<50	<.01
401923090550201	01-16-86	<5	<5	<.01	<5	<1	<3	70	<5	<50	<.01
403458090575601	09-12-86	<5	360	<.05	<5	<1	<3	250	<5	<50	<.01

Henderson County

405512090573601	04-03-85	<5	560	<.10	74	1	<3	100	<5	<50	<.01
405616090565201	06-04-86	<5	<5	<.01	<5	<1	<3	70	<5	<50	<.01
405753090562201	06-05-86	<5	830	<.01	<5	<1	4	110	<5	<100	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Fayette County						
390759089073101	07-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390759089073102	07-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Ford County						
402719088082301	01-22-86	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402719088084501	02-21-85	<5	--	--	--	--	--	--	--	--
402750088161701	02-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402750088161901	02-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402755088061201	01-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402756088060301	01-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402816088223401	01-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402817088222201	01-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
402818088224901	02-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402826088222401	01-23-86	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403405088150001	02-20-86	10	--	--	--	--	--	--	--	--
403406088145701	02-20-86	10	--	--	--	--	--	--	--	--
403510088225701	02-12-86	<5	--	--	--	--	--	--	--	--
403540088231401	02-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403658088111201	03-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
403700088111301	03-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
404530088114501	02-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404532088111201	02-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405611088141701	01-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
405614088142001	01-21-86	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
				Fulton County						
402151090111501	11-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402151090111701	11-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402152090111401	11-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402152090111601	11-06-85	5	--	--	--	--	--	--	--	--
404013090223501	12-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

404016090223601	07-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404234090162901	12-18-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404234090163101	12-18-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
					Gallatin County					
374207088094201	03-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
374325088134701	03-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
374351088151401	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
375419088065001	02-26-86	<5	--	--	--	--	--	--	--	--
					Greene County					
391330090202701	04-01-86	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391426090274801	04-15-87	<5	18	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391714090332201	03-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391715090332201	03-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Grundy County					
411030088163001	03-14-86	<5	27	13	6.1	<1.0	<1.0	<1.0	<1.0	--
411324088235701	04-09-86	<5	7.8	10	7.2	<1.0	<1.0	<1.0	<1.0	<1.0
411331088155301	04-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412646088193401	04-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
412648088193101	04-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
412652088193001	04-09-86	<5	<1.0	<1.0	1.2	4.5	<1.0	--	<1.0	<1.0
					Hancock County					
401409091034201	01-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401518091123901	11-15-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
401518091123902	01-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401923090550201	01-16-86	<5	2.4	2.6	1.1	1.7	<1.0	--	<1.0	<1.0
403458090575601	09-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Henderson County					
405512090573601	04-03-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
405616090565201	06-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405753090562201	06-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Fayette County					
390759089073101	07-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
390759089073102	07-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
					Ford County					
402719088082301	01-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402719088084501	02-21-85	--	--	--	--	--	--	--	--	--
402750088161701	02-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402750088161901	02-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402755088061201	01-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402756088060301	01-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402816088223401	01-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402817088222201	01-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402818088224901	02-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402826088222401	01-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403405088150001	02-20-86	--	--	--	--	--	--	--	--	--
403406088145701	02-20-86	--	--	--	--	--	--	--	--	--
403510088225701	02-12-86	--	--	--	--	--	--	--	--	--
403540088231401	02-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403658088111201	03-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403700088111301	03-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404530088114501	02-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404532088111201	02-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405611088141701	01-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405614088142001	01-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Fulton County					
402151090111501	11-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402151090111701	11-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402152090111401	11-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402152090111601	11-06-85	--	--	--	--	--	--	--	--	--
404013090223501	12-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

404016090223601	07-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404234090162901	12-18-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404234090163101	12-18-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Gallatin County

374207088094201	03-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
374325088134701	03-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
374351088151401	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
375419088065001	02-26-86	--	--	--	--	--	--	--	--	--

Greene County

391330090202701	04-01-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391426090274801	04-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391714090332201	03-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391715090332201	03-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Grundy County

411030088163001	03-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411324088235701	04-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411331088155301	04-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412646088193401	04-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412648088193101	04-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412652088193001	04-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Hancock County

401409091034201	01-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401518091123901	11-15-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
401518091123902	01-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401923090550201	01-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403458090575601	09-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Henderson County

405512090573601	04-03-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405616090565201	06-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405753090562201	06-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Henry County			
412807090192501	02-17-87	1240	Green River Well No. 5	17002	17002	--
412832090082901	04-09-85	1510	Geneseo Well No. 25	17002	17002	30.50
	04-29-86	1135	Geneseo Well No. 25	17002	17002	--
412843090082801	04-29-86	1230	Geneseo Well No. 26	17002	17002	--
412958090093201	02-24-87	1045	Country Estates Subdivision Well No. 1	17002	17002	--
			Iroquois County			
403059088041201	06-18-86	1740	Loda Well No. 1	17002	17002	--
403059088041202	06-18-86	1710	Loda Well No. 2	17002	17002	--
403143088054701	08-01-85	1115	Bayles Lake Lot Owners Association Well No. 7	17002	17002	--
403216088055401	08-01-85	1010	Lake Iroquois Well No. 2	17002	17002	--
403551088021301	07-30-85	1220	Buckley Well No. 3	17002	17002	--
403551088021302	07-30-85	1100	Buckley Well No. 4	17002	17002	--
403713087413901	06-18-86	1410	Milford Well No. 7	17002	17002	21.00
403715087413901	06-18-86	1305	Milford Well No. 8	17002	17002	46.00
	06-18-86	1310	Milford Well No. 8	17002	17002	46.00
404247087434701	08-06-85	1240	Woodland Well No. 5	17002	17002	62.00
404255088002701	07-31-85	1245	Onarga Well No. 3	17002	17002	--
404255088002702	07-31-85	1155	Onarga Well No. 4	17002	17002	--
404557087591701	07-30-85	1355	Gilman Well No. 1	17002	17002	--
404557087592101	07-31-85	1350	Gilman Well No. 2	17002	17002	--
404625087335301	08-06-85	1930	Sheldon Well No. 4	17002	17002	--
404629087453801	03-13-85	1255	Watseka Well No. 7	81700	17002	--
404646087425501	07-31-85	1020	Watseka Well No. 6	17002	17002	--
			Jackson County			
373755089301601	01-08-86	1345	Grand Tower Well No. 1	17002	17002	--
373757089301701	01-08-86	1455	Grand Tower Well No. 2	17002	17002	--
374307089290401	01-09-86	1115	Gorham Well No. 1	17002	17002	--

			Jasper County			
385618088012101	06-03-87	1315	Ste. Marie Well No. 2	17002	17002	--
385950088084801	05-28-87	1005	Newton Well No. 4	17002	17002	--
385953088085601	05-28-87	1100	Newton Well No. 3	17002	17002	--
			Jersey County			
385810090270201	04-15-87	1110	Grafton Well No. 2	17002	17002	--
385810090270401	04-15-87	1125	Grafton Well No. 3	17002	17002	--
385810090323801	07-08-86	1345	Pere Marquette State Park Well No. 2	17002	17002	--
390621090344301	04-01-86	1115	Jerseyville Well No. 1	17002	17002	--
390622090344901	04-01-86	1200	Jerseyville Well No. 2	17002	17002	--
			Jo Daviess County			
422919090382901	10-21-86	1130	East Dubuque Well No. 4 (Local Well No. 3)	17002	17002	53.00
422931090384701	10-21-86	1220	East Dubuque Well No. 3 (Local Well No. 2)	17002	17002	--
			Kane County			
414357088183401	11-07-86	1427	Pleasant Village Well No. 1	17002	17002	--
414529088264301	03-07-85	0930	Sugar Grove Well No. 2	81700	17002	67.00
	12-10-86	1150	Sugar Grove Well No. 2	81700	17002	--
	05-11-87	1155	Sugar Grove Well No. 2	81700	17002	73.00
414529088264302	01-30-86	1015	Sugar Grove Well No. 3	17002	17002	56.00
414702088250501	10-17-85	1030	Prestbury Utility Subdivision Well No. 1	17002	17002	--
415335088281701	10-07-85	1405	Elburn Well No. 2	17002	17002	117.40
	10-16-86	1345	Elburn Well No. 2	17002	17002	--
415427088354901	10-25-85	1325	Maple Park Well No. 2	17002	17002	--
415450088202201	11-13-85	1005	St. Charles Well No. 7	17002	17002	--
415635088182201	02-21-85	0950	St. Charles Well No. 9	81700	17002	31.00
415642088263101	03-13-86	1015	Ferson Creek Utility Well No. 3	17002	17002	--
415642088263102	03-13-86	0935	Ferson Creek Utility Well No. 2	17002	17002	--
415734088175001	10-17-85	1420	St. Charles Skyline Well No. 1	17002	17002	--
	10-16-86	0905	St. Charles Skyline Well No. 1	17002	17002	--
415734088175301	10-17-85	1430	St. Charles Skyline Well No. 2	17002	17002	--
415741088192201	03-14-86	1005	River Grange Lake Subdivision Well No. 1	17002	17002	--
415924088171701	10-07-85	1035	South Elgin Well No. 3	17002	17002	54.00
	10-15-86	1305	South Elgin Well No. 3	17002	17002	--
420000088181301	01-31-86	1000	South Elgin Well No. 4	17002	17002	73.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Henry County							
412807090192501	02-17-87	--	E5.0	--	7.40	--	10.5	49	23	58	4.3
412832090082901	04-09-85	430	550	600	7.20	-95	12.5	87	29	7.2	1.2
	04-29-86	275	495	590	7.10	-99	12.5	89	28	6.4	1.0
412843090082801	04-29-86	330	E625	645	7.00	-134	12.5	91	30	8.1	1.3
412958090093201	02-24-87	5	120	--	7.20	--	10.5	95	37	38	1.3
				Iroquois County							
403059088041201	06-18-86	20	107	--	--	--	--	110	38	42	.8
403059088041202	06-18-86	40	85	470	7.40	-167	13.5	110	42	43	2.1
403143088054701	08-01-85	725	100	775	7.00	-161	14.0	93	34	33	1.7
403216088055401	08-01-85	130	80	745	6.80	-178	14.5	87	33	31	2.3
403551088021301	07-30-85	80	100	1,470	7.10	-143	14.5	170	75	71	3.3
403551088021302	07-30-85	>1,440	E100	1,470	7.10	-148	14.5	170	75	71	3.3
403713087413901	06-18-86	37	--	490	7.20	-123	12.0	120	55	22	2.2
403715087413901	06-18-86	45	400	485	7.30	-122	12.0	110	55	25	2.8
	06-18-86	50	400	485	7.30	-122	12.0	110	54	25	2.7
404247087434701	08-06-85	1,000	E50	820	7.40	-165	16.5	85	36	45	2.3
404255088002701	07-31-85	165	300	1,150	7.50	-52	14.0	130	53	62	3.2
404255088002702	07-31-85	115	E250	1,160	7.50	-38	14.5	130	54	62	3.3
404557087591701	07-30-85	105	260	1,310	7.00	-167	14.0	140	58	79	3.6
404557087592101	07-31-85	380	280	1,260	6.90	-161	14.0	140	56	76	3.5
404625087335301	08-06-85	90	--	525	7.60	-159	13.5	40	22	50	2.6
404629087453801	03-13-85	60	420	750	7.50	-209	14.0	58	26	69	3.6
404646087425501	07-31-85	80	460	500	7.50	-200	14.0	36	13	63	2.4
				Jackson County							
373755089301601	01-08-86	70	E90	732	6.30	46	15.5	120	16	11	2.9
373757089301701	01-08-86	60	150	674	6.20	64	15.0	110	13	18	3.4
374307089290401	01-09-86	195	E80	676	6.70	-170	16.0	84	20	13	5.5

					Jasper County						
385618088012101	06-03-87	1,440	E20	490	6.90	--	19.5	120	48	58	1.7
385950088084801	05-28-87	365	200	--	--	--	--	70	25	9.7	.6
385953088085601	05-28-87	50	75	--	--	--	--	73	24	11	.6
					Jersey County						
385810090270201	04-15-87	>1,440	130	--	7.20	--	15.0	100	31	45	2.7
385810090270401	04-15-87	25	180	--	7.30	--	15.0	110	37	160	6.8
385810090323801	07-08-86	330	100	1,130	7.20	--	16.5	100	49	91	3.5
390621090344301	04-01-86	135	630	1,050	6.90	-112	14.0	110	46	11	2.3
390622090344901	04-01-86	420	740	715	6.90	-78	14.0	94	42	17	1.0
					Jo Daviess County						
422919090382901	10-21-86	80	550	1,020	6.90	686	13.5	110	53	33	2.3
422931090384701	10-21-86	28	560	1,530	6.90	462	13.5	140	71	85	4.3
					Kane County						
414357088183401	11-07-86	--	--	--	--	--	--	110	58	26	1.7
414529088264301	03-07-85	--	560	1,000	7.00	-92	12.0	110	57	35	3.2
	12-10-86	6	485	970	7.00	30	11.5	100	56	34	2.1
	05-11-87	115	526	990	7.20	-21	13.0	110	55	34	2.1
414529088264302	01-30-86	14	--	--	--	--	--	110	59	35	3.1
414702088250501	10-17-85	135	300	765	7.20	-110	11.5	110	57	8.4	1.5
415335088281701	10-07-85	125	85	510	7.30	-168	11.5	41	23	53	1.7
	10-16-86	25	75	--	--	--	--	--	--	--	--
415427088354901	10-25-85	35	70	--	--	--	--	66	34	21	7.1
415450088202201	11-13-85	80	E1,800	670	7.30	-134	10.5	79	43	8.7	1.2
415635088182201	02-21-85	650	1,180	780	7.00	159	11.0	86	44	26	2.9
415642088263101	03-13-86	17	E210	--	--	--	--	96	45	9.6	1.3
415642088263102	03-13-86	41	E190	--	7.50	-155	11.0	86	39	19	1.3
415734088175001	10-17-85	35	250	--	--	--	--	95	53	6.1	1.7
	10-16-86	25	250	--	--	--	--	--	--	--	--
415734088175301	10-17-85	45	250	--	--	--	--	100	55	5.9	1.8
415741088192201	03-14-86	50	E165	--	7.40	-117	11.0	83	53	15	1.4
415924088171701	10-07-85	70	365	645	7.40	-197	12.0	74	40	14	2.6
	10-15-86	25	365	--	6.70	-125	12.0	--	--	--	--
420000088181301	01-31-86	58	410	--	7.30	52	11.0	100	55	21	2.7

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Henry County						
412807090192501	02-17-87	--	361	<10	3.0	0.6	10	376	<0.10	1.50	<0.01
412832090082901	04-09-85	240	233	94	9.2	.1	26	429	<.10	.18	.09
	04-29-86	--	235	92	11	.2	27	424	<.10	.22	.08
412843090082801	04-29-86	--	256	96	13	.2	27	456	<.10	.11	.27
412958090093201	02-24-87	--	288	41	100	.1	22	515	7.70	<.10	.06
					Iroquois County						
403059088041201	06-18-86	433	433	91	2.6	.2	--	500	<.10	3.60	.24
403059088041202	06-18-86	428	428	95	2.6	.2	--	523	<.10	3.40	.22
403143088054701	08-01-85	398	411	70	<1.0	.2	18	528	<.10	2.60	.32
403216088055401	08-01-85	352	364	91	<1.0	.1	17	563	<.10	1.30	.18
403551088021301	07-30-85	338	353	570	2.5	.1	20	1,390	<.10	2.70	.03
403551088021302	07-30-85	343	360	580	3.0	.1	20	1,430	<.10	2.90	.06
403713087413901	06-18-86	311	311	210	22	.3	--	665	<.10	.30	.04
403715087413901	06-18-86	319	319	200	17	.3	--	603	<.10	.52	.05
	06-18-86	322	322	200	18	.3	--	597	<.10	.63	.05
404247087434701	08-06-85	474	460	14	8.3	.3	16	574	<.10	6.40	.63
404255088002701	07-31-85	316	326	390	4.6	.2	15	1,330	<.10	1.80	.07
404255088002702	07-31-85	315	323	390	4.4	.2	15	1,180	<.10	1.80	.10
404557087591701	07-30-85	335	346	420	23	.3	16	1,480	<.10	1.70	.06
404557087592101	07-31-85	332	315	390	20	.3	16	1,340	<.10	1.70	.06
404625087335301	08-06-85	309	300	<10	1.3	.8	13	475	<.10	.56	.04
404629087453801	03-13-85	400	387	<10	27	.3	13	392	<.10	6.20	1.90
404646087425501	07-31-85	282	300	<10	1.7	.5	15	472	<.10	1.90	1.00
					Jackson County						
373755089301601	01-08-86	359	336	50	9.9	<.1	--	482	2.20	<.10	.11
373757089301701	01-08-86	310	303	60	9.3	<.1	--	465	2.50	<.10	.12
374307089290401	01-09-86	319	270	50	14	.2	--	420	<.10	.70	.90

					Jasper County						
385618088012101	06-03-87	--	235	36	14	.1	17	312	<.10	.33	.26
385950088084801	05-28-87	--	233	40	15	.1	15	439	2.60	<.01	<.01
385953088085601	05-28-87	--	234	47	17	.1	14	358	2.20	<.10	<.01
					Jersey County						
385810090270201	04-15-87	--	299	56	72	.2	18	538	<.10	.86	.15
385810090270401	04-15-87	--	293	95	260	.4	23	877	<.10	1.40	.21
385810090323801	07-08-86	446	446	42	110	.3	--	660	<.10	1.00	.24
390621090344301	04-01-86	--	424	42	10	.2	24	498	<.10	.16	.26
390622090344901	04-01-86	--	382	21	24	.2	26	458	<.10	.11	.83
					Jo Daviess County						
422919090382901	10-21-86	--	379	83	79	1.0	22	634	4.10	<.10	.02
422931090384701	10-21-86	--	420	91	240	.3	21	983	4.60	.22	.06
					Kane County						
414357088183401	11-07-86	--	383	170	45	.3	18	645	<.10	.17	.01
414529088264301	03-07-85	372	370	110	68	<.1	13	633	.51	<.10	.01
	12-10-86	--	388	100	58	.2	--	642	.40	<.10	.02
	05-11-87	--	377	110	55	.1	14	610	.36	<.10	<.01
414529088264302	01-30-86	--	363	100	76	.2	15	707	<.10	<.10	.01
414702088250501	10-17-85	376	373	92	19	.2	18	555	.16	.30	.03
415335088281701	10-07-85	320	315	<10	1.2	.7	17	345	<.10	2.40	.11
	10-16-86	--	--	--	--	--	--	--	--	--	--
415427088354901	10-25-85	--	330	<10	5.4	.7	9.9	388	<.10	.64	1.70
415450088202201	11-13-85	308	290	100	27	.2	16	510	<.10	.18	.01
415635088182201	02-21-85	334	317	61	40	.1	11	478	1.10	<.10	.01
415642088263101	03-13-86	--	397	48	8.2	.4	24	585	<.10	.30	.03
415642088263102	03-13-86	363	363	42	12	.5	21	491	<.10	.41	.04
415734088175001	10-17-85	--	338	84	8.8	.9	16	485	.15	.38	.71
	10-16-86	--	--	--	--	--	--	--	-	-	-
415734088175301	10-17-85	--	358	92	8.2	.2	16	503	.16	.56	.01
415741088192201	03-14-86	363	359	80	13	.5	20	615	<.10	.38	.02
415924088171701	10-07-85	315	309	43	27	.3	12	451	<.10	.17	.02
	10-15-86	--	--	--	--	--	--	--	-	-	-
420000088181301	01-31-86	342	350	110	55	.2	15	614	.70	<.10	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Henry County						
412807090192501	02-17-87	<50	<1	200	<0.5	360	<3	<5	<5	<5	330
412832090082901	04-09-85	<50	1	200	<1.0	<50	3	<5	5	<5	1,200
	04-29-86	<50	1	200	<.5	<50	<3	<5	<5	<5	1,400
412843090082801	04-29-86	<50	7	200	<1.0	<50	<3	<5	<5	<5	2,800
412958090093201	02-24-87	<50	<1	90	<.5	<50	<3	<5	<5	<5	<50
					Iroquois County						
403059088041201	06-18-86	70	<1	80	<2.0	680	<3	<5	<5	19	1,400
403059088041202	06-18-86	60	<1	70	<2.0	730	<3	7	<5	<5	2,400
403143088054701	08-01-85	<50	<1	100	<.5	660	<3	<5	<5	<5	1,500
403216088055401	08-01-85	<50	<1	40	<.5	560	<3	<5	<5	<5	1,400
403551088021301	07-30-85	<50	<1	20	<.5	1,000	<3	<5	<5	12	1,700
403551088021302	07-30-85	<50	<1	20	<.5	1,100	<3	<5	<5	<5	1,500
403713087413901	06-18-86	60	1	40	2.0	270	<3	<5	<5	<5	3,400
403715087413901	06-18-86	100	2	90	2.0	270	<3	<5	<5	<5	3,100
	06-18-86	100	2	90	3.0	260	<3	6	<5	<5	3,000
404247087434701	08-06-85	<50	<1	200	<.5	180	<3	<5	<5	8	1,300
404255088002701	07-31-85	<50	1	30	<.5	1,100	<3	<5	<5	<5	1,800
404255088002702	07-31-85	<50	1	30	<.5	1,100	<3	<5	<5	<5	3,200
404557087591701	07-30-85	<50	<1	40	<.5	980	<3	<5	<5	<5	1,900
404557087592101	07-31-85	<50	<1	40	<.5	1,000	<3	<5	<5	<5	2,000
404625087335301	08-06-85	<50	<1	50	<.5	710	<3	<5	<5	<5	560
404629087453801	03-13-85	<50	39	200	<.5	510	<3	<5	<5	<5	2,200
404646087425501	07-31-85	<50	2	80	<.5	1,000	<3	<5	<5	<5	570
					Jackson County						
373755089301601	01-08-86	<50	<1	100	<.5	<50	<3	<5	<5	11	80
373757089301701	01-08-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	<50
374307089290401	01-09-86	<50	2	600	<.5	80	<3	<5	8	<5	28,000

					Jasper County						
385618088012101	06-03-87	720	4	70	<2.0	<50	<3	<5	<5	<5	1,500
385950088084801	05-28-87	<50	<1	50	2.0	<50	<3	<5	<5	<5	170
385953088085601	05-28-87	<50	<1	50	2.0	<50	<3	<5	<5	<5	130
					Jersey County						
385810090270201	04-15-87	<50	<1	100	<.5	80	<3	<5	6	<5	930
385810090270401	04-15-87	<50	<1	200	<.5	250	<3	<5	<5	<5	1,700
385810090323801	07-08-86	70	18	400	<2.0	200	<3	<5	<5	<5	4,200
390621090344301	04-01-86	<50	3	90	<.5	50	<3	<5	6	<5	3,500
390622090344901	04-01-86	<50	1	60	<.5	<50	<3	<5	<5	<5	790
					Jo Daviess County						
422919090382901	10-21-86	<50	<1	60	<.5	70	3	<5	6	6	<50
422931090384701	10-21-86	<50	<1	90	<.5	80	4	<5	6	<5	<50
					Kane County						
414357088183401	11-07-86	120	2	90	<.5	160	<3	<5	<5	<5	1,800
414529088264301	03-07-85	<50	<1	50	<.5	120	<3	<5	<5	<5	640
	12-10-86	50	<1	50	<.5	100	<3	<5	7	26	690
	05-11-87	50	<1	50	<.5	120	<3	<5	6	<5	670
414529088264302	01-30-86	<50	<1	60	<.5	70	<3	<5	<5	<5	1,900
414702088250501	10-17-85	<50	<1	90	<.5	<50	<3	<5	<5	<5	2,300
415335088281701	10-07-85	<50	8	80	<.5	300	<3	<5	<5	<5	1,700
	10-16-86	--	--	--	--	--	--	--	--	--	--
415427088354901	10-25-85	<50	13	700	<.5	280	<3	<5	<5	16	5,700
415450088202201	11-13-85	<50	<1	100	<.5	<50	<3	<5	<5	<5	1,800
415635088182201	02-21-85	<50	<1	50	<2.0	70	<3	<5	<5	<5	<5
415642088263101	03-13-86	<50	<1	100	<1.0	50	<3	<5	<5	<5	1,300
415642088263102	03-13-86	<50	<1	100	<.5	110	<3	<5	<5	<5	1,400
415734088175001	10-17-85	<50	1	100	<1.0	<50	<3	<5	<5	<5	1,800
	10-16-86	--	--	--	--	--	--	--	--	--	--
415734088175301	10-17-85	<50	<1	100	<1.0	<50	<3	<5	<5	<5	1,500
415741088192201	03-14-86	<50	4	90	<.5	130	<3	<5	<5	<5	1,500
415924088171701	10-07-85	<50	<1	100	<2.0	100	<3	<5	7	<5	2,000
	10-15-86	--	--	--	--	--	--	--	--	--	--
420000088181301	01-31-86	<50	<1	70	<.5	70	<3	<5	<5	<5	<50

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Henry County						
412807090192501	02-17-87	<5	8	0.08	<5	<1	<3	500	<5	<100	<0.01
412832090082901	04-09-85	<5	82	<.10	7	<1	<3	150	<5	<50	<.01
	04-29-86	<5	100	<.01	<5	<1	<3	150	<5	<50	<.01
412843090082801	04-29-86	<5	120	<.01	<5	<1	<3	140	<5	<50	<.01
412958090093201	02-24-87	<5	<5	<.05	<5	<1	<3	140	<5	<50	<.01
					Iroquois County						
403059088041201	06-18-86	<5	67	<.01	<5	<1	<3	480	<5	<50	<.01
403059088041202	06-18-86	<5	78	.03	7	<1	<3	520	<5	110	<.01
403143088054701	08-01-85	<5	56	<.01	<5	<1	<3	600	<5	<50	<.01
403216088055401	08-01-85	<5	74	<.01	<5	<1	<3	510	<5	<50	<.01
403551088021301	07-30-85	<5	320	<.01	<5	<1	<3	1,300	<5	<50	<.01
403551088021302	07-30-85	<5	310	<.01	<5	<1	<3	1,200	<5	<50	<.01
403713087413901	06-18-86	<5	210	<.01	9	<1	<3	680	<5	<50	<.01
403715087413901	06-18-86	<5	150	<.01	14	<1	<3	700	7	<50	<.01
	06-18-86	<5	150	<.01	9	<1	<3	700	5	<50	<.01
404247087434701	08-06-85	<5	38	<.01	<5	2	<3	500	<5	<50	<.01
404255088002701	07-31-85	<5	97	<.01	<5	<1	<3	890	<5	<50	<.01
404255088002702	07-31-85	<5	120	<.01	<5	<1	<3	910	<5	<50	<.01
404557087591701	07-30-85	<5	70	<.01	<5	1	<3	1,100	<5	<50	<.01
404557087592101	07-31-85	<5	67	<.01	<5	<1	<3	1,100	<5	<50	<.01
404625087335301	08-06-85	<5	14	<.01	<5	2	<3	1,200	<5	<50	<.01
404629087453801	03-13-85	<5	20	<.10	<5	<1	<3	670	<5	<50	<.01
404646087425501	07-31-85	<5	16	<.01	<5	1	<3	280	<5	<50	<.01
					Jackson County						
373755089301601	01-08-86	<5	<5	<.01	<5	2	<3	130	<5	<50	<.01
373757089301701	01-08-86	<5	20	<.01	<5	2	<3	140	<5	<50	<.01
374307089290401	01-09-86	<5	860	<.01	<5	<1	<3	300	<5	<50	<.01

					Jasper County						
385618088012101	06-03-87	<5	170	<.05	<5	<1	<3	250	7	<50	<.01
385950088084801	05-28-87	<5	230	<.05	<5	<1	<3	80	5	<50	<.01
385953088085601	05-28-87	<5	260	<.05	<5	<1	<3	80	5	<50	<.01
					Jersey County						
385810090270201	04-15-87	<5	300	<.05	<5	<1	<3	340	<5	<50	<.01
385810090270401	04-15-87	<5	490	<.05	<5	<1	<3	780	<5	<50	<.01
385810090323801	07-08-86	<5	370	<.01	9	<1	<3	430	6	<50	<.01
390621090344301	04-01-86	<5	490	.04	<5	<1	3	280	5	<50	<.01
390622090344901	04-01-86	<5	1,200	<.01	<5	<1	<3	180	<5	<50	<.01
					Jo Daviess County						
422919090382901	10-21-86	<5	43	.29	6	1	6	140	<5	<50	<.01
422931090384701	10-21-86	<5	<5	.08	8	1	5	170	<5	<50	<.01
					Kane County						
414357088183401	11-07-86	<5	31	<.05	<5	<1	<3	460	<5	140	<.01
414529088264301	03-07-85	<5	120	<.01	<5	<1	<3	110	<5	<50	<.01
	12-10-86	<5	120	<.05	<5	<1	<3	100	<5	<50	<.01
	05-11-87	<5	110	<.05	<5	<1	<3	100	<5	<50	<.01
414529088264302	01-30-86	<5	71	<.01	<5	<1	<3	110	<5	<100	<.01
414702088250501	10-17-85	<5	53	<.01	<5	<1	<3	150	<5	<50	<.01
415335088281701	10-07-85	<5	22	<.01	<5	<1	<3	1,200	<5	<50	<.01
	10-16-86	--	--	--	--	--	--	--	--	--	--
415427088354901	10-25-85	<5	21	<.01	<5	<1	<3	1,300	<5	210	<.01
415450088202201	11-13-85	<5	32	<.01	<5	<1	<3	340	<5	<50	<.01
415635088182201	02-21-85	<5	<5	<.01	7	<1	<3	100	<5	<50	<.01
415642088263101	03-13-86	<5	19	.02	<5	<1	<3	800	<5	<50	.02
415642088263102	03-13-86	<5	20	.02	<5	<1	<3	1,200	<5	<50	<.01
415734088175001	10-17-85	<5	51	<.01	<5	<1	<3	340	<5	<50	<.01
	10-16-86	--	--	--	--	--	--	--	--	--	--
415734088175301	10-17-85	<5	49	<.01	<5	<1	<3	410	<5	<50	<.01
415741088192201	03-14-86	<5	32	<.01	<5	<1	<3	660	<5	<50	<.01
415924088171701	10-07-85	<5	54	<.01	<5	<1	4	540	5	<50	<.01
	10-15-86	--	--	--	--	--	--	--	--	--	--
420000088181301	01-31-86	<5	72	.02	<5	<1	<3	210	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Henry County					
412807090192501	02-17-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412832090082901	04-09-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	04-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412843090082801	04-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412958090093201	02-24-87	<5	--	--	--	--	--	--	--	--
					Iroquois County					
403059088041201	06-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403059088041202	06-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403143088054701	08-01-85	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	--
403216088055401	08-01-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403551088021301	07-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403551088021302	07-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403713087413901	06-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403715087413901	06-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-18-86	<5	--	--	--	--	--	--	--	--
404247087434701	08-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404255088002701	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404255088002702	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404557087591701	07-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404557087592101	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404625087335301	08-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404629087453801	03-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404646087425501	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
					Jackson County					
373755089301601	01-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
373757089301701	01-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
374307089290401	01-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

					Jasper County					
385618088012101	06-03-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385950088084801	05-28-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385953088085601	05-28-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Jersey County					
385810090270201	04-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385810090270401	04-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385810090323801	07-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390621090344301	04-01-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
390622090344901	04-01-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
					Jo Daviess County					
422919090382901	10-21-86	<5	2.0	5.0	5.0	1.0	<1.0	<1.0	<1.0	<1.0
422931090384701	10-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Kane County					
414357088183401	11-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414529088264301	03-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414529088264302	01-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
414702088250501	10-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415335088281701	10-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-16-86	--	--	--	--	--	--	--	--	--
415427088354901	10-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415450088202201	11-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415635088182201	02-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415642088263101	03-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415642088263102	03-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415734088175001	10-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-16-86	--	--	--	--	--	--	--	--	--
415734088175301	10-17-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415741088192201	03-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415924088171701	10-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-15-86	--	--	--	--	--	--	--	--	--
420000088181301	01-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Henry County					
412807090192501	02-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412832090082901	04-09-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412843090082801	04-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412958090093201	02-24-87	--	--	--	--	--	--	--	--	--
					Iroquois County					
403059088041201	06-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403059088041202	06-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403143088054701	08-01-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403216088055401	08-01-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403551088021301	07-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403551088021302	07-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403713087413901	06-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403715087413901	06-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-18-86	--	--	--	--	--	--	--	--	--
404247087434701	08-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404255088002701	07-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404255088002702	07-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404557087591701	07-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404557087592101	07-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404625087335301	08-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404629087453801	03-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404646087425501	07-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Jackson County					
373755089301601	01-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
373757089301701	01-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
374307089290401	01-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

					Jasper County					
385618088012101	06-03-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385950088084801	05-28-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385953088085601	05-28-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Jersey County					
385810090270201	04-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385810090270401	04-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385810090323801	07-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
390621090344301	04-01-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
390622090344901	04-01-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
					Jo Daviess County					
422919090382901	10-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422931090384701	10-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Kane County					
414357088183401	11-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414529088264301	03-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414529088264302	01-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414702088250501	10-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415335088281701	10-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-16-86	--	--	--	--	--	--	--	--	--
415427088354901	10-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415450088202201	11-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415635088182201	02-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415642088263101	03-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415642088263102	03-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415734088175001	10-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-16-86	--	--	--	--	--	--	--	--	--
415734088175301	10-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415741088192201	03-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415924088171701	10-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-15-86	--	--	--	--	--	--	--	--	--
420000088181301	01-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Kane County--Continued			
420032088171601	01-31-86	1155	South Elgin Well No. 5	17002	17002	27.00
420309088325301	10-21-85	1025	Burlington Well No. 1	17002	17002	--
420555088165501	02-20-85	1230	West Dundee Well No. 2	81700	17002	--
420606088162001	09-23-85	1005	East Dundee Well No. 2	17002	17002	50.00
420612088161101	09-23-85	1046	East Dundee Well No. 3	17002	17002	--
	10-15-86	1120	East Dundee Well No. 3	17002	17002	--
420715088165101	01-31-86	1400	Carpentersville Well No. 3	17002	17002	--
420720088154601	02-20-85	1430	Carpentersville Well No. 6	81700	17002	133.50
	02-20-85	1435	Carpentersville Well No. 6	81700	17002	133.50
420720088162101	06-25-86	1030	Lake Marian Water Corporation Well No. 3	17002	17002	--
	06-25-86	1035	Lake Marian Water Corporation Well No. 3	17002	17002	--
420727088153901	10-30-85	1435	Carpentersville Well No. 5	17002	17002	--
420821088242001	10-17-86	1200	Powers Water Incorporated Well No. 1	17002	17002	--
			Kankakee County			
410010087550801	03-13-85	0845	Chebanse Well No. 3	81700	17002	93.00
			Kendall County			
413730088262601	03-13-86	1435	Yorkville Well No. 2	17002	17002	15.00
413957088313001	01-29-86	1240	Plano Well No. 5	17002	17002	--
	01-29-86	1245	Plano Well No. 5	17002	17002	--
413958088313501	01-29-86	1110	Plano Well No. 4	17002	17002	13.50
	08-28-86	1125	Plano Well No. 4	17002	17002	--
413959088312801	08-28-86	1035	Plano Well No. 2	17002	17002	--
414000088313301	01-29-86	1410	Plano Well No. 3	17002	17002	--
			Knox County			
404643090002301	05-06-86	1130	Yates City Well No. 1	17002	17002	--

420941088082701	10-02-85	1020	Barrington Well No. 3	17002	17002	97.00
	07-30-86	1450	Barrington Well No. 3	17002	17002	94.00
420949088082601	03-06-85	0930	Barrington Well No. 4	81700	17002	92.00
421244088082401	10-01-85	1220	Lake Barrington Shores Well No. 1	17002	17002	--
	07-29-86	1015	Lake Barrington Shores Well No. 1	17002	17002	80.00
421406087594401	02-20-87	1010	Towner Subdivision Well No. 2	17002	17002	--
421431087571801	02-27-87	0930	Vernon Hills Well No. 2	17002	17002	--
	02-27-87	0940	Vernon Hills Well No. 2	17002	17002	--
421431087583601	02-27-87	1005	Vernon Hills Well No. 1	17002	17002	--
421505088045101	02-19-87	1235	Glenkirk Campus South Well No. 3	17002	17002	--
421507088044801	02-19-87	1325	Glenkirk Campus South Well No. 4	17002	17002	--
421601088054401	02-19-87	1200	Glenkirk Campus North Well No. 2	17002	17002	--
421602088054201	02-19-87	1135	Glenkirk Campus North Well No. 1	17002	17002	--
421625088115001	08-14-85	1000	Island Lake Water Company Well No. 1	17002	17002	--
421652088003601	03-27-85	0905	Mundelein Well No. 5	81700	17002	90.00
	12-17-86	1140	Mundelein Well No. 5	17002	17002	96.00
421656088113801	07-16-86	1120	Island Lake Water Company Well No. 2	17002	17002	--
421658088001601	12-17-86	1045	Mundelein Well No. 7	17002	17002	130.00
421703087521001	03-20-87	1010	Rockland Mobile Home Park Well No. 1	17002	17002	--
421704087521001	03-20-87	1025	Rockland Mobile Home Park Well No. 2	17002	17002	--
421818087565201	02-25-87	0925	Countryside Manor Subdivision Well No. 1	17002	17002	--
422025087593601	02-24-87	0935	Wildwood Subdivision Well No. 3	17002	17002	--
422225088102501	02-19-87	1045	Hilldale Manor Water Company Well No. 1	17002	17002	--
422225088102502	02-19-87	1030	Hilldale Manor Water Company Well No. 2	17002	17002	--
422230088090502	03-20-87	1250	Duck Lake Woods Water Association Well No. 2	17002	17002	--
422244088032901	12-16-86	1525	Round Lake Beach Well No. 6	17002	17002	--
422320087593601	07-31-85	1350	Grandwood Park Well No. 1	17002	17002	--
422320088091801	06-19-85	1120	Fox Lake Well No. 3	17002	17002	--
	07-30-86	1005	Fox Lake Well No. 3	17002	17002	--
422335087594901	07-22-86	1035	Grandwood Park Well No. 2	17002	17002	87.00
422347087593901	07-31-85	1520	Grandwood Park Well No. 3	17002	17002	85.00
	07-22-86	1000	Grandwood Park Well No. 3	17002	17002	--
422356088105201	02-26-85	1540	Fox Lake Well No. 2	81700	17002	30.00
	06-19-85	1020	Fox Lake Well No. 2	17002	17002	41.00
422406087541901	08-19-85	1205	Countryside Estates Well No. 1	17002	17002	--
422407088073801	10-24-85	1010	Fox Lake Hills Subdivision Well No. 2	17002	17002	40.00
422447088044001	06-19-85	1550	Lake Villa Well No. 2	17002	17002	113.00
	07-11-86	1050	Lake Villa Well No. 2	17002	17002	104.00
422447088044002	06-19-85	1440	Lake Villa Well No. 4	17002	17002	113.00
422451088073601	10-24-85	1105	Fox Lake Hills Subdivision Well No. 1	17002	17002	78.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Kane County--Continued							
420032088171601	01-31-86	55	495	--	7.20	-80	11.5	100	53	30	3.0
420309088325301	10-21-85	40	--	--	--	--	--	74	36	17	2.1
420555088165501	02-20-85	120	490	1,050	7.20	124	13.0	110	51	41	3.2
420606088162001	09-23-85	95	450	1,080	7.20	117	14.0	72	39	32	2.2
420612088161101	09-23-85	--	--	--	--	--	--	77	42	18	2.4
	10-15-86	15	1,050	--	--	--	--	--	--	--	--
420715088165101	01-31-86	75	1,200	--	7.30	-121	10.5	100	53	19	2.4
420720088154601	02-20-85	115	2,200	765	7.10	-102	12.0	87	49	7.8	2.0
	02-20-85	120	2,200	765	7.10	-102	12.0	89	50	8.0	2.0
420720088162101	06-25-86	60	E35	447	7.20	-92	11.0	100	55	13	2.8
	06-25-86	65	E35	447	7.20	-92	11.0	97	52	13	2.7
420727088153901	10-30-85	140	2,520	705	7.30	-99	11.0	94	51	5.5	1.8
420821088242001	10-17-86	15	400	--	--	--	--	86	40	3.2	1.1
				Kankakee County							
410010087550801	03-13-85	105	--	1,040	7.20	-227	13.0	85	41	96	9.1
				Kendall County							
413730088262601	03-13-86	45	E55	--	7.30	-62	9.5	96	47	16	2.1
413957088313001	01-29-86	50	975	--	7.30	134	8.0	83	42	6.5	1.9
	01-29-86	55	975	--	7.30	134	8.0	83	41	6.5	1.9
413958088313501	01-29-86	35	550	--	7.30	137	7.5	85	44	9.9	2.6
	08-28-86	100	570	355	7.20	301	15.0	--	--	--	--
413959088312801	08-28-86	50	200	345	7.30	178	10.5	91	45	6.9	1.5
414000088313301	01-29-86	50	320	--	7.30	108	10.0	81	43	6.9	2.3
				Knox County							
404643090002301	05-06-86	125	125	635	--	165	13.5	120	53	25	.6

Lake County

420941088082701	10-02-85	65	E1,200	910	7.40	-136	11.5	100	62	13	1.8
	07-30-86	40	1,300	445	7.30	-111	11.0	--	--	--	--
420949088082601	03-06-85	95	1,050	835	7.10	-138	11.5	94	59	11	1.5
421244088082401	10-01-85	360	300	995	7.20	-152	12.0	84	64	49	2.2
	07-29-86	195	300	480	7.40	-113	11.5	--	--	--	--
421406087594401	02-20-87	35	135	1,240	7.90	-143	11.0	83	60	100	2.1
421431087571801	02-27-87	40	1,200	705	7.20	-120	18.5	79	23	27	12
	02-27-87	50	1,200	705	7.20	-120	18.5	83	23	26	11
421431087583601	02-27-87	60	1,250	--	--	--	--	82	22	24	10
421505088045101	02-19-87	--	E64	--	--	--	--	65	53	11	1.1
421507088044801	02-19-87	5	--	--	--	--	--	54	52	11	1.1
421601088054401	02-19-87	8	E40	--	--	--	--	78	55	6.3	.9
421602088054201	02-19-87	10	E15	--	--	--	--	94	56	7.4	.9
421625088115001	08-14-85	60	290	830	7.00	-142	12.5	95	52	12	1.8
421652088003601	03-27-85	140	470	865	7.70	-88	12.0	69	41	74	1.8
	12-17-86	36	460	845	7.60	-118	11.5	67	38	63	1.2
421656088113801	07-16-86	50	250	--	7.40	-125	12.0	95	48	11	1.6
421658088001601	12-17-86	45	465	895	7.70	-109	11.5	71	42	63	1.2
421703087521001	03-20-87	--	12	--	--	--	--	40	31	79	2.7
421704087521001	03-20-87	--	12	--	--	--	--	44	34	78	2.6
421818087565201	02-25-87	85	E120	--	--	--	--	58	39	92	1.5
422025087593601	02-24-87	215	125	535	8.10	-201	11.5	28	18	56	.7
422225088102501	02-19-87	10	E100	--	--	--	--	96	49	7.8	1.2
422225088102502	02-19-87	24	E165	--	--	--	--	96	50	6.7	1.2
422230088090502	03-20-87	5	E100	--	--	--	--	110	61	35	3.2
422244088032901	12-16-86	25	900	--	--	--	--	64	18	17	6.4
422320087593601	07-31-85	90	107	630	7.40	-180	12.0	40	35	46	1.3
422320088091801	06-19-85	200	110	785	7.30	-166	12.5	77	55	22	1.4
	07-30-86	1,445	107	430	7.40	-118	12.0	--	--	--	--
422335087594901	07-22-86	25	110	345	7.90	-186	11.0	48	38	52	1.3
422347087593901	07-31-85	60	--	645	7.40	-189	12.0	41	33	48	1.2
	07-22-86	48	E250	325	7.80	-187	11.0	--	--	--	--
422356088105201	02-26-85	100	E295	755	7.20	-164	12.5	84	46	12	2.4
	06-19-85	60	E300	695	7.30	-172	13.0	--	--	--	--
422406087541901	08-19-85	60	20	655	8.40	-188	12.5	21	15	100	1.7
422407088073801	10-24-85	60	540	740	7.90	-154	12.0	79	57	20	1.6
422447088044001	06-19-85	60	115	625	7.70	-189	12.0	42	48	30	1.1
	07-11-86	80	120	305	7.70	-157	11.5	--	--	--	--
422447088044002	06-19-85	420	150	580	7.80	-191	12.0	36	41	33	1.0
422451088073601	10-24-85	120	25	655	7.90	-181	12.0	46	51	38	1.4

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Kane County--Continued						
420032088171601	01-31-86	348	356	100	57	0.2	14	643	0.21	<0.10	<0.01
420309088325301	10-21-85	--	360	<10	2.4	.5	25	361	<.10	3.60	.12
420555088165501	02-20-85	348	333	74	110	.2	13	654	3.70	<.10	<.01
420606088162001	09-23-85	--	291	41	63	.7	18	513	.42	<.10	<.01
420612088161101	09-23-85	--	315	47	39	.2	16	460	<.10	.66	.03
	10-15-86	--	--	--	--	--	--	--	--	--	--
420715088165101	01-31-86	361	359	92	44	.2	18	596	<.10	<.10	.01
420720088154601	02-20-85	346	329	77	27	.3	18	476	<.10	.13	.01
	02-20-85	346	334	77	26	.3	18	478	<.10	<.10	.01
420720088162101	06-25-86	341	341	75	51	.2	--	622	<.10	<.10	.01
	06-25-86	344	344	76	50	.2	--	612	<.10	<.10	.01
420727088153901	10-30-85	335	328	75	21	.2	19	528	<.10	<.10	.01
420821088242001	10-17-86	--	318	55	17	.3	16	430	<.10	<.10	<.01
					Kankakee County						
410010087550801	03-13-85	250	239	360	4.2	.6	6.9	729	<.10	.85	<.01
					Kendall County						
413730088262601	03-13-86	259	255	90	35	.1	9.4	474	5.60	<.10	.02
413957088313001	01-29-86	309	307	68	12	.2	16	526	2.10	<.10	.01
	01-29-86	309	306	64	13	.2	15	559	2.10	<.10	.01
413958088313501	01-29-86	306	302	52	24	.2	16	546	5.90	<.10	<.01
	08-28-86	--	--	--	--	--	--	--	--	--	--
413959088312801	08-28-86	313	313	77	14	.2	14	470	1.40	<.10	<.01
414000088313301	01-29-86	301	301	56	14	.2	16	560	3.30	<.10	.01
					Knox County						
404643090002301	05-06-86	--	258	150	39	.2	17	747	29.0	<.10	<.01

Lake County

420941088082701	10-02-85	380	364	140	30	.3	26	691	<.10	.56	<.01
	07-30-86	--	--	--	--	--	--	--	--	--	--
420949088082601	03-06-85	362	350	110	22	.3	26	560	<.10	.35	<.01
421244088082401	10-01-85	273	253	300	9.0	.7	--	752	<.10	.66	.01
	07-29-86	--	--	--	--	--	--	--	--	--	--
421406087594401	02-20-87	--	105	590	5.2	.6	17	899	<.10	.60	<.01
421431087571801	02-27-87	--	264	110	19	.8	8.1	610	<.10	.49	<.01
	02-27-87	--	266	100	19	.8	7.9	542	<.10	.53	<.01
421431087583601	02-27-87	--	267	100	17	.9	7.9	556	<.10	.48	<.01
421505088045101	02-19-87	--	360	45	23	.5	26	585	<.10	.34	<.01
421507088044801	02-19-87	--	329	45	2.6	.5	26	423	<.10	.42	<.01
421601088054401	02-19-87	--	370	54	5.7	.4	31	478	<.10	.34	<.01
421602088054201	02-19-87	--	361	97	20	.3	24	494	<.10	<.10	<.01
421625088115001	08-14-85	418	399	51	25	.2	24	508	<.10	<.10	.02
421652088003601	03-27-85	162	168	320	3.9	.8	18	613	<.10	.43	.04
	12-17-86	--	175	310	4.5	.8	--	533	<.10	.51	.01
421656088113801	07-16-86	314	314	94	28	.2	--	499	<.10	<.10	<.01
421658088001601	12-17-86	--	176	320	6.1	.8	18	556	<.10	.38	<.01
421703087521001	03-20-87	--	145	240	9.8	.7	15	482	<.10	.31	<.01
421704087521001	03-20-87	--	148	260	13	.7	15	511	<.10	.31	<.01
421818087565201	02-25-87	--	149	370	20	.7	15	654	<.10	.34	<.01
422025087593601	02-24-87	--	139	150	2.6	1.1	16	408	<.10	.27	<.01
422225088102501	02-19-87	--	359	45	39	.2	--	515	<.10	<.10	<.01
422225088102502	02-19-87	--	359	42	39	.2	--	496	<.10	<.10	<.01
422230088090502	03-20-87	--	386	66	91	.3	28	632	<.10	.37	<.01
422244088032901	12-16-86	--	257	29	4.5	1.0	7.6	--	.10	.16	<.01
422320087593601	07-31-85	182	194	180	1.3	1.0	20	621	<.10	.45	<.01
422320088091801	06-19-85	391	391	46	38	.5	29	674	<.10	.27	.03
	07-30-86	--	--	--	--	--	--	--	--	--	--
422335087594901	07-22-86	172	172	200	2.2	.9	--	512	<.10	.38	<.01
422347087593901	07-31-85	169	183	200	1.5	1.0	19	645	<.10	.40	.01
	07-22-86	--	--	--	--	--	--	--	--	--	--
422356088105201	02-26-85	374	367	40	21	.3	23	481	<.10	.15	.02
	06-19-85	--	--	--	--	--	--	--	--	--	--
422406087541901	08-19-85	104	101	230	8.0	.9	9.5	483	<.10	.21	.03
422407088073801	10-24-85	363	354	79	6.8	.5	27	502	<.10	.21	.06
422447088044001	06-19-85	303	302	78	1.4	.9	28	471	<.10	.32	.01
	07-11-86	--	--	--	--	--	--	--	--	--	--
422447088044002	06-19-85	263	271	110	1.9	.9	25	416	<.10	.31	.01
422451088073601	10-24-85	283	280	100	1.8	.8	25	443	.10	.51	.02

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Kane County--Continued						
420032088171601	01-31-86	<50	<1	90	<.5	100	<3	5	<5	<5	670
420309088325301	10-21-85	<50	5	200	<.5	100	<3	<5	<5	69	3,500
420555088165501	02-20-85	<50	<1	90	<1.0	100	7	<5	<5	6	50
420606088162001	09-23-85	<50	<1	70	<.5	70	<3	<5	<5	<5	<50
420612088161101	09-23-85	<50	<1	100	<.5	<50	<3	<5	<5	<5	280
	10-15-86	--	--	--	--	--	--	--	--	--	--
420715088165101	01-31-86	<50	3	100	<.5	50	<3	<5	<5	<5	1,900
420720088154601	02-20-85	<50	3	100	<.5	<50	<3	<5	<5	<5	1,700
	02-20-85	60	3	100	<1.0	<50	3	<5	<5	<5	1,700
420720088162101	06-25-86	<50	1	100	<1.0	<50	<3	<5	<5	<5	1,700
	06-25-86	<50	1	100	<1.0	<50	<3	<5	6	<5	1,600
420727088153901	10-30-85	<50	<1	100	<.5	<50	<3	<5	<5	<5	1,800
420821088242001	10-17-86	<50	1	50	<.5	<50	<3	<5	<5	<5	1,500
					Kankakee County						
410010087550801	03-13-85	<50	<1	10	<.5	2,200	<3	<5	<5	<5	160
					Kendall County						
413730088262601	03-13-86	90	2	60	<1.0	<50	<3	<5	7	170	5,600
413957088313001	01-29-86	<50	<1	50	<.5	<50	<3	<5	<5	110	<50
	01-29-86	<50	<1	50	<.5	<50	<3	<5	5	110	<50
413958088313501	01-29-86	<50	<1	50	<.5	<50	<3	<5	<5	100	<50
	08-28-86	--	--	--	--	--	--	--	--	--	--
413959088312801	08-28-86	<50	<1	50	6.0	<50	<3	<5	5	<5	100
414000088313301	01-29-86	<50	<1	50	<.5	<50	<3	<5	<5	<5	<50
					Knox County						
404643090002301	05-06-86	<50	<1	80	<2.0	<50	<3	<5	<5	<5	<50

Lake County

420941088082701	10-02-85	<80	<1	100	<.5	70	<3	<5	<5	<5	1,500
	07-30-86	--	--	--	--	--	--	--	--	--	--
420949088082601	03-06-85	<50	<1	80	<.5	70	<3	<5	<5	<5	1,400
421244088082401	10-01-85	<50	<1	20	<1.0	370	<3	<3	<5	<5	1,300
	07-29-86	--	--	--	--	--	--	--	--	--	--
421406087594401	02-20-87	60	<1	10	<.5	700	<3	<5	<5	<5	100
421431087571801	02-27-87	<50	<1	40	<.5	400	<3	<5	<5	<5	500
	02-27-87	<50	<1	40	<.5	400	<3	<5	<5	<5	500
421431087583601	02-27-87	<50	<1	40	<.5	390	<3	<5	<5	<5	380
421505088045101	02-19-87	80	<1	50	<.5	120	<3	<5	<5	<5	2,100
421507088044801	02-19-87	80	<1	30	<.5	170	<3	<5	<5	<5	1,100
421601088054401	02-19-87	80	<1	70	<.5	<50	<3	<5	<5	<5	870
421602088054201	02-19-87	80	<1	90	<.5	<50	<3	<5	<5	<5	2,200
421625088115001	08-14-85	<50	<1	70	<.5	60	<3	<5	<5	<5	1,700
421652088003601	03-27-85	<50	<1	10	<.5	450	<3	6	<5	<5	270
	12-17-86	<50	<1	10	<.5	440	<3	<5	<5	<5	300
421656088113801	07-16-86	<50	<1	50	<.5	<50	<3	<5	8	<5	1,100
421658088001601	12-17-86	<50	<1	20	<.5	460	<3	<5	<5	<5	240
421703087521001	03-20-87	60	<1	30	<.5	660	<3	<5	<5	7	200
421704087521001	03-20-87	60	<1	20	<.5	660	<3	<5	<5	<5	230
421818087565201	02-25-87	<50	<1	10	<.5	560	<3	<5	<5	<5	190
422025087593601	02-24-87	<50	<1	20	<.5	500	<3	<5	<5	<5	80
422225088102501	02-19-87	70	<1	40	<.5	<50	<3	<5	<5	8	140
422225088102502	02-19-87	70	<1	50	<.5	<50	<3	<5	<5	<5	1,800
422230088090502	03-20-87	120	<1	100	<.5	<50	4	<5	10	<5	2,900
422244088032901	12-16-86	<50	<1	90	<.5	160	<3	<5	<5	<5	300
422320087593601	07-31-85	<50	1	20	<.5	390	<3	<5	<5	<5	310
422320088091801	06-19-85	<50	<1	70	<.5	60	<3	<5	<5	<5	1,500
	07-30-86	--	--	--	--	--	--	--	--	--	--
422335087594901	07-22-86	<50	<1	20	<2.0	360	<3	<5	<5	5	340
422347087593901	07-31-85	<50	<1	20	<.5	390	<3	<5	<5	<5	300
	07-22-86	--	--	--	--	--	--	--	--	--	--
422356088105201	02-26-85	<50	<1	70	<1.0	<50	<3	<5	<5	<5	1,800
	06-19-85	--	--	--	--	--	--	--	--	--	--
422406087541901	08-19-85	<50	<1	10	<.5	820	<3	<5	<5	<5	230
422407088073801	10-24-85	<50	<1	60	<.5	120	<3	<5	<5	<5	2,100
422447088044001	06-19-85	<50	6	50	<.5	210	<3	<5	<5	<5	580
	07-11-86	--	--	--	--	--	--	--	--	--	--
422447088044002	06-19-85	<50	5	50	<.5	240	<3	<5	<5	<5	470
422451088073601	10-24-85	<50	<1	60	<.5	290	<3	<5	>5	6	510

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Kane County--Continued							
420032088171601	01-31-86	<5	85	<0.01	<5	<1	<3	180	<5	<50	<0.01
420309088325301	10-21-85	5	33	<.01	<5	<1	<3	930	<5	<50	<.01
420555088165501	02-20-85	6	38	<.10	<5	<1	<3	190	<5	<50	<.01
420606088162001	09-23-85	<5	<5	<.01	<5	<1	<3	130	<5	<50	<.01
420612088161101	09-23-85	<5	55	<.01	<5	2	<3	200	<5	<50	<.01
	10-15-86	--	--	--	--	--	--	--	--	--	--
420715088165101	01-31-86	<5	52	<.01	<5	<1	<3	180	<5	<50	<.01
420720088154601	02-20-85	<5	39	<.10	<5	<1	<3	160	<5	<50	<.01
	02-20-85	<5	40	<.01	7	<1	<3	160	<5	<50	<.01
420720088162101	06-25-86	<5	57	.07	<5	<1	<3	160	<5	<50	<.01
	06-25-86	<5	55	<.01	<5	<1	3	150	<5	<50	<.01
420727088153901	10-30-85	<5	45	<.01	<5	<1	<3	130	<5	<50	<.01
420821088242001	10-17-86	<5	62	<.05	<5	<1	<3	70	<5	<50	<.01
				Kankakee County							
410010087550801	03-13-85	<5	<5	<.10	<5	<1	<3	1,900	<5	<50	<.01
				Kendall County							
413730088262601	03-13-86	36	62	.02	10	1	4	80	6	<50	<.01
413957088313001	01-29-86	<5	<5	<.01	<5	1	<3	150	<5	<50	<.01
	01-29-86	<5	<5	<.01	<5	1	<3	150	<5	<50	<.01
413958088313501	01-29-86	<5	<5	<.01	<5	1	<3	110	<5	<50	<.01
	08-28-86	--	--	--	--	--	--	--	--	--	--
413959088312801	08-28-86	<5	13	.03	<5	<1	<3	150	<5	<50	<.01
414000088313301	01-29-86	<5	<5	<.01	<5	2	<3	150	<5	<50	<.01
				Knox County							
404643090002301	05-06-86	<5	7	<.01	<5	<1	<3	170	<5	<50	<.01

Lake County

420941088082701	10-02-85	<5	21	.16	<5	<1	<4	620	<5	<50	<.01
	07-30-86	--	--	--	--	--	--	--	--	--	--
420949088082601	03-06-85	<5	14	<.01	<5	<1	<3	750	<5	<50	<.01
421244088082401	10-01-85	<1	23	<.01	<5	<1	<3	1,900	<5	<50	<.01
	07-29-86	--	--	--	--	--	--	--	--	--	--
421406087594401	02-20-87	<5	10	<.05	<5	<1	<3	2,400	<5	<50	<.01
421431087571801	02-27-87	<5	12	<.05	<5	<1	<3	6,700	<5	<50	<.01
	02-27-87	<5	13	<.05	<5	<1	<3	6,300	<5	<50	<.01
421431087583601	02-27-87	<5	10	<.05	<5	<1	<3	6,500	<5	<50	<.01
421505088045101	02-19-87	<5	21	<.05	<5	<1	<3	670	<5	<100	<.01
421507088044801	02-19-87	<5	6	<.05	<5	<1	<3	970	<5	710	<.01
421601088054401	02-19-87	<5	10	<.05	<5	<1	<3	620	<5	<100	<.01
421602088054201	02-19-87	<5	38	<.05	<5	<1	<3	480	<5	<50	<.01
421625088115001	08-14-85	<5	42	.09	<5	<1	<3	190	<5	<50	<.01
421652088003601	03-27-85	<5	11	<.10	8	<1	6	3,700	<5	<50	<.01
	12-17-86	<5	11	<.05	<5	<1	<3	1,600	<5	<50	<.01
421656088113801	07-16-86	<5	36	.05	<5	<1	<3	90	<5	<50	<.01
421658088001601	12-17-86	<5	11	<.05	<5	<1	<3	1,900	<5	<50	<.01
421703087521001	03-20-87	<5	6	<.05	<5	<1	<3	2,100	<5	<50	<.01
421704087521001	03-20-87	<5	6	<.05	<5	<1	<3	2,300	<5	<50	<.01
421818087565201	02-25-87	<5	10	<.05	<5	<1	<3	1,700	<5	<50	<.01
422025087593601	02-24-87	<5	<5	<.05	<5	<1	<3	1,100	<5	<50	<.01
422225088102501	02-19-87	<5	43	<.05	<5	<1	<3	100	<5	<50	<.01
422225088102502	02-19-87	<5	47	<.05	<5	<1	<3	90	<5	<50	<.01
422230088090502	03-20-87	<5	45	<.05	13	<1	6	280	10	<50	<.01
422244088032901	12-16-86	<5	5	<.05	<5	<1	<3	6,400	<5	<50	<.01
422320087593601	07-31-85	<5	<5	<.01	<5	1	<3	1,600	<5	<50	<.01
422320088091801	06-19-85	<5	41	<.01	<5	<1	<3	560	<5	<50	<.01
	07-30-86	--	--	--	--	--	--	--	--	--	-
422335087594901	07-22-86	<5	11	<.01	<5	<1	<3	1,700	<5	<50	<.01
422347087593901	07-31-85	<5	<5	<.01	<5	<1	<3	1,600	<5	<50	<.01
	07-22-86	--	--	--	--	--	--	--	--	--	-
422356088105201	02-26-85	<5	50	<.10	<5	<1	<3	150	<5	<50	<.01
	06-19-85	--	--	--	--	--	--	--	--	--	-
422406087541901	08-19-85	<5	<5	<.01	<5	<1	<3	920	<5	<100	<.01
422407088073801	10-24-85	<5	32	<.01	<5	1	<3	700	<5	<50	<.01
422447088044001	06-19-85	<5	5	<.01	<5	<1	<3	1,100	<5	<50	<.01
	07-11-86	--	--	--	--	--	--	--	--	--	-
422447088044002	06-19-85	<5	<5	.06	<5	1	<3	1,200	<5	<50	<.01
422451088073601	10-24-85	<5	6	<.01	<5	<1	<3	1,700	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Kane County--Continued						
420032088171601	01-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420309088325301	10-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420555088165501	02-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420606088162001	09-23-85	<5	1.0	3.0	2.0	2.0	<1.0	<1.0	<1.0	--
420612088161101	09-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-15-86	--	--	--	--	--	--	--	--	--
420715088165101	01-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420720088154601	02-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	02-20-85	<5	--	--	--	--	--	--	--	--
420720088162101	06-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-25-86	<5	--	--	--	--	--	--	--	--
420727088153901	10-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420821088242001	10-17-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
				Kankakee County						
410010087550801	03-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
				Kendall County						
413730088262601	03-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413957088313001	01-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01-29-86	<5	--	--	--	--	--	--	--	--
413958088313501	01-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-28-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413959088312801	08-28-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414000088313301	01-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Knox County						
404643090002301	05-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Lake County

420941088082701	10-02-85	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-30-86	--	--	--	--	--	--	--	--	--
420949088082601	03-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421244088082401	10-01-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-29-86	--	--	--	--	--	--	--	--	--
421406087594401	02-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421431087571801	02-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421431087583601	02-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421505088045101	02-19-87	<5	81	9.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421507088044801	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421601088054401	02-19-87	<5	67	8.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0
421602088054201	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421625088115001	08-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421652088003601	03-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421656088113801	07-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421658088001601	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421703087521001	03-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421704087521001	03-20-87	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
421818087565201	02-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422025087593601	02-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422225088102501	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422225088102502	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422230088090502	03-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422244088032901	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422320087593601	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422320088091801	06-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-30-86	--	--	--	--	--	--	--	--	--
422335087594901	07-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422347087593901	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-22-86	--	--	--	--	--	--	--	--	--
422356088105201	02-26-85	<5	<1.0	2.0	2.0	<1.0	10	<1.0	<1.0	--
	06-19-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422406087541901	08-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422407088073801	10-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422447088044001	06-19-85	<5	--	--	--	--	--	--	--	--
	07-11-86	--	--	--	--	--	--	--	--	--
422447088044002	06-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422451088073601	10-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Kane County--Continued						
420032088171601	01-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420309088325301	10-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420555088165501	02-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420606088162001	09-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420612088161101	09-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-15-86	--	--	--	--	--	--	--	--	--
420715088165101	01-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420720088154601	02-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-20-85	--	--	--	--	--	--	--	--	--
420720088162101	06-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-25-86	--	--	--	--	--	--	--	--	--
420727088153901	10-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420821088242001	10-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Kankakee County						
410010087550801	03-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Kendall County						
413730088262601	03-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413957088313001	01-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01-29-86	--	--	--	--	--	--	--	--	--
413958088313501	01-29-86	<1.0	7.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-28-86	<1.0	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413959088312801	08-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414000088313301	01-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Knox County						
404643090002301	05-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Lake County

420941088082701	10-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-30-86	--	--	--	--	--	--	--	--	--
420949088082601	03-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421244088082401	10-01-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-29-86	--	--	--	--	--	--	--	--	--
421406087594401	02-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421431087571801	02-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421431087583601	02-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421505088045101	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421507088044801	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421601088054401	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421602088054201	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421625088115001	08-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421652088003601	03-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421656088113801	07-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421658088001601	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421703087521001	03-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421704087521001	03-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421818087565201	02-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422025087593601	02-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422225088102501	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422225088102502	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422230088090502	03-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422244088032901	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422320087593601	07-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422320088091801	06-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-30-86	--	--	--	--	--	--	--	--	--
422335087594901	07-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422347087593901	07-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-22-86	--	--	--	--	--	--	--	--	--
422356088105201	02-26-85	<1.0	10	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0
	06-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422406087541901	08-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422407088073801	10-24-85	<1.0	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422447088044001	06-19-85	--	--	--	--	--	--	--	--	--
	07-11-86	--	--	--	--	--	--	--	--	--
422447088044002	06-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422451088073601	10-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Lake County--Continued			
422451088073601	07-24-86	0908	Fox Lake Hills Subdivision Well No. 1	17002	17002	--
422452088021601	06-26-85	1455	Lindenhurst Well No. 1	17002	17002	58.00
	07-23-86	0950	Lindenhurst Well No. 1	17002	17002	--
422522087492701	04-08-87	1130	Shoreline Terrace Mobile Home Park Well No. 1	17002	17002	--
422526088012001	06-26-85	1345	Lindenhurst Well No. 2	17002	17002	48.00
	07-23-86	1035	Lindenhurst Well No. 2	17002	17002	--
422546088112901	07-30-86	1300	Fox Lake - Plant 2 Well No. 1	17002	17002	--
422546088113201	07-30-86	1205	Fox Lake - Plant 2 Well No. 2	17002	17002	63.50
422554088014701	07-23-86	1205	Lindenhurst Well No. 3	17002	17002	--
422554088014702	07-23-86	1250	Lindenhurst Well No. 4	17002	17002	--
422554088014703	07-23-86	1325	Lindenhurst Well No. 5	17002	17002	--
	07-23-86	1330	Lindenhurst Well No. 5	17002	17002	--
422757087492501	04-08-87	1040	Avalon Mobile Home Park Well No. 1	17002	17002	--
422812088052201	07-09-86	1215	Antioch Well No. 5	17002	17002	--
422828088051301	06-26-85	0955	Antioch Well No. 4	17002	17002	36.00
	07-09-86	1120	Antioch Well No. 4	17002	17002	40.00
422830088052501	02-27-85	0945	Antioch Well No. 3	81700	17002	60.00
	12-18-86	0915	Antioch Well No. 3	81700	17002	61.00
422844088055101	06-26-85	1105	Antioch Well No. 2	17002	17002	60.00
	07-09-86	0950	Antioch Well No. 2	17002	17002	42.00
422844088055201	07-09-86	1030	Antioch Well No. 1	17002	17002	--
422901087492901	02-27-85	1200	Winthrop Harbor Well No. 4	81700	17002	102.00
			La Salle County			
405905089024301	03-05-86	1130	Rutland Well No. 4	17002	17002	--
405907089024401	03-05-86	1045	Rutland Well No. 3	17002	17002	--
411121088585401	04-15-87	1100	Leonore Well No. 1	17002	17002	--
411122088585401	04-15-87	1020	Leonore Well No. 2	17002	17002	--
411308089041301	04-02-87	1210	Tonica Well No. 4	17002	17002	--

411310089040501	04-02-87	1140	Tonica Well No. 2	17002	17002	--
411311089040201	04-02-87	1045	Tonica Well No. 3	17002	17002	--
	04-02-87	1100	Tonica Well No. 3	17002	17002	--
411407088495101	04-08-87	1050	Grand Ridge Well No. 1	17002	17002	--
411411088493701	04-08-87	1125	Grand Ridge Well No. 3	17002	17002	131.00

Lawrence County

383444087391701	04-09-86	0945	St. Francisville Well No. 6	17002	17002	--
384328087362901	06-03-87	0945	Lawrenceville Well No. 9	17002	17002	--
384329087362801	06-03-87	1015	Lawrenceville Well No. 6	17002	17002	--
385014087402501	04-08-86	1440	Birds Pinkstaff Public Water District Well No. 1	17002	17002	--
385014087402502	04-08-86	1350	Birds Pinkstaff Public Water District Well No. 2	17002	17002	--

Lee County

414136089051101	06-26-86	1025	Compton Well No. 3	17002	17002	--
414955089315201	04-23-87	1110	Green Acres Mobile Home Park Well No. 1	17002	17002	--
415051089011301	07-11-86	1015	Steward Well No. 1	17002	17002	--

Livingston County

403909088235001	04-30-87	1105	Strawn Well No. 1	17002	17002	--
404410088305501	03-19-86	1215	Fairbury Well No. 1	17002	17002	--
404413088305501	03-19-86	1055	Fairbury Well No. 2	17002	17002	--
404415088305101	03-13-85	1240	Fairbury Well No. 4	81700	17002	26.00
404415088305301	03-19-86	1315	Fairbury Well No. 5	17002	17002	--
404431088240401	03-27-86	1420	Forrest Well No. 3	17002	17002	--
404431088241401	03-27-86	1530	Forrest Well No. 1	17002	17002	--
404515088174601	02-11-86	1145	Chatsworth Well No. 2	17002	17002	--
404533088173901	02-11-86	1005	Chatsworth Well No. 3	17002	17002	--
404551088172901	02-11-86	1415	Chatsworth Well No. 4	17002	17002	--
404604088173001	02-11-86	1345	Chatsworth Well No. 5	17002	17002	--
404957088400201	04-29-87	0930	Livingston Manor Well No. 1	17002	17002	--
405039088511701	04-28-87	1415	Salem Childrens Home Well No. 2	17002	17002	--
405042088511701	04-28-87	1340	Salem Childrens Home Well No. 1	17002	17002	--
405230088523101	02-05-86	1215	Flanagan Well No. 2	17002	17002	50.00
405236088513401	02-05-86	1345	Flanagan Well No. 3	17002	17002	53.00
	02-25-86	1350	Flanagan Well No. 3	17002	17002	53.00
405242088513701	02-05-86	1505	Flanagan Well No. 4	17002	17002	49.00
405246088161101	02-26-86	1030	Cullom Well No. 3	17002	17002	--
405249088155201	02-26-86	1130	Cullom Well No. 2	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
					Lake County						
422451088073601	07-24-86	21	25	--	--	--	--	--	--	--	--
422452088021601	06-26-85	180	325	600	7.80	-200	12.5	39	41	37	1.2
	07-23-86	60	E325	310	7.80	-166	11.5	--	--	--	--
422522087492701	04-08-87	3	E185	--	--	--	--	98	22	44	10
422526088012001	06-26-85	90	350	530	7.90	-204	12.0	31	32	43	1.2
	07-23-86	20	E350	--	--	--	--	--	--	--	--
422546088112901	07-30-86	33	--	--	--	--	--	85	43	5.5	1.5
422546088113201	07-30-86	38	750	310	7.50	-135	10.5	77	40	4.9	1.3
422554088014701	07-23-86	35	200	275	7.80	-156	11.0	37	41	34	1.3
422554088014702	07-23-86	32	250	255	7.80	-165	11.5	31	33	40	1.3
422554088014703	07-23-86	26	250	240	7.90	-172	11.5	29	28	44	1.4
	07-23-86	26	250	240	7.90	-172	11.5	29	27	44	1.3
422757087492501	04-08-87	7	E10	--	--	--	--	21	14	53	1.1
422812088052201	07-09-86	45	700	325	7.50	-165	11.0	60	41	30	2.1
422828088051301	06-26-85	150	600	545	7.60	-200	12.5	37	27	42	1.2
	07-09-86	50	600	275	7.70	-188	11.5	--	--	--	--
422830088052501	02-27-85	120	420	580	7.80	-186	12.0	38	28	54	1.6
	12-18-86	75	410	590	7.50	-121	12.0	38	28	45	1.1
422844088055101	06-26-85	210	250	500	7.80	-195	12.0	27	26	51	1.2
	07-09-86	35	250	255	7.80	-172	11.5	--	--	--	--
422844088055201	07-09-86	36	195	255	7.80	-186	11.5	30	27	50	1.9
422901087492901	02-27-85	60	150	485	7.80	-202	11.0	27	22	54	1.3
					La Salle County						
405905089024301	03-05-86	20	E45	1,790	7.70	-69	12.5	120	52	21	3.3
405907089024401	03-05-86	17	E45	1,650	7.60	-64	12.0	120	53	21	3.4
411121088585401	04-15-87	22	E50	670	7.20	85	13.5	89	37	17	4.3
411122088585401	04-15-87	E110	18	630	7.60	-222	13.5	44	24	80	2.5
411308089041301	04-02-87	20	210	1,050	7.80	-251	13.0	41	28	150	6.1

411310089040501	04-02-87	45	E25	805	7.80	-248	13.0	41	24	110	4.0
411311089040201	04-02-87	31	56	875	7.80	-266	13.0	42	26	120	4.8
	04-02-87	46	56	875	7.80	-266	13.0	42	25	120	4.7
411407088495101	04-08-87	27	114	590	7.80	-263	13.0	22	13	100	4.7
411411088493701	04-08-87	18	300	575	7.90	-210	13.0	20	13	93	4.5
				Lawrence County							
383444087391701	04-09-86	45	E200	425	7.00	-20	14.0	70	20	41	1.6
384328087362901	06-03-87	1,440	3,900	470	7.10	-67	17.5	63	16	3.0	.5
384329087362801	06-03-87	1,440	400	355	7.20	-29	21.0	68	22	13	.6
385014087402501	04-08-86	50	55	360	7.40	-182	14.5	51	19	45	1.0
385014087402502	04-08-86	40	65	460	7.50	-199	13.5	53	21	53	1.5
				Lee County							
414136089051101	06-26-86	85	105	470	7.10	--	12.0	46	20	42	1.0
414955089315201	04-23-87	--	--	--	--	--	--	87	46	9.7	2.0
415051089011301	07-11-86	22	50	495	7.40	-164	11.5	65	26	10	.8
				Livingston County							
403909088235001	04-30-87	--	59	260	9.00	-204	18.0	82	37	20	1.7
404410088305501	03-19-86	60	115	--	7.20	15	13.5	95	39	10	1.9
404413088305501	03-19-86	55	100	--	7.20	116	12.5	97	36	7.8	1.4
404415088305101	03-13-85	1,420	--	665	6.90	-8	12.5	93	34	5.2	1.5
404415088305301	03-19-86	30	E265	--	--	--	--	94	40	7.7	1.7
404431088240401	03-27-86	140	270	--	7.20	-122	11.5	82	40	64	2.4
404431088241401	03-27-86	30	350	--	--	--	--	83	40	61	2.4
404515088174601	02-11-86	285	100	--	7.40	-120	12.0	90	47	40	3.0
404533088173901	02-11-86	155	100	--	7.30	-118	11.5	110	48	53	3.0
404551088172901	02-11-86	20	200	--	--	--	--	100	48	62	3.3
404604088173001	02-11-86	38	320	--	--	--	--	100	48	61	3.4
404957088400201	04-29-87	--	56	--	--	--	--	96	38	41	1.3
405039088511701	04-28-87	--	E23	525	8.00	-211	18.5	69	43	210	3.6
405042088511701	04-28-87	--	E28	575	7.70	-167	14.0	78	47	200	3.8
405230088523101	02-05-86	75	50	--	8.00	-195	13.0	20	13	200	2.7
405236088513401	02-05-86	165	65	--	8.00	-186	13.0	20	12	210	2.7
	02-25-86	165	65	--	8.00	-186	13.0	20	12	210	2.7
405242088513701	02-05-86	41	50	--	8.00	-190	13.0	16	11	200	2.5
405246088161101	02-26-86	60	135	--	7.50	-138	11.5	250	100	180	5.1
405249088155201	02-26-86	34	--	--	--	--	--	200	79	160	5.1

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Lake County--Continued						
422451088073601	07-24-86	--	297	--	--	--	--	--	--	--	--
422452088021601	06-26-85	271	274	72	1.0	1.0	23	388	<0.10	0.35	0.01
	07-23-86	--	--	--	--	--	--	--	--	--	--
422522087492701	04-08-87	--	256	170	17	1.4	7.4	517	<.10	<.10	.11
422526088012001	06-26-85	234	236	74	1.2	1.0	21	364	<.10	.36	.01
	07-23-86	--	--	--	--	--	--	--	--	--	--
422546088112901	07-30-86	297	--	63	13	1.1	--	438	<.10	<.10	.06
422546088113201	07-30-86	291	--	54	7.3	.4	--	417	<.10	<.10	.01
422554088014701	07-23-86	276	--	39	<1.0	1.0	--	432	<.10	.30	.01
422554088014702	07-23-86	252	--	38	1.5	1.0	--	337	<.10	.32	<.01
422554088014703	07-23-86	218	--	51	2.2	1.1	--	460	<.10	.33	.01
	07-23-86	216	--	52	1.9	1.0	--	426	<.10	.31	.01
422757087492501	04-08-87	--	158	51	6.8	1.0	16	253	<.10	<.10	<.01
422812088052201	07-09-86	318	--	40	8.0	.8	--	457	<.10	.30	.01
422828088051301	06-26-85	238	239	73	6.8	.9	20	397	<.10	.93	.01
	07-09-86	--	--	--	--	--	--	--	--		
422830088052501	02-27-85	246	246	69	8.8	.9	18	390	<.10	.56	.01
	12-18-86	--	244	67	10	.9	--	343	<.10	.52	<.01
422844088055101	06-26-85	265	224	60	2.0	.7	16	354	<.10	.37	.01
	07-09-86	--	--	--	--	--	--	--	--	--	--
422844088055201	07-09-86	219	--	57	4.7	1.0	--	344	<.10	.31	.02
422901087492901	02-27-85	187	190	69	7.0	1.0	19	357	<.10	.22	<.01
					La Salle County						
405905089024301	03-05-86	190	276	230	32	.3	9.7	683	3.80	<.10	<.01
405907089024401	03-05-86	203	278	230	33	.3	10	875	3.50	<.10	.01
411121088585401	04-15-87	--	280	63	11	.3	9.8	429	2.80	<.10	.05
411122088585401	04-15-87	--	350	<10	1.9	.7	14	379	<.10	1.10	.06
411308089041301	04-02-87	--	413	10	130	1.0	8.0	588	<.10	3.50	.15

411310089040501	04-02-87	--	429	<10	41	1.0	9.5	463	<.10	3.20	.18
411311089040201	04-02-87	--	443	<10	57	1.0	8.5	522	<.10	3.70	.22
	04-02-87	--	440	<10	59	1.0	9.1	860	<.10	3.70	.21
411407088495101	04-08-87	--	326	<10	3.4	1.1	6.9	388	<.10	1.70	.10
411411088493701	04-08-87	--	320	<10	3.4	1.1	6.6	311	<.10	1.60	.08
					Lawrence County						
383444087391701	04-09-86	--	177	27	78	<.1	18	437	4.50	<.10	.08
384328087362901	06-03-87	--	229	30	9.2	<.1	12	310	2.30	<.10	<.01
384329087362801	06-03-87	--	158	34	6.8	<.1	11	277	6.40	<.10	<.01
385014087402501	04-08-86	--	279	<10	21	.2	13	323	<.10	2.50	.14
385014087402502	04-08-86	--	297	<10	33	.2	10	338	<.10	4.60	.32
					Lee County						
414136089051101	06-26-86	282	282	<10	<1.0	.8	--	287	<.10	.32	.12
414955089315201	04-23-87	--	--	52	18	.1	16	486	4.60	<.10	.03
415051089011301	07-11-86	288	288	12	<1.0	.3	--	290	<.10	<.10	.01
					Livingston County						
403909088235001	04-30-87	--	320	88	21	.3	12	536	<.10	<.10	.01
404410088305501	03-19-86	293	304	95	21	.2	8.0	493	.17	.19	.01
404413088305501	03-19-86	274	280	120	17	.2	6.8	512	.30	<.10	<.01
404415088305101	03-13-85	238	258	120	20	.2	5.7	438	.24	<.10	<.01
404415088305301	03-19-86	--	274	99	17	.2	6.1	466	1.50	<.10	<.01
404431088240401	03-27-86	--	532	<10	6.0	.4	19	516	<.10	8.80	.52
404431088241401	03-27-86	--	503	<10	5.3	.4	17	479	<.10	4.60	.41
404515088174601	02-11-86	350	350	170	2.8	.4	15	637	<.10	.79	.01
404533088173901	02-11-86	363	373	220	2.3	.6	17	696	<.10	5.00	.21
404551088172901	02-11-86	--	390	220	1.3	.5	14	701	<.10	5.20	.31
404604088173001	02-11-86	--	388	210	1.5	.5	14	699	<.10	5.00	.21
404957088400201	04-29-87	--	310	100	79	.1	9.8	565	.99	<.10	<.01
405039088511701	04-28-87	--	351	480	18	.3	7.9	975	<.10	3.60	.13
405042088511701	04-28-87	--	342	520	16	.3	8.3	1,020	<.10	3.60	.10
405230088523101	02-05-86	408	412	130	12	.5	12	650	<.10	2.20	.21
405236088513401	02-05-86	396	398	140	12	.5	11	678	<.10	2.40	.22
	02-25-86	396	401	140	12	.5	11	647	<.10	2.30	.23
405242088513701	02-05-86	446	444	44	12	.6	10	565	<.10	2.10	.25
405246088161101	02-26-86	178	127	1,300	14	.5	14	2,150	<.10	2.80	.07
405249088155201	02-26-86	--	126	1,200	14	.5	14	2,040	<.10	2.00	.10

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Lake County--Continued						
422451088073601	07-24-86	--	--	--	--	--	--	--	--	--	--
422452088021601	06-26-85	<50	1	60	<0.5	300	<3	<5	<5	<5	480
	07-23-86	--	--	--	--	--	--	--	--	--	--
422522087492701	04-08-87	<50	<1	20	<.5	330	<3	<5	<5	<5	160
422526088012001	06-26-85	<50	<1	40	<.5	350	<3	<5	<5	<5	350
	07-23-86	--	--	--	--	--	--	--	--	--	--
422546088112901	07-30-86	90	1	300	<1.0	<50	<3	<5	10	23	6,300
422546088113201	07-30-86	<50	<1	70	<1.0	<50	<3	<5	10	<5	1,400
422554088014701	07-23-86	<50	<1	70	<.5	260	<3	<5	8	<5	390
422554088014702	07-23-86	<50	<1	60	<2.0	310	<3	<5	<5	<5	300
422554088014703	07-23-86	<50	<1	60	<2.0	350	<3	<5	5	<5	300
	07-23-86	<50	<1	50	<2.0	340	<3	<5	<5	<5	270
422757087492501	04-08-87	<50	<1	40	<.5	670	<3	<5	<5	<5	100
422812088052201	07-09-86	<50	4	90	<.5	230	<3	<5	<5	<5	1,300
422828088051301	06-26-85	<50	1	70	<.5	320	<3	<5	<5	<5	570
	07-09-86	--	--	--	--	--	--	--	--	--	--
422830088052501	02-27-85	<50	2	50	<.5	400	<3	<5	<5	<5	570
	12-18-86	<50	2	50	<.5	390	<3	<5	<5	<5	590
422844088055101	06-26-85	<50	<1	30	<.5	430	<3	<5	<5	<5	120
	07-09-86	--	--	--	--	--	--	--	--	--	--
422844088055201	07-09-86	<50	<1	40	<.5	410	<3	<5	<5	<5	320
422901087492901	02-27-85	<50	<1	60	<.5	480	<3	<5	<5	<5	250
					La Salle County						
405905089024301	03-05-86	<50	<1	30	<.5	140	<3	<5	<5	<5	<50
405907089024401	03-05-86	<50	<1	40	<.5	110	<3	<5	<5	<5	<50
411121088585401	04-15-87	110	<1	80	<.5	250	<3	<5	7	7	<50
411122088585401	04-15-87	120	5	100	<.5	540	4	10	10	9	1,000
411308089041301	04-02-87	<50	20	400	<.5	790	<3	<5	<5	<5	1,600

411310089040501	04-02-87	<50	24	300	<.5	780	<3	<5	<5	<5	2,100
411311089040201	04-02-87	<50	28	400	<.5	870	<3	<5	<5	<5	2,000
	04-02-87	<50	27	400	<.5	860	<3	<5	<5	<5	2,000
411407088495101	04-08-87	<50	46	300	<.5	1,100	<3	<5	<5	<5	570
411411088493701	04-08-87	<50	38	300	<.5	970	<3	<5	<5	<5	610

Lawrence County

383444087391701	04-09-86	<50	<1	40	<.5	<50	4	<5	<5	21	600
384328087362901	06-03-87	<50	<1	30	2.0	<50	<3	<5	<5	<5	80
384329087362801	06-03-87	<50	<1	50	2.0	<50	<3	<5	<5	<5	4,300
385014087402501	04-08-86	<50	18	100	<.5	50	<3	<5	<5	<5	810
385014087402502	04-08-86	<50	41	100	<.5	50	<3	<5	<5	5	1,900

Lee County

414136089051101	06-26-86	<50	11	40	<.5	210	<3	<5	<5	<5	1,300
414955089315201	04-23-87	<50	<1	60	<.5	<50	<3	<5	7	5	<50
415051089011301	07-11-86	<50	8	80	<.5	<50	<3	<5	<5	<5	950

Livingston County

403909088235001	04-30-87	<50	3	70	<.5	280	<3	<5	5	<5	1,600
404410088305501	03-19-86	<50	2	60	<1.0	110	<3	<5	6	<5	900
404413088305501	03-19-86	<50	1	40	<.5	80	<3	<5	<5	<5	230
404415088305101	03-13-85	<50	<1	50	<.5	50	<3	<5	<5	6	<5
404415088305301	03-19-86	<50	<1	40	<.5	70	<3	<5	7	6	260
404431088240401	03-27-86	<50	<1	300	<.5	290	<3	<5	<5	7	3,500
404431088241401	03-27-86	<50	2	300	<.5	240	<3	<5	<5	<5	3,100
404515088174601	02-11-86	<50	8	40	<.5	1,000	<3	<5	<5	<5	1,900
404533088173901	02-11-86	<50	1	40	<.5	1,200	<3	<5	<5	<5	1,500
404551088172901	02-11-86	<50	<1	50	<.5	980	<3	7	<5	<5	2,200
404604088173001	02-11-86	<50	<1	50	<.5	960	<3	<5	<5	<5	2,300
404957088400201	04-29-87	<50	1	90	<.5	90	<3	<5	9	<5	810
405039088511701	04-28-87	80	28	60	<.5	450	<3	<5	7	<5	2,200
405042088511701	04-28-87	<50	30	50	<.5	450	<3	<5	<5	17	1,500
405230088523101	02-05-86	<50	1	300	<.5	310	<3	<5	<5	<5	220
405236088513401	02-05-86	<50	3	300	<.5	330	<3	<5	<5	<5	230
	02-25-86	<50	3	300	<.5	350	<3	<5	<5	<5	240
405242088513701	02-05-86	<50	<1	300	<.5	330	<3	<5	<5	<5	120
405246088161101	02-26-86	<50	5	30	2.0	1,800	<3	<5	<5	<5	3,600
405249088155201	02-26-86	<50	4	40	<2.0	2,100	<3	<5	<5	<5	3,200

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recov-erable (µg/L as Pb)	Manga-nese, total recov-erable (µg/L as Mn)	Mercury total recov-erable (µg/L as Mg)	Nickel, total recov-erable (µg/L as Ni)	Sele-nium, total (µg/L as Se)	Silver, total recov-erable (µg/L as Ag)	Stron-tium, total recov-erable (µg/L as Sr)	Vana-dium, total (µg/L as V)	Zinc, total recov-erable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Lake County--Continued							
422451088073601	07-24-86	--	--	--	--	--	--	--	--	--	--
422452088021601	06-26-85	<5	<5	<0.01	<5	<1	<3	1,300	<5	<50	<0.01
	07-23-86	--	--	--	--	--	--	--	--	--	--
422522087492701	04-08-87	<5	11	<.05	7	<1	<3	7,900	<5	250	<.01
422526088012001	06-26-85	<5	<5	<.01	<5	1	<3	1,200	<5	<50	<.01
	07-23-86	--	--	--	--	--	--	--	--	--	--
422546088112901	07-30-86	16	130	<.01	7	<1	4	170	<5	130	<.01
422546088113201	07-30-86	<5	35	<.01	<5	<1	<3	150	<5	<50	<.01
422554088014701	07-23-86	<5	5	<.01	6	<1	5	1,300	<5	<50	<.01
422554088014702	07-23-86	<5	12	<.08	<5	<1	<3	1,200	<5	<50	<.01
422554088014703	07-23-86	<5	130	<.01	<5	<1	<3	1,100	<5	<50	<.01
	07-23-86	<5	14	.05	<5	<1	<3	1,100	<5	<50	<.01
422757087492501	04-08-87	<5	<5	<.05	<5	<1	<3	1,300	<5	<50	<.01
422812088052201	07-09-86	<5	21	<.01	<5	<1	<3	630	<5	<50	<.01
422828088051301	06-26-85	<5	8	.06	<5	<1	<3	770	<5	<50	<.01
	07-09-86	--	--	--	--	--	--	--	--	--	--
422830088052501	02-27-85	5	8	<.10	<5	<1	<3	890	<5	<50	<.01
	12-18-86	<5	9	.06	<5	<1	<3	820	<5	<50	<.01
422844088055101	06-26-85	<5	<5	.09	<5	<1	<3	1,000	<5	<50	<.01
	07-09-86	--	--	--	--	--	--	--	--	--	--
422844088055201	07-09-86	<5	10	.04	14	<1	<3	1,100	<5	<50	<.01
422901087492901	02-27-85	<5	13	<.10	24	<1	<3	1,800	<5	<50	<.01
				La Salle County							
405905089024301	03-05-86	<5	<5	<.01	<5	1	<3	210	<5	<50	<.01
405907089024401	03-05-86	<5	<5	<.01	<5	1	<3	210	<5	<50	<.01
411121088585401	04-15-87	<5	<5	<.05	<5	1	<3	140	6	<50	<.01
411122088585401	04-15-87	<5	12	<.05	21	<1	12	430	13	<50	<.01
411308089041301	04-02-87	<5	21	<.05	<5	<1	<3	1,100	<5	<50	<.01

411310089040501	04-02-87	<5	28	<.05	<5	<1	<3	720	<5	<50	<.01
411311089040201	04-02-87	<5	21	<.05	<5	<1	<3	870	<5	<50	<.01
	04-02-87	<5	22	<.05	<5	<1	<3	860	<5	<50	<.01
411407088495101	04-08-87	<5	26	<.05	<5	<1	<3	830	<5	<50	<.01
411411088493701	04-08-87	<5	24	<.05	<5	<1	<3	760	<5	<50	<.01

Lawrence County

383444087391701	04-09-86	<5	180	<.01	9	<1	<3	110	6	<50	<.01
384328087362901	06-03-87	<5	100	<.05	6	<1	3	70	7	<50	<.01
384329087362801	06-03-87	<5	450	<.05	<5	2	<3	90	6	<50	<.01
385014087402501	04-08-86	<5	19	<.01	<5	<1	<3	160	<5	<50	<.01
385014087402502	04-08-86	<5	40	<.01	7	<1	<3	180	<5	<50	<.01

Lee County

414136089051101	06-26-86	<5	18	<.01	<5	<1	<3	190	<5	<50	<.01
414955089315201	04-23-87	<5	<5	--	<5	<1	<3	80	<5	<50	<.01
415051089011301	07-11-86	<5	27	<.01	<5	<1	<3	150	<5	<50	<.01

Livingston County

403909088235001	04-30-87	<5	65	<.05	<5	<1	<3	520	<5	<50	<.01
404410088305501	03-19-86	<5	340	<.01	<5	<1	5	180	6	<50	<.01
404413088305501	03-19-86	<5	200	<.01	<5	1	<3	140	<5	<50	<.01
404415088305101	03-13-85	<5	510	<.10	<5	<1	<3	140	<5	<50	<.01
404415088305301	03-19-86	<5	410	<.01	<5	<1	10	180	9	<100	<.01
404431088240401	03-27-86	<5	39	<.01	<5	<1	<3	750	<5	<50	<.01
404431088241401	03-27-86	<5	33	<.01	<5	<1	<3	780	<5	<50	<.01
404515088174601	02-11-86	<5	25	<.01	<5	<1	<3	1,400	<5	<50	<.01
404533088173901	02-11-86	<5	31	<.01	<5	<1	<3	1,400	<5	<50	<.01
404551088172901	02-11-86	<5	32	<.01	<5	1	<3	1,300	<5	<50	<.01
404604088173001	02-11-86	<5	32	<.01	<5	1	<3	1,300	<5	<50	<.01
404957088400201	04-29-87	<5	140	<.05	7	<1	<3	160	<5	<50	<.01
405039088511701	04-28-87	28	62	<.05	<5	<1	<3	820	<5	<50	<.01
405042088511701	04-28-87	<5	27	<.05	<5	<1	<3	860	<5	<50	<.01
405230088523101	02-05-86	<5	<5	<.01	<5	1	<3	240	<5	<50	<.01
405236088513401	02-05-86	<5	<5	<.01	<5	1	<3	230	<5	<50	<.01
	02-25-86	<5	<5	<.01	<5	<1	<3	240	<5	<50	<.01
405242088513701	02-05-86	<5	<5	<.01	<5	<1	<3	210	<5	<50	<.01
405246088161101	02-26-86	<5	160	<.01	<5	<1	<3	4,000	6	<50	<.01
405249088155201	02-26-86	<5	140	.02	<5	1	<3	3,400	5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Lake County--Continued						
422451088073601	07-24-86	--	--	--	--	--	--	--	--	--
422452088021601	06-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-23-86	--	--	--	--	--	--	--	--	--
422522087492701	04-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422526088012001	06-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-23-86	--	--	--	--	--	--	--	--	--
422546088112901	07-30-86	<5	8.0	3.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0
422546088113201	07-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422554088014701	07-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422554088014702	07-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422554088014703	07-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-23-86	<5	--	--	--	--	--	--	--	--
422757087492501	04-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422812088052201	07-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422828088051301	06-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-09-86	--	--	--	--	--	--	--	--	--
422830088052501	02-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422844088055101	06-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-09-86	--	--	--	--	--	--	--	--	--
422844088055201	07-09-86	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422901087492901	02-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
				La Salle County						
405905089024301	03-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
405907089024401	03-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
411121088585401	04-15-87	<5	25	8.0	4.0	<1.0	<1.0	<1.0	<1.0	<1.0
411122088585401	04-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411308089041301	04-02-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

411310089040501	04-02-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411311089040201	04-02-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-02-87	<5	--	--	--	--	--	--	--	--
411407088495101	04-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411411088493701	04-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Lawrence County

383444087391701	04-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
384328087362901	06-03-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384329087362801	06-03-87	<5	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385014087402501	04-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
385014087402502	04-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Lee County

414136089051101	06-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414955089315201	04-23-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415051089011301	07-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Livingston County

403909088235001	04-30-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404410088305501	03-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404413088305501	03-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404415088305101	03-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404415088305301	03-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404431088240401	03-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404431088241401	03-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404515088174601	02-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404533088173901	02-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404551088172901	02-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404604088173001	02-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404957088400201	04-29-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405039088511701	04-28-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405042088511701	04-28-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405230088523101	02-05-86	<5	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0
405236088513401	02-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-25-86	<5	--	--	--	--	--	--	--	--
405242088513701	02-05-86	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405246088161101	02-26-86	<5	--	--	--	--	--	--	--	--
405249088155201	02-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Lake County					
422451088073601	07-24-86	--	--	--	--	--	--	--	--	--
422452088021601	06-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-23-86	--	--	--	--	--	--	--	--	--
422522087492701	04-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422526088012001	06-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-23-86	--	--	--	--	--	--	--	--	--
422546088112901	07-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
422546088113201	07-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422554088014701	07-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
422554088014702	07-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
422554088014703	07-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
	07-23-86	--	--	--	--	--	--	--	--	--
422757087492501	04-08-87	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422812088052201	07-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422828088051301	06-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-09-86	--	--	--	--	--	--	--	--	--
422830088052501	02-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422844088055101	06-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-09-86	--	--	--	--	--	--	--	--	--
422844088055201	07-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422901087492901	02-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					La Salle County					
405905089024301	03-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405907089024401	03-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411121088585401	04-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411122088585401	04-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411308089041301	04-02-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

411310089040501	04-02-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411311089040201	04-02-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-02-87	--	--	--	--	--	--	--	--	--
411407088495101	04-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411411088493701	04-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Lawrence County

383444087391701	04-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384328087362901	06-03-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384329087362801	06-03-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385014087402501	04-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385014087402502	04-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Lee County

414136089051101	06-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414955089315201	04-23-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415051089011301	07-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Livingston County

403909088235001	04-30-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404410088305501	03-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404413088305501	03-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404415088305101	03-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404415088305301	03-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404431088240401	03-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404431088241401	03-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404515088174601	02-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404533088173901	02-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404551088172901	02-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404604088173001	02-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404957088400201	04-29-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405039088511701	04-28-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405042088511701	04-28-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405230088523101	02-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405236088513401	02-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-25-86	--	--	--	--	--	--	--	--	--
405242088513701	02-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405246088161101	02-26-86	--	--	--	--	--	--	--	--	--
405249088155201	02-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Livingston County--Continued			
405352088243001	03-20-86	1050	Saunemin Well No. 6	17002	17002	--
405352088243201	03-20-86	0935	Saunemin Well No. 5	17002	17002	--
	03-20-86	0940	Saunemin Well No. 5	17002	17002	--
405930088435001	03-20-86	1405	Cornell Well No. 1	17002	17002	38.80
405932088435401	03-20-86	1505	Cornell Well No. 2	17002	17002	--
410526088254901	02-13-86	0945	Dwight Well No. 7	17002	17002	52.00
410532088253102	02-17-86	1310	Dwight Well No. 4	17002	17002	86.00
410532088253103	02-13-86	1410	Dwight Well No. 5	17002	17002	--
410535088254301	02-13-86	1135	Dwight Well No. 6	17002	17002	80.00
	02-13-86	1140	Dwight Well No. 6	17002	17002	80.00
			Logan County			
395741089095201	07-07-86	1055	Latham Well No. 3	17002	17002	--
395741089100301	07-07-86	1030	Latham Well No. 6	17002	17002	--
400053089290101	11-21-86	1140	Elkhart City Well No. 2	17002	17002	--
400309089165401	11-06-86	1410	Mount Pulaski Well No. 4	17002	17002	--
400311089165501	11-06-86	1335	Mount Pulaski Well No. 5	17002	17002	--
400312089165401	02-20-86	1110	Mount Pulaski Well No. 6	17002	17002	--
400426089105601	11-14-86	1135	Beason Chestnut Public Water District Well No. 1	17002	17002	--
400738089231301	12-03-86	1140	Lincoln Well No. 12	17002	17002	--
400741089231001	12-03-86	1100	Lincoln Well No. 14	17002	17002	--
401020089230501	12-03-86	1230	Lincoln Well No. 11	17002	17002	--
	06-26-87	1020	Lincoln Well No. 11	17002	17002	--
401020089231201	12-03-86	1310	Lincoln Well No. 13	17002	17002	--
	06-26-87	1010	Lincoln Well No. 13	17002	17002	--
401103089345801	11-13-86	1200	New Holland Well No. 1	17002	17002	--
401103089345802	11-13-86	1230	New Holland Well No. 2	17002	17002	--
401110089350401	11-13-86	1130	New Holland Well No. 3	17002	17002	--
401505088262801	02-20-87	1405	Hartsburg Well No. 1	17002	17002	--
401507089263001	02-20-87	1335	Hartsburg Well No. 3	17002	17002	--
401525089134601	06-17-87	1045	Atlanta Well No. 6	17002	17002	--
401537089140301	02-18-86	1055	Atlanta Well No. 1	17002	17002	--

	06-17-87	1020	Atlanta Well No. 1	17002	17002	--
401537089140302	02-18-86	1135	Atlanta Well No. 7	17002	17002	--
	06-17-87	1015	Atlanta Well No. 7	17002	17002	--
401538089134901	02-18-86	1240	Atlanta Well No. 2	17002	17002	--
	06-17-87	1030	Atlanta Well No. 2	17002	17002	--
401543089134701	02-18-86	1325	Atlanta Well No. 5	17002	17002	--
	06-17-87	1035	Atlanta Well No. 5	17002	17002	--
401754089290501	11-07-86	1100	Emden Well No. 1	17002	17002	--
401754089290502	11-07-86	1130	Emden Well No. 2	17002	17002	--
			McDonough County			
402251090464001	03-25-87	1150	Colchester Well No. 5	17002	17002	--
403329090403801	11-21-85	1320	Good Hope Well No. 1	17002	17002	--
403329090403802	11-21-85	1215	Good Hope Well No. 2	17002	17002	--
	05-21-87	1020	Good Hope Well No. 2	17002	17002	--
			McHenry County			
420915088164801	11-17-86	1425	Algonquin Well No. 5	17002	17002	68.00
420915088254801	11-21-86	1430	Huntley Well No. 6	17002	17002	--
	11-21-86	1435	Huntley Well No. 6	17002	17002	--
421002088253201	11-21-86	1400	Huntley Well No. 4	17002	17002	--
421042088253301	05-23-85	1340	Huntley Well No. 5	17002	17002	73.00
421148088160701	11-14-86	1440	Cary Well No. 10	17002	17002	--
	11-14-86	1445	Cary Well No. 10	17002	17002	--
421207088151101	11-14-86	1220	Cary Well No. 3	17002	17002	--
421214088142701	11-14-86	1015	Cary Well No. 8	17002	17002	--
421324088173602	09-26-85	1130	Crystal Clear Water Company Well No. 2	17002	17002	--
421327088164701	12-05-86	1005	Oak Brook Estates Mobile Home Park Well No. 1	17002	17002	--
421404088201501	08-14-85	1355	Crystal Lake Well No. 3	17002	17002	4.60
421431088165701	11-18-86	1100	Prairie Ridge Association Well No. 1	17002	17002	--
421506088354801	11-12-86	1355	Marengo Well No. 6	17002	17002	--
421507088354801	11-12-86	1425	Marengo Well No. 5	17002	17002	--
421515088210401	12-05-86	1040	Royal Oaks Mobile Home Park Well No. 1	17002	17002	--
421516088210101	12-05-86	1055	Royal Oaks Mobile Home Park Well No. 2	17002	17002	--
421519088362901	10-09-85	0955	Marengo Well No. 4	17002	17002	--
421545088173801	11-18-86	1205	Deering Oaks Subdivision Well No. 2	17002	17002	--
421640088120001	10-01-85	1030	Island Lake Water Company Well No. 3	17002	17002	116.00
	07-16-86	1020	Island Lake Water Company Well No. 3	17002	17002	--
421648088125101	07-16-86	1340	Island Lake Well No. 2	17002	17002	--
421649088125001	07-16-86	1315	Island Lake Well No. 1	17002	17002	58.00
421741088132801	12-04-86	1210	Community Service Corporation Well No. 1	17002	17002	--
421741088132802	12-04-86	1225	Community Service Corporation Well No. 2	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Livingston County--Continued							
405352088243001	03-20-86	48	47	--	7.50	-170	12.0	57	27	120	2.5
405352088243201	03-20-86	43	27	--	7.50	-157	12.0	63	29	120	2.5
	03-20-86	43	27	--	7.50	-157	12.0	62	28	110	2.5
405930088435001	03-20-86	60	100	--	7.80	-158	12.0	45	21	340	2.9
405932088435401	03-20-86	35	90	--	7.80	-178	12.0	36	19	280	2.9
410526088254901	02-13-86	170	430	--	8.20	-233	12.0	35	23	210	4.4
410532088253102	02-17-86	40	334	--	7.60	-160	12.5	150	61	170	5.3
410532088253103	02-13-86	35	235	--	7.60	-162	12.0	140	59	170	5.3
410535088254301	02-13-86	70	400	--	7.90	-201	12.5	94	43	170	4.7
	02-13-86	75	400	--	7.90	-201	12.5	95	43	170	4.6
				Logan County							
395741089095201	07-07-86	>1,440	30	800	6.50	-155	16.5	93	38	41	2.0
395741089100301	07-07-86	--	100	815	6.20	-96	19.0	93	38	42	1.9
400053089290101	11-21-86	35	E85	630	7.10	-83	13.0	91	38	15	.5
400309089165401	11-06-86	130	E85	750	7.30	329	13.5	90	39	15	1.1
400311089165501	11-06-86	95	E125	620	7.00	306	14.5	80	33	12	1.5
400312089165401	02-20-86	130	E150	685	7.10	44	12.5	87	37	12	1.2
400426089105601	11-14-86	35	E110	750	--	331	13.5	86	41	24	1.5
400738089231301	12-03-86	1,440	1,000	620	7.30	-55	16.5	80	34	13	.9
400741089231001	12-03-86	90	1,300	555	7.10	-47	15.0	71	29	12	1.1
401020089230501	12-03-86	1,440	250	665	7.20	-108	13.5	94	34	6.3	.6
	06-26-87	--	--	--	--	--	--	--	--	--	--
401020089231201	12-03-86	1,440	250	600	7.10	-103	13.5	85	32	9.3	.6
	06-26-87	--	--	--	--	--	--	--	--	--	--
401103089345801	11-13-86	230	30	1,060	7.00	338	14.0	120	59	39	.9
401103089345802	11-13-86	25	35	1,000	7.00	327	14.5	120	58	36	.8
401110089350401	11-13-86	240	E120	645	7.00	482	14.0	82	37	23	1.0
401505088262801	02-20-87	25	20	740	7.00	21	15.0	140	73	54	.8
401507089263001	02-20-87	25	E55	1,140	6.90	48	14.0	160	83	180	1.5
401525089134601	06-17-87	--	--	--	--	--	--	--	--	--	--
401537089140301	02-18-86	235	85	840	7.10	-186	14.0	88	45	31	2.2

	06-17-87	--	--	--	--	--	--	--	--	--	--
401537089140302	02-18-86	275	150	840	7.00	-175	14.0	91	47	31	2.4
	06-17-87	--	--	--	--	--	--	--	--	--	--
401538089134901	02-18-86	340	E100	755	7.00	-170	14.0	80	42	21	2.1
	06-17-87	--	--	--	--	--	--	--	--	--	--
401543089134701	02-18-86	385	E50	765	7.00	-167	13.5	80	43	23	2.4
	06-17-87	--	--	--	--	--	--	--	--	--	--
401754089290501	11-07-86	25	E150	645	6.70	-110	14.0	73	36	21	1.5
401754089290502	11-07-86	30	E125	635	6.40	-121	14.0	73	35	20	1.3
				McDonough County							
402251090464001	03-25-87	230	23	320	6.40	--	13.0	79	24	21	.9
403329090403801	11-21-85	60	50	600	7.00	-140	13.5	71	24	14	.9
403329090403802	11-21-85	60	100	605	7.10	-138	13.0	83	30	17	1.0
	05-21-87	140	E50	--	--	--	--	--	--	--	--
				McHenry County							
420915088164801	11-17-86	39	520	665	7.20	-120	11.0	77	39	19	1.0
420915088254801	11-21-86	16	475	--	--	--	--	69	40	11	.9
	11-21-86	21	475	--	--	--	--	70	40	11	.9
421002088253201	11-21-86	13	220	--	--	--	--	130	60	15	2.0
421042088253301	05-23-85	120	E100	--	7.20	-102	11.5	97	58	12	1.5
421148088160701	11-14-86	>1,440	420	735	7.40	-139	10.0	79	41	13	1.3
	11-14-86	>1,440	420	735	7.40	-139	10.0	80	41	13	1.4
421207088151101	11-14-86	500	180	725	7.40	-146	10.5	79	44	14	1.1
421214088142701	11-14-86	48	350	815	7.30	-127	11.0	83	47	21	.9
421324088173602	09-26-85	15	70	--	--	--	--	67	39	21	1.9
421327088164701	12-05-86	10	120	--	--	--	--	100	53	36	3.1
421404088201501	08-14-85	150	--	800	7.00	-103	13.0	86	37	34	6.3
421431088165701	11-18-86	15	E175	--	--	--	--	92	48	4.8	.8
421506088354801	11-12-86	295	E600	735	7.90	711	11.0	83	37	15	1.7
421507088354801	11-12-86	18	500	--	--	--	--	89	40	17	1.5
421515088210401	12-05-86	5	E50	--	--	--	--	36	20	50	1.0
421516088210101	12-05-86	--	E50	--	--	--	--	33	20	49	.9
421519088362901	10-09-85	120	440	705	7.60	-143	12.5	85	41	12	1.3
421545088173801	11-18-86	35	E25	--	--	--	--	91	47	5.7	.9
421640088120001	10-01-85	90	50	765	7.10	-157	13.5	82	53	15	2.1
	07-16-86	200	40	400	7.30	-76	13.0	--	--	--	--
421648088125101	07-16-86	18	110	--	--	--	--	77	52	12	1.4
421649088125001	07-16-86	23	35	335	7.30	-118	11.0	85	44	8.5	1.4
421741088132801	12-04-86	10	32	--	--	--	--	100	51	5.3	1.1
421741088132802	12-04-86	10	80	--	--	--	--	99	49	9.3	1.2

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Livingston County--Continued						
405352088243001	03-20-86	402	406	110	12	0.6	14	572	<0.10	5.60	0.63
405352088243201	03-20-86	374	376	160	13	.5	14	606	<.10	5.70	.60
	03-20-86	373	376	170	12	.5	14	593	<.10	5.70	.59
405930088435001	03-20-86	569	588	32	230	.8	18	1,010	<.10	.74	.14
405932088435401	03-20-86	555	568	14	140	.9	15	845	<.10	.79	.15
410526088254901	02-13-86	380	384	42	160	.7	7.5	754	<.10	5.20	.51
410532088253102	02-17-86	255	248	700	31	.4	10	1,300	<.10	3.50	.05
410532088253103	02-13-86	260	255	650	31	.4	10	1,260	<.10	3.30	.10
410535088254301	02-13-86	327	339	410	44	.5	9.2	986	<.10	3.60	.08
	02-13-86	327	338	410	45	.5	9.0	993	<.10	3.50	.12
					Logan County						
395741089095201	07-07-86	442	442	16	25	.4	--	453	<.10	2.00	.09
395741089100301	07-07-86	433	433	19	24	.4	--	449	<.10	2.00	.12
400053089290101	11-21-86	--	373	30	12	.2	18	423	<.10	.78	.13
400309089165401	11-06-86	--	285	54	28	.2	20	488	13.0	<.10	.03
400311089165501	11-06-86	--	282	38	25	.2	14	485	2.80	<.10	.03
400312089165401	02-20-86	252	293	56	32	.2	13	446	.15	.14	<.01
400426089105601	11-14-86	--	240	85	59	.1	--	506	7.70	<.10	.02
400738089231301	12-03-86	--	279	62	25	.2	8.0	433	1.10	<.10	.02
400741089231001	12-03-86	--	247	50	26	.2	7.5	383	.29	.34	.14
401020089230501	12-03-86	--	323	59	15	.1	13	425	<.10	.21	.23
	06-26-87	--	--	--	--	--	--	--	--	--	--
401020089231201	12-03-86	--	301	49	23	.1	10	427	.22	<.10	.06
	06-26-87	--	--	--	--	--	--	--	--	--	--
401103089345801	11-13-86	--	406	110	74	.3	20	711	5.30	<.10	<.01
401103089345802	11-13-86	--	401	110	68	.2	20	673	5.80	<.10	<.01
401110089350401	11-13-86	--	396	<10	9.6	1.3	22	424	<.10	.37	.32
401505088262801	02-20-87	--	363	190	140	.2	--	860	9.80	<.10	<.01
401507089263001	02-20-87	--	392	170	450	.2	--	1,270	7.20	<.10	<.01
401525089134601	06-17-87	--	--	--	--	--	--	--	--	--	--
401537089140301	02-18-86	480	491	<10	6.3	.4	20	517	<.10	3.60	.17

	06-17-87	--	--	--	--	--	--	--	--	--	--
401537089140302	02-18-86	498	507	<10	5.3	.4	--	477	<.10	4.10	.22
	06-17-87	--	--	--	--	--	--	--	--	--	--
401538089134901	02-18-86	443	445	<10	1.2	.4	17	427	<.10	--	.30
	06-17-87	--	--	--	--	--	--	--	--	--	--
401543089134701	02-18-86	447	453	<10	1.3	.4	18	433	<.10	5.20	.29
	06-17-87	--	--	--	--	--	--	--	--	--	--
401754089290501	11-07-86	--	390	<10	4.2	.3	21	432	<.10	3.10	.13
401754089290502	11-07-86	--	390	<10	3.4	.3	21	407	<.10	3.00	.12
					McDonough County						
402251090464001	03-25-87	--	222	90	12	.2	19	409	.11	.91	.41
403329090403801	11-21-85	379	343	<10	<1.0	.3	26	382	<.10	.74	.29
403329090403802	11-21-85	360	328	<10	1.2	.3	25	376	<.10	.68	.29
	05-21-87	--	--	--	--	--	--	--	--	--	--
					McHenry County						
420915088164801	11-17-86	--	367	17	13	.3	--	549	<.10	<.10	.02
420915088254801	11-21-86	--	368	<10	2.5	.5	--	395	.11	1.70	.08
	11-21-86	--	367	<10	1.6	.5	--	379	.12	1.70	.09
421002088253201	11-21-86	--	383	120	62	.4	--	941	<.10	.37	.03
421042088253301	05-23-85	364	360	100	31	.8	18	532	<.10	1.40	2.40
421148088160701	11-14-86	--	259	85	46	.1	15	503	<.10	.15	.01
	11-14-86	--	255	85	46	.1	15	441	<.10	.16	<.01
421207088151101	11-14-86	--	323	63	25	.4	17	481	<.10	.55	.03
421214088142701	11-14-86	--	352	53	31	.3	18	560	<.10	.40	.02
421324088173602	09-26-85	--	311	21	33	.4	18	391	<.10	.64	.02
421327088164701	12-05-86	--	342	90	110	<.1	17	662	<.10	<.10	<.01
421404088201501	08-14-85	353	341	55	42	.1	12	513	.20	<.10	.01
421431088165701	11-18-86	--	309	92	24	.3	19	552	<.10	.10	.02
421506088354801	11-12-86	--	292	57	28	1.6	12	457	1.40	<.10	.40
421507088354801	11-12-86	--	319	62	35	1.0	12	513	.66	<.10	.33
421515088210401	12-05-86	--	292	<10	1.3	.9	16	367	<.10	.69	.02
421516088210101	12-05-86	--	289	<10	1.2	.8	14	359	<.10	.62	.02
421519088362901	10-09-85	343	338	47	21	.2	17	432	<.10	.31	.03
421545088173801	11-18-86	--	317	110	17	.3	18	630	<.10	<.10	.01
421640088120001	10-01-85	765	370	34	40	.9	29	543	<.10	.31	.08
	07-16-86	--	--	--	--	--	--	--	--	--	--
421648088125101	07-16-86	372	372	37	9.0	.4	--	469	<.10	.24	.01
421649088125001	07-16-86	324	324	63	11	.2	--	297	<.10	.27	.03
421741088132801	12-04-86	--	370	56	25	.2	21	581	<.10	<.10	.02
421741088132802	12-04-86	--	365	63	24	.3	23	593	<.10	.11	.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Livingston County--Continued							
405352088243001	03-20-86	<50	7	400	<0.5	380	<3	<5	<5	<5	1,500
405352088243201	03-20-86	<50	8	400	<.5	470	<3	<5	<5	<5	1,600
	03-20-86	<50	8	400	<.5	430	<3	<5	<5	<5	1,500
405930088435001	03-20-86	<50	<1	400	<.5	1,100	<3	6	<5	12	310
405932088435401	03-20-86	<50	<1	500	<.5	1,200	<3	<5	<5	<5	490
410526088254901	02-13-86	<50	16	300	<.5	1,000	<3	<5	<5	<5	450
410532088253102	02-17-86	<50	4	50	<.5	1,300	<3	10	<5	<5	2,800
410532088253103	02-13-86	<50	2	70	<.5	1,300	<3	<5	<5	<5	2,500
410535088254301	02-13-86	<50	2	200	<.5	1,200	<3	<5	<5	<5	1,500
	02-13-86	<50	2	200	<.5	1,200	<3	<5	<5	<5	1,500
				Logan County							
395741089095201	07-07-86	70	3	200	<1.0	190	<3	<5	<5	17	1,500
395741089100301	07-07-86	60	2	200	<2.0	200	<3	<5	<5	<5	1,800
400053089290101	11-21-86	<50	<1	100	<.5	<50	<3	<5	7	<5	3,500
400309089165401	11-06-86	60	<1	90	<.5	<50	<3	<5	<5	<5	<50
400311089165501	11-06-86	<50	<1	80	<.5	<50	<3	<5	5	<5	<50
400312089165401	02-20-86	<50	<1	100	<.5	<50	<3	<5	5	<5	<50
400426089105601	11-14-86	90	<1	60	<.5	<50	<3	<5	<5	<5	410
400738089231301	12-03-86	<50	<1	50	<.5	60	<3	<5	5	<5	290
400741089231001	12-03-86	<50	<1	70	<.5	50	<3	<5	<5	<5	1,100
401020089230501	12-03-86	<50	11	80	<.5	<50	<3	<5	7	<5	5,600
	06-26-87	--	--	--	--	--	--	--	--	--	--
401020089231201	12-03-86	<50	2	<70	<.5	<50	<3	8	6	<5	2,200
	06-26-87	--	--	--	--	--	--	--	--	--	--
401103089345801	11-13-86	140	<1	40	<.5	140	<3	<5	<5	46	<50
401103089345802	11-13-86	110	<1	40	<.5	160	<3	<5	<5	7	<50
401110089350401	11-13-86	80	8	200	<.5	<50	<3	<5	<5	<5	2,000
401505088262801	02-20-87	80	<1	40	<.5	280	<3	<5	7	10	780
401507089263001	02-20-87	80	<1	70	<.5	120	<3	<5	9	<5	100
401525089134601	06-17-87	--	--	--	--	--	--	--	--	--	--
401537089140301	02-18-86	<50	5	300	<1.0	380	<3	<5	<5	<5	1,800

	06-17-87	--	--	--	--	--	--	--	--	--	--
401537089140302	02-18-86	<50	22	300	<.5	410	<3	<5	5	<5	2,800
	06-17-87	--	--	--	--	--	--	--	--	--	--
401538089134901	02-18-86	<50	29	200	<.5	320	<3	<5	<5	6	3,900
	06-17-87	--	--	--	--	--	--	--	--	--	--
401543089134701	02-18-86	<50	42	200	<.5	360	<3	<5	<5	<5	3,200
	06-17-87	--	--	--	--	--	--	--	--	--	--
401754089290501	11-07-86	50	6	100	<.5	120	<3	<5	<5	<5	3,000
401754089290502	11-07-86	<50	<1	100	<.5	110	<3	<5	<5	<5	2,800
					McDonough County						
402251090464001	03-25-87	70	3	200	<.5	60	<3	<5	10	5	10,000
403329090403801	11-21-85	<50	<1	300	<.5	<50	<3	<5	<5	<5	3,200
403329090403802	11-21-85	<50	<1	200	<.5	<50	<3	<5	<5	<5	3,200
	05-21-87	--	--	--	--	--	--	--	--	--	--
					McHenry County						
420915088164801	11-17-86	<50	1	80	<.5	100	<3	<5	5	<5	1,300
420915088254801	11-21-86	<50	13	200	<.5	50	<3	<5	6	<5	1,900
	11-21-86	<50	15	200	<.5	50	<3	<5	<5	<5	2,000
421002088253201	11-21-86	50	2	100	<.5	100	<3	<5	8	6	2,400
421042088253301	05-23-85	60	6	100	<.5	<50	<3	<5	<5	13	520
421148088160701	11-14-86	<50	<1	80	<.5	<50	<3	<5	<5	<5	1,400
	11-14-86	<50	<1	80	<.5	<50	<3	<5	<5	<5	1,400
421207088151101	11-14-86	<50	<1	200	<.5	80	<3	<5	<5	<5	1,300
421214088142701	11-14-86	60	<1	90	<.5	80	<3	<5	<5	<5	1,000
421324088173602	09-26-85	<50	<1	100	<.5	140	<3	<5	<5	8	280
421327088164701	12-05-86	<50	<1	80	<.5	<50	<3	<5	7	<5	1,400
421404088201501	08-14-85	<50	<1	500	--	<50	<3	<5	<5	<5	1,300
421431088165701	11-18-86	<50	1	100	<.5	<50	<3	<5	5	<5	840
421506088354801	11-12-86	<50	<1	40	<.5	<50	<3	<5	5	<5	640
421507088354801	11-12-86	<50	<1	40	<.5	<50	<3	<5	5	5	600
421515088210401	12-05-86	<50	<1	80	<.5	320	<3	<5	<5	<5	810
421516088210101	12-05-86	<50	<1	70	<.5	280	3	<5	<5	<5	4,800
421519088362901	10-09-85	<50	<1	90	<.5	<50	<3	<5	<5	<5	950
421545088173801	11-18-86	<50	1	90	<.5	<50	<3	<5	5	5	1,000
421640088120001	10-01-85	<50	<1	80	<.5	90	<3	<5	<5	<5	1,400
	07-16-86	--	--	--	--	--	--	--	--	--	--
421648088125101	07-16-86	<50	<1	70	<1.0	70	<3	<5	5	<5	1,400
421649088125001	07-16-86	<50	<1	50	<.5	<50	<3	<5	8	<5	1,400
421741088132801	12-04-86	<50	<1	80	<.5	<50	<3	<5	<5	<5	2,500
421741088132802	12-04-86	<50	<1	90	<.5	<50	<3	<5	<5	<5	1,800

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Livingston County--Continued							
405352088243001	03-20-86	<5	17	<0.01	<5	<1	<3	660	<5	<50	<0.01
405352088243201	03-20-86	<5	18	.02	<5	<1	<3	750	<5	<50	<.01
	03-20-86	<5	20	<.01	<5	<1	<3	730	<5	<50	<.01
405930088435001	03-20-86	<5	8	<.01	10	<1	7	450	6	<50	<.01
405932088435401	03-20-86	<5	6	<.01	6	<1	<3	370	<5	<50	<.01
410526088254901	02-13-86	<5	27	<.01	<5	<1	<3	650	<5	<50	<.01
410532088253102	02-17-86	<5	310	<.01	<5	1	<3	1,900	<5	<50	.01
410532088253103	02-13-86	<5	310	<.01	<5	<1	<3	1,800	<5	<50	<.01
410535088254301	02-13-86	<5	110	<.01	<5	<1	<3	1,200	<5	<50	<.01
	02-13-86	<5	120	<.01	<5	<1	<3	1,200	<5	<50	<.01
				Logan County							
395741089095201	07-07-86	<5	160	<.01	6	<1	<3	480	5	<100	<.01
395741089100301	07-07-86	<5	100	<.01	<5	<1	<3	480	5	<50	<.01
400053089290101	11-21-86	<5	230	<.05	<5	<1	<3	160	<5	<50	<.01
400309089165401	11-06-86	<5	<5	<.05	<5	1	<3	120	<5	<50	<.01
400311089165501	11-06-86	<5	6	<.05	<5	<1	<3	110	<5	<50	<.01
400312089165401	02-20-86	<5	360	<.01	<5	2	<3	120	<5	<50	<.01
400426089105601	11-14-86	<5	540	<.05	<5	<1	<3	130	<5	<50	<.01
400738089231301	12-03-86	<5	440	<.05	<5	<1	<3	130	<5	<50	<.01
400741089231001	12-03-86	<5	470	<.05	<5	<1	<3	110	<5	<50	<.01
401020089230501	12-03-86	<5	270	<.05	<5	<1	<3	110	<5	<50	<.01
	06-26-87	--	--	--	--	--	--	--	--	--	--
401020089231201	12-03-86	<5	390	<.05	<5	<1	<3	100	<5	<50	<.01
	06-26-87	--	--	--	--	--	--	--	--	--	--
401103089345801	11-13-86	<5	150	<.05	5	2	<3	160	<5	<100	<.01
401103089345802	11-13-86	<5	85	<.05	<5	2	<3	140	<5	<50	<.01
401110089350401	11-13-86	<5	45	<.05	<5	<1	<3	210	<5	<50	<.01
401505088262801	02-20-87	<5	28	<.05	<5	1	<3	180	<5	<50	<.01
401507089263001	02-20-87	<5	100	.11	<5	2	<3	220	<5	<50	<.01
401525089134601	06-17-87	--	--	--	--	--	--	--	--	--	--
401537089140301	02-18-86	<5	32	<.01	<5	1	<3	470	<5	<50	<.01

	06-17-87	--	--	--	--	--	--	--	--	--	--
401537089140302	02-18-86	<5	29	.08	<5	1	<3	600	<5	<50	<.01
	06-17-87	--	--	--	--	--	--	--	--	--	--
401538089134901	02-18-86	<5	22	.02	<5	1	<3	580	<5	<100	<.01
	06-17-87	--	--	--	--	--	--	--	--	--	--
401543089134701	02-18-86	<5	22	<.01	<5	1	<3	580	<5	<50	<.01
	06-17-87	--	--	--	--	--	--	--	--	--	--
401754089290501	11-07-86	<5	42	<.05	<5	<1	<3	270	<5	<50	<.01
401754089290502	11-07-86	<5	40	.06	<5	<1	<3	240	<5	<50	<.01
					McDonough County						
402251090464001	03-25-87	<5	620	<.05	11	<1	5	240	7	<50	<.01
403329090403801	11-21-85	<5	63	<.01	<5	1	<3	310	<5	<50	<.01
403329090403802	11-21-85	<5	82	<.01	<5	1	<3	250	<5	<50	<.01
	05-21-87	--	--	--	--	--	--	--	--	--	--
					McHenry County						
420915088164801	11-17-86	<5	48	<.05	<5	<1	<3	480	<5	<50	<.01
420915088254801	11-21-86	<5	18	<.05	<5	<1	<3	1,700	<5	<50	<.01
	11-21-86	<5	18	<.05	<5	<1	<3	1,700	<5	<50	<.01
421002088253201	11-21-86	11	91	<.05	<5	<1	<3	350	<5	<50	<.01
421042088253301	05-23-85	<5	44	<.01	<5	<1	<3	2,000	<5	<50	<.01
421148088160701	11-14-86	<5	31	<.05	<5	<1	<3	170	<5	<50	<.01
	11-14-86	<5	32	<.05	<5	<1	<3	170	<5	<50	<.01
421207088151101	11-14-86	<5	42	<.05	<5	<1	<3	540	<5	<50	<.01
421214088142701	11-14-86	<5	37	<.05	<5	<1	<3	540	<5	<50	<.01
421324088173602	09-26-85	<5	8	<.01	<5	<1	<3	1,900	<5	<50	<.01
421327088164701	12-05-86	<5	42	<.05	<5	<1	<3	110	<5	<100	<.01
421404088201501	08-14-85	<5	82	.06	<5	--	<3	140	<5	<50	<.01
421431088165701	11-18-86	<5	18	<.05	<5	<1	<3	450	<5	<50	<.01
421506088354801	11-12-86	<5	150	<.05	<5	<1	<3	90	<5	<50	<.01
421507088354801	11-12-86	<5	110	<.05	<5	<1	<3	90	<5	<50	<.01
421515088210401	12-05-86	<5	10	<.05	<5	<1	<3	1,300	<5	<50	<.01
421516088210101	12-05-86	<5	28	<.05	<5	<1	<3	1,300	<5	280	<.01
421519088362901	10-09-85	<5	92	.11	<5	<1	<3	240	<5	<50	<.01
421545088173801	11-18-86	<5	94	<.05	<5	<1	<3	450	<5	<50	<.01
421640088120001	10-01-85	<5	28	.11	<5	<1	<3	480	<5	<50	<.01
	07-16-86	--	--	--	--	--	--	--	--	--	--
421648088125101	07-16-86	<5	28	<.01	<5	<1	<3	510	<5	<50	<.01
421649088125001	07-16-86	<5	51	<.01	<5	<1	<3	150	<5	<50	<.01
421741088132801	12-04-86	<5	36	<.05	6	<1	<3	110	<5	120	<.01
421741088132802	12-04-86	<5	29	<.05	<5	<1	<3	120	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Livingston County--Continued						
405352088243001	03-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
405352088243201	03-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
	03-20-86	<5	--	--	--	--	--	--	--	--
405930088435001	03-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405932088435401	03-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410526088254901	02-13-86	<5	--	--	--	--	--	--	--	--
410532088253102	02-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410532088253103	02-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410535088254301	02-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-13-86	<5	--	--	--	--	--	--	--	--
				Logan County						
395741089095201	07-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395741089100301	07-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400053089290101	11-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400309089165401	11-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400311089165501	11-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400312089165401	02-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400426089105601	11-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400738089231301	12-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400741089231001	12-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401020089230501	12-03-86	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-26-87	--	--	--	--	--	--	--	--	--
401020089231201	12-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-26-87	--	--	--	--	--	--	--	--	--
401103089345801	11-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401103089345802	11-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401110089350401	11-13-86	<5	9.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401505088262801	02-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401507089263001	02-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401525089134601	06-17-87	--	130	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401537089140301	02-18-86	<5	--	--	--	--	--	--	--	--

	06-17-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401537089140302	02-18-86	<5	--	--	--	--	--	--	--	--
	06-17-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401538089134901	02-18-86	<5	--	--	--	--	--	--	--	--
	06-17-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401543089134701	02-18-86	<5	--	--	--	--	--	--	--	--
	06-17-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401754089290501	11-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401754089290502	11-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					McDonough County					
402251090464001	03-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403329090403801	11-21-85	<5	--	--	--	--	--	--	--	--
403329090403802	11-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	05-21-87	--	--	--	--	--	--	--	--	--
					McHenry County					
420915088164801	11-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420915088254801	11-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-21-86	<5	--	--	--	--	--	--	--	--
421002088253201	11-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421042088253301	05-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421148088160701	11-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-14-86	<5	--	--	--	--	--	--	--	--
421207088151101	11-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421214088142701	11-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421324088173602	09-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421327088164701	12-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421404088201501	08-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421431088165701	11-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421506088354801	11-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421507088354801	11-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421515088210401	12-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421516088210101	12-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421519088362901	10-09-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421545088173801	11-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421640088120001	10-01-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-16-86	--	--	--	--	--	--	--	--	--
421648088125101	07-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421649088125001	07-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421741088132801	12-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421741088132802	12-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Livingston County--Continued					
405352088243001	03-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
405352088243201	03-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
	03-20-86	--	--	--	--	--	--	--	--	--
405930088435001	03-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405932088435401	03-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410526088254901	02-13-86	--	--	--	--	--	--	--	--	--
410532088253102	02-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410532088253103	02-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410535088254301	02-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-13-86	--	--	--	--	--	--	--	--	--
					Logan County					
395741089095201	07-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395741089100301	07-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400053089290101	11-21-86	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0
400309089165401	11-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400311089165501	11-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400312089165401	02-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400426089105601	11-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400738089231301	12-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400741089231001	12-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401020089230501	12-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-26-87	--	--	--	--	--	--	--	--	--
401020089231201	12-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-26-87	--	--	--	--	--	--	--	--	--
401103089345801	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401103089345802	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401110089350401	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401505088262801	02-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401507089263001	02-20-87	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401525089134601	06-17-87	<1.0	9.0	<1.0	<1.0	3.0	<1.0	<1.0	<1.0	<1.0
401537089140301	02-18-86	--	--	--	--	--	--	--	--	--

	06-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401537089140302	02-18-86	--	--	--	--	--	--	--	--	--
	06-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401538089134901	02-18-86	--	--	--	--	--	--	--	--	--
	06-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401543089134701	02-18-86	--	--	--	--	--	--	--	--	--
	06-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401754089290501	11-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401754089290502	11-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					McDonough County					
402251090464001	03-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403329090403801	11-21-85	--	--	--	--	--	--	--	--	--
403329090403802	11-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-21-87	--	--	--	--	--	--	--	--	--
					McHenry County					
420915088164801	11-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420915088254801	11-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-21-86	--	--	--	--	--	--	--	--	--
421002088253201	11-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421042088253301	05-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421148088160701	11-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-14-86	--	--	--	--	--	--	--	--	--
421207088151101	11-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421214088142701	11-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421324088173602	09-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421327088164701	12-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421404088201501	08-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421431088165701	11-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421506088354801	11-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421507088354801	11-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421515088210401	12-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421516088210101	12-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421519088362901	10-09-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421545088173801	11-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421640088120001	10-01-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-16-86	--	--	--	--	--	--	--	--	--
421648088125101	07-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421649088125001	07-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421741088132801	12-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421741088132802	12-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			McHenry County--Continued			
421853088154401	08-13-85	1430	McHenry Shores Subdivision No. 2	81700	17002	--
	07-15-86	1345	McHenry Shores Subdivision No. 2	17002	17002	--
421911088265901	07-02-85	1315	Woodstock Well No. 1	17002	17002	31.00
	07-15-86	1210	Woodstock Well No. 1	17002	17002	92.00
	05-28-87	1040	Woodstock Well No. 1	17002	17002	--
421911088270001	09-04-85	1605	Woodstock Well No. 4	17002	17002	126.00
421943088160501	11-13-86	0945	McHenry Well No. 2	17002	17002	--
421955088263301	03-26-85	1420	Woodstock Well No. 6	81700	17002	84.00
421956088262501	07-02-85	0955	Woodstock Well No. 5	17002	17002	92.00
	07-15-86	1125	Woodstock Well No. 5	17002	17002	--
	05-28-87	1020	Woodstock Well No. 5	17002	17002	--
422006088262401	07-02-85	1120	Woodstock Well No. 7	17002	17002	53.00
	07-15-86	1050	Woodstock Well No. 7	17002	17002	--
422037088160501	11-13-86	1355	McHenry Well No. 1	17002	17002	--
422048088174501	11-13-86	1300	McHenry Well No. 5	17002	17002	--
422139088303501	12-08-86	1320	Valley Hi Nursing Home Well No. 2	17002	17002	--
422228088203001	08-13-85	1235	Wooded Shores Subdivision Well No. 2	17002	17002	--
422231088221101	02-19-87	0920	Highland Shores Well No. 1	17002	17002	--
422243088215401	08-13-85	1015	Sunrise Ridge Subdivision Well No. 1	81700	17002	115.30
422427088122002	12-09-86	1015	Whispering Hills Water Company Well No. 5	17002	17002	--
422455088370901	03-26-85	1020	Harvard Well No. 5	81700	17002	46.00
	06-11-85	1120	Harvard Well No. 5	17002	17002	45.00
	01-27-87	1340	Harvard Well No. 5	17002	17002	--
	01-27-87	1345	Harvard Well No. 5	17002	17002	--
422455088371501	06-11-85	1240	Harvard Well No. 4	17002	17002	--
422458088371401	06-11-85	1000	Harvard Well No. 3	17002	17002	--
422525088361401	03-26-85	1200	Harvard Well No. 6	81700	17002	138.00
	06-11-85	1410	Harvard Well No. 6	17002	17002	140.00
422822088260201	11-21-86	1112	Hebron Well No. 3	17002	17002	--
422822088260201	05-06-87	1100	Hebron Well No. 3	17002	17002	--
422857088182101	06-27-85	0950	Richmond Well No. 2	17002	17002	72.00

McLean County

401842089004701	07-24-86	1125	Heyworth Well No. 1	17002	17002	--
401845089004601	07-24-86	1050	Heyworth Well No. 2	17002	17002	--
401851089102401	07-01-86	1140	McLean Well No. 4	17002	17002	--
401855089101801	07-01-86	1040	McLean Well No. 3	17002	17002	140.00
402108088460801	03-19-86	0930	Le Roy Well No. 8	17002	17002	--
402112088455601	03-19-86	1330	Le Roy Well No. 4	17002	17002	--
402112088460001	03-19-86	1220	Le Roy Well No. 5	17002	17002	--
402119088460201	03-19-86	1040	Le Roy Well No. 6	17002	17002	--
402455088434801	03-20-86	1125	Moraine View State Park Well No. 12	17002	17002	--
402601089131301	06-30-86	1130	Stanford Well No. 3	17002	17002	--
402604089132201	06-30-86	1030	Stanford Well No. 4	17002	17002	--
402912089090901	03-13-85	1005	Normal Well No. 100	81700	17002	205.00
	11-25-86	1040	Normal Well No. 100	81700	17002	--
402913089010401	03-13-86	1030	Normal Well No. 13	17002	17002	26.50
402913089102901	03-12-86	0915	Normal Well No. 102	17002	17002	197.00
402914089094901	03-13-86	0925	Normal Well No. 101	17002	17002	199.00
402915089011401	03-13-86	1150	Normal Well No. 14	17002	17002	23.00
402958088595201	03-12-86	1135	Normal Well No. 10	17002	17002	36.00
402958089001401	03-12-86	1025	Normal Well No. 11	17002	17002	49.00
402959089000201	03-11-86	1515	Normal Well No. 9	17002	17002	32.50
403036088583001	03-13-86	1320	Normal Well No. 8	17002	17002	17.00
	03-13-86	1340	Normal Well No. 8	17002	17002	17.00
403044088585501	03-11-86	1355	Normal Well No. 4	17002	17002	10.00
403049088582901	03-12-86	1235	Normal Well No. 6	17002	17002	57.00
403144089103001	06-30-86	1320	Danvers Well No. 3	17002	17002	250.00
403144089103002	06-30-86	1415	Danvers Well No. 4	17002	17002	301.00
403629088284601	07-14-86	1035	Cropsey Community Water Company Well No. 2	17002	17002	--
403629088284602	07-14-86	1050	Cropsey Community Water Company Well No. 1	17002	17002	--

Macon County

394010089054801	01-27-86	1405	Blue Mound Well No. 3	17002	17002	--
394242089005701	11-14-85	1105	Macon Well No. 5	17002	17002	39.00
394245089005701	11-14-85	1210	Macon Well No. 4	17002	17002	21.50
	11-14-85	1215	Macon Well No. 4	17002	17002	21.50
394746088582501	04-08-87	1435	Hyde Park Mobile Home Park Well No. 1 (North Well)	17002	17002	--
395150089094101	10-29-85	1335	Niantic Well No. 4	17002	17002	--
395152089094101	10-29-85	1200	Niantic Well No. 5	17002	17002	--
395200089083301	01-23-86	1140	Harristown Well No. 1	17002	17002	--
	08-06-86	1055	Harristown Well No. 1	17002	17002	--
395211088580301	10-31-85	1110	McKinley Trailer Park Well No. 1	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				McHenry County--Continued							
421853088154401	08-13-85	60	133	470	7.00	-186	12.5	42	28	30	1.4
	07-15-86	35	135	235	7.70	-150	11.5	--	--	--	--
421911088265901	07-02-85	90	--	765	7.20	-162	12.0	77	44	9.0	1.1
	07-15-86	70	--	335	7.40	-127	11.5	--	--	--	--
	05-28-87	280	950	--	--	--	--	--	--	--	--
421911088270001	09-04-85	20	--	315	7.20	-176	13.0	73	43	11	1.4
421943088160501	11-13-86	165	530	1,050	7.10	12	11.0	100	45	52	2.0
421955088263301	03-26-85	--	850	855	7.00	-90	11.5	110	52	10	1.8
421956088262501	07-02-85	E240	600	695	7.30	-152	12.0	80	46	7.0	1.1
	07-15-86	28	500	310	7.40	-118	11.0	--	--	--	--
	05-28-87	140	600	--	--	--	--	--	--	--	--
422006088262401	07-02-85	90	900	910	7.00	-109	12.0	110	50	17	1.4
	07-15-86	80	1,000	405	7.20	-112	11.0	--	--	--	--
422037088160501	11-13-86	38	E350	660	7.40	-118	12.0	66	40	13	.9
422048088174501	11-13-86	20	480	--	--	--	--	85	43	7.0	1.0
422139088303501	12-08-86	7	--	--	--	--	--	71	37	7.7	.7
422228088203001	08-13-85	90	146	505	7.10	-206	12.0	42	28	29	1.4
422231088221101	02-19-87	80	97	540	7.40	-116	11.0	69	34	4.9	.9
422243088215401	08-13-85	90	115	550	7.50	-160	12.5	66	34	4.9	1.1
422427088122002	12-09-86	5	E250	--	--	--	--	82	45	10	.8
422455088370901	03-26-85	95	160	1,100	6.80	-23	12.0	130	60	30	1.9
	06-11-85	120	155	1,090	7.00	-56	13.0	--	--	--	--
	01-27-87	460	140	--	--	--	--	--	--	--	--
	01-27-87	405	140	--	--	--	--	--	--	--	--
422455088371501	06-11-85	120	170	760	7.10	-123	12.0	94	45	16	1.4
422458088371401	06-11-85	120	100	1,110	7.10	-53	12.5	130	63	32	2.3
422525088361401	03-26-85	35	700	670	7.20	-136	11.0	74	44	11	1.2
	06-11-85	120	600	590	7.30	-174	11.0	--	--	--	--
422822088260201	11-21-86	--	450	--	--	--	--	110	50	48	2.6
422822088260201	05-06-87	35	450	--	--	--	--	--	--	--	--
422857088182101	06-27-85	90	300	800	7.20	-152	11.5	61	35	8.4	.9

McLean County

401842089004701	07-24-86	265	--	630	7.10	-83	13.0	88	34	11	1.3
401845089004601	07-24-86	--	--	535	7.30	-113	13.5	74	33	6.3	1.2
401851089102401	07-01-86	40	175	945	7.50	-190	14.0	68	30	110	2.4
401855089101801	07-01-86	--	150	780	7.10	-158	14.0	62	27	110	2.0
402108088460801	03-19-86	180	470	705	7.00	-32	11.0	90	38	20	2.1
402112088455601	03-19-86	60	150	685	7.20	-141	11.5	88	36	17	2.0
402112088460001	03-19-86	80	75	810	7.20	-116	11.0	91	38	20	2.0
402119088460201	03-19-86	60	300	930	7.10	-159	11.0	100	42	30	2.2
402455088434801	03-20-86	5	E250	760	7.30	-39	12.0	53	29	98	2.5
402601089131301	06-30-86	--	113	835	7.10	--	14.0	82	39	99	2.7
402604089132201	06-30-86	150	151	900	7.70	-188	14.5	78	37	96	2.6
402912089090901	03-13-85	>1,440	980	745	7.10	-165	13.0	65	37	53	2.1
	11-25-86	250	968	780	7.40	-158	13.5	68	37	59	1.5
402913089010401	03-13-86	570	215	1,220	6.90	-57	13.0	190	65	33	3.0
402913089102901	03-12-86	555	1,000	725	7.70	-50	13.0	72	36	46	2.8
402914089094901	03-13-86	505	1,000	730	7.30	-65	12.5	70	33	56	2.4
402915089011401	03-13-86	650	525	790	7.30	-73	12.0	88	41	37	3.5
402958088595201	03-12-86	695	320	1,080	7.30	-136	13.0	130	52	44	2.5
402958089001401	03-12-86	625	290	1,030	7.30	-47	13.0	130	44	43	3.2
402959089000201	03-11-86	>1,440	500	970	7.10	-57	13.5	120	45	40	2.5
403036088583001	03-13-86	740	280	995	6.60	-73	13.0	130	41	44	2.2
	03-13-86	760	280	995	6.60	-74	13.0	130	41	44	2.2
403044088585501	03-11-86	>1,440	245	765	7.40	-203	13.0	53	30	86	2.2
403049088582901	03-12-86	755	275	790	7.50	-60	12.5	100	37	26	1.8
403144089103001	06-30-86	380	105	1,010	7.20	-186	14.0	60	27	150	2.3
403144089103002	06-30-86	435	105	1,040	7.10	-194	14.5	75	35	140	2.6
403629088284601	07-14-86	--	15	580	7.40	-190	14.0	60	30	51	3.2
403629088284602	07-14-86	--	12	515	7.30	-197	15.0	39	28	60	2.1

Macon County

394010089054801	01-27-86	65	E190	440	7.40	77	13.0	49	21	12	.7
394242089005701	11-14-85	305	E200	660	7.00	325	13.0	85	36	13	.9
394245089005701	11-14-85	60	150	700	7.10	-108	13.0	84	39	24	1.3
	11-14-85	60	150	700	7.10	-108	13.0	83	38	24	1.3
394746088582501	04-08-87	--	--	430	7.60	-45	15.5	97	45	100	4.1
395150089094101	10-29-85	90	E100	805	7.10	-133	14.0	100	37	41	1.5
395152089094101	10-29-85	65	150	800	7.20	-141	14.5	80	36	56	2.3
395200089083301	01-23-86	190	108	890	6.90	-103	12.5	130	43	7.7	1.0
	08-06-86	655	100	800	6.70	-178	14.0	120	41	9.3	.9
395211088580301	10-31-85	40	E40	845	6.70	-101	15.5	130	60	18	2.4

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				McHenry County--Continued							
421853088154401	08-13-85	284	273	<10	<1.0	0.7	16	276	<0.10	0.49	0.10
	07-15-86	--	--	--	--	--	--	--	--	--	--
421911088265901	07-02-85	369	354	26	9.4	.5	23	445	<.10	1.40	.07
	07-15-86	--	--	--	--	--	--	--	--	--	--
	05-28-87	--	--	--	--	--	--	--	--	--	--
421911088270001	09-04-85	355	347	24	5.0	.5	23	403	<.10	2.00	.08
421943088160501	11-13-86	--	344	98	99	.2	12	657	.31	<.10	.01
421955088263301	03-26-85	368	379	99	27	.3	23	565	<.10	.51	.04
421956088262501	07-02-85	355	339	54	7.3	.5	21	468	<.10	.93	.05
	07-15-86	--	--	--	--	--	--	--	--	--	--
	05-28-87	--	--	--	--	--	--	--	--	--	--
422006088262401	07-02-85	366	346	120	40	.2	18	647	<.10	.56	.04
	07-15-86	--	--	--	--	--	--	--	--	--	--
422037088160501	11-13-86	--	336	13	12	.4	21	375	<.10	.76	.03
422048088174501	11-13-86	--	339	59	13	.3	--	459	<.10	<.10	.01
422139088303501	12-08-86	--	368	<10	1.1	.3	20	444	<.10	1.10	.04
422228088203001	08-13-85	301	288	<10	<1.0	.7	15	323	<.10	.99	.05
422231088221101	02-19-87	--	290	33	1.8	.2	--	373	<.10	<.10	.11
422243088215401	08-13-85	304	291	22	1.2	.5	20	359	<.10	<.10	.04
422427088122002	12-09-86	--	327	78	23	.3	20	524	<.10	<.10	<.01
422455088370901	03-26-85	381	391	120	84	.1	17	769	2.40	<.10	<.01
	06-11-85	380	--	--	--	--	--	--	--	--	--
	01-27-87	--	--	--	--	--	--	--	--	--	--
	01-27-87	--	--	--	--	--	--	--	--	--	--
422455088371501	06-11-85	319	310	75	57	.1	15	554	<.10	<.10	.01
422458088371401	06-11-85	388	378	110	100	.1	15	744	3.10	<.10	<.01
422525088361401	03-26-85	362	371	26	8.3	.5	23	433	<.10	.88	.07
	06-11-85	359	--	--	--	--	--	--	--	--	--
422822088260201	11-21-86	--	367	47	100	<.1	--	676	7.80	<.10	<.01
422822088260201	05-06-87	--	--	--	--	--	--	--	--	--	--
422857088182101	06-27-85	359	315	16	5.8	.3	17	365	.19	.43	.06

McLean County

401842089004701	07-24-86	319	319	30	28	.2	--	423	2.00	<.10	<.01
401845089004601	07-24-86	283	283	32	19	.2	--	427	.17	<.10	<.01
401851089102401	07-01-86	437	437	<10	67	.5	--	544	<.10	4.40	.35
401855089101801	07-01-86	416	416	<10	73	.5	--	519	<.10	4.20	.42
402108088460801	03-19-86	450	443	<10	2.4	.3	29	436	<.10	6.90	.29
402112088455601	03-19-86	426	423	<10	5.5	.3	28	408	<.10	6.50	.29
402112088460001	03-19-86	449	449	<10	2.1	.3	29	438	<.10	6.70	.20
402119088460201	03-19-86	509	502	<10	3.1	.3	28	487	<.10	6.70	.32
402455088434801	03-20-86	--	475	<10	11	.6	19	484	<.10	8.10	.19
402601089131301	06-30-86	538	538	<10	52	.5	--	572	<.10	8.20	.42
402604089132201	06-30-86	500	500	<10	54	.5	--	587	<.10	7.60	.43
402912089090901	03-13-85	446	470	<10	5.4	.5	16	429	<.10	4.50	.25
	11-25-86	--	455	<10	6.4	.4	--	483	.10	4.40	.25
402913089010401	03-13-86	432	351	330	39	.2	11	922	<.10	.56	.02
402913089102901	03-12-86	443	424	<10	4.3	.4	16	442	<.10	3.40	.08
402914089094901	03-13-86	444	427	<10	5.4	.4	17	459	.10	4.20	.20
402915089011401	03-13-86	268	261	130	58	.2	9.1	538	<.10	.48	.01
402958088595201	03-12-86	421	403	140	67	.2	9.4	648	<.10	.28	.02
402958089001401	03-12-86	363	346	170	64	.2	8.7	788	<.10	.50	.03
402959089000201	03-11-86	377	363	110	61	.3	9.3	612	<.10	.41	.01
403036088583001	03-13-86	364	406	110	87	.2	7.1	642	<.10	<.10	<.01
	03-13-86	364	353	110	88	.2	7.4	642	<.10	<.10	<.01
403044088585501	03-11-86	446	425	<10	11	.6	16	452	<.10	4.90	.27
403049088582901	03-12-86	369	350	62	35	.3	--	494	<.10	.66	.06
403144089103001	06-30-86	564	564	<10	44	.3	--	629	<.10	8.10	.64
403144089103002	06-30-86	602	602	<10	41	.3	--	634	<.10	9.20	.69
403629088284601	07-14-86	338	338	57	1.2	.7	--	417	<.10	.83	<.01
403629088284602	07-14-86	343	343	<10	3.0	.7	--	352	<.10	2.10	.12

Macon County

394010089054801	01-27-86	--	178	24	8.7	.2	21	319	6.80	<.10	.03
394242089005701	11-14-85	329	318	42	13	.2	15	605	.79	.86	.10
394245089005701	11-14-85	410	389	<10	8.9	.2	17	417	<.10	1.60	.17
	11-14-85	409	387	<10	39	.2	17	428	<.10	1.70	.17
394746088582501	04-08-87	--	565	<10	26	.4	23	627	<.10	6.70	.15
395150089094101	10-29-85	433	406	29	22	.3	14	500	<.10	2.40	.28
395152089094101	10-29-85	435	413	22	17	.5	18	491	<.10	5.20	.46
395200089083301	01-23-86	--	372	160	17	.3	8.6	630	.12	.50	.05
	08-06-86	346	346	110	17	.2	--	599	<.10	.56	.04
395211088580301	10-31-85	380	366	170	33	.2	16	695	<.10	.15	.03

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				McHenry County--Continued							
421853088154401	08-13-85	<50	5	60	<0.5	230	<3	<5	<5	<5	1,500
	07-15-86	--	--	--	--	--	--	--	--	--	--
421911088265901	07-02-85	<50	<1	90	<.5	60	<3	<5	<5	<5	1,300
	07-15-86	--	--	--	--	--	--	--	--	--	--
	05-28-87	--	--	--	--	--	--	--	--	--	--
421911088270001	09-04-85	220	<1	100	<.5	70	<3	<5	<5	<5	1,400
421943088160501	11-13-86	<50	<1	90	<.5	<50	<3	<5	6	<5	1,300
421955088263301	03-26-85	<50	<1	100	<.5	<50	<3	<5	<5	<5	2,600
421956088262501	07-02-85	<50	1	70	<.5	<50	<3	<5	<5	<5	1,700
	07-15-86	--	--	--	--	--	--	--	--	--	--
	05-28-87	--	--	--	--	--	--	--	--	--	--
422006088262401	07-02-85	<50	<1	80	<.5	<50	<3	<5	<5	<5	3,200
	07-15-86	--	--	--	--	--	--	--	--	--	--
422037088160501	11-13-86	<50	<1	70	<.5	80	<3	<5	<5	<5	1,500
422048088174501	11-13-86	<50	2	60	<.5	<50	<3	<5	6	<5	2,200
422139088303501	12-08-86	<50	12	40	<.5	<50	<3	<5	<5	<5	3,200
422228088203001	08-13-85	<50	10	70	<.5	220	<3	<5	<5	<5	1,500
422231088221101	02-19-87	<50	2	30	<.5	<50	<3	<5	<5	<5	750
422243088215401	08-13-85	<50	2	30	<.5	<50	<3	<5	<5	<5	930
422427088122002	12-09-86	<50	<1	60	<.5	<50	<3	<5	<5	<5	1,500
422455088370901	03-26-85	<50	<1	50	<.5	100	<3	<5	<5	<5	220
	06-11-85	--	--	--	--	--	--	--	--	--	--
	01-27-87	--	--	--	--	--	--	--	--	--	--
	01-27-87	--	--	--	--	--	--	--	--	--	--
422455088371501	06-11-85	<50	10	40	<.5	60	<3	<5	<5	<5	1,000
422458088371401	06-11-85	<50	<1	60	<.5	230	<3	<5	<5	<5	120
422525088361401	03-26-85	70	1	80	<.5	70	3	11	8	6	1,800
	06-11-85	--	--	--	--	--	--	--	--	--	--
422822088260201	11-21-86	<50	<1	80	<.5	<50	<3	<5	<5	<5	<50
422822088260201	05-06-87	--	--	--	--	--	--	--	--	--	--
422857088182101	06-27-85	<50	6	50	<.5	<50	<3	<5	<5	<5	1,200

McLean County

401842089004701	07-24-86	<50	<1	80	<.5	<50	<3	<5	<5	<5	400
401845089004601	07-24-86	<50	<1	50	<.5	<50	<3	<5	<5	<5	370
401851089102401	07-01-86	60	35	600	<1.0	380	<3	<5	<5	<5	1,900
401855089101801	07-01-86	<50	29	400	<1.0	280	<3	<5	<5	<5	2,100
402108088460801	03-19-86	<50	32	100	<.5	140	<3	<5	<5	<5	4,300
402112088455601	03-19-86	<50	28	100	<.5	120	<3	<5	<5	<5	3,900
402112088460001	03-19-86	<50	25	100	<.5	140	<3	<5	<5	6	4,000
402119088460201	03-19-86	<50	24	100	<1.0	160	<3	<5	<5	<5	4,900
402455088434801	03-20-86	<50	1	200	<.5	780	<3	<5	<5	<5	1,800
402601089131301	06-30-86	80	22	400	<1.0	280	<3	<5	<5	<5	6,700
402604089132201	06-30-86	170	15	300	<1.0	280	<3	<5	<5	<5	2,700
402912089090901	03-13-85	<50	20	200	<.5	320	<3	<5	<5	<5	2,100
	11-25-86	<50	26	200	<.5	330	<3	<5	<5	6	2,300
402913089010401	03-13-86	<50	<1	70	<.5	400	<3	<5	<5	6	3,700
402913089102901	03-12-86	<50	1	200	<.5	350	<3	<5	7	<5	1,200
402914089094901	03-13-86	<50	24	200	<.5	340	<3	<5	<5	<5	2,100
402915089011401	03-13-86	<50	<1	80	<.5	120	<3	<5	7	<5	1,600
402958088595201	03-12-86	<50	1	90	<.5	270	<3	<5	5	5	1,800
402958089001401	03-12-86	<50	<1	100	<.5	170	<3	<5	5	<5	1,800
402959089000201	03-11-86	<50	<1	100	<.5	380	<3	<5	6	<5	1,700
403036088583001	03-13-86	<50	2	70	<.5	90	<3	<5	5	<5	1,400
	03-13-86	<50	1	70	<.5	90	<3	<5	5	<5	1,400
403044088585501	03-11-86	<50	13	300	<.5	450	<3	<5	<5	<5	2,200
403049088582901	03-12-86	<50	<1	300	<.5	300	<3	<5	<5	<5	2,800
403144089103001	06-30-86	<50	39	300	<.5	280	<3	<5	<5	<5	1,900
403144089103002	06-30-86	270	47	300	<1.0	290	<3	<5	<5	<5	3,100
403629088284601	07-14-86	50	6	60	<.5	1,700	<3	<5	<5	<5	1,200
403629088284602	07-14-86	60	<1	90	<.5	1,400	<3	<5	<5	<5	2,400

Macon County

394010089054801	01-27-86	<50	<1	10	<.5	<50	<3	<5	<5	<5	<50
394242089005701	11-14-85	<50	<1	70	<.5	<50	<3	<5	<5	15	1,700
394245089005701	11-14-85	<50	2	100	<.5	190	<3	<5	<5	<5	2,600
	11-14-85	<50	2	100	<.5	190	<3	<5	<5	<5	2,500
394746088582501	04-08-87	60	13	300	<.5	1,000	<3	<5	<5	<5	3,900
395150089094101	10-29-85	<50	8	200	<.5	390	<3	<5	<5	<5	3,900
395152089094101	10-29-85	<50	11	200	<.5	640	<3	<5	<5	<5	4,100
395200089083301	01-23-86	<50	5	80	<.5	<50	<3	<5	<5	<5	660
	08-06-86	<50	3	90	<.5	<50	<3	<5	<5	<5	630
395211088580301	10-31-85	<50	<1	100	<.5	310	<3	<5	<5	<5	1,200

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recov-erable (µg/L as Pb)	Manga-nese, total recov-erable (µg/L as Mn)	Mercury total recov-erable (µg/L as Mg)	Nickel, total recov-erable (µg/L as Ni)	Sele-nium, total (µg/L as Se)	Silver, total recov-erable (µg/L as Ag)	Stron-tium, total recov-erable (µg/L as Sr)	Vana-dium, total (µg/L as V)	Zinc, total recov-erable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				McHenry County--Continued							
421853088154401	08-13-85	<5	16	<0.01	<5	1	<3	1,700	<5	<50	<0.01
	07-15-86	--	--	--	--	--	--	--	--	--	--
421911088265901	07-02-85	<5	26	.09	8	<1	4	460	<5	<50	<.01
	07-15-86	--	--	--	--	--	--	--	--	--	--
	05-28-87	--	--	--	--	--	--	--	--	--	--
421911088270001	09-04-85	<5	41	.01	<5	<1	<3	700	<5	<50	<.01
421943088160501	11-13-86	<5	140	<.05	<5	<1	<3	160	<5	<50	<.01
421955088263301	03-26-85	<5	64	<.10	<5	1	4	340	<5	<50	<.01
421956088262501	07-02-85	<5	18	<.01	<5	<1	<3	450	<5	<50	<.01
	07-15-86	--	--	--	--	--	--	--	--	--	--
	05-28-87	--	--	--	--	--	--	--	--	--	--
422006088262401	07-02-85	<5	160	<.01	<5	<1	<3	100	<5	<50	<.01
	07-15-86	--	--	--	--	--	--	--	--	--	--
422037088160501	11-13-86	<5	17	<.05	<5	<1	<3	990	<5	<50	<.01
422048088174501	11-13-86	<5	37	<.05	<5	<1	<3	300	<5	<50	<.01
422139088303501	12-08-86	<5	22	<.05	<5	<1	<3	630	<5	120	<.01
422228088203001	08-13-85	<5	15	<.01	<5	<1	<3	1,700	<5	<50	<.01
422231088221101	02-19-87	<5	86	<.05	<5	<1	<3	110	<5	<50	<.01
422243088215401	08-13-85	<5	100	.06	<5	1	3	120	<5	<50	<.01
422427088122002	12-09-86	<5	42	<.05	<5	<1	<3	230	<5	<50	<.01
422455088370901	03-26-85	<5	150	<.10	<5	<1	<3	230	<5	<50	<.01
	06-11-85	--	--	--	--	--	--	--	--	--	--
	01-27-87	--	--	--	--	--	--	--	--	--	--
	01-27-87	--	--	--	--	--	--	--	--	--	--
422455088371501	06-11-85	<5	120	<.01	<5	<1	<3	130	<5	<50	<.01
422458088371401	06-11-85	<5	39	<.01	<5	1	<3	220	<5	<50	<.01
422525088361401	03-26-85	<5	42	<.10	15	<1	10	1,900	5	<50	<.01
	06-11-85	--	--	--	--	--	--	--	--	--	--
422822088260201	11-21-86	<5	<5	<.05	<5	<1	<3	170	<5	<50	<.01
422822088260201	05-06-87	--	--	--	--	--	--	--	--	--	--
422857088182101	06-27-85	<5	41	<.01	<5	<1	<3	760	<5	<50	<.01

McLean County

401842089004701	07-24-86	<5	200	<.01	<5	7	<3	110	<5	<50	<.01
401845089004601	07-24-86	<5	130	<.01	<5	1	<3	110	<5	<50	<.01
401851089102401	07-01-86	<5	36	<.01	<5	<1	<3	620	5	<50	<.01
401855089101801	07-01-86	<5	43	<.01	<5	<1	<3	620	<5	<50	<.01
402108088460801	03-19-86	<5	44	<.01	<5	1	<3	380	<5	<50	<.01
402112088455601	03-19-86	<5	46	<.01	<5	<1	<3	350	<5	<50	<.01
402112088460001	03-19-86	<5	47	<.01	<5	1	<3	380	<5	<50	<.01
402119088460201	03-19-86	<5	68	.02	<5	1	<3	370	<5	<50	<.01
402455088434801	03-20-86	<5	16	<.01	<5	<1	<3	500	<5	<50	<.01
402601089131301	06-30-86	<5	65	<.01	7	<1	<3	730	7	260	<.01
402604089132201	06-30-86	<5	52	<.01	<5	<1	<3	680	5	<50	<.01
402912089090901	03-13-85	<5	34	<.10	<5	<1	<5	670	<5	<50	<.01
	11-25-86	<5	43	<.05	<5	<1	<3	590	<5	<50	<.01
402913089010401	03-13-86	<5	290	<.01	<5	<1	<3	610	5	<50	<.01
402913089102901	03-12-86	<5	170	.01	<5	<1	<3	650	<5	<50	<.01
402914089094901	03-13-86	<5	51	<.01	<5	<1	<3	580	<5	<50	<.01
402915089011401	03-13-86	<5	180	<.01	<5	<1	<3	190	<5	<50	<.01
402958088595201	03-12-86	<5	200	<.01	25	<1	<3	530	<5	<50	<.01
402958089001401	03-12-86	<5	220	.01	<5	<1	4	440	<5	<50	<.01
402959089000201	03-11-86	<5	210	<.01	<5	<1	5	630	5	<50	<.01
403036088583001	03-13-86	<5	480	<.01	<5	<1	3	260	5	<50	<.01
	03-13-86	<5	470	<.01	<5	<1	<3	260	<5	<50	<.01
403044088585501	03-11-86	<5	36	<.01	<5	<1	<3	660	<5	<50	<.01
403049088582901	03-12-86	<5	150	<.01	<5	<1	<3	960	<5	<50	<.01
403144089103001	06-30-86	<5	35	<.01	<5	<1	<3	460	<5	<50	<.01
403144089103002	06-30-86	<5	57	<.01	<5	<1	<3	590	<5	<50	<.01
403629088284601	07-14-86	<5	13	.05	6	<1	<3	1,600	<5	<50	<.01
403629088284602	07-14-86	<5	25	.05	<5	<1	<3	830	<5	330	<.01

Macon County

394010089054801	01-27-86	<5	7	<.01	<5	1	<3	70	<5	<50	<.01
394242089005701	11-14-85	<5	180	<.01	<5	<1	<3	150	<5	<50	<.01
394245089005701	11-14-85	<5	110	<.01	<5	<1	<3	200	<5	<50	<.01
	11-14-85	<5	110	.04	<5	<1	<3	200	<5	<50	<.01
394746088582501	04-08-87	<5	30	<.05	<5	<1	<3	560	<5	<50	<.01
395150089094101	10-29-85	<5	180	<.01	<5	1	<3	470	<5	<50	<.01
395152089094101	10-29-85	<5	110	<.01	<5	<1	<3	660	<5	<50	<.01
395200089083301	01-23-86	<5	450	<.01	<5	<1	<3	210	<5	<50	<.01
	08-06-86	<5	390	<.01	<5	<1	4	210	<5	<50	<.01
395211088580301	10-31-85	<5	140	<.01	<5	<1	<3	160	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				McHenry County--Continued						
421853088154401	08-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-15-86	--	--	--	--	--	--	--	--	--
421911088265901	07-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-15-86	--	--	--	--	--	--	--	--	--
	05-28-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421911088270001	09-04-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421943088160501	11-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421955088263301	03-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421956088262501	07-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-15-86	--	--	--	--	--	--	--	--	--
	05-28-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422006088262401	07-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-15-86	--	--	--	--	--	--	--	--	--
422037088160501	11-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422048088174501	11-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422139088303501	12-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422228088203001	08-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422231088221101	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422243088215401	08-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422427088122002	12-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422455088370901	03-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-11-85	--	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	01-27-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01-27-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422455088371501	06-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422458088371401	06-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422525088361401	03-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-11-85	--	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422822088260201	11-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422822088260201	05-06-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422857088182101	06-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

McLean County

401842089004701	07-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401845089004601	07-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401851089102401	07-01-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
401855089101801	07-01-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402108088460801	03-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402112088455601	03-19-86	<5	--	--	--	--	--	--	--	--
402112088460001	03-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402119088460201	03-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402455088434801	03-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402601089131301	06-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402604089132201	06-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402912089090901	03-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	11-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402913089010401	03-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402913089102901	03-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402914089094901	03-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402915089011401	03-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402958088595201	03-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
402958089001401	03-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402959089000201	03-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403036088583001	03-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	03-13-86	<5	--	--	--	--	--	--	--	--
403044088585501	03-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403049088582901	03-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403144089103001	06-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403144089103002	06-30-86	<5	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0
403629088284601	07-14-86	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403629088284602	07-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Macon County

394010089054801	01-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
394242089005701	11-14-85	5	--	--	--	--	--	--	--	--
394245089005701	11-14-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-14-85	<5	--	--	--	--	--	--	--	--
394746088582501	04-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395150089094101	10-29-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395152089094101	10-29-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395200089083301	01-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	--
	08-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395211088580301	10-31-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				McHenry County--Continued						
421853088154401	08-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-15-86	--	--	--	--	--	--	--	--	--
421911088265901	07-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-15-86	--	--	--	--	--	--	--	--	--
	05-28-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421911088270001	09-04-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421943088160501	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421955088263301	03-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421956088262501	07-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-15-86	--	--	--	--	--	--	--	--	--
	05-28-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422006088262401	07-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-15-86	--	--	--	--	--	--	--	--	--
422037088160501	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422048088174501	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422139088303501	12-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422228088203001	08-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422231088221101	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422243088215401	08-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422427088122002	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422455088370901	03-26-85	10	<1.0	<1.0	3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-11-85	6.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01-27-87	3.0	<1.0	<1.0	22.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01-27-87	3.0	<1.0	<1.0	23.0	<1.0	<1.0	<1.0	<1.0	<1.0
422455088371501	06-11-85	<1.0	<1.0	<1.0	19.1	<1.0	<1.0	<1.0	<1.0	<1.0
422458088371401	06-11-85	<1.0	<1.0	<1.0	15.0	<1.0	<1.0	<1.0	<1.0	<1.0
422525088361401	03-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-11-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422822088260201	11-21-86	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0
422822088260201	05-06-87	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422857088182101	06-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

McLean County

401842089004701	07-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401845089004601	07-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401851089102401	07-01-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401855089101801	07-01-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402108088460801	03-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402112088455601	03-19-86	--	--	--	--	--	--	--	--	--
402112088460001	03-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402119088460201	03-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402455088434801	03-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402601089131301	06-30-86	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402604089132201	06-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402912089090901	03-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402913089010401	03-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402913089102901	03-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402914089094901	03-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402915089011401	03-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402958088595201	03-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
402958089001401	03-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402959089000201	03-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403036088583001	03-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-13-86	--	--	--	--	--	--	--	--	--
403044088585501	03-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403049088582901	03-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403144089103001	06-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403144089103002	06-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403629088284601	07-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403629088284602	07-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Macon County

394010089054801	01-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394242089005701	11-14-85	--	--	--	--	--	--	--	--	--
394245089005701	11-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-14-85	--	--	--	--	--	--	--	--	--
394746088582501	04-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395150089094101	10-29-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395152089094101	10-29-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395200089083301	01-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395211088580301	10-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Macon County--Continued			
395250088510601	10-31-85	1405	Long Creek Public Water District Well No. 1	17002	17002	66.00
395352088511501	10-31-85	1505	Long Creek Public Water District Well No. 2	17002	17002	--
395558089040101	01-08-87	1055	Warrensburg Well No. 2	17002	17002	--
	01-08-87	1100	Warrensburg Well No. 2	17002	17002	--
395600089040301	01-08-87	1025	Warrensburg Well No. 1	17002	17002	--
395606088570901	11-13-85	1515	Forsyth Well No. 3	17002	17002	41.00
395606088571101	11-13-85	1620	Forsyth Well No. 2	17002	17002	--
395606088571201	11-13-85	1400	Forsyth Well No. 1	17002	17002	74.00
395640088515501	10-30-85	1115	Oreana Well No. 1	17002	17002	65.00
395640088515502	10-30-85	1205	Oreana Well No. 2	17002	17002	64.00
395645088571701	11-13-85	1725	Forsyth Well No. 4	17002	17002	58.00
395858088492801	11-14-85	1400	Argenta Well No. 1	17002	17002	69.00
400221088572101	06-12-86	1350	Maroa Well No. 3	17002	17002	--
400222088571401	11-13-85	1125	Maroa Well No. 2	17002	17002	--
	06-12-86	1315	Maroa Well No. 2	17002	17002	--
			Macoupin County			
391411090072001	07-08-86	1105	Chesterfield Well No. 2	17002	17002	--
			Madison County			
383929090012701	03-07-85	1215	Collinsville Well No. 10	81700	17002	40.50
	08-05-86	1300	Collinsville Well No. 10	17002	17002	--
383930090012401	08-05-86	1220	Collinsville Well No. 8	17002	17002	--
383932090012601	08-05-86	1145	Collinsville Well No. 9	17002	17002	--
383933090012201	08-05-86	1415	Collinsville Well No. 7	17002	17002	--
384114090005201	07-23-86	1250	Troy Well No. 1	17002	17002	36.00
	07-23-86	1255	Troy Well No. 1	17002	17002	36.00
384114090005401	07-23-86	1150	Troy Well No. 2	17002	17002	36.00
384115090005501	07-23-86	1320	Troy Well No. 3	17002	17002	41.00
384158090025101	07-29-86	1320	Holiday Mobile Home Park Well No. 1	17002	17002	--

384352090004101	08-14-86	0830	Maryville Well No. 1	17002	17002	--
384352090004401	09-25-86	0840	Maryville Well No. 2	17002	17002	--
384353090004201	09-25-86	0920	Maryville Well No. 3	17002	17002	--
384417090005201	08-20-86	1405	Glen Carbon Well No. 4	17002	17002	--
384418090004901	08-20-86	1510	Glen Carbon Well No. 5	17002	17002	--
	08-20-86	1515	Glen Carbon Well No. 5	17002	17002	--
384418090005101	08-20-86	1440	Glen Carbon Well No. 6	17002	17002	--
384650089480101	08-20-86	1110	Marine Well No. 1	17002	17002	--
384650089480102	08-20-86	1035	Marine Well No. 2	17002	17002	--
384740090022701	03-08-85	1100	Edwardsville Well No. 8	17002	17002	32.10
	08-21-86	1130	Edwardsville Well No. 8	17002	17002	--
384741090022601	08-21-86	1050	Edwardsville Well No. 7	17002	17002	--
384741090022701	08-21-86	1010	Edwardsville Well No. 3	17002	17002	--
384743090022301	08-21-86	0930	Edwardsville Well No. 5	17002	17002	--
384822090034801	03-06-85	0920	Roxana Well No. 10	81700	17002	19.50
	08-13-86	1350	Roxana Well No. 10	17002	17002	25.00
	12-04-86	0920	Roxana Well No. 10	81700	17002	22.00
	05-07-87	0900	Roxana Well No. 10	81700	17002	27.00
384823090034901	08-13-86	1420	Roxana Well No. 9 New Field Well No. 2	17002	17002	27.00
384823090035101	08-13-86	1450	Roxana Well No. 8 New Field Well No. 1	17002	17002	31.00
384919089480601	08-20-86	1205	Marine Well No. 3	17002	17002	--
384955090055801	03-08-85	0925	Hartford Well No. 4	81700	17002	20.00
	03-13-86	1120	Hartford Well No. 4	17002	17002	--
	08-13-86	1100	Hartford Well No. 4	17002	17002	39.00
	10-07-86	1340	Hartford Well No. 4	17002	17002	--
	12-04-86	1110	Hartford Well No. 4	81700	17002	24.00
	05-07-87	1040	Hartford Well No. 4	81700	17002	31.00
384957090055601	03-13-86	1210	Hartford Well No. 2	17002	17002	50.00
	08-13-86	1220	Hartford Well No. 2	17002	17002	--
	10-07-86	1405	Hartford Well No. 2	17002	17002	--
384957090055701	03-13-86	1300	Hartford Well No. 3	17002	17002	--
	08-13-86	1140	Hartford Well No. 3	17002	17002	--
	10-07-86	1425	Hartford Well No. 3	17002	17002	--
385117090063701	03-07-85	1430	Wood River Well No. 6	81700	17002	25.00
385126090064601	07-30-86	1210	Wood River Well No. 5	17002	17002	--
385127090065001	07-30-86	1130	Wood River Well No. 2	17002	17002	--
385127090065201	07-30-86	1055	Wood River Well No. 1	17002	17002	--
385201090044801	08-06-86	1320	Bethalto Well No. 10	17002	17002	--
385201090045101	08-06-86	1210	Bethalto Well No. 6	17002	17002	--
385202090045301	08-06-86	1135	Bethalto Well No. 9	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Macon County--Continued							
395250088510601	10-31-85	245	E200	835	7.80	-128	13.0	84	43	75	3.4
395352088511501	10-31-85	60	200	960	7.40	-133	13.5	100	53	88	4.2
395558089040101	01-08-87	25	E150	635	7.90	-181	13.5	76	36	52	2.5
	01-08-87	30	E150	635	7.90	-181	13.5	72	34	48	2.3
395600089040301	01-08-87	25	E90	500	7.30	-226	13.5	69	31	20	1.6
395606088570901	11-13-85	60	E300	670	7.20	-150	14.0	71	37	28	2.0
395606088571101	11-13-85	50	E68	720	7.10	-145	15.5	78	40	30	2.3
395606088571201	11-13-85	180	E70	720	7.20	-172	13.5	71	37	40	1.8
395640088515501	10-30-85	70	50	875	7.10	-164	14.0	88	46	58	3.4
395640088515502	10-30-85	120	120	830	7.10	-165	13.5	83	43	57	3.1
395645088571701	11-13-85	55	310	795	6.80	-109	14.5	86	42	32	2.6
395858088492801	11-14-85	840	E115	990	7.40	-186	13.5	64	37	110	2.7
400221088572101	06-12-86	30	E140	920	7.40	-194	14.0	64	41	90	3.0
400222088571401	11-13-85	205	E150	875	7.60	-233	13.5	57	42	82	3.1
	06-12-86	--	--	--	--	--	--	--	--	--	--
				Macoupin County							
391411090072001	07-08-86	245	60	870	6.90	-57	15.0	110	48	17	1.0
				Madison County							
383929090012701	03-07-85	405	731	1,040	7.10	-81	14.0	140	57	20	1.8
	08-05-86	45	900	940	7.10	-98	15.0	150	57	24	1.3
383930090012401	08-05-86	--	E900	940	7.00	-80	15.0	130	52	22	1.1
383932090012601	08-05-86	--	E900	750	7.10	-86	15.0	110	42	11	1.0
383933090012201	08-05-86	30	E900	885	6.90	-24	15.0	130	57	14	.9
384114090005201	07-23-86	30	400	905	7.00	21	14.5	120	54	14	1.4
	07-23-86	30	400	905	7.00	21	14.5	120	54	14	1.4
384114090005401	07-23-86	170	E500	795	7.00	-30	14.5	100	48	12	1.2
384115090005501	07-23-86	60	550	815	7.00	-41	14.0	100	46	9.1	1.1
384158090025101	07-29-86	15	550	1,240	6.90	-176	16.5	120	30	91	5.7

384352090004101	08-14-86	30	E400	840	6.80	-56	14.0	110	51	15	1.0
384352090004401	09-25-86	40	400	820	7.00	-39	14.5	100	47	9.9	.9
384353090004201	09-25-86	30	400	850	6.80	-50	14.5	110	50	12	.8
384417090005201	08-20-86	30	500	685	7.10	-109	14.5	94	42	9.2	.9
384418090004901	08-20-86	15	E500	715	7.10	-80	15.0	100	45	9.5	1.0
	08-20-86	60	E500	715	7.10	-78	15.0	99	44	9.6	.9
384418090005101	08-20-86	25	E500	735	7.10	-78	14.5	100	44	14	1.1
384650089480101	08-20-86	70	60	--	7.20	-150	14.5	61	28	110	1.8
384650089480102	08-20-86	35	60	995	7.20	-133	14.5	61	28	130	2.0
384740090022701	03-08-85	210	900	500	6.80	-120	15.0	65	21	8.1	1.8
	08-21-86	90	600	465	7.30	-107	15.5	66	21	8.9	1.3
384741090022601	08-21-86	--	900	445	7.20	-106	15.0	65	17	11	1.7
384741090022701	08-21-86	115	675	505	7.10	-46	15.0	78	22	10	1.4
384743090022301	08-21-86	75	875	520	7.10	-125	14.5	76	23	7.3	1.9
384822090034801	03-06-85	120	475	620	7.10	-127	14.0	86	21	11	2.2
	08-13-86	290	460	590	7.00	-140	14.5	88	21	13	1.6
	12-04-86	130	480	630	7.00	-116	13.0	82	20	14	1.3
	05-07-87	90	450	630	7.10	-136	14.0	88	20	13	1.3
384823090034901	08-13-86	65	450	560	7.10	-151	14.5	85	20	12	1.5
384823090035101	08-13-86	350	450	540	7.10	-143	14.0	77	20	11	1.5
384919089480601	08-20-86	35	60	940	7.30	-158	14.5	59	27	130	2.1
384955090055801	03-08-85	250	405	725	6.60	-137	14.5	96	26	18	4.5
	03-13-86	110	405	600	6.90	-129	14.5	--	--	--	--
	08-13-86	133	405	720	6.90	-124	14.5	110	26	17	3.6
	10-07-86	--	--	--	--	--	--	--	--	--	--
	12-04-86	60	405	790	7.10	-117	13.0	71	30	3.5	.5
	05-07-87	760	405	780	7.00	-122	14.0	110	26	17	3.0
384957090055601	03-13-86	100	200	530	7.00	-138	14.0	90	22	19	4.0
	08-13-86	30	200	645	7.10	-138	14.5	89	24	20	3.2
	10-07-86	--	--	--	--	--	--	--	--	--	--
384957090055701	03-13-86	90	--	560	6.90	-144	14.0	100	24	21	4.7
	08-13-86	25	360	625	7.10	-140	14.5	84	26	24	4.0
	10-07-86	--	--	--	--	--	--	--	--	--	--
385117090063701	03-07-85	390	E600	675	6.80	-129	14.5	85	28	13	2.8
385126090064601	07-30-86	--	800	645	7.00	-158	14.5	95	29	17	2.9
385127090065001	07-30-86	--	600	570	6.90	-158	14.5	75	23	17	2.6
385127090065201	07-30-86	40	600	530	7.00	-160	13.5	66	21	17	2.6
385201090044801	08-06-86	30	725	670	7.00	-60	15.5	100	34	17	1.7
385201090045101	08-06-86	25	625	810	6.90	-76	15.5	130	38	22	2.5
385202090045301	08-06-86	35	790	775	7.20	-70	15.0	120	38	20	2.8

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				Macon County--Continued							
395250088510601	10-31-85	495	470	<10	34	0.5	21	584	<0.10	3.80	0.14
395352088511501	10-31-85	602	578	<10	36	.5	23	654	<.10	4.50	.18
395558089040101	01-08-87	--	450	<10	12	.5	20	508	.31	3.80	.38
	01-08-87	--	451	<10	12	.5	20	459	.11	3.90	.38
395600089040301	01-08-87	--	347	<10	3.8	.4	18	375	.29	2.10	.35
395606088570901	11-13-85	394	373	<10	7.5	.3	20	410	<.10	3.00	.36
395606088571101	11-13-85	445	408	<10	6.1	.3	21	434	<.10	4.30	.43
395606088571201	11-13-85	405	363	<10	16	.3	19	451	<.10	1.50	.17
395640088515501	10-30-85	549	524	1.9	11	.4	19	527	<.10	9.80	.74
395640088515502	10-30-85	520	483	<10	12	.4	18	515	<.10	9.00	.89
395645088571701	11-13-85	489	459	<10	3.3	.4	23	485	<.10	6.20	.42
395858088492801	11-14-85	451	437	<10	79	.4	15	578	<.10	2.70	.25
400221088572101	06-12-86	411	411	<10	72	.4	--	509	<.10	2.20	.07
400222088571401	11-13-85	417	385	<10	59	.4	10	507	<.10	--	.10
	06-12-86	--	--	--	--	--	--	--	--	--	--
				Macoupin County							
391411090072001	07-08-86	--	355	110	37	.1	--	590	.51	.26	.10
				Madison County							
383929090012701	03-07-85	327	318	290	23	.2	25	792	<.10	<.10	.12
	08-05-86	--	288	300	25	.2	--	778	.48	<.10	.10
383930090012401	08-05-86	--	340	200	33	.2	24	709	1.40	<.10	.09
383932090012601	08-05-86	--	326	120	14	.2	26	606	.55	<.10	.05
383933090012201	08-05-86	--	369	170	24	.2	22	664	1.40	<.10	.06
384114090005201	07-23-86	343	343	170	28	.2	--	659	2.10	<.10	.14
	07-23-86	342	342	160	28	.2	--	652	2.00	<.10	.14
384114090005401	07-23-86	319	319	140	16	.2	--	614	1.60	<.10	.18
384115090005501	07-23-86	315	315	120	15	.2	--	534	2.70	<.10	.13
384158090025101	07-29-86	253	253	32	230	.2	--	777	<.10	.36	.46

384352090004101	08-14-86	307	307	190	18	.2	--	608	.46	<.10	.13
384352090004401	09-25-86	325	325	140	18	.3	--	644	2.50	<.10	.50
384353090004201	09-25-86	315	315	180	16	.3	--	616	1.90	<.10	.52
384417090005201	08-20-86	309	--	110	5.9	.2	--	460	1.50	<.10	.20
384418090004901	08-20-86	--	315	130	7.8	.2	--	490	1.50	<.10	.22
	08-20-86	--	312	130	7.8	.2	--	485	1.40	<.10	.18
384418090005101	08-20-86	315	--	130	16	.3	--	488	1.20	<.10	.18
384650089480101	08-20-86	490	495	<10	30	.4	--	536	<.10	10.0	1.20
384650089480102	08-20-86	495	495	<10	51	.5	--	562	<.10	9.60	1.10
384740090022701	03-08-85	194	182	60	10	<.1	29	359	2.10	<.10	.21
	08-21-86	181	181	59	9.0	.1	--	306	2.10	<.10	.20
384741090022601	08-21-86	--	172	60	15	.1	--	305	1.00	<.10	.19
384741090022701	08-21-86	221	221	64	19	.2	--	340	<.10	.16	.15
384743090022301	08-21-86	217	217	68	5.9	.1	--	338	1.40	.12	.30
384822090034801	03-06-85	256	241	81	11	<.1	30	416	<.10	<.10	.37
	08-13-86	228	--	76	13	.1	--	396	<.10	.11	.34
	12-04-86	--	239	71	13	.1	--	412	<.10	.22	.34
	05-07-87	--	229	80	13	.1	30	392	<.10	.22	.34
384823090034901	08-13-86	218	218	71	10	.1	--	378	<.10	<.10	.29
384823090035101	08-13-86	193	193	72	11	.1	--	388	.44	.30	.42
384919089480601	08-20-86	487	487	<10	52	.6	--	554	<.10	7.90	1.40
384955090055801	03-08-85	332	310	47	28	.2	28	454	<.10	.53	.36
	03-13-86	--	305	--	--	--	--	--	--	--	--
	08-13-86	305	--	56	27	.2	--	456	<.10	.60	.31
	10-07-86	--	--	--	--	--	--	--	--	--	--
	12-04-86	329	329	59	27	.2	--	470	<.10	.68	.30
	05-07-87	--	316	67	27	.2	26	455	<.10	.66	.20
384957090055601	03-13-86	299	264	35	32	.3	21	441	<.10	.30	.24
	08-13-86	282	282	35	31	.3	--	402	<.10	.27	.24
	10-07-86	--	--	--	--	--	--	--	--	--	--
384957090055701	03-13-86	330	312	46	34	.4	24	515	<.10	.56	.31
	08-13-86	303	303	12	35	.2	--	387	<.10	.79	.29
	10-07-86	--	--	--	--	--	--	--	--	--	--
385117090063701	03-07-85	286	266	64	26	.2	22	427	<.10	.25	.15
385126090064601	07-30-86	243	243	81	24	.2	--	422	<.10	.33	.16
385127090065001	07-30-86	231	231	48	27	.2	--	369	<.10	.49	.19
385127090065201	07-30-86	220	220	27	28	.2	--	376	<.10	.40	.15
385201090044801	08-06-86	--	274	86	45	.1	--	738	.52	<.10	.04
385201090045101	08-06-86	--	295	140	47	<.1	--	664	.84	<.10	.04
385202090045301	08-06-86	--	289	130	45	<.1	--	738	.57	<.10	.07

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Macon County--Continued							
395250088510601	10-31-85	<50	17	300	<0.5	290	<3	<5	<5	<5	3,100
395352088511501	10-31-85	<50	21	400	<.5	320	<3	<5	<5	<5	4,900
395558089040101	01-08-87	<50	17	200	<.5	520	<3	<5	<5	<5	3,900
	01-08-87	90	18	100	<.5	480	<3	<5	10	<5	3,700
395600089040301	01-08-87	<50	12	100	<.5	210	<3	<5	<5	<5	3,800
395606088570901	11-13-85	<50	45	200	<.5	100	<3	<5	<5	<5	3,000
395606088571101	11-13-85	<50	10	200	<.5	150	<3	11	<5	<5	6,500
395606088571201	11-13-85	<50	42	100	<.5	100	<3	<5	<5	<5	2,000
395640088515501	10-30-85	<50	60	300	<.5	340	<3	<5	<5	<5	8,800
395640088515502	10-30-85	<50	64	300	<.5	330	<3	<5	<5	<5	8,200
395645088571701	11-13-85	<50	9	200	<.5	220	<3	<5	<5	<5	5,000
395858088492801	11-14-85	<50	8	600	<.5	270	<3	<5	<5	<5	1,500
400221088572101	06-12-86	60	95	1,000	<1.0	310	<3	<5	<5	<5	1,600
400222088571401	11-13-85	<50	74	900	<.5	350	<3	<5	<5	<5	1,400
	06-12-86	--	--	--	--	--	--	--	--	--	--
				Macoupin County							
391411090072001	07-08-86	50	<1	200	<2.0	<50	<3	<5	<5	<5	2,000
				Madison County							
383929090012701	03-07-85	<50	<1	100	<.5	50	<3	<5	<5	<5	1,700
	08-05-86	<50	<1	100	9.0	60	<3	<5	<5	<5	1,700
383930090012401	08-05-86	<50	<1	100	6.0	120	<3	<5	<5	<5	1,000
383932090012601	08-05-86	<50	<1	100	5.0	<50	<3	<5	<5	<5	1,200
383933090012201	08-05-86	<50	<1	100	6.0	<50	<3	<5	<5	<5	150
384114090005201	07-23-86	<50	<1	90	<.5	60	<3	<5	6	<5	60
	07-23-86	<50	<1	90	<.5	70	<3	<5	6	6	70
384114090005401	07-23-86	<50	<1	90	<.5	<50	<3	9	6	12	130
384115090005501	07-23-86	<50	<1	100	<.5	<50	<3	<5	6	<5	240
384158090025101	07-29-86	<50	3	1,000	<.5	60	<3	<5	<5	<5	17,000

384352090004101	08-14-86	<50	<1	100	5.0	130	<3	<5	10	<5	580
384352090004401	09-25-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	750
384353090004201	09-25-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	810
384417090005201	08-20-86	<50	<1	90	4.0	<50	<3	<5	<5	<5	450
384418090004901	08-20-86	<50	<1	90	3.0	<50	<3	<5	<5	<5	440
	08-20-86	<50	<1	90	5.0	<50	<3	<5	<5	<5	370
384418090005101	08-20-86	<50	<1	100	4.0	60	<3	<5	<5	<5	260
384650089480101	08-20-86	<50	70	300	2.0	160	<3	<5	<5	<5	4,000
384650089480102	08-20-86	<50	64	400	3.0	200	<3	<5	<5	<5	4,400
384740090022701	03-08-85	<50	2	200	<.5	<50	<3	<5	<5	<5	2,400
	08-21-86	--	1	200	2.0	<50	<3	<5	<5	<5	2,400
384741090022601	08-21-86	<50	<1	200	3.0	<50	<3	<5	<5	<5	2,200
384741090022701	08-21-86	180	1	400	4.0	<50	<3	<5	<5	12	3,100
384743090022301	08-21-86	<50	1	300	4.0	50	<3	<5	<5	<5	5,000
384822090034801	03-06-85	<50	1	400	<.5	<50	<3	<5	<5	<5	9,200
	08-13-86	<50	<1	400	4.0	<50	<3	<5	5	230	8,800
	12-04-86	<50	2	400	<.5	<50	<3	<5	6	<5	8,500
	05-07-87	<50	2	400	<.5	<50	<3	<5	7	<5	8,200
384823090034901	08-13-86	<50	<1	300	3.0	<50	<3	<5	7	83	5,500
384823090035101	08-13-86	<50	1	300	3.0	<50	<3	6	10	11	7,300
384919089480601	08-20-86	<50	59	400	4.0	280	<3	<5	<5	7	5,900
384955090055801	03-08-85	<50	<1	500	<.5	<50	<3	<5	<5	<5	7,900
	03-13-86	--	--	--	--	--	--	--	--	--	--
	08-13-86	<50	<1	500	5.0	90	<3	6	20	<5	8,500
	10-07-86	--	--	--	--	--	--	--	--	--	--
	12-04-86	--	<1	40	<.5	<50	<3	<5	5	86	2,100
	05-07-87	<50	<1	500	<.5	<50	<3	<5	6	<5	8,200
384957090055601	03-13-86	<50	<1	500	<1.0	80	3	6	8	<5	5,500
	08-13-86	<50	<1	500	7.0	100	<3	7	20	<5	5,600
	10-07-86	--	--	--	--	--	--	--	--	--	--
384957090055701	03-13-86	<50	<1	500	<.5	60	<3	<5	8	<5	7,200
	08-13-86	<50	<1	600	5.0	70	<3	6	20	9	5,700
	10-07-86	--	--	--	--	--	--	--	--	--	--
385117090063701	03-07-85	<50	1	300	<.5	<50	<3	<5	<5	<5	7,100
385126090064601	07-30-86	<50	<1	300	<2.0	70	3	6	20	<5	6,800
385127090065001	07-30-86	<50	<1	300	<2.0	60	<3	<5	6	<5	5,500
385127090065201	07-30-86	<50	1	300	<2.0	60	<3	<5	<5	<5	3,900
385201090044801	08-06-86	<50	<1	100	<1.0	<50	<3	<5	<5	<5	580
385201090045101	08-06-86	<50	<1	100	<1.0	80	3	<5	6	5	570
385202090045301	08-06-86	<50	<1	100	<1.0	80	<3	<5	<5	<5	590

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Macon County--Continued							
395250088510601	10-31-85	<5	25	<0.01	<5	<1	<3	490	<5	<50	<0.01
395352088511501	10-31-85	<5	65	.08	<5	<1	<3	590	<5	<50	<.01
395558089040101	01-08-87	<5	48	<.05	<5	<1	<3	1,100	<5	<50	<.01
	01-08-87	<5	48	<.05	14	<1	6	1,000	8	<50	<.01
395600089040301	01-08-87	<5	64	<.05	<5	<1	<3	840	<5	<50	<.01
395606088570901	11-13-85	<5	27	<.01	<5	<1	<3	600	<5	<50	<.01
395606088571101	11-13-85	<5	34	<.01	<5	<1	<3	780	<5	2,100	<.01
395606088571201	11-13-85	<5	28	<.01	<5	<1	<3	460	<5	<50	<.01
395640088515501	10-30-85	<5	49	<.01	<5	1	<3	980	<5	<50	<.01
395640088515502	10-30-85	<5	46	.06	<5	1	<3	900	<5	<50	<.01
395645088571701	11-13-85	<5	42	.09	<5	<1	<3	1,000	<5	<50	<.01
395858088492801	11-14-85	<5	13	.04	<5	<1	<3	510	<5	<50	<.01
400221088572101	06-12-86	<5	23	<.01	9	<1	<3	640	<5	<50	<.01
400222088571401	11-13-85	<5	16	.12	<5	<1	<3	730	<5	<50	<.01
	06-12-86	--	--	--	--	--	--	--	--	--	--
				Macoupin County							
391411090072001	07-08-86	<5	840	<.01	<5	<1	<3	190	<5	<50	<.01
				Madison County							
383929090012701	03-07-85	<5	740	<.01	<5	<1	<3	230	<5	<50	<.01
	08-05-86	<5	700	.07	<5	<1	<3	210	<5	<50	<.01
383930090012401	08-05-86	<5	620	<.01	<5	<1	<3	220	<5	<50	<.01
383932090012601	08-05-86	<5	460	<.01	<5	<1	<3	200	<5	<50	<.01
383933090012201	08-05-86	<5	470	.10	9	<1	<3	220	<5	<50	<.01
384114090005201	07-23-86	<5	130	<.01	<5	2	<3	180	<5	<50	<.01
	07-23-86	<5	130	<.01	9	2	<3	180	<5	<50	<.01
384114090005401	07-23-86	<5	260	<.01	51	1	<3	150	<5	<50	<.01
384115090005501	07-23-86	<5	470	<.01	<5	4	<3	160	<5	<50	<.01
384158090025101	07-29-86	<5	1,100	<.01	13	<1	<3	320	<5	<50	.01

384352090004101	08-14-86	<5	220	<.01	<5	2	<3	150	<5	<50	<.01
384352090004401	09-25-86	<5	110	<.05	<5	1	<3	160	<5	<50	<.01
384353090004201	09-25-86	<5	130	<.05	<5	1	<3	160	<5	<50	<.01
384417090005201	08-20-86	<5	160	<.01	<5	2	<3	130	<5	<50	<.01
384418090004901	08-20-86	<5	190	<.01	<5	7	<3	150	<5	<50	<.01
	08-20-86	<5	190	<.01	<5	7	<3	150	<5	<50	<.01
384418090005101	08-20-86	<5	210	.07	<5	5	<3	150	<5	<50	<.01
384650089480101	08-20-86	<5	55	<.01	<5	<1	<3	510	<5	<50	<.01
384650089480102	08-20-86	<5	63	<.01	<5	<1	<3	570	<5	<50	<.01
384740090022701	03-08-85	<5	400	<.10	<5	1	<3	1,200	<5	<50	<.01
	08-21-86	<5	400	<.01	<5	--	<3	--	--	--	<.01
384741090022601	08-21-86	<5	440	<.01	<5	<1	<3	110	<5	<50	<.01
384741090022701	08-21-86	<5	440	<.01	<5	<1	<3	130	<5	<50	<.01
384743090022301	08-21-86	<5	630	<.01	5	<1	<3	130	<5	<50	<.01
384822090034801	03-06-85	<5	1,100	<.01	<5	<1	<3	150	<5	<50	<.01
	08-13-86	78	1,100	<.01	9	<1	<3	150	<5	110	<.01
	12-04-86	<5	1,100	<.05	<5	<1	<3	140	<5	<50	<.01
	05-07-87	<5	1,100	<.05	11	<1	<3	150	<5	<50	<.01
384823090034901	08-13-86	8	1,000	<.01	11	<1	<3	140	<5	100	<.01
384823090035101	08-13-86	<5	1,100	<.01	13	<1	<3	150	<5	<50	<.01
384919089480601	08-20-86	<5	75	<.01	<5	<1	<3	580	<5	<50	<.01
384955090055801	03-08-85	<5	470	<.10	<5	<1	<3	260	<5	<50	<.01
	03-13-86	--	--	--	--	--	--	--	--	--	--
	08-13-86	<5	500	<.01	12	<1	<3	260	<5	<50	<.01
	10-07-86	--	--	--	--	--	--	--	--	--	--
	12-04-86	<5	250	<.05	<3	<1	<3	80	<5	190	<.01
	05-07-87	<5	500	<.05	<5	<1	<3	270	<5	<50	<.01
384957090055601	03-13-86	<5	350	<.01	9	<1	8	220	6	<50	<.01
	08-13-86	<5	360	<.01	11	<1	3	220	<5	<50	<.01
	10-07-86	--	--	--	--	--	--	--	--	--	--
384957090055701	03-13-86	<5	460	<.01	<5	<1	4	260	<5	<50	<.01
	08-13-86	<5	400	<.01	11	<1	<3	210	<5	<50	<.01
	10-07-86	--	--	--	--	--	--	--	--	--	--
385117090063701	03-07-85	<5	690	<.10	<5	<1	<3	190	<5	<50	<.01
385126090064601	07-30-86	<5	710	<.01	16	<1	6	190	<5	<50	<.01
385127090065001	07-30-86	<5	510	<.01	<5	<1	<3	170	<5	<50	<.01
385127090065201	07-30-86	<5	360	.20	<5	<1	<3	160	<5	<50	<.01
385201090044801	08-06-86	<5	570	.14	<5	<1	<3	160	<5	<50	<.01
385201090045101	08-06-86	<5	670	<.01	6	<1	6	210	<5	<50	<.01
385202090045301	08-06-86	<5	500	<.01	<5	<1	<3	190	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Macon County--Continued						
395250088510601	10-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395352088511501	10-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395558089040101	01-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01-08-87	<5	--	--	--	--	--	--	--	--
395600089040301	01-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395606088570901	11-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395606088571101	11-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395606088571201	11-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395640088515501	10-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395640088515502	10-30-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395645088571701	11-13-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395858088492801	11-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
400221088572101	06-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400222088571401	11-13-85	15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-12-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Macoupin County						
391411090072001	07-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Madison County						
383929090012701	03-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	08-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383930090012401	08-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383932090012601	08-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383933090012201	08-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384114090005201	07-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-23-86	<5	--	--	--	--	--	--	--	--
384114090005401	07-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384115090005501	07-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
384158090025101	07-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

384352090004101	08-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384352090004401	09-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384353090004201	09-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384417090005201	08-20-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
384418090004901	08-20-86	<5	--	--	--	--	--	--	--	--
	08-20-86	<5	--	--	--	--	--	--	--	--
384418090005101	08-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384650089480101	08-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384650089480102	08-20-86	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384740090022701	03-08-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	08-21-86	--	--	--	--	--	--	--	--	--
384741090022601	08-21-86	<5	--	--	--	--	--	--	--	--
384741090022701	08-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384743090022301	08-21-86	<5	--	--	--	--	--	--	--	--
384822090034801	03-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	08-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-07-87	15	--	--	--	--	--	--	--	--
384823090034901	08-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384823090035101	08-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384919089480601	08-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384955090055801	03-08-85	<5	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	--
	03-13-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-07-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-07-87	<5	--	--	--	--	--	--	--	--
384957090055601	03-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-07-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
384957090055701	03-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
	10-07-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385117090063701	03-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
385126090064601	07-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385127090065001	07-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385127090065201	07-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385201090044801	08-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385201090045101	08-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385202090045301	08-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Macon County--Continued						
395250088510601	10-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395352088511501	10-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395558089040101	01-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01-08-87	--	--	--	--	--	--	--	--	--
395600089040301	01-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395606088570901	11-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395606088571101	11-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395606088571201	11-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395640088515501	10-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0
395640088515502	10-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.4	<1.0	<1.0
395645088571701	11-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395858088492801	11-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400221088572101	06-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400222088571401	11-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Macoupin County						
391411090072001	07-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Madison County						
383929090012701	03-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383930090012401	08-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383932090012601	08-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383933090012201	08-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384114090005201	07-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
	07-23-86	--	--	--	--	--	--	--	--	--
384114090005401	07-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
384115090005501	07-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
384158090025101	07-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--

384352090004101	08-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384352090004401	09-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384353090004201	09-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384417090005201	08-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384418090004901	08-20-86	--	--	--	--	--	--	--	--	--
	08-20-86	--	--	--	--	--	--	--	--	--
384418090005101	08-20-86	<1.0	<1.0	--	--	--	--	--	--	--
384650089480101	08-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384650089480102	08-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384740090022701	03-08-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-21-86	--	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384741090022601	08-21-86	--	--	--	--	--	--	--	--	--
384741090022701	08-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384743090022301	08-21-86	--	--	--	--	--	--	--	--	--
384822090034801	03-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-07-87	--	--	--	--	--	--	--	--	--
384823090034901	08-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384823090035101	08-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384919089480601	08-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384955090055801	03-08-85	<1.0	<1.0	<1.0	<1.0	<1.0	22	<1.0	<1.0	<1.0
	03-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	27	<1.0	<1.0	<1.0
	12-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	14	<1.0	<1.0	<1.0
	05-07-87	--	--	--	--	--	--	--	--	--
384957090055601	03-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-13-86	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384957090055701	03-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
	08-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385117090063701	03-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385126090064601	07-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
385127090065001	07-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385127090065201	07-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
385201090044801	08-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385201090045101	08-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385202090045301	08-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Madison County--Continued			
385204090045401	08-06-86	1100	Bethalto Well No. 8	17002	17002	--
385205090044701	03-06-85	1100	Bethalto Well No. 12	81700	17002	51.20
	03-06-85	1105	Bethalto Well No. 12	81700	17002	51.20
	08-06-86	1350	Bethalto Well No. 12	17002	17002	--
385205090044801	08-06-86	1245	Bethalto Well No. 11	17002	17002	--
385235090072601	08-27-86	1320	East Alton Well No. 2	17002	17002	--
385235090072701	08-27-86	1355	East Alton Well No. 1	17002	17002	--
385236090072601	08-27-86	1350	East Alton Well No. 4	17002	17002	--
385236090072701	08-27-86	1305	East Alton Well No. 3	17002	17002	--
385317089480501	08-26-86	1505	Hamel Well No. 3	17002	17002	--
385320089480601	08-26-86	1420	Hamel Well No. 2	17002	17002	--
385618089521901	08-26-86	1115	Worden Well No. 8	17002	17002	--
385621089522001	08-26-86	1155	Worden Well No. 9	17002	17002	30.00
385646089454501	09-24-86	1130	Livingston Well No. 6	17002	17002	--
			Marshall County			
405828089135401	02-05-86	1340	La Rose Well No. 1	17002	17002	--
405828089135402	02-05-86	1440	La Rose Well No. 2	17002	17002	--
410134089244501	02-06-86	1055	Lacon Well No. 1	17002	17002	--
410134089244502	02-06-86	1130	Lacon Well No. 2	17002	17002	--
410134089244503	02-06-86	1205	Lacon Well No. 3	17002	17002	--
	02-06-86	1215	Lacon Well No. 3	17002	17002	--
410136089262201	03-06-86	1125	Sparland Well No. 2	17002	17002	--
410136089262202	03-06-86	1045	Sparland Well No. 3	17002	17002	--
	03-06-86	1055	Sparland Well No. 3	17002	17002	--
410230089160601	06-18-86	0900	Varna Well No. 3	17002	17002	--
410232089030601	05-06-87	0905	Wenona Well No. 4	17002	17002	24.00
	05-06-87	0915	Wenona Well No. 4	17002	17002	24.00
410445089153501	02-19-86	1410	Lake Wildwood Utility Corporation Well No. 1	17002	17002	--
410614089114901	03-04-86	1600	Magnolia Well No. 4	17002	17002	--
410614089114902	03-04-86	1625	Magnolia Well No. 5	17002	17002	--

410633089211701	02-19-86	1155	Henry Well No. 3	17002	17002	12.00
410633089211801	02-19-86	1050	Henry Well No. 4	17002	17002	9.00
410732089210801	05-05-87	1334	Crescent Mobile Estates Mobile Home Park Well No.1	17002	17002	--
410733089220501	02-19-86	1245	Henry Well No. 5	17002	17002	--
			Mason County			
401154089415601	02-13-86	1200	Mason City Well No. 5	17002	17002	55.50
401214089414501	02-13-86	1050	Mason City Well No. 3	17002	17002	86.00
401215089414501	02-07-85	1210	Mason City Well No. 4	81700	17002	73.00
401351089503901	02-27-85	1140	Easton Well No. 2	17002	17002	36.50
401354089504001	10-28-85	1355	Easton Well No. 1	17002	17002	20.00
401754090032001	02-27-85	0945	Havana Well No. 5	17002	17002	32.65
	07-23-86	1100	Havana Well No. 5	17002	17002	--
401802090032801	07-23-86	1150	Havana Well No. 4	17002	17002	--
401811089361601	10-23-85	1050	San Jose Well No. 5	17002	17002	--
401811089361801	02-28-85	1215	San Jose Well No. 4	81700	17002	72.00
	06-19-85	1135	San Jose Well No. 4	17002	17002	69.00
402325089521501	10-13-86	1150	Sand Ridge State Forest Well No. 2	17002	17002	--
402326089521601	10-13-86	1220	Sand Ridge State Forest Well No. 1	17002	17002	--
402328089525401	10-13-86	1130	Sand Ridge State Forest Well No. 4 (Local Picnic)	17002	17002	--
402328089525901	10-13-86	1110	Sand Ridge State Forest Well No. 3	17002	17002	--
402334089515901	10-13-86	1045	Sand Ridge State Forest Well No. 5	17002	17002	--
402504089515101	10-13-86	1020	Sand Ridge State Forest Well No. A	17002	17002	--
402530089464201	02-28-85	1500	Manito Well No. 3	81700	17002	29.50
			Massac County			
370724088374201	03-26-85	1445	Brookport Well No. 3	81700	17002	--
371951088431101	03-26-85	1250	Millstone Public Water District Well No.1	81700	17002	--
	02-25-86	1445	Millstone Public Water District Well No.1	17002	17002	--
			Menard County			
395718089461701	02-13-86	1115	Athens Well No. 3	17002	17002	--
395802089490001	12-05-86	1105	Tallula Well No. 2	17002	17002	--
400041089503601	10-17-85	1150	Petersburg Well No. 1	17002	17002	--
	02-18-86	1310	Petersburg Well No. 1	17002	17002	--
	04-14-86	1010	Petersburg Well No. 1	17002	17002	--
400043089502201	10-17-85	1345	Petersburg Well No. 6	17002	17002	--
	02-18-86	1410	Petersburg Well No. 6	17002	17002	--
	04-14-86	1045	Petersburg Well No. 6	17002	17002	--
400043089503601	10-17-85	1440	Petersburg Well No. 4	17002	17002	--
	02-18-86	1335	Petersburg Well No. 4	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Madison County--Continued							
385204090045401	08-06-86	120	420	765	6.80	-32	15.0	110	38	31	3.6
385205090044701	03-06-85	60	500	835	6.80	2	14.5	100	39	18	2.7
	03-06-85	65	500	835	6.80	2	14.5	100	39	18	2.7
	08-06-86	30	500	765	6.90	-31	15.0	110	40	18	2.0
385205090044801	08-06-86	75	445	890	6.80	-18	14.0	130	53	32	1.0
385235090072601	08-27-86	--	350	680	7.10	-87	15.0	140	37	18	2.0
385235090072701	08-27-86	--	350	630	7.10	-104	15.0	130	36	32	3.2
385236090072601	08-27-86	--	350	755	6.90	-103	15.0	150	36	36	3.3
385236090072701	08-27-86	--	350	905	6.80	-77	16.0	180	43	37	3.3
385317089480501	08-26-86	125	50	750	7.30	-156	14.5	58	29	140	2.4
385320089480601	08-26-86	80	45	1,120	7.30	-149	15.0	66	33	150	2.6
385618089521901	08-26-86	E30	E30	570	6.60	-123	15.0	58	19	25	1.1
385621089522001	08-26-86	1,440	35	550	6.80	-148	14.5	54	19	19	.7
385646089454501	09-24-86	30	60	980	6.90	-171	15.0	53	25	130	1.7
				Marshall County							
405828089135401	02-05-86	60	50	660	7.30	-62	12.0	69	36	32	2.1
405828089135402	02-05-86	45	50	665	7.40	-65	12.0	66	33	41	2.4
410134089244501	02-06-86	115	460	670	7.20	-78	14.0	77	34	14	3.1
410134089244502	02-06-86	65	--	665	7.20	-130	13.5	77	35	13	2.3
410134089244503	02-06-86	50	--	665	7.20	-179	13.5	77	35	13	2.7
	02-06-86	55	--	665	7.20	-179	13.5	79	36	14	2.9
410136089262201	03-06-86	24	100	950	7.10	-47	10.5	120	52	21	3.4
410136089262202	03-06-86	45	--	915	7.10	-48	11.5	190	63	130	4.0
	03-06-86	50	--	915	7.10	-48	11.5	67	34	40	1.8
410230089160601	06-18-86	660	250	520	7.80	-131	13.5	77	35	8.4	1.6
410232089030601	05-06-87	155	E50	1,210	7.10	-171	13.5	100	38	120	3.2
	05-06-87	165	50	1,210	7.10	-171	13.5	100	38	120	3.4
410445089153501	02-19-86	12	700	615	7.40	-55	11.5	80	38	6.3	1.5
410614089114901	03-04-86	12	E140	675	7.20	-67	12.0	220	67	140	4.3
410614089114902	03-04-86	15	E140	690	7.30	-84	12.0	67	34	38	2.1

410633089211701	02-19-86	50	E460	780	7.30	-55	14.0	85	37	25	4.6
410633089211801	02-19-86	110	E460	785	7.30	-48	14.0	88	39	26	4.0
410732089210801	05-05-87	--	--	--	--	--	--	81	37	10	.9
410733089220501	02-19-86	33	700	635	7.50	-61	12.0	80	37	5.0	1.3
				Mason County							
401154089415601	02-13-86	300	490	510	7.40	-173	14.5	63	30	4.2	.9
401214089414501	02-13-86	--	200	560	7.30	-179	14.0	69	32	4.8	1.0
401215089414501	02-07-85	190	218	485	7.30	-73	14.0	66	32	6.4	.9
401351089503901	02-27-85	115	165	510	6.90	-135	13.5	63	30	6.3	1.2
401354089504001	10-28-85	100	125	510	6.90	-145	13.5	68	32	5.2	1.5
401754090032001	02-27-85	80	E550	395	7.40	-116	14.5	50	17	7.3	1.0
	07-23-86	305	600	395	7.60	-137	14.0	54	17	6.7	.9
401802090032801	07-23-86	35	560	375	7.70	-191	14.5	51	17	3.8	.6
401811089361601	10-23-85	170	E150	525	7.20	-164	13.5	71	36	5.4	.7
401811089361801	02-28-85	135	--	560	6.70	-129	13.5	66	33	6.4	.8
	06-19-85	75	140	520	7.00	-176	14.0	--	--	--	--
402325089521501	10-13-86	10	E5.0	--	7.30	--	11.5	54	17	3.0	.4
402326089521601	10-13-86	10	E10	--	7.30	--	13.0	40	14	2.5	.5
402328089525401	10-13-86	5	E2.0	--	7.20	--	12.5	54	20	2.7	<.3
402328089525901	10-13-86	--	E2.5	--	6.70	--	12.5	61	21	3.3	<.3
402334089515901	10-13-86	10	E10	--	7.40	--	12.5	41	15	2.6	.3
402504089515101	10-13-86	5	E2.0	--	7.20	--	12.0	31	11	1.8	<.3
402530089464201	02-28-85	105	333	495	6.80	-144	14.0	55	22	17	1.4
				Massac County							
370724088374201	03-26-85	>1,440	126	390	7.20	-59	17.5	66	12	5.1	1.1
371951088431101	03-26-85	410	E700	390	7.60	-138	15.5	60	12	7.2	1.1
	02-25-86	465	700	370	7.30	-181	15.0	55	11	7.1	.9
				Menard County							
395718089461701	02-13-86	315	E110	715	6.90	-114	15.0	85	34	25	1.8
395802089490001	12-05-86	425	150	540	7.50	36	11.0	68	33	6.5	.4
400041089503601	10-17-85	170	300	1,420	6.90	77	16.0	150	68	85	3.9
	02-18-86	25	E300	1,700	7.10	10	13.5	--	--	--	--
	04-14-86	10	E300	--	--	--	--	--	--	--	--
400043089502201	10-17-85	60	300	810	6.80	66	14.0	76	36	5.6	1.4
	02-18-86	85	E300	795	7.00	-47	14.0	--	--	--	--
	04-14-86	25	E300	--	--	--	--	--	--	--	--
400043089503601	10-17-85	45	300	1,060	6.60	-75	17.0	62	27	9.6	.6
	02-18-86	50	E300	1,210	6.90	-85	15.0	--	--	--	--

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				Madison County--Continued							
385204090045401	08-06-86	--	302	120	48	0.1	--	558	0.44	<0.10	0.05
385205090044701	03-06-85	299	304	110	42	.1	21	573	.83	.16	.03
	03-06-85	299	291	110	43	.2	21	550	.82	.14	.03
	08-06-86	--	299	110	40	.1	--	580	.63	<.10	.02
385205090044801	08-06-86	--	357	170	45	.2	--	688	1.00	<.10	.07
385235090072601	08-27-86	377	377	160	28	.1	--	574	<.10	<.10	.15
385235090072701	08-27-86	390	390	100	30	.2	--	528	<.10	1.20	.19
385236090072601	08-27-86	369	369	130	57	.1	--	602	<.10	.61	.15
385236090072701	08-27-86	370	370	200	87	.1	--	787	<.10	.28	.13
385317089480501	08-26-86	50	500	<10	65	.9	--	568	<.10	6.60	.80
385320089480601	08-26-86	500	500	<10	87	.9	--	554	<.10	6.90	.80
385618089521901	08-26-86	--	153	120	12	.1	--	244	<.10	1.50	1.20
385621089522001	08-26-86	233	233	24	5.5	.2	--	278	<.10	1.20	.91
385646089454501	09-24-86	489	489	<10	58	1.1	--	557	<.10	6.40	1.20
				Marshall County							
405828089135401	02-05-86	393	397	13	3.9	.4	18	416	<.10	1.10	<.01
405828089135402	02-05-86	390	401	13	4.4	.4	17	417	<.10	1.10	<.01
410134089244501	02-06-86	309	314	33	19	.2	18	459	4.20	<.10	.01
410134089244502	02-06-86	311	316	32	17	.2	19	441	3.90	<.10	<.01
410134089244503	02-06-86	309	311	37	18	.1	19	435	4.10	<.10	<.01
	02-06-86	309	316	36	18	.2	19	446	4.10	<.10	<.01
410136089262201	03-06-86	268	281	220	32	.3	9.8	790	3.80	<.10	<.01
410136089262202	03-06-86	268	197	860	12	.6	14	1,220	<.10	1.60	.01
	03-06-86	268	400	<10	4.1	.5	16	393	<.10	4.20	.51
410230089160601	06-18-86	301	301	41	2.7	.1	--	380	<.10	<.10	.01
410232089030601	05-06-87	--	276	410	25	.6	14	828	<.10	.66	<.01
	05-06-87	--	274	420	25	.5	14	785	<.10	.68	<.01
410445089153501	02-19-86	--	307	60	3.6	.1	14	396	1.30	<.10	<.01
410614089114901	03-04-86	--	187	870	13	.6	14	1,510	<.10	1.60	<.01
410614089114902	03-04-86	--	397	<10	4.1	.5	16	385	<.10	4.60	.42

410633089211701	02-19-86	291	298	63	35	.2	18	528	9.70	<.10	.05
410633089211801	02-19-86	293	302	65	40	.2	18	519	9.80	<.10	<.01
410732089210801	05-05-87	--	283	70	5.3	.2	16	393	5.20	<.10	<.01
410733089220501	02-19-86	263	275	54	7.7	.1	17	417	9.30	<.10	<.01

Mason County

401154089415601	02-13-86	286	291	14	2.2	.1	21	294	<.10	.69	.06
401214089414501	02-13-86	285	285	31	4.2	.1	18	444	.59	.65	.07
401215089414501	02-07-85	274	272	12	1.2	.1	21	331	.73	.37	.13
401351089503901	02-27-85	289	285	20	2.0	.1	21	331	<.10	<.10	.02
401354089504001	10-28-85	270	262	32	1.7	.1	20	362	<.10	<.10	.03
401754090032001	02-27-85	153	151	42	10	.2	12	271	2.00	<.10	.02
	07-23-86	154	154	40	11	<.1	--	287	1.80	<.10	.02
401802090032801	07-23-86	154	154	46	3.3	<.1	--	283	<.10	<.10	.04
401811089361601	10-23-85	293	285	31	1.6	.2	22	353	<.10	.30	.06
401811089361801	02-28-85	302	289	31	<1.0	.2	22	348	<.10	.21	.07
	06-19-85	--	--	--	--	--	--	--	--	--	--
402325089521501	10-13-86	178	178	22	5.5	<.1	16	317	6.40	<.10	.10
402326089521601	10-13-86	143	143	32	<1.0	<.1	13	351	<.10	<.10	<.01
402328089525401	10-13-86	212	--	29	1.1	<.1	16	333	.12	<.10	.04
402328089525901	10-13-86	228	228	20	1.0	<.1	19	368	4.10	<.10	<.01
402334089515901	10-13-86	151	--	28	1.4	<.1	14	339	.70	<.10	<.01
402504089515101	10-13-86	91	--	26	<1.0	<.1	8.8	295	.67	<.10	<.01
402530089464201	02-28-85	201	189	56	15	.1	14	309	.15	<.10	.02

Massac County

370724088374201	03-26-85	199	202	24	4.3	.1	11	316	<.10	<.10	.01
371951088431101	03-26-85	213	217	<10	4.5	.2	15	258	<.10	.42	.22
	02-25-86	211	204	<10	3.9	.2	15	253	<.10	.36	.21

Menard County

395718089461701	02-13-86	303	319	58	34	.2	11	450	.70	.31	.10
395802089490001	12-05-86	--	269	37	12	.2	16	394	4.30	<.10	.06
400041089503601	10-17-85	457	460	230	140	.2	17	1,030	5.40	.38	.01
	02-18-86	--	--	--	--	--	--	--	--	--	--
	04-14-86	--	--	--	--	--	--	--	--	--	--
400043089502201	10-17-85	350	268	51	9.8	.1	12	384	3.10	<.10	.05
	02-18-86	--	--	--	--	--	--	--	--	--	--
	04-14-86	--	--	--	--	--	--	--	--	--	--
400043089503601	10-17-85	358	277	<10	2.2	.2	20	286	.15	1.20	.30
	02-18-86	--	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Madison County--Continued							
385204090045401	08-06-86	<50	<1	100	<0.5	130	<3	<5	7	<5	240
385205090044701	03-06-85	<50	<1	100	<.5	50	<3	<5	<5	<5	140
	03-06-85	<50	<1	100	<.5	50	<3	<5	<5	<5	130
	08-06-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	140
385205090044801	08-06-86	<50	<1	100	4.0	90	<3	<5	<5	<5	60
385235090072601	08-27-86	<50	4	200	7.0	70	<3	<5	10	22	6,500
385235090072701	08-27-86	<50	1	300	6.0	510	<3	<5	20	<5	6,600
385236090072601	08-27-86	<50	2	300	7.0	420	<3	<5	<5	<5	7,800
385236090072701	08-27-86	<50	3	200	14	240	<3	<5	<5	<5	6,800
385317089480501	08-26-86	<50	67	400	3.0	370	<3	<5	<5	<5	3,200
385320089480601	08-26-86	<50	74	500	2.0	350	<3	<5	7	<5	3,400
385618089521901	08-26-86	50	13	200	<.5	180	<3	<5	<5	5	40,000
385621089522001	08-26-86	<50	35	200	<.5	60	<3	<5	<5	<5	17,000
385646089454501	09-24-86	70	66	400	<.5	280	<3	<5	<5	<5	3,000
				Marshall County							
405828089135401	02-05-86	<50	1	100	<.5	210	<3	<5	<5	<5	170
405828089135402	02-05-86	<50	2	90	<.5	270	<3	<5	<5	<5	90
410134089244501	02-06-86	<50	<1	70	<.5	80	<3	<5	<5	<5	<50
410134089244502	02-06-86	<50	<1	100	<.5	50	<3	<5	<5	<5	<50
410134089244503	02-06-86	<50	<1	90	<.5	60	<3	<5	<5	<5	<50
	02-06-86	1,100	<1	100	<.5	50	<3	<5	<5	<5	60
410136089262201	03-06-86	<50	<1	40	<.5	120	<3	<5	<5	<5	<50
410136089262202	03-06-86	<50	8	10	<.5	1,400	<3	<5	<5	<5	3,200
	03-06-86	<50	38	200	<.5	230	<3	<5	7	<5	5,400
410230089160601	06-18-86	60	<1	20	<2.0	<50	<3	<5	<5	<5	580
410232089030601	05-06-87	<50	1	40	<.5	790	<3	<5	<5	<5	1,600
	05-06-87	<50	1	40	<.5	800	<3	<5	<5	<5	1,600
410445089153501	02-19-86	<50	<1	40	<1.0	<50	6	<5	6	<5	<50
410614089114901	03-04-86	50	8	10	<1.0	1,300	<3	<5	<5	<5	3,600
410614089114902	03-04-86	<50	51	200	<.5	200	<3	<5	<5	<5	5,100

410633089211701	02-19-86	<50	<1	60	<.5	150	<3	<5	<5	<5	<50
410633089211801	02-19-86	<50	<1	60	<1.0	150	<3	<5	<5	<5	<50
410732089210801	05-05-87	<50	<1	30	<.5	<50	<3	<5	<5	<5	80
410733089220501	02-19-86	<50	<1	40	<1.0	<50	<3	<5	6	<5	<50

Mason County

401154089415601	02-13-86	<50	25	20	<.5	<50	<3	<5	6	<5	1,100
401214089414501	02-13-86	<50	27	40	<.5	<50	<3	<5	<5	<5	1,600
401215089414501	02-07-85	60	17	<5	<.5	<50	<3	<5	<5	<5	350
401351089503901	02-27-85	<50	4	50	<.5	<50	<3	<5	<5	<5	1,400
401354089504001	10-28-85	<50	<1	60	<.5	<50	<3	<5	<5	<5	1,500
401754090032001	02-27-85	60	<1	30	<.5	<50	<3	<5	<5	<5	200
	07-23-86	640	<1	40	<.5	<50	<3	<5	<5	<5	270
401802090032801	07-23-86	<50	2	40	<.5	<50	<3	<5	<5	15	1,400
401811089361601	10-23-85	<50	10	30	<.5	<50	<3	<5	<5	<5	2,200
401811089361801	02-28-85	<50	9	40	<.5	<50	<3	<5	<5	<5	2,500
	06-19-85	--	--	--	--	--	--	--	--	--	--
402325089521501	10-13-86	<50	1	<20	<.5	<50	<3	<5	<5	53	3,000
402326089521601	10-13-86	<50	<1	<5	<.5	<50	<3	<5	<5	24	<50
402328089525401	10-13-86	<50	1	10	<.5	<50	<3	<5	<5	27	250
402328089525901	10-13-86	<50	<1	10	<.5	<50	<3	<5	<5	32	<50
402334089515901	10-13-86	<50	<1	<5	<.5	<50	<3	<5	<5	<5	<50
402504089515101	10-13-86	70	<1	9	<.5	<50	<3	<5	<5	10	250
402530089464201	02-28-85	<50	3	90	<.5	<50	<3	<5	<5	<5	550

Massac County

370724088374201	03-26-85	<50	<1	40	<.5	<50	<3	<5	<5	<5	490
371951088431101	03-26-85	<50	13	200	<.5	<50	<3	<5	<5	<5	2,700
	02-25-86	<50	14	200	<.5	<50	<3	<5	<5	<5	2,800

Menard County

395718089461701	02-13-86	<50	4	100	<1.0	90	<3	<5	8	<5	1,800
395802089490001	12-05-86	<50	<1	50	<.5	<50	<3	<5	<5	<5	600
400041089503601	10-17-85	<50	<1	100	<.5	410	<3	<5	<5	<5	640
	02-18-86	--	--	--	--	--	--	--	--	--	--
	04-14-86	--	--	--	--	--	--	--	--	--	--
400043089502201	10-17-85	<50	<1	30	<.5	<50	<3	<5	6	6	890
	02-18-86	--	--	--	--	--	--	--	--	--	--
	04-14-86	--	--	--	--	--	--	--	--	--	--
400043089503601	10-17-85	<50	<5	60	<.5	<50	<3	<5	5	<5	2,400
	02-18-86	--	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recov-erable (µg/L as Pb)	Manga-nese, total recov-erable (µg/L as Mn)	Mercury total recov-erable (µg/L as Mg)	Nickel, total recov-erable (µg/L as Ni)	Sele-nium, total (µg/L as Se)	Silver, total recov-erable (µg/L as Ag)	Stron-tium, total recov-erable (µg/L as Sr)	Vana-dium, total (µg/L as V)	Zinc, total recov-erable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Madison County--Continued							
385204090045401	08-06-86	<5	460	<0.01	7	<1	6	190	<5	<50	<0.01
385205090044701	03-06-85	<5	630	<.01	<5	<1	<3	190	<5	<50	<.01
	03-06-85	<5	610	<.01	<5	2	<3	190	<5	<50	<.01
	08-06-86	<5	690	.10	<5	<1	<3	200	<5	<50	<.01
385205090044801	08-06-86	<5	200	.10	<5	1	<3	220	<5	<50	<.01
385235090072601	08-27-86	6	780	<.01	8	<1	<3	290	<5	300	<.01
385235090072701	08-27-86	<5	790	<.01	6	<1	<3	260	<5	<50	<.01
385236090072601	08-27-86	<5	1,100	<.01	6	<1	<3	330	<5	<50	<.01
385236090072701	08-27-86	<5	1,000	<.01	<5	<1	<3	450	<5	<50	<.01
385317089480501	08-26-86	<5	35	<.01	<5	<1	<3	710	<5	<50	<.01
385320089480601	08-26-86	<5	38	<.01	<5	<1	<3	800	<5	<50	<.01
385618089521901	08-26-86	<5	1,500	<.01	18	<1	8	140	7	<50	<.01
385621089522001	08-26-86	<5	660	<.01	<5	<1	<3	190	<5	<50	<.01
385646089454501	09-24-86	<5	32	<.05	<5	<1	<3	660	<5	<50	<.01
				Marshall County							
405828089135401	02-05-86	<5	14	<.01	<5	<1	<3	510	<5	<50	<.01
405828089135402	02-05-86	<5	35	<.01	<5	<1	<3	530	<5	<50	<.01
410134089244501	02-06-86	<5	<5	<.01	<5	1	<3	120	<5	<50	<.01
410134089244502	02-06-86	<5	<5	<.01	<5	2	<3	120	<5	<50	<.01
410134089244503	02-06-86	<5	<5	<.01	<5	1	<3	120	<5	<50	<.01
	02-06-86	<5	49	<.01	<5	1	<3	130	<5	<50	<.01
410136089262201	03-06-86	<5	<5	<.01	<5	1	<3	200	<5	<50	<.01
410136089262202	03-06-86	<5	130	<.01	<5	1	<3	2,000	<5	<50	<.01
	03-06-86	<5	57	<.01	<5	1	<3	520	<5	<50	<.01
410230089160601	06-18-86	<5	140	<.01	11	<1	<3	150	<5	<50	<.01
410232089030601	05-06-87	<5	71	<.05	<5	<1	<3	850	<5	<50	<.01
	05-06-87	<5	71	<.05	<5	<1	<3	860	<5	<50	<.01
410445089153501	02-19-86	<5	<5	<.01	<5	1	<3	150	<5	<50	<.01
410614089114901	03-04-86	<5	150	<.01	<5	1	<3	2,100	<5	<50	<.01
410614089114902	03-04-86	<5	56	<.01	<5	1	<3	510	<5	<50	<.01

410633089211701	02-19-86	<5	<5	<.01	<5	1	<3	110	<5	<50	<.01
410633089211801	02-19-86	<5	<5	<.01	<5	2	<3	110	<5	<50	<.01
410732089210801	05-05-87	<5	8	<.05	<5	3	<3	130	<5	<50	<.01
410733089220501	02-19-86	<5	34	.02	<5	4	<3	120	<5	<50	<.01
					Mason County						
401154089415601	02-13-86	<5	290	.02	<5	<1	<3	80	<5	<50	<.01
401214089414501	02-13-86	<5	220	<.01	<5	<1	<3	90	<5	<50	<.01
401215089414501	02-07-85	<5	280	.15	<5	<1	<3	90	<5	<50	<.01
401351089503901	02-27-85	<5	170	<.10	<5	<1	<3	70	<5	<50	<.01
401354089504001	10-28-85	<5	170	<.01	<5	<1	<3	70	<5	<50	<.01
401754090032001	02-27-85	<5	150	<.10	<5	<1	<3	70	<5	<50	<.01
	07-23-86	<5	220	.08	<5	<1	<3	80	<5	<50	<.01
401802090032801	07-23-86	<5	320	<.01	<5	<1	<3	60	<5	<50	<.01
401811089361601	10-23-85	<5	71	<.01	<5	<1	<3	100	<5	<50	<.01
401811089361801	02-28-85	<5	86	<.10	<5	<1	<3	90	<5	<50	<.01
	06-19-85	--	--	--	--	--	--	--	--	--	--
402325089521501	10-13-86	79	<5	<.05	<5	<1	<3	50	<5	5,100	<.01
402326089521601	10-13-86	<5	120	<.05	6	<1	<3	30	<5	<100	<.01
402328089525401	10-13-86	15	15	<.05	<5	<1	<3	40	<5	2,200	<.01
402328089525901	10-13-86	<5	<5	.08	<5	<1	<3	50	<5	190	<.01
402334089515901	10-13-86	<5	9	<.05	<5	<1	<3	40	<5	<50	<.01
402504089515101	10-13-86	8	190	.11	<5	<1	<3	30	<5	1,300	<.01
402530089464201	02-28-85	<5	160	<.10	<5	<1	<3	70	<5	<50	<.01
					Massac County						
370724088374201	03-26-85	<5	43	<.10	<5	<1	<3	140	<5	<50	<.01
371951088431101	03-26-85	<5	160	<.10	<5	<1	<3	150	<5	<50	<.01
	02-25-86	<5	170	<.01	<5	<1	<3	150	<5	<50	<.01
					Menard County						
395718089461701	02-13-86	<5	1,000	--	<5	<1	<3	140	<5	<50	<.01
395802089490001	12-05-86	<5	71	<.05	<5	<1	<3	90	<5	<50	<.01
400041089503601	10-17-85	<5	160	<.01	<5	2	<3	210	<5	<50	<.01
	02-18-86	--	--	--	--	--	--	--	--	--	-
	04-14-86	--	--	--	--	--	--	--	--	--	-
400043089502201	10-17-85	<5	190	<.01	8	2	5	90	6	<50	<.01
	02-18-86	--	--	--	--	--	--	--	--	--	-
	04-14-86	--	--	--	--	--	--	--	--	--	-
400043089503601	10-17-85	<5	140	<.01	<5	<1	5	100	<5	<50	<.01
	02-18-86	--	--	--	--	--	--	--	--	--	-

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Madison County--Continued						
385204090045401	08-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385205090044701	03-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	03-06-85	<5	--	--	--	--	--	--	--	--
	08-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385205090044801	08-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385235090072601	08-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385235090072701	08-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385236090072601	08-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385236090072701	08-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385317089480501	08-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385320089480601	08-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385618089521901	08-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385621089522001	08-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385646089454501	09-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Marshall County						
405828089135401	02-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
405828089135402	02-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
410134089244501	02-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410134089244502	02-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410134089244503	02-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-06-86	<5	--	--	--	--	--	--	--	--
410136089262201	03-06-86	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410136089262202	03-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-06-86	<5	--	--	--	--	--	--	--	--
410230089160601	06-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410232089030601	05-06-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-06-87	<5	--	--	--	--	--	--	--	--
410445089153501	02-19-86	<5	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410614089114901	03-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
410614089114902	03-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

410633089211701	02-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410633089211801	02-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410732089210801	05-05-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410733089220501	02-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Mason County

401154089415601	02-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401214089414501	02-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401215089414501	02-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	--
401351089503901	02-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
401354089504001	10-28-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401754090032001	02-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401802090032801	07-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401811089361601	10-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
401811089361801	02-28-85	<5	<1.0	<1.0	<1.0	<1.0	3.0	<1.0	<1.0	--
	06-19-85	--	--	--	--	--	--	--	--	--
402325089521501	10-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402326089521601	10-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402328089525401	10-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402328089525901	10-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402334089515901	10-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402504089515101	10-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402530089464201	02-28-85	<5	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	--

Massac County

370724088374201	03-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
371951088431101	03-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	02-25-86	<5	--	--	--	--	--	--	--	--

Menard County

395718089461701	02-13-86	<5	--	--	--	--	--	--	--	--
395802089490001	12-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400041089503601	10-17-85	<5	--	--	--	--	--	--	--	--
	02-18-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
	04-14-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	4.0
400043089502201	10-17-85	<5	--	--	--	--	--	--	--	--
	02-18-86	--	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	30
	04-14-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
400043089503601	10-17-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	35	<1.0	--
	02-18-86	--	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	40

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Madison County--Continued						
385204090045401	08-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385205090044701	03-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-06-85	--	--	--	--	--	--	--	--	--
	08-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385205090044801	08-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385235090072601	08-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385235090072701	08-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385236090072601	08-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385236090072701	08-27-86	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385317089480501	08-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385320089480601	08-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385618089521901	08-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385621089522001	08-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385646089454501	09-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Marshall County						
405828089135401	02-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405828089135402	02-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410134089244501	02-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410134089244502	02-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0
410134089244503	02-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-06-86	--	--	--	--	--	--	--	--	--
410136089262201	03-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410136089262202	03-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-06-86	--	--	--	--	--	--	--	--	--
410230089160601	06-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410232089030601	05-06-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-06-87	--	--	--	--	--	--	--	--	--
410445089153501	02-19-86	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410614089114901	03-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410614089114902	03-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

410633089211701	02-19-86	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410633089211801	02-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410732089210801	05-05-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410733089220501	02-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Mason County

401154089415601	02-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401214089414501	02-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401215089414501	02-07-85	--	<1.0	1.0	<1.0	<1.0	<1.0	--	--	--
401351089503901	02-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401354089504001	10-28-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401754090032001	02-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401802090032801	07-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401811089361601	10-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401811089361801	02-28-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-19-85	--	--	--	--	--	--	--	--	--
402325089521501	10-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402326089521601	10-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402328089525401	10-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402328089525901	10-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402334089515901	10-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402504089515101	10-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402530089464201	02-28-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Massac County

370724088374201	03-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
371951088431101	03-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-25-86	--	--	--	--	--	--	--	--	--

Menard County

395718089461701	02-13-86	--	--	--	--	--	--	--	--	--
395802089490001	12-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400041089503601	10-17-85	--	--	--	--	--	--	--	--	--
	02-18-86	--	<1.0	<1.0	4.0	100	<1.0	<1.0	<1.0	<1.0
	04-14-86	<1.0	2.0	<1.0	13.0	565	<1.0	<1.0	<1.0	<1.0
400043089502201	10-17-85	--	--	--	--	--	--	--	--	--
	02-18-86	--	<1.0	<1.0	3.0	10	<1.0	<1.0	<1.0	<1.0
	04-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400043089503601	10-17-85	<1.0	<1.0	<1.0	60.2	20	<1.0	<1.0	<1.0	<1.0
	02-18-86	--	<1.0	<1.0	3.0	25	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Menard County--Continued			
	04-14-86	1020	Petersburg Well No. 4	17002	17002	--
400505089495601	10-17-85	1040	Petersburg Well No. 7	17002	17002	--
400551089444201	10-22-85	1235	Greenview Well No. 3	17002	17002	--
400553089444201	10-22-85	1120	Greenview Well No. 4	17002	17002	--
400623089361201	10-16-85	1345	Middletown Well No. 2	17002	17002	--
400623089361901	11-13-86	1030	Middletown Well No. 1	17002	17002	69.00
			Mercer County			
410605090555101	08-22-86	1150	Keithsburg Well No. 1	17002	17002	--
410605090555102	08-22-86	1230	Keithsburg Well No. 2	17002	17002	--
411012090593101	01-14-86	1200	New Boston Well No. 1	17002	17002	--
411012090593102	01-14-86	1115	New Boston Well No. 2	17002	17002	--
			Monroe County			
381238090160001	08-29-86	1555	Maeystown Well No. 1	17002	17002	22.00
	08-29-86	1600	Maeystown Well No. 1	17002	17002	--
381745090185301	07-31-86	1135	Valmeyer Well No. 3	17002	17002	--
381749090185301	03-07-85	0945	Valmeyer Well No. 4	81700	17002	17.30
	08-29-86	1310	Valmeyer Well No. 4	17002	17002	--
			Montgomery County			
390701089154301	02-18-87	1045	Fillmore Well No. 1	17002	17002	--
391544089193101	04-02-86	1130	Witt Well No. 3	17002	17002	--
391546089193101	04-02-86	1225	Witt Well No. 4	17002	17002	--
391734089174701	09-30-86	1335	Nokomis Well No. 7	17002	17002	--
	10-07-86	1145	Nokomis Well No. 7	17002	17002	--
391736089174601	02-04-86	1105	Nokomis Well No. 6	17002	17002	--
391742089174201	02-04-86	1210	Nokomis Well No. 4	17002	17002	--
391802089171901	02-04-86	1300	Nokomis Well No. 10	17002	17002	--
391844089330401	02-11-86	1345	Raymond Well No. 2	17002	17002	--
391845089330801	02-11-86	1245	Raymond Well No. 1	17002	17002	10.00

391911089325901	02-11-86	1130	Raymond Well No. 4	17002	17002	--
392237089394401	02-06-86	1040	Waggoner Well No. 1	17002	17002	--
	02-06-86	1045	Waggoner Well No. 1	17002	17002	--
	05-28-86	1015	Waggoner Well No. 1	17002	17002	--
392245089394401	02-06-86	1145	Waggoner Well No. 2	17002	17002	--
392245089394401	05-28-86	0945	Waggoner Well No. 2	17002	17002	--
392544089394401	02-05-86	1155	Farmersville Well No. 1	17002	17002	--
392546089391301	02-05-86	1250	Farmersville Well No. 2	17002	17002	--
392704089411001	02-05-86	1105	Farmersville Well No. 4	17002	17002	--
			Morgan County			
394957090331501	04-03-85	1625	Meredosia Well No. 4	81700	17002	21.50
	06-18-85	1135	Meredosia Well No. 4	17002	17002	--
			Moultrie County			
393333088364101	07-09-86	1320	Sullivan Well No. 4	17002	17002	--
393337088363501	07-09-86	1150	Sullivan Well No. 2	17002	17002	--
393340088363501	07-09-86	1110	Sullivan Well No. 1	17002	17002	--
393811088415601	06-18-86	1435	Bethany Well No. 7	17002	17002	--
393814088415001	06-18-86	1255	Bethany Well No. 6	17002	17002	30.00
393837088444801	06-18-86	1135	Bethany Well No. 1	17002	17002	--
393837088444802	06-18-86	1205	Bethany Well No. 4	17002	17002	--
394253088465601	07-18-86	1155	Dalton City Well No. 3	17002	17002	--
394256088375401	06-11-86	1210	Lovington Well No. 8	17002	17002	--
394256088464801	07-18-86	1120	Dalton City Well No. 2	17002	17002	--
394257088375101	06-11-86	1250	Lovington Well No. 5	17002	17002	--
394310088375901	06-11-86	1125	Lovington Well No. 7	17002	17002	--
			Peoria County			
404009089371401	04-02-85	1215	Peoria Dodge Street Well No. 4	81700	17002	51.00
	06-13-85	1305	Peoria Dodge Street Well No. 4	17002	17002	--
	11-25-86	1320	Peoria Dodge Street Well No. 4	81700	17002	--
	02-05-87	1120	Peoria Dodge Street Well No. 4	17002	17002	--
404045089375801	06-05-87	1200	Illinois American Water Company Well No. 221	17002	17002	--
404209089383301	12-12-85	1010	Pleasant Valley Public Water District Well No. 2	17002	17002	--
404214089383101	12-12-85	1115	Pleasant Valley Public Water District Well No. 3	17002	17002	85.00
404528089335801	04-02-85	1405	Peoria Heights Well No. 11	81700	17002	69.00
404531089335601	12-05-85	1440	Peoria Heights Well No. 9	17002	17002	47.00
404534089340701	12-05-85	1315	Peoria Heights Well No. 10	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Menard County--Continued							
	04-14-86	5	E300	--	--	--	--	--	--	--	--
400505089495601	10-17-85	200	550	545	7.00	58	13.0	94	37	35	4.8
400551089444201	10-22-85	70	150	610	7.10	-153	13.5	84	37	8.9	1.1
400553089444201	10-22-85	70	120	705	7.00	-122	13.5	97	44	8.8	1.2
400623089361201	10-16-85	87	180	455	7.00	-145	13.5	110	47	67	4.1
400623089361901	11-13-86	30	E186	480	7.10	-110	14.0	55	27	15	.4
				Mercer County							
410605090555101	08-22-86	50	135	385	7.00	-125	18.0	55	18	2.8	1.0
410605090555102	08-22-86	30	115	385	7.00	-132	18.0	54	18	2.9	.9
411012090593101	01-14-86	60	E110	415	7.90	280	12.5	54	14	3.5	.8
411012090593102	01-14-86	255	125	385	7.80	296	12.5	86	39	6.8	1.1
				Monroe County							
381238090160001	08-29-86	25	E50	480	6.80	-41	15.0	100	22	27	5.0
	08-29-86	--	--	--	--	--	--	110	17	12	1.2
381745090185301	07-31-86	275	E135	1,190	6.80	-163	16.0	110	26	120	8.2
381749090185301	03-07-85	45	450	715	6.90	-120	15.5	96	21	20	5.3
	08-29-86	40	E250	530	7.20	-96	16.0	120	17	11	1.3
				Montgomery County							
390701089154301	02-18-87	15	E30	400	6.50	101	11.5	70	25	15	.4
391544089193101	04-02-86	210	E47	520	6.90	-142	12.5	86	28	90	1.1
391546089193101	04-02-86	>1,440	E89	470	7.00	-158	12.5	67	23	60	1.0
391734089174701	09-30-86	35	35	2,230	6.20	-40	14.0	--	--	--	--
	10-07-86	--	E35	--	--	--	--	--	--	--	--
391736089174601	02-04-86	35	30	1,560	6.70	-82	9.0	150	41	88	150
391742089174201	02-04-86	50	25	1,010	6.70	-95	14.0	130	39	36	4.5
391802089171901	02-04-86	120	50	1,080	6.70	-96	14.0	120	40	92	1.4
391844089330401	02-11-86	--	60	--	7.20	45	6.5	64	25	41	.6
391845089330801	02-11-86	--	60	650	7.20	23	8.5	73	26	39	2.5

391911089325901	02-11-86	--	90	730	7.10	-145	13.5	81	25	49	4.0
392237089394401	02-06-86	760	35	560	7.10	180	8.5	62	21	36	.6
	02-06-86	760	35	560	7.10	185	8.5	62	21	36	.7
	05-28-86	--	--	--	--	--	--	--	--	--	--
392245089394401	02-06-86	55	55	520	7.00	-112	8.5	63	21	26	.7
392245089394401	05-28-86	--	--	--	--	--	--	--	--	--	--
392544089394401	02-05-86	40	22	770	6.90	-70	13.5	100	37	30	.7
392546089391301	02-05-86	45	20	885	7.20	-97	10.0	100	46	41	.9
392704089411001	02-05-86	170	70	460	7.30	-101	7.0	54	23	28	.4
				Morgan County							
394957090331501	04-03-85	55	E190	565	7.30	-34	15.0	70	29	15	6.0
	06-18-85	95	180	595	7.40	-104	15.5	--	--	--	--
				Moultrie County							
393333088364101	07-09-86	30	600	775	6.90	-118	14.5	100	44	9.9	1.4
393337088363501	07-09-86	350	320	775	6.80	-108	13.5	100	46	15	1.6
393340088363501	07-09-86	310	320	750	7.10	-159	14.5	89	40	20	1.7
393811088415601	06-18-86	100	135	745	7.50	-241	17.5	83	38	27	1.7
393814088415001	06-18-86	25	150	730	7.10	-156	13.5	82	38	26	1.4
393837088444801	06-18-86	25	60	750	7.10	-154	14.5	74	34	60	1.8
393837088444802	06-18-86	35	60	710	7.10	-166	14.5	69	30	56	1.6
394253088465601	07-18-86	30	80	1,130	6.70	-140	15.0	90	36	91	4.8
394256088375401	06-11-86	30	E200	940	6.90	-125	14.5	95	43	54	2.9
394256088464801	07-18-86	30	50	1,170	6.60	-128	14.5	110	45	84	5.5
394257088375101	06-11-86	25	E100	875	6.80	-133	14.5	87	39	55	2.9
394310088375901	06-11-86	25	E100	1,280	7.00	-130	15.0	110	47	100	3.8
				Peoria County							
404009089371401	04-02-85	795	2,990	1,200	7.00	389	15.5	160	58	51	5.7
	06-13-85	695	E3,000	1,140	7.30	606	15.5	--	--	--	--
	11-25-86	1,440	4,500	1,110	6.90	757	15.5	140	55	33	2.8
	02-05-87	--	--	--	--	--	--	100	37	36	3.8
404045089375801	06-05-87	300	E1,200	--	6.90	742	13.0	120	43	28	3.8
404209089383301	12-12-85	70	E235	1,010	6.70	379	13.0	140	50	21	3.8
404214089383101	12-12-85	195	500	930	7.50	337	13.5	120	45	21	3.9
404528089335801	04-02-85	125	E652	955	7.10	78	13.5	110	50	55	4.0
404531089335601	12-05-85	--	E750	900	6.90	23	13.5	97	50	33	2.6
404534089340701	12-05-85	65	350	820	7.00	-101	13.0	71	40	63	4.0

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Menard County--Continued						
	04-14-86	--	--	--	--	--	--	--	--	--	--
400505089495601	10-17-85	264	288	91	67	0.2	14	582	4.40	<0.10	0.05
400551089444201	10-22-85	264	263	95	4.9	.2	15	418	<.10	.14	.13
400553089444201	10-22-85	292	288	90	28	.2	14	515	<.10	.14	.03
400623089361201	10-16-85	280	348	160	100	.2	11	755	.67	.23	.14
400623089361901	11-13-86	--	276	12	4.2	.2	18	315	<.10	.82	.26
					Mercer County						
410605090555101	08-22-86	174	174	39	2.3	.2	--	249	<.10	<.10	.10
410605090555102	08-22-86	172	172	39	2.0	.2	--	246	<.10	<.10	.09
411012090593101	01-14-86	105	109	21	13	<.1	--	408	18.0	<.10	.08
411012090593102	01-14-86	115	120	20	10	<.1	--	394	15.0	<.10	.08
					Monroe County						
381238090160001	08-29-86	292	292	51	36	.2	--	467	.33	.43	.28
	08-29-86	248	--	51	20	.1	--	450	12.0	<.10	.25
381745090185301	07-31-86	294	294	56	190	.2	--	732	<.10	.97	.34
381749090185301	03-07-85	312	297	49	28	.2	27	450	.46	.43	.29
	08-29-86	247	247	52	19	.1	--	457	12.0	<.10	.25
					Montgomery County						
390701089154301	02-18-87	--	237	33	19	.2	18	351	5.60	<.10	<.01
391544089193101	04-02-86	--	273	130	90	.2	24	622	<.10	.18	.36
391546089193101	04-02-86	--	259	99	22	.2	21	434	<.10	<.10	.22
391734089174701	09-30-86	--	451	300	290	.1	12	1,420	.16	9.10	.44
	10-07-86	--	--	--	--	--	--	--	--	--	--
391736089174601	02-04-86	385	367	200	210	.2	11	1,060	<.10	3.30	<.01
391742089174201	02-04-86	356	355	160	50	.2	17	754	<.10	.59	.08
391802089171901	02-04-86	309	308	240	96	.2	20	824	<.10	.28	.09
391844089330401	02-11-86	240	256	61	22	.3	19	449	7.30	<.10	.02
391845089330801	02-11-86	263	278	68	24	.8	19	452	5.10	.57	.58

391911089325901	02-11-86	278	291	100	27	.3	15	489	2.20	1.20	.83
392237089394401	02-06-86	283	288	27	19	1.4	20	411	<.10	1.00	.04
	02-06-86	283	286	28	20	1.3	20	398	<.10	1.00	.04
	05-28-86	--	--	--	--	--	--	--	--	--	--
392245089394401	02-06-86	--	309	13	<10	.5	21	364	<.10	2.30	.25
392245089394401	05-28-86	--	--	--	--	--	--	--	--	--	--
392544089394401	02-05-86	335	328	120	20	.2	13	531	<.10	<.10	.02
392546089391301	02-05-86	314	311	190	37	.2	18	665	<.10	.32	.08
392704089411001	02-05-86	226	227	57	9.7	.3	17	437	<.10	.42	.09

Morgan County

394957090331501	04-03-85	230	222	59	18	.2	13	366	3.50	.18	.02
	06-18-85	--	--	--	--	--	--	--	--	--	--

Moultrie County

393333088364101	07-09-86	405	405	23	18	.2	--	503	<.10	.57	.06
393337088363501	07-09-86	426	426	36	13	.2	--	546	<.10	1.10	.12
393340088363501	07-09-86	406	406	20	7.4	.2	--	447	<.10	2.10	.16
393811088415601	06-18-86	378	378	<10	22	.3	--	389	<.10	1.30	.14
393814088415001	06-18-86	367	367	13	21	.3	--	409	<.10	1.40	.15
393837088444801	06-18-86	430	430	<10	9.5	.5	--	424	<.10	2.70	.30
393837088444802	06-18-86	396	896	<10	12	.5	--	400	<.10	2.60	.28
394253088465601	07-18-86	636	636	<10	18	.4	--	633	<.10	24.0	.90
394256088375401	06-11-86	508	508	<10	26	.4	--	546	<.10	5.90	.15
394256088464801	07-18-86	732	--	<10	4.2	.4	--	645	<.10	27.0	.83
394257088375101	06-11-86	485	485	<10	12	.4	--	509	<.10	5.50	.15
394310088375901	06-11-86	473	473	<10	150	.4	--	691	<.10	6.50	.24

Peoria County

404009089371401	04-02-85	386	380	210	61	.8	19	935	3.50	<.10	<.01
	06-13-85	--	--	--	--	--	--	--	--	--	--
	11-25-86	--	373	200	55	.8	--	826	5.20	<.10	<.01
	02-05-87	--	267	97	66	.3	--	544	2.60	<.10	.04
404045089375801	06-05-87	--	331	120	49	.9	18	604	3.70	<.10	.05
404209089383301	12-12-85	419	395	150	28	.6	18	861	1.10	<.10	<.01
404214089383101	12-12-85	376	358	120	30	<.1	17	738	2.50	<.10	<.01
404528089335801	04-02-85	421	407	62	53	.3	18	645	.78	<.10	<.01
404531089335601	12-05-85	450	420	20	47	.2	21	646	.23	.57	<.01
404534089340701	12-05-85	451	425	20	23	.6	21	546	<.10	.89	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Menard County--Continued						
	04-14-86	--	--	--	--	--	--	--	--	--	--
400505089495601	10-17-85	<50	<1	70	<0.5	220	<3	<5	<5	<5	150
400551089444201	10-22-85	<50	1	60	<1.0	<50	<3	<5	6	<5	2,600
400553089444201	10-22-85	<50	<1	30	<1.0	<50	<3	<5	<5	<5	1,300
400623089361201	10-16-85	<50	<1	100	<.5	300	<3	<5	<5	<5	1,600
400623089361901	11-13-86	<50	11	80	<.5	<50	<3	<5	<5	<5	2,100
					Mercer County						
410605090555101	08-22-86	<50	2	100	<1.0	<50	<3	<5	6	18	960
410605090555102	08-22-86	<50	2	100	<1.0	<50	<3	<5	<5	21	930
411012090593101	01-14-86	<50	1	30	<.5	<50	<3	<5	<5	<5	<50
411012090593102	01-14-86	<50	1	50	<.5	60	<3	<5	<5	<5	<50
					Monroe County						
381238090160001	08-29-86	<50	<1	400	7.0	130	<3	<5	7	<5	5,900
	08-29-86	<50	<1	100	8.0	<50	<3	<5	<5	<5	100
381745090185301	07-31-86	<50	1	400	<1.0	190	<3	7	10	<5	8,100
381749090185301	03-07-85	<50	<1	400	<.5	140	<3	<5	<5	<5	6,000
	08-29-86	<50	<1	100	8.0	<50	<3	<5	<5	<5	100
					Montgomery County						
390701089154301	02-18-87	<50	<1	30	<.5	<50	<3	<5	<5	<5	<50
391544089193101	04-02-86	<50	1	100	<.5	50	<3	<5	<5	<5	5,300
391546089193101	04-02-86	<50	2	100	<.5	<50	<3	<5	<5	<5	3,400
391734089174701	09-30-86	--	<1	--	--	--	--	--	--	--	--
	10-07-86	--	--	--	--	--	--	--	--	--	--
391736089174601	02-04-86	<50	<1	100	<.5	140	<3	<5	<5	<5	4,800
391742089174201	02-04-86	<50	<1	200	<.5	260	<3	<5	<5	<5	3,500
391802089171901	02-04-86	<50	<1	200	<.5	350	<3	<5	<5	<5	3,400
391844089330401	02-11-86	<50	<1	60	<.5	<50	<3	<5	6	6	<50
391845089330801	02-11-86	<50	<1	30	<1.0	<50	<3	<5	7	<5	<50

391911089325901	02-11-86	<50	4	100	<1.0	<50	<3	<5	5	<5	410
392237089394401	02-06-86	<50	<1	100	<.5	<50	<3	<5	<5	15	400
	02-06-86	<50	<1	100	<.5	<50	<3	<5	<5	16	420
	05-28-86	--	--	--	--	--	--	--	--	--	--
392245089394401	02-06-86	<50	1	100	<.5	<50	<3	<5	<5	<5	1,900
392245089394401	05-28-86	--	--	--	--	--	--	--	--	--	--
392544089394401	02-05-86	<50	1	90	<.5	<50	<3	<5	<5	<5	1,400
392546089391301	02-05-86	<50	1	200	<.5	<50	<3	<5	<5	<5	1,700
392704089411001	02-05-86	<50	2	60	<.5	<50	<3	<5	<5	<5	980

Morgan County

394957090331501	04-03-85	<50	<1	60	<1.0	60	<3	13	<5	6	360
	06-18-85	--	--	--	--	--	--	--	--	--	--

Moultrie County

393333088364101	07-09-86	<50	<1	100	<1.0	50	<3	<5	<5	<5	2,600
393337088363501	07-09-86	<50	1	200	<1.0	80	<3	<5	<5	<5	3,300
393340088363501	07-09-86	<50	1	100	<1.0	120	<3	<5	<5	<5	3,500
393811088415601	06-18-86	70	1	100	<2.0	150	<3	8	<5	<5	10,000
393814088415001	06-18-86	70	2	100	<2.0	130	<3	<5	<5	<5	2,300
393837088444801	06-18-86	70	20	100	<2.0	510	<3	<5	<5	52	2,100
393837088444802	06-18-86	80	13	100	<2.0	460	<3	<5	<5	<5	2,800
394253088465601	07-18-86	<50	6	300	<.5	1,200	<3	<5	<5	<5	7,500
394256088375401	06-11-86	80	14	400	<2.0	230	<3	<5	<5	<5	2,900
394256088464801	07-18-86	470	5	300	<.5	1,500	<3	<5	<5	<5	8,100
394257088375101	06-11-86	60	18	500	<2.0	200	<3	<5	<5	<5	2,600
394310088375901	06-11-86	70	<1	200	<2.0	230	<3	<5	<5	<5	2,200

Peoria County

404009089371401	04-02-85	<50	<1	80	<1.0	390	4	<5	<5	7	<50
	06-13-85	--	--	--	--	--	--	--	--	--	--
	11-25-86	<50	<1	80	<.5	300	<3	<5	7	<5	<50
	02-05-87	<50	<1	80	<.5	250	<3	<5	6	6	<50
404045089375801	06-05-87	<50	<1	90	2.0	150	<3	<5	<5	<5	<50
404209089383301	12-12-85	<50	<1	100	<.5	140	<3	<5	<5	<5	<50
404214089383101	12-12-85	<50	<1	100	<.5	170	<3	<5	<5	120	<50
404528089335801	04-02-85	<50	<1	200	<1.0	230	<3	<5	<5	<5	90
404531089335601	12-05-85	<50	<1	300	<.5	130	<3	<5	<5	<5	<50
404534089340701	12-05-85	<50	2	500	<.5	340	<3	<5	<5	<5	710

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Menard County--Continued							
	04-14-86	--	--	--	--	--	--	--	--	--	--
400505089495601	10-17-85	<5	82	0.09	<5	2	<3	130	<5	<50	<0.01
400551089444201	10-22-85	<5	230	.37	<5	<1	<3	120	<5	<50	<.01
400553089444201	10-22-85	<5	400	<.01	<5	<1	<3	130	<5	<50	<.01
400623089361201	10-16-85	<5	1,100	<.01	<5	1	<3	170	<5	<50	<.01
400623089361901	11-13-86	<5	90	<.05	<5	<1	<3	110	<5	<50	<.01
				Mercer County							
410605090555101	08-22-86	<5	180	<.01	7	<1	<3	70	<5	<50	<.01
410605090555102	08-22-86	<5	170	<.01	<5	<1	<3	70	<5	<50	<.01
411012090593101	01-14-86	<5	<5	<.01	<5	<1	<3	70	<5	<50	<.01
411012090593102	01-14-86	<5	<5	<.01	<5	<1	<3	90	<5	<50	<.01
				Monroe County							
381238090160001	08-29-86	<5	510	<.01	<5	<1	<3	350	<5	<50	<.01
	08-29-86	<5	78	.03	<5	6	<3	240	<5	<50	<.01
381745090185301	07-31-86	<5	660	<.01	15	<1	4	830	<5	<50	<.01
381749090185301	03-07-85	<5	520	<.01	<5	<1	<3	310	<5	<50	<.01
	08-29-86	<5	78	.42	<5	6	<3	240	<5	<50	<.01
				Montgomery County							
390701089154301	02-18-87	<5	10	<.05	<5	3	<3	90	<5	<50	<.01
391544089193101	04-02-86	<5	370	<.01	<5	<1	<3	170	<5	<50	<.01
391546089193101	04-02-86	<5	170	<.01	<5	<1	<3	130	<5	<50	<.01
391734089174701	09-30-86	<5	--	.07	--	<1	--	--	--	--	<.01
	10-07-86	--	--	--	--	--	--	--	--	--	--
391736089174601	02-04-86	<5	980	<.01	16	<1	<3	250	<5	<50	<.01
391742089174201	02-04-86	<5	650	<.01	<5	<1	5	220	6	<50	<.01
391802089171901	02-04-86	<5	560	<.01	<5	<1	<3	300	<5	<50	<.01
391844089330401	02-11-86	<5	11	.02	17	3	<3	130	<5	<50	<.01
391845089330801	02-11-86	<5	36	<.01	<5	3	<3	170	<5	770	<.01

391911089325901	02-11-86	<5	260	.08	<5	1	<3	180	<5	1,500	<.01
392237089394401	02-06-86	<5	34	<.01	<5	<1	<3	160	<5	<50	<.01
	02-06-86	<5	34	<.01	<5	<1	4	160	<5	<50	<.01
	05-28-86	--	--	--	--	--	--	--	--	--	--
392245089394401	02-06-86	<5	41	<.01	<5	2	<3	170	<5	<50	<.01
392245089394401	05-28-86	--	--	--	--	--	--	--	--	--	--
392544089394401	02-05-86	<5	300	<.01	<5	<1	3	180	<5	<50	<.01
392546089391301	02-05-86	<5	110	<.01	<5	<1	<3	210	<5	<50	<.01
392704089411001	02-05-86	<5	130	<.01	<5	<1	<3	120	<5	<50	<.01

Morgan County

394957090331501	04-03-85	<5	250	<.10	13	3	<3	120	<5	<50	<.01
	06-18-85	--	--	--	--	--	--	--	--	--	--

Moultrie County

393333088364101	07-09-86	<5	190	<.01	<5	<1	<3	340	<5	<50	.01
393337088363501	07-09-86	<5	120	<.01	<5	<1	<3	440	<5	<50	<.01
393340088363501	07-09-86	<5	110	<.01	5	<1	<3	460	<5	<50	<.01
393811088415601	06-18-86	<5	160	<.01	11	<1	<3	340	5	<50	<.01
393814088415001	06-18-86	<5	120	<.01	7	<1	<3	360	5	<50	<.01
393837088444801	06-18-86	<5	42	<.01	5	<1	<3	400	5	<50	<.01
393837088444802	06-18-86	<5	51	<.01	<5	<1	<3	390	<5	<50	<.01
394253088465601	07-18-86	<5	59	<.01	<5	<1	<3	1,000	<5	<50	<.01
394256088375401	06-11-86	<5	42	<.01	8	<1	<3	460	5	<50	<.01
394256088464801	07-18-86	<5	83	<.01	<5	<1	<3	1,200	<5	<50	.01
394257088375101	06-11-86	<5	32	<.01	7	<1	<3	420	5	<50	<.01
394310088375901	06-11-86	<5	45	<.01	8	<1	<3	670	<5	<50	<.01

Peoria County

404009089371401	04-02-85	<5	<5	.27	<5	2	<3	200	<5	<50	<.01
	06-13-85	--	--	--	--	--	--	--	--	--	--
	11-25-86	<5	<5	<.05	<5	1	<3	170	<5	<50	<.01
	02-05-87	<5	<5	<.05	<5	<1	<3	250	<5	<50	<.01
404045089375801	06-05-87	<5	<5	<.05	<5	1	<3	130	8	<50	<.01
404209089383301	12-12-85	<5	<5	<.01	<5	<1	<3	200	<5	<50	<.01
404214089383101	12-12-85	9	7	<.01	<5	1	<3	170	<5	<50	<.01
404528089335801	04-02-85	11	100	<.10	<5	<1	<3	280	<5	<50	<.01
404531089335601	12-05-85	<5	500	<.01	<5	<1	<3	300	<5	<50	<.01
404534089340701	12-05-85	<5	290	<.01	<5	<1	<3	430	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Menard County--Continued						
	04-14-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	48
400505089495601	10-17-85	<5	--	--	--	--	--	--	--	--
400551089444201	10-22-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
400553089444201	10-22-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
400623089361201	10-16-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
400623089361901	11-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Mercer County						
410605090555101	08-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410605090555102	08-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411012090593101	01-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
411012090593102	01-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
				Monroe County						
381238090160001	08-29-86	<5	--	--	--	--	--	--	--	--
	08-29-86	<5	--	--	--	--	--	--	--	--
381745090185301	07-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381749090185301	03-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	08-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Montgomery County						
390701089154301	02-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391544089193101	04-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391546089193101	04-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391734089174701	09-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-07-86	--	--	--	--	--	--	--	--	--
391736089174601	02-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391742089174201	02-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
391802089171901	02-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
391844089330401	02-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391845089330801	02-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

391911089325901	02-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392237089394401	02-06-86	<5	5.9	3.3	<1.0	<1.0	<1.0	--	<1.0	<1.0
	02-06-86	<5	--	--	--	--	--	--	--	--
	05-28-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392245089394401	02-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
392245089394401	05-28-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392544089394401	02-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392546089391301	02-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392704089411001	02-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Morgan County					
394957090331501	04-03-85	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	--
	06-18-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
					Moultrie County					
393333088364101	07-09-86	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393337088363501	07-09-86	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393340088363501	07-09-86	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393811088415601	06-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393814088415001	06-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393837088444801	06-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393837088444802	06-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394253088465601	07-18-86	5	--	--	--	--	--	--	--	--
394256088375401	06-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394256088464801	07-18-86	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394257088375101	06-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394310088375901	06-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Peoria County					
404009089371401	04-02-85	<5	<1.0	<1.0	<1.0	4.0	<1.0	3.0	<1.0	--
	06-13-85	--	--	--	--	--	--	--	--	--
	11-25-86	<5	2.0	3.0	6.0	5.0	<1.0	<1.0	<1.0	<1.0
	02-05-87	<5	--	--	--	--	--	--	--	--
404045089375801	06-05-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404209089383301	12-12-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404214089383101	12-12-85	<5	--	--	--	--	--	--	--	--
404528089335801	04-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404531089335601	12-05-85	<5	--	--	--	--	--	--	--	--
404534089340701	12-05-85	<5	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Menard County--Continued					
	04-14-86	<1.0	<1.0	<1.0	5.0	38	<1.0	<1.0	<1.0	<1.0
400505089495601	10-17-85	--	--	--	--	--	--	--	--	--
400551089444201	10-22-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400553089444201	10-22-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400623089361201	10-16-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400623089361901	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Mercer County					
410605090555101	08-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410605090555102	08-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411012090593101	01-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411012090593102	01-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Monroe County					
381238090160001	08-29-86	--	--	--	--	--	--	--	--	--
	08-29-86	--	--	--	--	--	--	--	--	--
381745090185301	07-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
381749090185301	03-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Montgomery County					
390701089154301	02-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391544089193101	04-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391546089193101	04-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391734089174701	09-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-07-86	--	--	--	--	--	--	--	--	--
391736089174601	02-04-86	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0
391742089174201	02-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391802089171901	02-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391844089330401	02-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391845089330801	02-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

391911089325901	02-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392237089394401	02-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
	02-06-86	--	--	--	--	--	--	--	--	--
	05-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392245089394401	02-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
392245089394401	05-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392544089394401	02-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
392546089391301	02-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
392704089411001	02-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Morgan County

394957090331501	04-03-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-18-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Moultrie County

393333088364101	07-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393337088363501	07-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393340088363501	07-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393811088415601	06-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393814088415001	06-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393837088444801	06-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393837088444802	06-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394253088465601	07-18-86	--	--	--	--	--	--	--	--	--
394256088375401	06-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394256088464801	07-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
394257088375101	06-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394310088375901	06-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Peoria County

404009089371401	04-02-85	<1.0	5.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0	<1.0
	06-13-85	--	--	--	--	--	--	--	--	--
	11-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-05-87	--	--	--	--	--	--	--	--	--
404045089375801	06-05-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404209089383301	12-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404214089383101	12-12-85	--	--	--	--	--	--	--	--	--
404528089335801	04-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404531089335601	12-05-85	--	--	--	--	--	--	--	--	--
404534089340701	12-05-85	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Peoria County--Continued			
404536089340701	12-05-85	1135	Peoria Heights Well No. 8	17002	17002	85.00
404554089340401	03-17-86	1000	Illinois American Water Company Peoria Well No. 7	17002	17002	65.00
404555089341901	03-19-87	1000	Illinois American Water Company Sankoty Well No. 12	17002	17002	--
	03-19-87	1005	Illinois American Water Company Sankoty Well No. 12	17002	17002	--
404606089340701	03-17-86	1100	Illinois American Water Company Peoria Well No. 10	17002	17002	62.00
404821089344701	12-10-85	1355	Brookview Subdivision Well No. 1	17002	17002	--
404821089344702	12-10-85	1500	Brookview Subdivision Well No. 2	17002	17002	--
405104089392001	03-26-86	1850	Meadowwood Subdivision Well No. 4	17002	17002	--
405113089392101	03-26-86	1810	Meadowwood Subdivision Well No. 3	17002	17002	--
405122089393701	03-26-86	1725	Meadowwood Subdivision Well No. 1	17002	17002	--
405251089330801	12-02-86	1215	Pinewood Mobile Home Park Well No. 2	17002	17002	--
405252089330801	12-02-86	1155	Pinewood Mobile Home Park Well No. 1	17002	17002	--
405252089330901	12-02-86	1030	Pinewood Mobile Home Park Well No. 3	17002	17002	--
405306089301101	04-29-87	0920	Rome Farms No. 9 Well No. 1	17002	17002	--
405306089301102	04-29-87	0930	Rome Farms No. 9 Well No. 2	17002	17002	--
405508089294401	12-11-85	1300	Chillicothe Well No. 2 (Local Well No. 1)	17002	17002	--
405508089294801	12-11-85	1150	Chillicothe Well No. 3 (Local Well No. 2)	17002	17002	--
405536089300401	04-02-85	1615	Chillicothe Well No. 7	81700	17002	56.00
405539089294201	12-11-85	1040	Chillicothe Well No. 6 (Local Well No. 3)	17002	17002	--
			Piatt County			
394754088353401	06-10-86	1515	Hammond Well No. 1	17002	17002	--
395339088455201	02-26-87	1305	Cerro Gordo Well No. 7	17002	17002	--
395340088455001	02-26-87	1235	Cerro Gordo Well No. 6	17002	17002	--
395509088341501	02-10-87	1140	Bement Well No. 1	17002	17002	95.00
395514088344901	02-10-87	1220	Bement Well No. 2	17002	17002	92.00
	02-10-87	1225	Bement Well No. 2	17002	17002	92.00
395643088433301	02-26-87	1145	Cerro Gordo Well No. 8	17002	17002	--
	02-26-87	1150	Cerro Gordo Well No. 8	17002	17002	--
400044088432901	06-10-86	1255	Cisco Well No. 3	17002	17002	--
	02-11-87	1145	Cisco Well No. 3	17002	17002	--

400046088432801	06-10-86	1345	Cisco Well No. 2	17002	17002	--
400138088341501	02-10-87	1345	Monticello Well No. 1	17002	17002	--
400138088341502	02-10-87	1420	Monticello Well No. 2	17002	17002	--
400138088341601	02-06-85	1510	Monticello Well No. 5	81700	17002	46.00
400138088341602	02-10-87	1450	Monticello Well No. 4	17002	17002	--
400523088305301	02-10-87	1040	White Heath Waterworks Well No. 1	17002	17002	--
400659088385701	02-24-87	1405	De Land Well No. 6	17002	17002	--
400700088385601	02-24-87	1510	De Land Well No. 3	17002	17002	--
401240088304101	02-27-87	1140	Mansfield Well No. 2	17002	17002	--
401244088304101	02-27-87	1215	Mansfield Well No. 3	17002	17002	--

Pike County

392605090524601	11-20-85	1415	Pleasant Hill Well No. 2	17002	17002	--
392607090524301	11-20-85	1205	Pleasant Hill Well No. 4	17002	17002	--
392607090524601	11-20-85	1310	Pleasant Hill Well No. 3	17002	17002	--
392628090473101	11-13-86	1130	Nebo Well No. 1	17002	17002	--
392630090473101	11-13-86	1155	Nebo Well No. 2	17002	17002	--
393116090590101	04-13-87	1620	Pike County Public Water District Well No. 1	17002	17002	--
393117090585901	04-13-87	1630	Pike County Public Water District Well No. 2	17002	17002	--
393819091055501	11-19-85	1300	New Canton Well No. 1	17002	17002	18.00
393819091055502	11-19-85	1200	New Canton Well No. 3	17002	17002	--
394201091091201	03-04-86	1620	Kinderhook Well No. 1	17002	17002	--
394201091091202	03-04-86	1700	Kinderhook Well No. 2	17002	17002	--
394220091123301	03-04-86	1010	Hull Well No. 1	17002	17002	--
394536090434901	10-15-86	1130	Barry Well No. 1	17002	17002	--
394537090434601	10-15-86	1200	Barry Well No. 3	17002	17002	--
394553090384701	10-15-86	1400	Griggsville Well No. 6	17002	17002	--
	04-14-87	1150	Griggsville Well No. 6	17002	17002	--
394553090384901	10-15-86	1415	Griggsville Well No. 5	17002	17002	--
	04-14-87	1135	Griggsville Well No. 5	17002	17002	--
394715090443901	11-13-86	1425	Perry Well No. 1	17002	17002	--
394717090444001	11-13-86	1400	Perry Well No. 2	17002	17002	--

Pulaski County

371250089133401	03-27-85	1130	Pulaski Well No. 1A	81700	17002	--
371637089105401	03-27-85	0940	Ullin Well No. 1	81700	17002	--
371737088584501	06-04-86	1050	Karnak Well No. 2	17002	17002	--
	06-04-86	1055	Karnak Well No. 2	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Peoria County--Continued							
404536089340701	12-05-85	155	700	925	7.10	-23	13.0	90	47	50	4.0
404554089340401	03-17-86	--	1,180	795	7.10	-122	13.0	87	41	49	2.4
404555089341901	03-19-87	>1,440	E1,390	405	7.10	--	13.0	86	42	39	2.9
	03-19-87	>1,440	E1,390	405	7.10	--	13.0	87	42	39	2.9
404606089340701	03-17-86	--	1,740	815	7.00	-112	13.0	100	46	20	2.1
404821089344701	12-10-85	70	E122	855	6.90	137	13.0	100	54	7.5	2.0
404821089344702	12-10-85	60	E67	870	6.90	382	13.0	100	55	9.5	2.4
405104089392001	03-26-86	--	10	1,000	6.90	-83	13.0	110	59	51	3.1
405113089392101	03-26-86	1,440	5.0	730	7.20	-141	13.5	60	34	74	3.1
405122089393701	03-26-86	1,440	12	730	7.20	-157	13.0	62	38	63	1.9
405251089330801	12-02-86	15	--	275	7.30	-95	13.5	70	31	4.4	.6
405252089330801	12-02-86	10	--	500	7.24	-24	13.5	71	30	3.4	.5
405252089330901	12-02-86	10	--	740	7.10	--	13.5	91	37	34	1.2
405306089301101	04-29-87	5	50	--	7.30	--	14.5	77	33	9.5	.9
405306089301102	04-29-87	5	50	--	7.30	--	14.5	79	33	4.2	.9
405508089294401	12-11-85	60	350	550	7.80	138	14.5	62	34	9.3	1.7
405508089294801	12-11-85	230	300	540	6.70	184	14.5	59	33	8.7	1.6
405536089300401	04-02-85	>1,400	E292	500	7.40	82	15.5	55	32	11	2.2
405539089294201	12-11-85	65	270	660	7.50	214	14.5	75	38	14	1.9
				Piatt County							
394754088353401	06-10-86	15	--	--	--	--	--	84	41	53	2.6
395339088455201	02-26-87	25	--	425	6.60	-93	13.0	79	36	8.5	.7
395340088455001	02-26-87	25	--	445	7.60	-105	13.5	93	49	62	3.0
395509088341501	02-10-87	80	240	577	6.80	-116	13.5	71	36	53	2.1
395514088344901	02-10-87	30	265	595	7.30	-123	13.0	63	34	65	2.5
	02-10-87	35	265	595	7.30	-124	13.0	62	34	65	2.4
395643088433301	02-26-87	25	E160	495	7.00	-112	14.0	60	31	69	1.5
	02-26-87	30	E160	495	7.00	-112	14.0	--	--	--	--
400044088432901	06-10-86	40	58	370	7.30	-141	13.5	76	35	33	2.2
	02-11-87	25	E60	600	7.70	-27	14.0	75	35	31	2.3

400046088432801	06-10-86	25	--	--	--	--	--	100	46	80	3.5
400138088341501	02-10-87	40	350	435	6.60	-169	13.5	53	28	36	1.6
400138088341502	02-10-87	25	350	435	7.20	-174	13.5	56	30	35	1.5
400138088341601	02-06-85	250	1,530	625	7.80	-192	12.5	63	33	46	2.2
400138088341602	02-10-87	25	1,000	435	7.10	-170	13.5	59	30	36	1.5
400523088305301	02-10-87	25	E65	510	6.60	-89	12.5	82	30	25	1.8
400659088385701	02-24-87	155	E30	645	6.80	115	13.0	120	62	64	3.9
400700088385601	02-24-87	100	E60	720	6.60	-39	13.0	66	28	66	1.3
401240088304101	02-27-87	30	E155	440	6.60	-96	14.5	66	27	38	.9
401244088304101	02-27-87	25	E180	485	6.40	-118	13.5	69	29	71	2.3
				Pike County							
392605090524601	11-20-85	60	200	670	6.90	-7	13.5	77	27	9.0	3.0
392607090524301	11-20-85	55	210	620	6.90	33	13.5	74	25	9.6	2.1
392607090524601	11-20-85	60	200	605	6.90	-74	13.5	72	25	8.5	1.8
392628090473101	11-13-86	150	70	270	6.30	-2	14.5	65	18	26	2.3
392630090473101	11-13-86	25	60	300	7.00	36	14.5	61	15	38	3.8
393116090590101	04-13-87	20	250	535	6.90	--	13.5	79	25	8.4	1.7
393117090585901	04-13-87	5	400	--	7.10	--	14.0	65	20	7.7	1.4
393819091055501	11-19-85	60	75	440	6.60	--	14.0	51	15	6.7	1.7
393819091055502	11-19-85	55	60	440	6.70	--	14.0	51	15	6.8	1.6
394201091091201	03-04-86	200	75	605	6.60	592	14.0	75	24	18	2.4
394201091091202	03-04-86	>1,440	75	615	6.50	453	14.0	74	25	18	2.4
394220091123301	03-04-86	10	E300	525	6.80	-67	14.0	71	17	15	2.1
394536090434901	10-15-86	270	140	415	7.00	43	15.0	110	46	12	1.2
394537090434601	10-15-86	--	140	470	7.20	18	14.5	120	48	14	1.4
394553090384701	10-15-86	120	185	--	6.90	--	15.0	94	28	12	.7
	04-14-87	15	--	--	6.90	--	14.0	88	26	11	.7
394553090384901	10-15-86	15	185	--	7.00	--	15.0	69	20	9.0	.6
	04-14-87	15	--	--	7.00	--	14.5	73	21	9.6	.7
394715090443901	11-13-86	20	55	--	6.90	-66	13.0	87	42	16	.5
394717090444001	11-13-86	30	80	--	6.80	-118	13.5	110	53	41	.9
				Pulaski County							
371250089133401	03-27-85	45	--	725	7.00	-111	16.0	110	34	13	2.4
371637089105401	03-27-85	40	--	485	7.20	-118	15.5	71	19	8.4	1.2
371737088584501	06-04-86	230	E45	190	5.30	140	15.0	13	6.9	9.5	1.9
	06-04-86	235	E45	190	5.30	140	15.0	13	6.9	9.8	1.9

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Peoria County--Continued						
404536089340701	12-05-85	416	391	38	60	0.5	18	745	0.97	0.42	<0.01
404554089340401	03-17-86	398	414	30	32	.2	18	504	.44	.26	<.01
404555089341901	03-19-87	--	394	33	22	.4	16	442	.37	.86	.04
	03-19-87	--	394	32	22	.4	16	455	.47	.56	<.01
404606089340701	03-17-86	382	393	52	29	.2	18	539	<.10	.14	<.01
404821089344701	12-10-85	351	339	80	14	.2	17	704	15.0	<.10	<.01
404821089344702	12-10-85	368	350	72	18	.2	18	717	13.0	<.10	<.01
405104089392001	03-26-86	--	438	160	20	.5	19	727	.62	.30	<.01
405113089392101	03-26-86	--	442	<10	4.7	.6	18	473	4.80	1.30	.11
405122089393701	03-26-86	--	436	<10	3.4	.7	18	458	<.10	2.70	.39
405251089330801	12-02-86	--	240	60	6.2	.1	12	384	<.10	<.10	<.01
405252089330801	12-02-86	--	250	69	5.3	.2	12	410	2.20	<.10	<.01
405252089330901	12-02-86	--	334	64	31	.1	15	541	6.50	<.10	<.01
405306089301101	04-29-87	--	252	49	17	.1	15	410	7.30	<.10	<.01
405306089301102	04-29-87	--	252	52	7.3	.1	16	384	6.80	<.10	<.01
405508089294401	12-11-85	266	216	55	15	.2	<14	317	2.60	<.10	<.01
405508089294801	12-11-85	222	215	54	14	.2	13	318	2.70	<.10	<.01
405536089300401	04-02-85	208	202	54	14	.2	11	338	1.60	.17	.01
405539089294201	12-11-85	284	274	63	18	.3	15	383	2.70	<.10	<.01
					Piatt County						
394754088353401	06-10-86	429	429	<10	53	.4	--	514	<.10	8.30	.52
395339088455201	02-26-87	--	279	120	17	.2	9.0	386	<.10	<.10	<.01
395340088455001	02-26-87	--	286	120	19	.2	8.9	408	<.10	<.10	<.01
395509088341501	02-10-87	--	390	<10	20	.5	--	479	<.10	1.80	.12
395514088344901	02-10-87	--	397	<10	16	.5	18	491	<.10	2.20	.14
	02-10-87	--	398	<10	16	.5	18	393	<.10	2.20	.14
395643088433301	02-26-87	--	382	<10	58	.4	16	398	<.10	1.80	.22
	02-26-87	--	--	--	--	--	--	--	--	--	--
400044088432901	06-10-86	397	297	<10	8.7	.4	--	417	<.10	5.50	.40
	02-11-87	--	379	<10	10	.4	19	413	<.10	5.20	.41

400046088432801	06-10-86	657	687	<10	5.7	.4	--	632	<.10	18.0	1.50
400138088341501	02-10-87	--	307	<10	3.1	.3	11	382	<.10	.85	.18
400138088341502	02-10-87	--	314	<10	2.9	.3	11	349	<.10	.90	.16
400138088341601	02-06-85	355	353	<10	5.5	.3	12	677	<.10	.73	.18
400138088341602	02-10-87	--	322	<10	5.3	.2	12	343	.23	.73	.38
400523088305301	02-10-87	--	323	39	1.5	.3	20	448	<.10	.83	.11
400659088385701	02-24-87	--	634	<10	16	.4	27	577	<.10	14.0	.17
400700088385601	02-24-87	--	744	<10	9.0	.4	29	700	<.10	17.0	.16
401240088304101	02-27-87	--	387	<10	5.4	.4	20	363	<.10	1.00	.13
401244088304101	02-27-87	--	446	<10	14	.5	19	425	<.10	1.90	.13

Pike County

392605090524601	11-20-85	280	259	40	45	.2	26	435	2.40	<.10	.04
392607090524301	11-20-85	301	277	41	18	.2	30	421	1.30	<.10	.03
392607090524601	11-20-85	292	271	38	21	.2	30	410	1.20	.44	.04
392628090473101	11-13-86	--	201	55	20	<.1	17	349	.78	<.10	.12
392630090473101	11-13-86	--	154	85	42	<.1	19	374	1.10	<.10	.05
393116090590101	04-13-87	--	221	24	14	.1	17	349	5.00	<.10	.07
393117090585901	04-13-87	--	188	30	9.4	.1	18	297	2.40	<.10	.05
393819091055501	11-19-85	192	183	30	9.9	.1	18	296	3.30	<.10	.05
393819091055502	11-19-85	195	184	29	9.7	.1	17	296	3.20	<.10	.06
394201091091201	03-04-86	226	238	44	21	.3	20	376	5.40	<.10	.07
394201091091202	03-04-86	231	253	48	21	.2	19	386	5.60	<.10	.08
394220091123301	03-04-86	230	242	37	12	.1	27	337	<.10	<.10	.08
394536090434901	10-15-86	347	--	62	34	.2	--	545	9.70	<.10	.03
394537090434601	10-15-86	372	372	67	42	.1	--	654	14.0	<.10	.03
394553090384701	10-15-86	--	360	13	5.6	.1	22	448	<.10	1.50	.66
	04-14-87	--	331	<10	5.7	.1	23	455	<.10	1.50	.52
394553090384901	10-15-86	267	--	14	4.9	.1	--	317	<.10	1.40	.80
	04-14-87	--	245	11	4.7	.1	23	299	<.10	1.40	.74
394715090443901	11-13-86	--	328	64	19	.2	18	508	.17	<.10	.02
394717090444001	11-13-86	--	402	110	54	.2	22	628	<.10	.20	.13

Pulaski County

371250089133401	03-27-85	386	371	58	8.7	.2	30	478	<.10	2.20	.88
371637089105401	03-27-85	274	274	<10	4.8	.2	18	318	<.10	.59	.36
371737088584501	06-04-86	--	27	33	10	<.1	--	150	2.90	<.10	.12
	06-04-86	--	22	33	10	<.1	--	138	2.70	<.10	.12

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Peoria County--Continued							
404536089340701	12-05-85	<50	1	500	<0.5	220	<3	<5	<5	6	80
404554089340401	03-17-86	<50	7	700	<.5	210	<3	<5	9	<5	1,100
404555089341901	03-19-87	<50	2	300	<.5	210	<3	<5	<5	210	570
	03-19-87	<50	2	300	<.5	220	<3	<5	<5	24	350
404606089340701	03-17-86	<50	2	400	<2.0	70	<3	<5	<5	<5	530
404821089344701	12-10-85	<50	<1	50	<.5	<50	<3	<5	<5	<5	<50
404821089344702	12-10-85	<50	<1	50	<.5	50	<3	<5	<5	<5	<50
405104089392001	03-26-86	<50	<1	100	<1.0	340	<3	<5	<5	<5	520
405113089392101	03-26-86	<50	<1	400	<.5	440	<3	<5	<5	68	1,700
405122089393701	03-26-86	<50	7	200	.5	400	<3	<5	<5	190	4,000
405251089330801	12-02-86	<50	<1	100	<.5	<50	<3	<5	<5	75	350
405252089330801	12-02-86	<50	<1	40	<.5	<50	<3	<5	<5	85	2,100
405252089330901	12-02-86	<50	1	70	<.5	150	<3	<5	7	21	120
405306089301101	04-29-87	<50	<1	30	<.5	<50	<3	<5	<5	7	<50
405306089301102	04-29-87	<50	<1	30	<.5	<50	<3	<5	<5	25	190
405508089294401	12-11-85	480	<1	50	<.5	210	<3	<5	<5	<5	<50
405508089294801	12-11-85	<50	<1	50	<.5	220	<3	<5	<5	<5	<50
405536089300401	04-02-85	<50	<1	40	<1.0	250	3	<5	<5	9	<50
405539089294201	12-11-85	<50	<1	60	<.5	340	<3	<5	<5	<5	<50
				Piatt County							
394754088353401	06-10-86	130	24	200	<1.0	240	<3	<5	<5	<5	6,000
395339088455201	02-26-87	170	<1	60	<.5	<50	<3	7	10	6	1,500
395340088455001	02-26-87	<50	<1	300	<.5	250	<3	<5	5	5	3,200
395509088341501	02-10-87	<50	2	200	<.5	490	<3	<5	<5	<5	1,800
395514088344901	02-10-87	<50	2	200	<.5	740	<3	<5	<5	<5	1,300
	02-10-87	<50	1	200	<.5	740	<3	<5	<5	<5	1,300
395643088433301	02-26-87	<50	14	300	<.5	400	<3	<5	<5	710	1,400
	02-26-87	--	--	--	--	--	--	--	--	--	--
400044088432901	06-10-86	<50	27	200	<1.0	340	<3	<5	<5	21	3,200
	02-11-87	<50	30	300	<.5	360	<3	<5	5	68	3,300

400046088432801	06-10-86	<50	26	300	<1.0	720	<3	7	<5	6	13,000
400138088341501	02-10-87	<50	48	200	<.5	590	<3	<5	<5	<5	2,300
400138088341502	02-10-87	<50	54	200	<.5	580	<3	<5	<5	<5	2,000
400138088341601	02-06-85	<50	47	200	<.5	510	<3	<5	<5	<5	2,700
400138088341602	02-10-87	<50	40	200	<.5	560	<3	<5	<5	<5	2,400
400523088305301	02-10-87	<50	8	80	<.5	460	<3	<5	<5	<5	1,800
400659088385701	02-24-87	70	55	400	<.5	260	<3	<5	9	<5	4,300
400700088385601	02-24-87	60	58	200	<.5	480	<3	<5	<5	<5	1,300
401240088304101	02-27-87	<50	<1	100	<.5	380	<3	<5	<5	<5	1,000
401244088304101	02-27-87	60	<1	200	<.5	480	<3	<5	<5	<5	1,300

Pike County

392605090524601	11-20-85	<50	1	200	<.5	<50	<3	<5	<5	<5	630
392607090524301	11-20-85	<50	2	200	<.5	<50	<3	<5	<5	<5	660
392607090524601	11-20-85	<50	5	200	<.5	<50	<3	<5	<5	<5	1,100
392628090473101	11-13-86	<50	7	200	<.5	50	<3	<5	<5	6	4,000
392630090473101	11-13-86	<50	4	90	<.5	170	<3	16	<5	11	2,700
393116090590101	04-13-87	50	<1	70	<.5	<50	<3	<5	<5	340	<50
393117090585901	04-13-87	<50	<1	60	<.5	<50	<3	<5	<5	<5	430
393819091055501	11-19-85	<50	<1	70	<.5	<50	<3	<5	<5	6	<50
393819091055502	11-19-85	<50	<1	70	<.5	<50	<3	<5	<5	<5	<50
394201091091201	03-04-86	<50	<1	100	<.5	80	<3	<5	<5	10	<50
394201091091202	03-04-86	<50	<1	100	<.5	100	<3	<5	6	27	<50
394220091123301	03-04-86	<50	2	200	<.5	<50	<3	<5	6	<5	1,800
394536090434901	10-15-86	<50	<1	60	<.5	<50	4	<5	9	16	100
394537090434601	10-15-86	<50	<1	80	<.5	<50	<3	<5	<5	39	420
394553090384701	10-15-86	<50	4	100	<.5	<50	3	7	6	52	8,200
	04-14-87	<50	3	200	<.5	<50	<3	<5	5	34	7,900
394553090384901	10-15-86	<50	5	100	<.5	<50	3	8	<5	160	7,800
	04-14-87	<50	3	100	<.5	<50	<3	5	7	62	7,900
394715090443901	11-13-86	60	<1	60	<.5	<50	<3	<5	<5	230	1,600
394717090444001	11-13-86	<50	<1	200	<.5	<50	<3	<5	<5	39	4,000

Pulaski County

371250089133401	03-27-85	<50	24	300	<.5	<50	<3	6	<5	<5	10,000
371637089105401	03-27-85	<50	20	200	<.5	<50	<3	10	<5	<5	4,300
371737088584501	06-04-86	<50	<1	30	<.5	<50	<3	<5	7	<5	2,300
	06-04-86	<50	<1	30	<.5	<50	<3	<5	6	<5	2,400

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Peoria County--Continued							
404536089340701	12-05-85	<5	140	<0.01	<5	<1	<3	500	<5	<50	<0.01
404554089340401	03-17-86	<5	330	<.01	<5	<1	7	280	7	<50	<.01
404555089341901	03-19-87	18	180	<.05	<5	<1	<3	450	<5	<50	<.01
	03-19-87	<5	170	<.05	<5	<1	<3	450	<5	<50	<.01
404606089340701	03-17-86	<5	780	.02	<5	<1	<3	240	<5	<50	<.01
404821089344701	12-10-85	<5	<5	<.01	<5	1	<3	170	<5	<50	<.01
404821089344702	12-10-85	<5	<5	<.01	<5	1	<3	150	<5	<50	<.01
405104089392001	03-26-86	<5	170	<.01	<5	<1	<3	1,800	<5	<50	<.01
405113089392101	03-26-86	80	110	<.01	<5	<1	<3	1,200	<5	<50	<.01
405122089393701	03-26-86	190	130	<.01	<5	<1	<3	1,700	<5	120	<.01
405251089330801	12-02-86	15	310	<.05	<5	<1	<3	100	<5	<100	<.01
405252089330801	12-02-86	17	250	<.05	<5	4	<3	80	<5	180	<.01
405252089330901	12-02-86	140	120	<.05	<5	1	<3	120	5	<50	<.01
405306089301101	04-29-87	<5	<5	<.05	<5	2	<3	100	<5	<50	<.01
405306089301102	04-29-87	<5	<5	<.05	<5	2	<3	100	<5	100	<.01
405508089294401	12-11-85	<5	<5	.04	<5	<1	<3	80	<5	<50	<.01
405508089294801	12-11-85	<5	<5	<.01	<5	<1	<3	80	<5	<50	<.01
405536089300401	04-02-85	<5	<5	<.10	7	1	<3	90	<5	<50	<.01
405539089294201	12-11-85	<5	<5	<.01	<5	<1	<3	100	<5	<50	<.01
				Piatt County							
394754088353401	06-10-86	<5	61	.86	10	<1	<3	740	6	<50	<.01
395339088455201	02-26-87	<5	150	<.05	12	<1	9	110	9	<50	<.01
395340088455001	02-26-87	<5	18	<.05	<5	<1	<3	520	<5	<100	<.01
395509088341501	02-10-87	<5	27	<.05	<5	<1	<3	610	<5	<50	<.01
395514088344901	02-10-87	<5	19	<.05	<5	<1	<3	580	<5	<50	<.01
	02-10-87	<5	18	<.05	<5	<1	<3	580	<5	<50	<.01
395643088433301	02-26-87	44	23	<.05	<5	<1	<3	370	<5	<50	<.01
	02-26-87	--	--	--	--	--	--	--	--	--	-
400044088432901	06-10-86	<5	25	.02	<5	<1	<3	430	<5	<50	<.01
	02-11-87	<5	21	<.05	<5	<1	<3	510	<5	<50	<.01

400046088432801	06-10-86	<5	100	<.01	7	<1	<3	790	<5	150	<.01
400138088341501	02-10-87	<5	66	<.05	<5	<1	<3	360	<5	<50	<.01
400138088341502	02-10-87	<5	41	.05	<5	<1	<3	370	<5	<50	<.01
400138088341601	02-06-85	5	77	.07	<5	<1	<3	490	<5	<50	<.01
400138088341602	02-10-87	<5	72	<.05	<5	<1	<3	360	<5	<50	<.01
400523088305301	02-10-87	<5	30	<.05	<5	<1	<3	400	<5	<50	<.01
400659088385701	02-24-87	<5	21	.06	<5	<1	<3	630	<5	<50	<.01
400700088385601	02-24-87	<5	34	<.05	<5	<1	<3	340	<5	<50	<.01
401240088304101	02-27-87	<5	29	<.05	<5	<1	<3	320	<5	<50	<.01
401244088304101	02-27-87	<5	41	<.05	<5	<1	<3	360	<5	<50	<.01

Pike County

392605090524601	11-20-85	<5	1,100	<.01	<5	<1	<3	160	<5	<50	<.01
392607090524301	11-20-85	<5	1,300	.03	<5	<1	<3	150	<5	<50	<.01
392607090524601	11-20-85	<5	1,200	<.01	<5	1	<3	150	<5	<50	<.01
392628090473101	11-13-86	<5	440	<.05	<5	2	<3	150	<5	<50	<.01
392630090473101	11-13-86	<5	530	<.05	21	<1	<3	170	<5	150	<.01
393116090590101	04-13-87	48	<5	<.05	<5	<1	<3	110	<5	<50	<.01
393117090585901	04-13-87	6	15	<.05	<5	<1	<3	90	<5	<50	<.01
393819091055501	11-19-85	<5	<5	<.01	<5	1	<3	120	<5	<50	<.01
393819091055502	11-19-85	<5	<5	<.01	<5	1	<3	110	<5	<50	<.01
394201091091201	03-04-86	<5	7	<.01	<5	1	<3	130	<5	<50	<.01
394201091091202	03-04-86	<5	<5	<.01	<5	2	<3	140	<5	<50	<.01
394220091123301	03-04-86	<5	1,300	<.01	<5	<1	<3	100	<5	<50	<.01
394536090434901	10-15-86	<5	340	<.05	<5	<1	13	170	7	<50	<.01
394537090434601	10-15-86	<5	350	<.05	<5	<1	7	190	<5	<50	<.01
394553090384701	10-15-86	<5	460	<.05	<5	<1	13	150	6	<50	<.01
	04-14-87	<5	430	<.05	<5	<1	<3	140	<5	<50	<.01
394553090384901	10-15-86	<5	380	<.05	<5	<1	11	110	6	<50	<.01
	04-14-87	<5	380	<.05	<5	<1	6	120	7	<50	<.01
394715090443901	11-13-86	21	170	<.05	<5	<1	<3	100	<5	<50	<.01
394717090444001	11-13-86	<5	50	<.05	10	<1	<3	180	<5	<50	<.01

Pulaski County

371250089133401	03-27-85	<5	100	<.10	6	1	3	370	<5	<50	<.01
371637089105401	03-27-85	<5	140	<.10	<5	1	<3	290	<5	<50	<.01
371737088584501	06-04-86	<5	240	.17	18	<1	<3	100	<5	<50	<.01
	06-04-86	<5	250	.13	16	<1	<3	100	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Peoria County--Continued						
404536089340701	12-05-85	<5	--	--	--	--	--	--	--	--
404554089340401	03-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404555089341901	03-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404606089340701	03-17-86	15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404821089344701	12-10-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404821089344702	12-10-85	<5	--	--	--	--	--	--	--	--
405104089392001	03-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
405113089392101	03-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
405122089393701	03-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
405251089330801	12-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405252089330801	12-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405252089330901	12-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405306089301101	04-29-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405306089301102	04-29-87	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
405508089294401	12-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405508089294801	12-11-85	<5	--	--	--	--	--	--	--	--
405536089300401	04-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
405539089294201	12-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Piatt County						
394754088353401	06-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395339088455201	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395340088455001	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395509088341501	02-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395514088344901	02-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395643088433301	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-26-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400044088432901	06-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

400046088432801	06-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400138088341501	02-10-87	<5	--	--	--	--	--	--	--	--
400138088341502	02-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400138088341601	02-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
400138088341602	02-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400523088305301	02-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400659088385701	02-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400700088385601	02-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401240088304101	02-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401244088304101	02-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Pike County

392605090524601	11-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
392607090524301	11-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
392607090524601	11-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
392628090473101	11-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392630090473101	11-13-86	<5	3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393116090590101	04-13-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393117090585901	04-13-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393819091055501	11-19-85	<5	--	--	--	--	--	--	--	--
393819091055502	11-19-85	<5	--	--	--	--	--	--	--	--
394201091091201	03-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394201091091202	03-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394220091123301	03-04-86	<5	--	--	--	--	--	--	--	--
394536090434901	10-15-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
394537090434601	10-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394553090384701	10-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394553090384901	10-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394715090443901	11-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394717090444001	11-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Pulaski County

371250089133401	03-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
371637089105401	03-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
371737088584501	06-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-04-86	<5	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Peoria County--Continued						
404536089340701	12-05-85	--	--	--	--	--	--	--	--	--
404554089340401	03-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404555089341901	03-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404606089340701	03-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404821089344701	12-10-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404821089344702	12-10-85	--	--	--	--	--	--	--	--	--
405104089392001	03-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
405113089392101	03-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
405122089393701	03-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
405251089330801	12-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405252089330801	12-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405252089330901	12-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405306089301101	04-29-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405306089301102	04-29-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405508089294401	12-11-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405508089294801	12-11-85	--	--	--	--	--	--	--	--	--
405536089300401	04-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405539089294201	12-11-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Piatt County						
394754088353401	06-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395339088455201	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395340088455001	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395509088341501	02-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395514088344901	02-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395643088433301	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400044088432901	06-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

400046088432801	06-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400138088341501	02-10-87	--	--	--	--	--	--	--	--	--
400138088341502	02-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400138088341601	02-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400138088341602	02-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400523088305301	02-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400659088385701	02-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400700088385601	02-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401240088304101	02-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401244088304101	02-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Pike County

392605090524601	11-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392607090524301	11-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392607090524601	11-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392628090473101	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392630090473101	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393116090590101	04-13-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393117090585901	04-13-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393819091055501	11-19-85	--	--	--	--	--	--	--	--	--
393819091055502	11-19-85	--	--	--	--	--	--	--	--	--
394201091091201	03-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394201091091202	03-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394220091123301	03-04-86	--	--	--	--	--	--	--	--	--
394536090434901	10-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394537090434601	10-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394553090384701	10-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394553090384901	10-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394715090443901	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394717090444001	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Pulaski County

371250089133401	03-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
371637089105401	03-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
371737088584501	06-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-04-86	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Putnam County			
411040089124301	06-16-86	1615	McNabb Well No. 2	17002	17002	--
411503089203201	02-04-86	1545	Hennepin Public Water District Well No. 4	17002	17002	65.00
411512089203701	02-04-86	1450	Hennepin Public Water District Well No. 3	17002	17002	62.00
411551089201701	02-04-86	1350	Hennepin Public Water District Well No. 5	17002	17002	67.00
			Rock Island County			
412559090511501	01-08-87	1015	Doyles First Addition Well No. 1	17002	17002	--
413043090234701	01-29-87	1045	Price Mobile Home Park Well No. 1	17002	17002	--
			St. Clair County			
382240089474001	08-28-86	1040	Fayetteville Well No. 1	17002	17002	61.00
382241089474001	08-28-86	1115	Fayetteville Well No. 2	17002	17002	56.00
382251089440901	09-11-86	1130	St. Libory Well No. 1	17002	17002	--
383342089513501	09-15-86	1315	Spring Valley Mobile Home Park Well No. 4	17002	17002	--
383342089513801	09-15-86	1210	Parkview Mobile Home Park Well No. 1	17002	17002	--
383915090024701	07-24-86	1110	Mound Public Water District Well No. 3	17002	17002	--
383916090023501	07-24-86	1030	Mound Public Water District Well No. 1	17002	17002	--
383928090012101	08-05-86	1335	Collinsville Well No. 11	17002	17002	--
	08-05-86	1340	Collinsville Well No. 11	17002	17002	--
	10-08-86	1410	Collinsville Well No. 11	17002	17002	--
			Saline County			
374327088134901	12-18-86	1015	Saline Valley Conservation District Well No. 3	17002	17002	--
374328088134701	12-18-86	0940	Saline Valley Conservation District Well No. 2	17002	17002	--
			Sangamon County			
394528089234201	02-20-86	1045	Mechanicsburg Buffalo Water Commission Well No. 2	17002	17002	--
394529089233701	05-14-87	1420	Mechanicsburg Buffalo Water Commission Well No. 1	17002	17002	--
394749089171501	01-31-86	1130	Borden Chemical Company Well No. 12	17002	17002	--
394757089161101	09-29-86	1030	Borden Chemical Company Well No. 15	17002	17002	--
394805089162601	09-29-86	1125	Borden Chemical Company Well No. 14	17002	17002	--

394805089165701	01-31-86	1225	Borden Chemical Company Well No. 11	17002	17002	--
394810089294201	02-19-86	1210	Dawson Well No. 2	17002	17002	--
394810089294501	02-19-86	1120	Dawson Well No. 1	17002	17002	--
394815089164501	01-31-86	1315	Borden Chemical Company Well No. 10	17002	17002	--
394815089294401	02-19-86	1405	Dawson Well No. 3	17002	17002	--
394816089161601	09-29-86	1100	Borden Chemical Company Well No. 13	17002	17002	--
394821089162501	01-31-86	1410	Borden Chemical Company Well No. 9	17002	17002	--
394907089323401	01-22-86	1340	River Oaks Village Mobile Home Park Well No. 2	17002	17002	--
394911089323401	09-29-86	1355	River Oaks Village Mobile Home Park Well No. 1	17002	17002	--
394926089321301	03-11-86	1140	Riverton Well No. 2	17002	17002	--
394932089321201	03-11-86	1035	Riverton Well No. 4	17002	17002	--
395116089433201	01-22-86	1030	Curran Gardner Public Water District Well No. 1	17002	17002	--
395451089450801	02-03-86	1350	Pleasant Plains Well No. 4	17002	17002	--
395451089451101	02-03-86	1445	Pleasant Plains Well No. 3	17002	17002	--
			Schuyler County			
400109090312301	09-25-86	1105	Rushville Well No. 4	17002	17002	--
400109090312401	09-25-86	1135	Rushville Well No. 5	17002	17002	--
			Scott County			
393652090274001	03-24-86	1330	Winchester Well No. 7	17002	17002	--
393700090274501	03-24-86	1145	Winchester Well No. 10	17002	17002	--
393703090274501	03-24-86	1230	Winchester Well No. 8	17002	17002	--
394212090344901	03-25-86	1220	South Jacksonville Well No. 2	17002	17002	38.00
394213090345501	03-25-86	1115	South Jacksonville Well No. 1	17002	17002	41.00
394509090323401	03-07-86	0950	Bluffs Well No. 4	17002	17002	--
394511090323601	03-07-86	1030	Bluffs Well No. 3	17002	17002	--
394600090360501	02-26-85	1235	Jacksonville Well No. 2	81700	17002	34.00
	12-03-86	1140	Jacksonville Well No. 2	81700	17002	34.00
	05-07-87	1405	Jacksonville Well No. 2	81700	17002	37.00
			Shelby County			
391436088503801	11-18-86	1125	Cowden Well No. 3	17002	17002	35.00
391438088503801	11-18-86	1050	Cowden Well No. 2	17002	17002	36.00
391533088370001	03-05-86	1140	Stewardson Well No. 1	17002	17002	--
	03-05-86	1145	Stewardson Well No. 1	17002	17002	--
392058088501901	03-12-86	1500	Shelbyville Well No. 6	17002	17002	--
392104088501601	03-12-86	1410	Shelbyville Well No. 4	17002	17002	11.00
392233088500201	03-12-86	1250	Shelbyville Well No. 1	17002	17002	--
392234088500201	03-12-86	1200	Shelbyville Well No. 2	17002	17002	--
392310088534601	12-04-86	1115	Tower Hill Well No. 4	17002	17002	--
392637088375601	03-04-86	1145	Windsor Well No. 7	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Putnam County							
411040089124301	06-16-86	555	100	880	7.10	-191	13.0	71	31	100	2.0
411503089203201	02-04-86	22	410	670	7.30	-26	12.0	77	33	19	2.5
411512089203701	02-04-86	>1,440	263	682	7.30	-39	12.5	78	34	18	1.7
411551089201701	02-04-86	37	E610	790	7.30	-56	13.5	80	36	33	2.1
				Rock Island County							
412559090511501	01-08-87	5	35	--	6.90	--	11.0	42	21	99	2.5
413043090234701	01-29-87	5	E15	--	7.10	--	12.5	100	35	38	10
				St. Clair County							
382240089474001	08-28-86	40	E100	530	6.78	-99	16.0	100	28	17	1.4
382241089474001	08-28-86	20	90	545	7.10	-100	15.5	100	29	18	1.4
382251089440901	09-11-86	25	--	370	7.00	-107	15.0	110	33	49	1.0
383342089513501	09-15-86	25	--	365	6.50	498	18.5	130	56	25	.5
383342089513801	09-15-86	20	--	195	6.80	759	18.0	23	9.5	73	.5
383915090024701	07-24-86	30	200	880	6.80	-132	15.5	110	47	20	2.1
383916090023501	07-24-86	30	E90	865	7.00	-128	15.0	110	46	19	2.1
383928090012101	08-05-86	--	E900	1,190	6.90	-64	15.0	160	64	57	2.0
	08-05-86	--	E900	1,190	6.90	-64	15.0	160	64	59	1.9
	10-08-86	--	--	--	--	--	--	--	--	--	--
				Saline County							
374327088134901	12-18-86	>1,440	E820	490	7.10	-83	15.5	78	28	7.1	.4
374328088134701	12-18-86	760	E820	450	7.20	-76	14.5	71	25	5.4	<.3
				Sangamon County							
394528089234201	02-20-86	--	1,000	660	7.10	-112	8.5	88	39	12	.7
394529089233701	05-14-87	--	E150	--	--	--	--	--	--	--	--
394749089171501	01-31-86	330	160	680	7.10	-119	13.5	90	35	8.8	1.1
394757089161101	09-29-86	>1,440	220	600	7.00	-135	14.5	79	29	9.4	1.0
394805089162601	09-29-86	135	E180	1,180	7.00	-132	16.0	100	36	110	4.0

394805089165701	01-31-86	385	175	775	7.10	-132	13.0	96	39	15	1.2
394810089294201	02-19-86	45	E85	735	7.40	73	13.0	82	36	18	1.2
394810089294501	02-19-86	50	E85	705	7.10	-97	14.0	85	38	23	1.5
394815089164501	01-31-86	435	E185	755	7.00	-124	13.5	92	38	16	1.4
394815089294401	02-19-86	55	E125	640	7.00	-147	6.5	87	38	11	2.1
394816089161601	09-29-86	>1,440	E250	800	6.90	-117	14.0	110	35	17	1.0
394821089162501	01-31-86	490	195	1,020	7.00	-90	13.5	120	48	26	1.2
394907089323401	01-22-86	30	E120	685	6.90	-32	14.5	88	37	12	1.2
394911089323401	09-29-86	27	E100	670	7.20	-87	15.0	88	36	10	.8
394926089321301	03-11-86	55	E135	545	7.00	-62	12.5	99	31	12	1.4
394932089321201	03-11-86	230	E150	450	7.20	-117	13.0	71	26	10	1.2
395116089433201	01-22-86	180	E275	540	7.20	71	12.0	64	27	14	1.0
395451089450801	02-03-86	50	--	500	7.00	-95	13.5	59	25	5.8	.4
395451089451101	02-03-86	45	E180	665	7.10	-161	13.5	85	31	7.7	.6
				Schuyler County							
400109090312301	09-25-86	55	400	300	7.40	-81	14.0	80	29	8.9	1.3
400109090312401	09-25-86	20	500	270	6.90	-140	13.5	95	35	9.2	.9
				Scott County							
393652090274001	03-24-86	390	80	720	7.20	-79	13.5	91	36	18	.6
393700090274501	03-24-86	285	80	860	6.80	-137	13.0	110	43	11	1.0
393703090274501	03-24-86	330	80	790	6.80	-151	13.0	100	37	20	.9
394212090344901	03-25-86	260	435	600	7.20	-74	14.0	79	29	7.5	2.6
394213090345501	03-25-86	--	370	560	7.20	46	12.5	75	27	6.5	1.5
394509090323401	03-07-86	50	250	900	7.00	-58	13.0	120	51	13	.8
394511090323601	03-07-86	1,650	250	965	7.00	-85	13.5	120	51	28	.7
394600090360501	02-26-85	>1,440	960	605	7.00	-92	13.5	72	26	15	1.9
	12-03-86	1,440	1,060	620	7.00	-61	13.0	75	28	13	1.2
	05-07-87	1,440	952	630	7.20	-89	12.5	81	29	12	1.1
				Shelby County							
391436088503801	11-18-86	30	E100	670	7.00	109	14.0	93	34	8.7	.4
391438088503801	11-18-86	230	E100	680	7.00	120	14.0	94	36	12	.5
391533088370001	03-05-86	220	150	625	7.00	-97	13.5	80	24	52	.7
	03-05-86	225	150	625	7.00	--	13.5	81	24	52	.7
392058088501901	03-12-86	50	--	520	7.10	-9	13.0	89	30	4.7	1.1
392104088501601	03-12-86	50	--	480	7.10	-24	11.5	83	29	6.7	1.7
392233088500201	03-12-86	140	--	675	7.20	-73	13.0	94	41	34	2.4
392234088500201	03-12-86	90	--	620	7.10	--	13.0	88	37	36	2.4
392310088534601	12-04-86	135	65	695	7.50	-84	11.5	98	35	26	.9
392637088375601	03-04-86	285	100	795	7.40	-99	9.0	76	39	79	3.8

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Putnam County						
411040089124301	06-16-86	512	512	<10	12	0.4	--	529	<0.10	5.90	0.55
411503089203201	02-04-86	296	288	45	15	.3	15	459	7.10	<.10	.01
411512089203701	02-04-86	303	293	52	15	.3	15	485	4.90	<.10	<.01
411551089201701	02-04-86	275	274	61	70	.3	15	508	1.50	<.10	<.01
					Rock Island County						
412559090511501	01-08-87	--	355	25	5.2	.5	10	526	.11	.68	<.01
413043090234701	01-29-87	--	258	170	47	.2	24	528	1.10	.64	.02
					St. Clair County						
382240089474001	08-28-86	414	--	<10	3.9	.2	--	310	<.10	3.10	.61
382241089474001	08-28-86	392	--	<10	7.2	.2	--	381	<.10	2.60	.51
382251089440901	09-11-86	308	--	74	99	.3	--	648	<.10	.19	.08
383342089513501	09-15-86	360	360	200	29	.2	--	746	.93	<.10	<.01
383342089513801	09-15-86	225	360	19	22	.6	--	398	<.10	<.10	.04
383915090024701	07-24-86	354	354	130	25	.2	--	607	<.10	<.10	.17
383916090023501	07-24-86	350	350	130	23	.2	25	635	<.10	<.10	.17
383928090012101	08-05-86	--	355	300	64	.2	24	911	2.40	<.10	.10
	08-05-86	--	356	300	65	.2	24	940	2.60	<.10	.10
	10-08-86	--	--	--	--	--	--	--	--	--	--
					Saline County						
374327088134901	12-18-86	--	289	28	8.2	.2	21	--	<.10	<.10	.14
374328088134701	12-18-86	--	253	25	4.6	.2	20	--	.13	<.10	.12
					Sangamon County						
394528089234201	02-20-86	291	296	55	49	.2	14	449	<.10	<.10	.06
394529089233701	05-14-87	--	--	--	--	--	--	--	--	--	--
394749089171501	01-31-86	295	295	72	19	.2	11	479	.51	.17	.10
394757089161101	09-29-86	281	281	41	19	.2	--	361	.13	.54	.26
394805089162601	09-29-86	289	289	100	160	.3	--	734	<.10	1.40	.44

394805089165701	01-31-86	298	293	100	33	.2	11	515	.46	.12	.10
394810089294201	02-19-86	262	278	65	44	1.0	12	450	1.20	<.10	<.01
394810089294501	02-19-86	271	274	68	54	4.5	15	493	.91	<.10	.03
394815089164501	01-31-86	--	285	84	44	.2	11	504	.52	<.10	.07
394815089294401	02-19-86	273	283	71	37	.1	12	453	<.10	<.10	.03
394816089161601	09-29-86	362	362	62	38	.2	--	593	<.10	.39	.17
394821089162501	01-31-86	--	321	93	110	.1	14	689	1.80	.16	.06
394907089323401	01-22-86	316	323	56	20	.2	16	510	.20	<.10	.06
394911089323401	09-29-86	--	320	58	17	.2	--	535	.11	<.10	.09
394926089321301	03-11-86	315	301	60	27	.2	10	459	1.00	.32	.02
394932089321201	03-11-86	196	220	58	20	.1	9.9	369	1.00	.22	.09
395116089433201	01-22-86	209	224	43	27	.2	12	385	2.60	<.10	.03
395451089450801	02-03-86	257	197	37	11	.1	15	362	5.30	.14	.20
395451089451101	02-03-86	249	237	110	15	.1	14	491	1.80	.23	.41
					Schuyler County						
400109090312301	09-25-86	--	272	36	14	.2	--	353	4.10	<.10	.35
400109090312401	09-25-86	--	347	37	12	.2	--	391	.84	.17	.24
					Scott County						
393652090274001	03-24-86	--	367	32	18	.3	19	447	<.10	.67	.25
393700090274501	03-24-86	--	421	36	22	.1	20	522	<.10	.88	.43
393703090274501	03-24-86	--	386	24	27	.2	19	468	<.10	.89	.54
394212090344901	03-25-86	--	248	50	14	.1	16	409	6.20	<.10	.02
394213090345501	03-25-86	--	261	38	10	.1	16	377	2.50	<.10	.02
394509090323401	03-07-86	403	402	130	15	.2	14	623	.78	<.10	.02
394511090323601	03-07-86	375	364	170	26	.2	13	679	.23	.10	.03
394600090360501	02-26-85	253	238	48	25	.2	15	363	1.20	.13	.05
	12-03-86	--	253	49	22	.2	--	377	.79	.24	.05
	05-07-87	--	256	46	20	.2	14	368	1.10	.23	.17
					Shelby County						
391436088503801	11-18-86	--	269	61	23	<.1	16	632	8.20	<.10	.01
391438088503801	11-18-86	--	301	60	20	<.1	14	558	5.60	<.10	.02
391533088370001	03-05-86	283	289	84	32	.2	18	268	<.10	<.10	.09
	03-05-86	283	289	84	32	.2	18	474	<.10	<.10	.09
392058088501901	03-12-86	286	283	21	13	.1	16	403	9.00	<.10	.02
392104088501601	03-12-86	286	283	30	16	<.1	12	379	2.20	<.10	.01
392233088500201	03-12-86	392	376	45	32	.2	16	518	2.20	.35	.01
392234088500201	03-12-86	363	351	49	37	.1	17	495	1.50	.11	<.01
392310088534601	12-04-86	--	303	130	15	.1	16	557	<.10	.24	.08
392637088375601	03-04-86	--	570	<10	5.3	.6	20	542	<.10	12.0	.60

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Putnam County						
411040089124301	06-16-86	<50	24	400	<2.0	310	<3	7	<5	<5	2,400
411503089203201	02-04-86	<50	<1	200	<.5	90	<3	<5	<5	<5	<50
411512089203701	02-04-86	<50	<1	200	<.5	100	<3	<5	<5	<5	60
411551089201701	02-04-86	<50	1	200	<.5	120	<3	<5	<5	<5	<50
					Rock Island County						
412559090511501	01-08-87	<50	<1	100	<.5	240	<3	<5	<5	8	<50
413043090234701	01-29-87	<50	<1	50	<.5	390	<3	<5	5	7	<50
					St. Clair County						
382240089474001	08-28-86	<50	<1	200	8.0	<50	<3	10	10	<5	5,800
382241089474001	08-28-86	230	<1	200	6.0	<50	<3	6	20	<5	5,000
382251089440901	09-11-86	<50	<1	100	<.5	<50	<3	<5	7	7	2,000
383342089513501	09-15-86	120	<1	70	<.5	<50	3	6	9	420	120
383342089513801	09-15-86	<50	<1	50	<.5	210	<3	7	6	15	100
383915090024701	07-24-86	<50	<1	400	<.5	<50	<3	<5	<5	<5	4,500
383916090023501	07-24-86	<50	<1	400	<.5	<50	<3	<5	5	<5	4,200
383928090012101	08-05-86	50	<1	80	11	520	<3	<5	<5	<5	1,100
	08-05-86	<50	<1	80	12	540	<3	<5	<5	<5	1,100
	10-08-86	--	--	--	--	--	--	--	--	--	--
					Saline County						
374327088134901	12-18-86	<50	6	40	<.5	<50	<3	<5	<5	<5	2,400
374328088134701	12-18-86	<50	3	30	<.5	<50	<3	<5	<5	<5	2,300
					Sangamon County						
394528089234201	02-20-86	<50	<1	90	<.5	<50	<3	<5	5	5	1,600
394529089233701	05-14-87	--	--	--	--	--	--	--	--	--	--
394749089171501	01-31-86	<50	1	60	<.5	<50	<3	<5	<5	<5	2,100
394757089161101	09-29-86	<50	<1	90	<.5	<50	<3	<5	<5	<5	3,000
394805089162601	09-29-86	<50	3	200	<.5	50	<3	<5	<5	7	3,900

394805089165701	01-31-86	<50	2	70	<.5	<50	<3	<5	<5	<5	2,600
394810089294201	02-19-86	<50	<1	30	<.5	<50	<3	<5	6	<5	<50
394810089294501	02-19-86	<50	<1	50	<.5	<50	<3	<5	7	<5	850
394815089164501	01-31-86	<50	1	70	<.5	<50	<3	<5	<5	<5	2,100
394815089294401	02-19-86	<50	<1	90	<.5	<50	<3	<5	<5	<5	650
394816089161601	09-29-86	<50	1	100	<.5	<50	<3	<5	<5	<5	3,400
394821089162501	01-31-86	<50	1	100	<.5	<50	<3	<5	<5	<5	2,000
394907089323401	01-22-86	<50	<1	70	<.5	<50	<3	<5	<5	<5	770
394911089323401	09-29-86	<50	<1	60	<.5	<50	<3	<5	<5	<5	530
394926089321301	03-11-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	1,100
394932089321201	03-11-86	<50	<1	50	<.5	<50	<3	<5	<5	<5	1,100
395116089433201	01-22-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	<50
395451089450801	02-03-86	<50	7	70	<.5	<50	<3	<5	<5	<5	1,900
395451089451101	02-03-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	5,900
					Schuyler County						
400109090312301	09-25-86	<50	<1	70	<.5	<50	<3	9	<5	22	440
400109090312401	09-25-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	2,500
					Scott County						
393652090274001	03-24-86	<50	<1	200	<.5	60	<3	<5	<5	<5	3,100
393700090274501	03-24-86	<50	28	100	<.5	<50	<3	<5	<5	<5	11,000
393703090274501	03-24-86	<50	11	100	<.5	<50	<3	<5	<5	<5	11,000
394212090344901	03-25-86	<50	<1	50	<.5	<50	<3	<5	<5	<5	820
394213090345501	03-25-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	<50
394509090323401	03-07-86	<50	<1	90	<.5	140	<3	<5	<5	<5	970
394511090323601	03-07-86	<50	<1	100	<.5	370	<3	<5	<5	100	1,500
394600090360501	02-26-85	<50	4	80	<.5	<50	<3	<5	<5	<5	2,800
	12-03-86	<50	4	100	<.5	<50	<3	<5	5	<5	3,500
	05-07-87	<50	5	90	<.5	<50	<3	<5	8	<5	3,400
					Shelby County						
391436088503801	11-18-86	<50	<1	50	<.5	<50	<3	<5	<5	<5	60
391438088503801	11-18-86	<50	<1	70	<.5	<50	<3	<5	6	<5	140
391533088370001	03-05-86	<50	1	90	<.5	<50	<3	<5	<5	<5	1,800
	03-05-86	<50	1	90	<.5	<50	<3	<5	<5	<5	1,800
392058088501901	03-12-86	<50	<1	40	<.5	<50	<3	<5	7	<5	270
392104088501601	03-12-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	80
392233088500201	03-12-86	<50	3	80	<.5	120	<3	<5	6	<5	870
392234088500201	03-12-86	<50	2	80	<.5	150	<3	<5	<5	<5	190
392310088534601	12-04-86	<50	1	60	<.5	70	<3	<5	5	<5	3,800
392637088375601	03-04-86	<50	9	200	<.5	680	<3	<5	<5	<5	6,300

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Putnam County						
411040089124301	06-16-86	<5	39	<0.01	9	<1	<3	500	<5	<50	<0.01
411503089203201	02-04-86	<5	<5	<.01	<5	2	<3	180	<5	<50	<.01
411512089203701	02-04-86	<5	130	<.01	<5	3	<3	280	<5	<50	<.01
411551089201701	02-04-86	<5	230	.03	<5	3	<3	350	<5	<50	<.01
					Rock Island County						
412559090511501	01-08-87	<5	6	<.05	<5	<1	<3	270	<5	<100	<.01
413043090234701	01-29-87	<5	17	.17	<5	1	<3	290	<5	<50	<.01
					St. Clair County						
382240089474001	08-28-86	<5	180	<.01	5	<1	<3	290	<5	<50	<.01
382241089474001	08-28-86	<5	180	<.01	<5	<1	<3	280	<5	<50	<.01
382251089440901	09-11-86	<5	430	.13	12	<1	8	220	5	<50	<.01
383342089513501	09-15-86	31	60	<.05	12	<1	10	290	8	270	<.01
383342089513801	09-15-86	<5	75	.09	13	<1	7	100	5	<50	<.01
383915090024701	07-24-86	<5	520	<.01	37	<1	<3	210	<5	<50	<.01
383916090023501	07-24-86	<5	660	<.01	27	<1	<3	200	<5	<50	<.01
383928090012101	08-05-86	<5	580	<.01	11	<1	<3	240	<5	<50	<.01
	08-05-86	<5	590	.10	7	<1	<3	240	<5	<50	<.01
	10-08-86	--	--	--	--	--	--	--	--	--	--
					Saline County						
374327088134901	12-18-86	5	120	<.05	<5	<1	<3	80	<5	<50	<.01
374328088134701	12-18-86	<5	80	<.50	<5	<1	<3	70	<5	<50	<.01
					Sangamon County						
394528089234201	02-20-86	<5	260	<.01	<5	<1	<3	130	<5	<50	<.01
394529089233701	05-14-87	--	--	--	--	--	--	--	--	--	--
394749089171501	01-31-86	<5	380	<.01	<5	<1	<3	110	<5	<50	<.01
394757089161101	09-29-86	<5	500	.11	<5	<1	<3	100	<5	<50	<.01
394805089162601	09-29-86	<5	760	.05	9	<1	<3	140	<5	<50	<.01

394805089165701	01-31-86	<5	600	<.01	<5	1	<3	130	<5	<50	<.01
394810089294201	02-19-86	<5	11	<.01	<5	<1	<3	100	<5	<50	<.01
394810089294501	02-19-86	<5	540	.02	<5	1	<3	110	<5	<50	<.01
394815089164501	01-31-86	<5	510	<.01	<5	2	<3	120	<5	<50	<.01
394815089294401	02-19-86	<5	800	<.01	<5	1	<3	130	<5	<50	<.01
394816089161601	09-29-86	<5	420	<.05	<5	<1	<3	120	<5	<50	<.01
394821089162501	01-31-86	<5	290	<.01	<5	1	<3	160	<5	<50	<.01
394907089323401	01-22-86	<5	410	.06	<5	1	<3	140	<5	<50	<.01
394911089323401	09-29-86	<5	340	.05	<5	1	<3	120	<5	<50	<.01
394926089321301	03-11-86	<5	530	<.01	<5	<1	4	150	<5	<50	<.01
394932089321201	03-11-86	<5	350	<.01	<5	<1	4	80	<5	<50	<.01
395116089433201	01-22-86	<5	19	<.01	<5	1	<3	100	<5	<50	<.01
395451089450801	02-03-86	<5	150	<.01	<5	1	<3	100	<5	<50	<.01
395451089451101	02-03-86	<5	830	<.01	<5	2	3	130	<5	<50	<.01
					Schuyler County						
400109090312301	09-25-86	<5	320	<.05	<5	<1	5	120	<5	<50	<.01
400109090312401	09-25-86	<5	210	<.05	<5	<1	<3	150	<5	<50	<.01
					Scott County						
393652090274001	03-24-86	<5	130	<.01	<5	<1	<3	240	<5	<50	<.01
393700090274501	03-24-86	<5	290	<.01	<5	<1	<3	220	<5	<50	<.01
393703090274501	03-24-86	<5	400	<.01	<5	<1	<3	220	<5	<50	<.01
394212090344901	03-25-86	<5	210	<.01	<5	1	<3	110	<5	<50	<.01
394213090345501	03-25-86	<5	<5	<.01	<5	1	<3	100	<5	<50	<.01
394509090323401	03-07-86	<5	210	<.01	<5	<1	<3	150	<5	<50	<.01
394511090323601	03-07-86	<5	320	<.01	<5	<1	<3	140	<5	<50	<.01
394600090360501	02-26-85	<5	280	<.10	7	<1	<3	110	<5	<50	<.01
	12-03-86	<5	320	<.05	<5	<1	<3	110	<5	<50	<.01
	05-07-87	<5	330	<.05	8	<1	<3	120	<5	<50	<.01
					Shelby County						
391436088503801	11-18-86	<5	87	<.05	<5	3	<3	120	<5	<50	<.01
391438088503801	11-18-86	<5	190	<.05	<5	2	<3	140	<5	<50	<.01
391533088370001	03-05-86	<5	240	.01	<5	<1	<3	170	<5	<50	<.01
	03-05-86	<5	250	<.01	<5	<1	<3	170	<5	<50	<.01
392058088501901	03-12-86	<5	29	<.01	<5	<1	<3	70	<5	<50	<.01
392104088501601	03-12-86	<5	44	<.01	<5	<1	<3	90	<5	<50	<.01
392233088500201	03-12-86	<5	150	<.01	<5	<1	<3	430	<5	<50	<.01
392234088500201	03-12-86	<5	88	<.01	<5	--	<3	340	<5	<50	<.01
392310088534601	12-04-86	<5	270	<.05	<5	<1	<3	260	<5	<50	<.01
392637088375601	03-04-86	<5	84	.01	<5	1	<3	1,300	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Putnam County						
411040089124301	06-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411503089203201	02-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
411512089203701	02-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
411551089201701	02-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
				Rock Island County						
412559090511501	01-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413043090234701	01-29-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				St. Clair County						
382240089474001	08-28-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
382241089474001	08-28-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
382251089440901	09-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383342089513501	09-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383342089513801	09-15-86	<5	33	26	18	2.0	<1.0	<1.0	<1.0	<1.0
383915090024701	07-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383916090023501	07-24-86	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383928090012101	08-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-05-86	<5	--	--	--	--	--	--	--	--
	10-08-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Saline County						
374327088134901	12-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
374328088134701	12-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Sangamon County						
394528089234201	02-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394529089233701	05-14-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394749089171501	01-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
394757089161101	09-29-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
394805089162601	09-29-86	<5	--	--	--	--	--	--	--	--

394805089165701	01-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
394810089294201	02-19-86	<5	--	--	--	--	--	--	--	--
394810089294501	02-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394815089164501	01-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
394815089294401	02-19-86	<5	9.9	2.8	5.5	5.4	<1.0	<1.0	<1.0	<1.0
394816089161601	09-29-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
394821089162501	01-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
394907089323401	01-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394911089323401	09-29-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
394926089321301	03-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
394932089321201	03-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395116089433201	01-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395451089450801	02-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
395451089451101	02-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
					Schuyler County					
400109090312301	09-25-86	<5	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0
400109090312401	09-25-86	<5	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0
					Scott County					
393652090274001	03-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393700090274501	03-24-86	15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393703090274501	03-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394212090344901	03-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394213090345501	03-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394509090323401	03-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
394511090323601	03-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
394600090360501	02-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-07-87	<5	--	--	--	--	--	--	--	--
					Shelby County					
391436088503801	11-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391438088503801	11-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391533088370001	03-05-86	<5	--	--	--	--	--	--	--	--
	03-05-86	<5	--	--	--	--	--	--	--	--
392058088501901	03-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
392104088501601	03-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392233088500201	03-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
392234088500201	03-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
392310088534601	12-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392637088375601	03-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Putnam County					
411040089124301	06-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411503089203201	02-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411512089203701	02-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411551089201701	02-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Rock Island County					
412559090511501	01-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413043090234701	01-29-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					St. Clair County					
382240089474001	08-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
382241089474001	08-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
382251089440901	09-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0
383342089513501	09-15-86	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383342089513801	09-15-86	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383915090024701	07-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
383916090023501	07-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383928090012101	08-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-05-86	--	--	--	--	--	--	--	--	--
	10-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Saline County					
374327088134901	12-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
374328088134701	12-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Sangamon County					
394528089234201	02-20-86	<1.0	<1.0	<1.0	3.6	<1.0	<1.0	<1.0	<1.0	<1.0
394529089233701	05-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394749089171501	01-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394757089161101	09-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394805089162601	09-29-86	--	--	--	--	--	--	--	--	--

394805089165701	01-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394810089294201	02-19-86	--	--	--	--	--	--	--	--	--
394810089294501	02-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394815089164501	01-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394815089294401	02-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394816089161601	09-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394821089162501	01-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394907089323401	01-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394911089323401	09-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394926089321301	03-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394932089321201	03-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395116089433201	01-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395451089450801	02-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395451089451101	02-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Schuyler County					
400109090312301	09-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400109090312401	09-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Scott County					
393652090274001	03-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393700090274501	03-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393703090274501	03-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394212090344901	03-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394213090345501	03-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394509090323401	03-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394511090323601	03-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394600090360501	02-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-07-87	--	--	--	--	--	--	--	--	--
					Shelby County					
391436088503801	11-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391438088503801	11-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
391533088370001	03-05-86	--	--	--	--	--	--	--	--	--
	03-05-86	--	--	--	--	--	--	--	--	--
392058088501901	03-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
392104088501601	03-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392233088500201	03-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
392234088500201	03-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
392310088534601	12-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
392637088375601	03-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Shelby County--Continued			
392641088375401	03-04-86	1220	Windsor Well No. 5	17002	17002	--
393105088450601	03-06-86	1135	Findlay Well No. 1	17002	17002	116.00
393108088450401	03-06-86	1300	Findlay Well No. 2	17002	17002	--
393919089011901	05-22-86	1050	Moweaqua Well No. 16	17002	17002	--
394034089040201	05-22-86	1225	Moweaqua Well No. 18	17002	17002	--
394034089040601	05-22-86	1150	Moweaqua Well No. 19	17002	17002	--
			Stephenson County			
421826089374301	04-02-85	0930	Freeport Well No. 7	81700	17002	28.00
	06-04-85	1040	Freeport Well No. 7	17002	17002	31.00
	02-27-86	1150	Freeport Well No. 7	17002	17002	--
421826089374401	12-09-85	1445	Freeport Well No. 5	17002	17002	27.00
	02-27-86	1230	Freeport Well No. 5	17002	17002	--
			Tazewell County			
402024089184501	02-28-85	1025	Armington Well No. 2	81700	17002	41.20
402024089184601	01-09-86	1130	Armington Well No. 1	17002	17002	--
402222089323701	06-10-87	1030	Delavan Well No. 3	17002	17002	--
402427089383201	06-09-87	0945	Green Valley Well No. 1	17002	17002	--
402427089383202	06-09-87	1015	Green Valley Well No. 2	17002	17002	--
402517089244901	01-08-86	1510	Hopedale Well No. 4	17002	17002	152.00
402519089244301	01-08-86	1345	Hopedale Well No. 5	17002	17002	--
402552089305401	06-09-87	1215	Venado Lakes - Argyl Water Association Well No. 2	17002	17002	--
402602089185101	06-08-87	0815	Minier Well No. 4	17002	17002	--
402810089274701	06-08-87	1015	Hickory Hills Subdivision Well No. 61 (Local No. 1)	17002	17002	--
402810089274901	06-08-87	1030	Hickory Hills Subdivision Well No. 62 (Local No. 2)	17002	17002	--
402941089391601	06-10-87	1155	South Pekin Well No. 4	17002	17002	--
403124089290101	01-06-86	1410	Tremont Well No. 7	17002	17002	--
403159089221701	06-09-86	1105	Mackinaw Well No. 5	17002	17002	39.00
403159089221801	12-16-85	1010	Mackinaw Well No. 4	17002	17002	17.00

	06-09-86	1035	Mackinaw Well No. 4	17002	17002	10.00
	10-07-86	1055	Mackinaw Well No. 4	17002	17002	25.50
	03-11-87	0930	Mackinaw Well No. 4	17002	17002	--
	06-30-87	1230	Mackinaw Well No. 4	17002	17002	--
403159089221802	12-16-85	1100	Mackinaw Well No. 3	17002	17002	18.00
	06-09-86	0955	Mackinaw Well No. 3	17002	17002	12.00
403211089380601	06-16-87	1215	Gloraine Acres Waterworks Company Well No. 1	17002	17002	--
403327089392001	01-13-86	1350	Illinois American Water Company Pekin Well No. 7	17002	17002	70.00
403402089390101	01-13-86	1455	Illinois American Water Company Pekin Well No. 1	17002	17002	31.00
403402089390102	01-13-86	1100	Illinois American Water Company Pekin Well No. 3	17002	17002	--
403404089390701	03-27-86	0955	Illinois American Water Company Pekin Well No. 2	17002	17002	30.00
403432089380901	03-27-86	1115	Illinois American Water Company Pekin Well No. 5	17002	17002	278.00
	03-27-86	1120	Illinois American Water Company Pekin Well No. 5	17002	17002	278.00
403432089380902	03-27-86	1215	Illinois American Water Company Pekin Well No. 6	17002	17002	72.00
403553089381501	01-13-86	1230	Illinois American Water Company Pekin Well No. 8	17002	17002	63.00
403611089371101	06-16-87	1015	Groveland Township Water District Well No. 1	17002	17002	--
403612089371201	06-16-87	1045	Groveland Township Water District Well No. 2	17002	17002	--
403623089282301	01-27-86	1055	Morton Well No. 8	17002	17002	--
403623089282301	01-27-86	1100	Morton Well No. 8	17002	17002	--
403624089281601	04-08-86	1035	Morton Well No. 6	17002	17002	210.00
403626089282001	03-12-85	1015	Morton Well No. 5	81700	17002	212.50
403626089282201	01-07-86	1235	Morton Well No. 9	17002	17002	--
403628089281801	04-08-86	0950	Morton Well No. 7	17002	17002	220.00
	04-08-86	0950	Morton Well No. 7	17002	17002	220.00
403630089282101	04-08-86	1150	Morton Well No. 10	17002	17002	--
403639089371801	12-19-85	1055	North Pekin Well No. 2	17002	17002	--
403640089274901	04-08-86	1255	Morton Well No. 3	17002	17002	218.00
	04-08-86	1305	Morton Well No. 3	17002	17002	218.00
403641089275101	04-08-86	1345	Morton Well No. 4	17002	17002	208.00
403651089243301	01-07-86	1450	Mayfair Subdivision Well No. 1	17002	17002	--
403720089371701	06-15-87	1030	Marquette Heights Well No. 4	17002	17002	--
403721089371901	06-15-87	0955	Marquette Heights Well No. 5	17002	17002	--
403737089195201	01-06-86	1205	Deer Creek Well No. 4	17002	17002	--
403737089195401	01-06-86	1055	Deer Creek Well No. 3	17002	17002	--
403758089370801	02-05-87	1015	Creve Coeur Well No. 3	17002	17002	--
	06-04-87	0930	Creve Coeur Well No. 3	17002	17002	--
403759089370401	02-05-87	1120	Creve Coeur Well No. 1	17002	17002	--
	02-05-87	1125	Creve Coeur Well No. 1	17002	17002	--
403759089370601	02-05-87	1045	Creve Coeur Well No. 4	17002	17002	--
403957089331501	03-23-87	1015	East Peoria Well No. 23	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Shelby County--Continued							
392641088375401	03-04-86	220	100	795	7.40	-96	9.0	75	39	78	3.7
393105088450601	03-06-86	215	E165	915	7.10	-146	13.5	55	27	150	4.3
393108088450401	03-06-86	60	150	945	6.80	-158	14.0	56	28	160	4.4
393919089011901	05-22-86	30	E75	530	7.20	13	15.0	62	27	12	1.3
394034089040201	05-22-86	70	250	495	7.30	-124	13.5	61	26	12	.8
394034089040601	05-22-86	35	250	495	7.30	-115	13.5	62	27	12	.8
				Stephenson County							
421826089374301	04-02-85	210	2,700	920	6.90	-80	11.5	120	48	16	3.0
	06-04-85	120	2,000	845	7.00	-145	12.0	--	--	--	--
	02-27-86	50	2,000	895	7.00	-52	10.0	--	--	--	--
421826089374401	12-09-85	180	E3,000	787	5.90	-122	11.0	100	43	15	2.2
	02-27-86	30	3,000	765	7.00	-12	10.0	--	--	--	--
				Tazewell County							
402024089184501	02-28-85	140	112	590	7.00	-135	14.0	67	32	12	1.2
402024089184601	01-09-86	165	65	--	6.80	-167	13.5	66	32	7.0	1.0
402222089323701	06-10-87	25	455	280	7.00	--	13.5	75	32	14	1.4
402427089383201	06-09-87	25	E105	--	7.40	--	15.0	75	32	6.0	1.3
402427089383202	06-09-87	15	280	130	7.20	--	13.5	77	32	4.3	1.6
402517089244901	01-08-86	70	240	615	7.40	-200	13.5	63	35	21	1.9
402519089244301	01-08-86	--	280	615	7.50	-197	13.5	61	34	20	2.0
402552089305401	06-09-87	10	E20	--	7.40	--	14.0	87	38	6.4	1.8
402602089185101	06-08-87	135	220	170	--	-165	13.5	72	34	17	1.8
402810089274701	06-08-87	5	E15	240	--	-175	13.5	83	35	4.4	.9
402810089274901	06-08-87	5	E15	230	--	-175	13.5	84	38	7.3	1.1
402941089391601	06-10-87	25	475	455	7.10	--	14.0	97	35	8.7	2.1
403124089290101	01-06-86	370	600	780	7.20	-166	13.0	74	46	26	2.4
403159089221701	06-09-86	185	350	1,240	6.90	--	12.0	77	37	69	2.0
403159089221801	12-16-85	70	70	940	6.90	145	13.0	110	44	45	2.0

	06-09-86	215	75	1,300	6.80	--	11.0	--	--	--	--
	10-07-86	175	75	3,000	6.80	50	13.0	240	83	980	4.0
	03-11-87	10	75	--	6.80	50	13.0	120	46	80	2.7
	06-30-87	15	E75	--	--	--	--	--	--	--	--
403159089221802	12-16-85	45	E70	900	7.00	138	12.5	100	43	42	22
	06-09-86	175	70	1,010	6.60	84	11.0	77	37	69	2.0
403211089380601	06-16-87	15	92	740	6.60	--	13.5	98	42	11	1.6
403327089392001	01-13-86	65	1,600	665	7.50	364	13.5	64	29	47	1.2
403402089390101	01-13-86	70	E1,750	1,010	7.20	268	14.0	120	42	39	6.5
403402089390102	01-13-86	300	1,750	1,020	7.20	596	15.0	120	48	44	3.6
403404089390701	03-27-86	--	1,880	935	7.00	143	14.5	120	45	34	4.1
403432089380901	03-27-86	--	1,700	1,250	7.00	183	14.5	140	57	73	2.3
	03-27-86	--	1,700	1,250	7.00	183	14.5	130	56	73	2.3
403432089380902	03-27-86	60	1,700	1,490	7.10	141	15.0	140	56	140	2.4
403553089381501	01-13-86	60	E1,750	735	7.30	340	13.0	89	40	11	2.3
403611089371101	06-16-87	75	180	870	7.00	--	13.0	100	43	32	3.5
403612089371201	06-16-87	20	180	740	7.20	--	12.5	85	41	21	3.0
403623089282301	01-27-86	65	E600	685	7.50	-182	13.0	68	38	38	2.4
403623089282301	01-27-86	70	E600	685	7.50	-181	13.0	68	38	38	2.4
403624089281601	04-08-86	>1,440	450	755	7.30	-181	13.5	71	38	49	2.6
403626089282001	03-12-85	55	--	745	7.50	-202	13.0	67	37	45	2.7
403626089282201	01-07-86	215	635	740	7.30	-186	13.0	91	47	31	2.4
403628089281801	04-08-86	230	E750	740	7.30	-175	13.5	71	38	49	2.6
	04-08-86	230	750	740	7.30	-180	13.5	--	--	--	--
403630089282101	04-08-86	350	635	720	7.30	-182	13.0	74	39	43	2.3
403639089371801	12-19-85	235	475	775	7.10	188	13.0	98	43	14	1.7
403640089274901	04-08-86	355	E600	765	7.40	-184	13.5	72	39	48	2.3
	04-08-86	355	E600	765	7.40	-184	13.5	72	39	48	2.4
403641089275101	04-08-86	465	600	755	7.40	-184	13.5	71	38	49	2.4
403651089243301	01-07-86	80	65	600	7.30	-156	13.0	74	36	6.6	1.5
403720089371701	06-15-87	25	400	2,050	6.80	--	13.5	--	--	--	--
403721089371901	06-15-87	175	350	1,650	6.40	--	13.5	130	72	140	4.6
403737089195201	01-06-86	65	E30	520	7.30	-172	13.0	65	27	2.7	1.1
403737089195401	01-06-86	235	150	520	7.40	-169	13.0	65	27	3.5	1.1
403758089370801	02-05-87	20	750	650	6.80	--	12.5	150	66	63	5.8
	06-04-87	--	750	--	--	--	--	--	--	--	--
403759089370401	02-05-87	30	E530	660	6.90	--	13.0	150	69	72	3.9
	02-05-87	35	E530	--	6.90	--	13.0	150	68	71	3.9
403759089370601	02-05-87	25	800	615	6.80	--	13.0	140	62	52	6.7
403957089331501	03-23-87	1,440	400	415	7.10	--	13.0	84	41	40	3.9

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Shelby County--Continued						
392641088375401	03-04-86	--	660	<10	5.6	0.5	20	491	<0.10	11.0	0.60
393105088450601	03-06-86	502	510	<10	77	.6	17	602	<.10	8.90	.66
393108088450401	03-06-86	518	522	<10	86	.5	17	522	<.10	9.50	.65
393919089011901	05-22-86	--	253	25	6.7	.2	16	296	3.10	<.10	.01
394034089040201	05-22-86	--	243	28	5.2	.2	17	291	3.00	.14	.01
394034089040601	05-22-86	--	250	24	6.3	.2	18	299	3.30	.24	.01
					Stephenson County						
421826089374301	04-02-85	368	354	76	44	<.1	13	554	<.10	.50	.02
	06-04-85	369	--	--	--	--	--	--	--	--	--
	02-27-86	373	--	--	--	--	--	--	--	--	--
421826089374401	12-09-85	358	348	57	38	<.1	16	482	<.10	.93	.04
	02-27-86	353	--	--	--	--	--	--	--	--	--
					Tazewell County						
402024089184501	02-28-85	348	336	<10	2.2	.2	22	361	<.10	.79	.05
402024089184601	01-09-86	373	325	<10	3.7	.2	--	346	<.10	.74	.05
402222089323701	06-10-87	--	342	<10	3.1	.3	20	373	<.10	1.30	.09
402427089383201	06-09-87	--	273	49	3.7	.2	16	400	<.10	.17	.09
402427089383202	06-09-87	--	252	66	2.2	.1	15	402	<.10	<.10	.03
402517089244901	01-08-86	364	356	<10	5.0	.3	18	359	<.10	1.10	.12
402519089244301	01-08-86	364	348	<10	3.6	.3	20	359	<.10	2.00	.12
402552089305401	06-09-87	--	327	37	5.7	.1	16	395	<.10	.22	.05
402602089185101	06-08-87	--	351	<10	1.8	.3	19	348	<.10	1.90	.14
402810089274701	06-08-87	--	321	24	2.0	.1	18	372	<.10	.23	.22
402810089274901	06-08-87	--	364	16	1.8	.2	18	399	<.10	.61	.15
402941089391601	06-10-87	--	256	80	18	.6	16	450	5.90	.13	.03
403124089290101	01-06-86	467	440	<10	2.3	.3	--	485	<.10	2.10	.05
403159089221701	06-09-86	--	435	<10	39	.4	--	482	<.10	3.80	.20
403159089221801	12-16-85	378	384	68	59	.1	19	578	8.00	<.10	<.01

	06-09-86	--	--	--	--	--	--	--	--	--	--
	10-07-86	--	440	110	1,700	.1	19	3,700	5.00	.13	<.01
	03-11-87	--	416	66	140	.1	18	700	2.10	<.10	<.01
	06-30-87	--	--	--	--	--	--	--	--	--	--
403159089221802	12-16-85	369	376	61	52	.1	18	567	88.4	.14	<.01
	06-09-86	435	--	<10	39	.4	--	482	<.10	3.80	.20
403211089380601	06-16-87	--	319	74	18	.1	16	477	5.90	<.10	<.01
403327089392001	01-13-86	260	264	98	7.9	.2	--	650	6.40	<.10	<.01
403402089390101	01-13-86	310	316	130	80	.2	19	793	5.10	<.10	<.01
403402089390102	01-13-86	366	319	130	91	.9	--	834	5.80	<.10	<.01
403404089390701	03-27-86	--	310	120	64	.1	20	686	5.80	<.10	<.01
403432089380901	03-27-86	--	324	160	150	.2	19	912	4.70	<.10	<.01
	03-27-86	--	322	160	150	.2	19	853	4.70	<.10	<.01
403432089380902	03-27-86	--	369	200	180	.1	20	1,010	4.60	<.10	.01
403553089381501	01-13-86	278	282	76	30	.2	--	599	5.60	<.10	<.01
403611089371101	06-16-87	--	319	74	58	.1	11	566	7.20	<.10	.06
403612089371201	06-16-87	--	292	87	30	.1	9.5	478	3.50	.11	.03
403623089282301	01-27-86	456	456	<10	5.8	.4	20	427	<.10	2.40	.12
403623089282301	01-27-86	457	452	<10	5.8	.4	20	429	<.10	2.40	.12
403624089281601	04-08-86	--	423	<10	14	.4	18	448	<.10	2.80	.13
403626089282001	03-12-85	428	432	<10	13	.4	17	444	<.10	2.80	.10
403626089282201	01-07-86	448	507	<10	5.3	.4	19	477	<.10	4.10	.22
403628089281801	04-08-86	--	427	<10	13	.4	18	431	<.10	2.50	.12
	04-08-86	--	--	--	--	--	--	--	--	--	--
403630089282101	04-08-86	--	424	<10	7.5	.4	19	454	<.10	2.10	.12
403639089371801	12-19-85	302	306	78	26	.1	18	557	11.0	<.10	.01
403640089274901	04-08-86	--	430	<10	11	.4	16	454	<.10	2.90	.12
	04-08-86	--	429	<10	11	.4	15	418	<.10	2.90	.15
403641089275101	04-08-86	--	421	<10	12	.4	16	455	<.10	3.10	.12
403651089243301	01-07-86	368	354	<10	17	.1	--	390	<.10	<.10	.06
403720089371701	06-15-87	--	--	--	--	--	--	--	--	--	--
403721089371901	06-15-87	--	419	390	74	.1	18	1,080	2.30	<.10	.04
403737089195201	01-06-86	288	275	19	1.4	.1	--	375	<.10	<.10	.04
403737089195401	01-06-86	292	284	12	1.2	.1	--	363	<.10	<.10	.05
403758089370801	02-05-87	--	361	280	67	.2	19	890	8.20	.85	.10
	06-04-87	--	--	--	--	--	--	--	--	--	--
403759089370401	02-05-87	--	366	320	55	.1	18	926	5.30	.30	.25
	02-05-87	--	366	330	55	.1	18	929	5.30	.31	.25
403759089370601	02-05-87	--	355	230	69	.1	19	815	8.10	2.20	.08
403957089331501	03-23-87	--	363	31	46	.2	15	489	1.40	.50	.02

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Shelby County--Continued						
392641088375401	03-04-86	<50	8	200	<0.5	670	<3	<5	5	<5	6,200
393105088450601	03-06-86	<50	27	300	<.5	1,500	<3	<5	5	6	4,700
393108088450401	03-06-86	<50	29	300	<1.0	1,600	3	<5	8	<5	4,700
393919089011901	05-22-86	<50	5	50	<.5	<50	<3	<5	<5	5	380
394034089040201	05-22-86	<50	11	40	<.5	<50	<3	<5	<5	<5	1,000
394034089040601	05-22-86	<50	16	50	<.5	<50	<3	<5	<5	<5	1,100
					Stephenson County						
421826089374301	04-02-85	<50	<1	100	<.5	80	<3	<5	<5	7	2,700
	06-04-85	--	--	--	--	--	--	--	--	--	--
	02-27-86	--	--	--	--	--	--	--	--	--	--
421826089374401	12-09-85	<50	<1	80	<.5	60	<3	<5	<5	<5	2,700
	02-27-86	--	--	--	--	--	--	--	--	--	--
					Tazewell County						
402024089184501	02-28-85	<50	16	90	<.5	<50	<3	<5	<5	<5	1,500
402024089184601	01-09-86	<50	14	70	<.5	<50	<3	<5	<5	<5	1,400
402222089323701	06-10-87	<50	2	100	3.0	<50	<3	<5	<5	<5	2,400
402427089383201	06-09-87	<50	<1	70	3.0	<50	<3	<5	<5	48	3,200
402427089383202	06-09-87	<50	<1	30	<2.0	<50	6	7	7	18	1,600
402517089244901	01-08-86	<50	14	200	<.5	130	<3	<5	<5	<5	2,000
402519089244301	01-08-86	<50	17	200	<.5	130	<3	<5	<5	<5	2,000
402552089305401	06-09-87	<50	<1	80	<.5	<50	5	6	<5	<5	2,000
402602089185101	06-08-87	<50	19	100	3.0	70	<3	6	6	<5	2,400
402810089274701	06-08-87	<50	16	70	2.0	<50	<3	<5	<5	<5	3,100
402810089274901	06-08-87	<50	22	90	2.0	<50	<3	<5	<5	<5	3,000
402941089391601	06-10-87	<50	1	70	<1.0	80	5	9	7	23	2,300
403124089290101	01-06-86	<50	55	400	<.5	280	<3	<5	<5	27	2,900
403159089221701	06-09-86	<50	13	300	<1.0	290	<3	<5	<5	<5	2,100
403159089221801	12-16-85	<50	<1	60	<.5	90	<3	<5	<5	<5	<50

	06-09-86	--	--	--	--	--	--	--	--	--	--
	10-07-86	<50	1	200	<.5	<50	<3	<5	<5	<5	<50
	03-11-87	<50	<1	60	<.5	90	<3	<5	6	<5	<50
	06-30-87	--	--	--	--	--	--	--	--	--	--
403159089221802	12-16-85	<50	<1	60	<.5	110	<3	<5	<5	<5	<50
	06-09-86	<50	13	300	<1.0	290	<3	<5	<5	<5	2,100
403211089380601	06-16-87	110	<1	90	2.0	80	<3	6	<5	67	280
403327089392001	01-13-86	<50	<1	100	<.5	140	<3	<5	<5	<5	3,400
403402089390101	01-13-86	<50	<1	80	<.5	260	<3	<5	<5	<5	<50
403402089390102	01-13-86	<50	<1	90	<.5	240	<3	<5	<5	<5	<50
403404089390701	03-27-86	<50	<1	80	<1.0	190	<3	<5	<5	<5	<50
403432089380901	03-27-86	<50	<1	100	<1.0	360	<3	<5	<5	<5	<50
	03-27-86	<50	<1	100	<2.0	340	<3	<5	<5	<5	<50
403432089380902	03-27-86	<50	<1	90	<1.0	650	<3	<5	<5	<5	<50
403553089381501	01-13-86	<50	<1	70	<.5	80	<3	<5	<5	<5	<50
403611089371101	06-16-87	<50	<1	100	3.0	80	<3	7	<5	<5	<50
403612089371201	06-16-87	<50	<1	90	<2.0	<50	<3	5	<5	<5	<50
403623089282301	01-27-86	<50	30	400	<.5	340	<3	<5	<5	<5	2,900
403623089282301	01-27-86	<50	32	400	<.5	350	<3	<5	<5	<5	2,900
403624089281601	04-08-86	<50	22	300	<.5	360	<3	<5	5	<5	2,700
403626089282001	03-12-85	<50	4	300	<.5	330	<3	<5	<5	<5	2,700
403626089282201	01-07-86	<50	22	300	<.5	410	<3	<5	5	<5	2,800
403628089281801	04-08-86	<50	21	300	<.5	360	<3	<5	6	<5	2,600
	04-08-86	--	--	--	--	--	--	--	--	--	--
403630089282101	04-08-86	<50	21	300	<.5	370	3	<5	9	<5	2,800
403639089371801	12-19-85	<50	<1	60	<.5	80	<3	<5	<5	14	<50
403640089274901	04-08-86	<50	25	300	<.5	360	<3	<5	<5	<5	3,300
	04-08-86	<50	26	300	<.5	340	<3	<5	<5	<5	3,300
403641089275101	04-08-86	<50	11	500	<.5	340	<3	<5	<5	<5	3,200
403651089243301	01-07-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	900
403720089371701	06-15-87	--	--	--	--	--	--	--	--	--	--
403721089371901	06-15-87	<50	<1	70	4.0	240	<3	<5	<5	14	<50
403737089195201	01-06-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	1,500
403737089195401	01-06-86	<50	<1	50	<.5	<50	<3	<5	<5	<5	1,300
403758089370801	02-05-87	80	<1	100	<.5	240	<3	<5	9	51	<50
	06-04-87	--	--	--	--	--	--	--	--	--	--
403759089370401	02-05-87	180	1	80	<.5	250	<3	<5	10	99	440
	02-05-87	250	1	90	<.5	250	<3	<5	10	97	330
403759089370601	02-05-87	60	<1	100	<.5	220	<3	<5	8	6	<50
403957089331501	03-23-87	50	6	100	<.5	220	7	<5	5	34	2,300

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recov-erable (µg/L as Pb)	Manga-nese, total recov-erable (µg/L as Mn)	Mercury total recov-erable (µg/L as Mg)	Nickel, total recov-erable (µg/L as Ni)	Sele-nium, total (µg/L as Se)	Silver, total recov-erable (µg/L as Ag)	Stron-tium, total recov-erable (µg/L as Sr)	Vana-dium, total (µg/L as V)	Zinc, total recov-erable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Shelby County--Continued							
392641088375401	03-04-86	<5	77	<0.01	<5	1	<3	1,300	<5	<50	<0.01
393105088450601	03-06-86	<5	36	<.01	7	<1	<3	1,300	<5	<50	<.01
393108088450401	03-06-86	<5	40	<.01	11	<1	<3	1,300	<5	<50	<.01
393919089011901	05-22-86	<5	92	<.01	<5	<1	<3	110	<5	220	<.01
394034089040201	05-22-86	<5	65	<.01	<5	<1	4	100	<5	<50	<.01
394034089040601	05-22-86	<5	96	<.01	<5	<1	3	110	<5	<50	<.01
				Stephenson County							
421826089374301	04-02-85	<5	500	<.10	<5	<1	<3	100	<5	<50	<.01
	06-04-85	--	--	--	--	--	--	--	--	--	--
	02-27-86	--	--	--	--	--	--	--	--	--	--
421826089374401	12-09-85	<5	330	<.01	<5	<1	<3	90	<5	<50	<.01
	02-27-86	--	--	--	--	--	--	--	--	--	--
				Tazewell County							
402024089184501	02-28-85	21	68	<.01	<5	<1	<3	270	<5	<50	<.01
402024089184601	01-09-86	<5	54	<.01	<5	1	<3	250	<5	<50	<.01
402222089323701	06-10-87	<5	42	<.05	<5	<1	<3	170	6	<50	<.01
402427089383201	06-09-87	<5	110	<.05	<5	<1	<3	100	6	<50	<.01
402427089383202	06-09-87	7	140	<.05	12	<1	<3	80	5	<50	<.01
402517089244901	01-08-86	<5	35	<.01	<5	1	<3	380	<5	<50	<.01
402519089244301	01-08-86	<5	29	<.01	<5	<1	<3	380	<5	<50	<.01
402552089305401	06-09-87	<5	67	<.05	<5	<1	<3	130	6	<50	<.01
402602089185101	06-08-87	<5	15	<.05	6	<1	4	370	10	<50	<.01
402810089274701	06-08-87	<5	28	<.05	<5	<1	3	110	8	<100	<.01
402810089274901	06-08-87	<5	21	<.05	<5	<1	<3	180	5	<50	<.01
402941089391601	06-10-87	17	330	<.05	8	<1	<3	140	8	<100	<.01
403124089290101	01-06-86	<5	12	<.01	<3	<1	<3	340	<5	<50	<.01
403159089221701	06-09-86	<5	46	<.01	<5	<1	<3	550	<5	<50	<.01
403159089221801	12-16-85	<5	<5	<.01	<5	<1	<3	150	<5	<50	<.01

	06-09-86	--	--	--	--	--	--	--	--	--	--
	10-07-86	<5	<5	<.05	<5	<1	<3	380	<5	<50	<.01
	03-11-87	<5	<5	.11	<5	<1	<3	170	<5	<100	<.01
	06-30-87	--	--	--	--	--	--	--	--	--	--
403159089221802	12-16-85	<5	<5	<.01	<5	<1	<3	120	<5	<50	<.01
	06-09-86	<5	46	<.01	<5	<1	<3	550	<5	<50	<.01
403211089380601	06-16-87	18	<5	<.05	<5	<1	<3	150	9	110	<.01
403327089392001	01-13-86	<5	170	<.01	<5	1	<3	340	<5	<50	<.01
403402089390101	01-13-86	<5	<5	<.01	<5	1	<3	140	<5	<50	<.01
403402089390102	01-13-86	<5	8	<.01	<5	1	<3	130	<5	<50	<.01
403404089390701	03-27-86	<5	<5	<.01	<5	1	<3	120	<5	<50	<.01
403432089380901	03-27-86	<5	<5	<.01	<5	1	<3	150	<5	<50	<.01
	03-27-86	<5	<5	<.01	<5	1	<3	150	<5	<50	<.01
403432089380902	03-27-86	<5	<5	<.01	<5	2	<3	150	<5	<50	<.01
403553089381501	01-13-86	<5	8	<.01	<5	4	<3	120	<5	<50	<.01
403611089371101	06-16-87	<5	<5	<.05	<5	<1	<3	150	9	<50	<.01
403612089371201	06-16-87	<5	<5	<.05	<5	<1	<3	140	7	<50	<.01
403623089282301	01-27-86	<5	19	<.01	<5	1	<3	310	<5	<50	<.01
403623089282301	01-27-86	<5	19	<.01	<5	1	<3	300	<5	<50	<.01
403624089281601	04-08-86	<5	23	<.01	<5	<1	<3	380	<5	<50	<.01
403626089282001	03-12-85	<5	21	<.10	<5	<1	<3	390	<5	<50	<.01
403626089282201	01-07-86	<5	29	.08	<5	1	<3	600	<5	<50	<.01
403628089281801	04-08-86	<5	23	<.01	<5	<1	<3	380	<5	<50	<.01
	04-08-86	--	--	--	--	--	--	--	--	--	--
403630089282101	04-08-86	<5	23	<.01	8	<1	<3	330	5	<50	<.01
403639089371801	12-19-85	<5	<5	<.01	<5	1	<3	120	<5	<50	<.01
403640089274901	04-08-86	<5	29	<.01	<5	<1	<3	510	<5	<50	<.01
	04-08-86	<5	29	<.01	<5	<1	<3	510	<5	<50	<.01
403641089275101	04-08-86	<5	35	<.01	<5	<1	<3	480	<5	<50	<.01
403651089243301	01-07-86	<5	130	.06	<5	<1	<3	140	<5	<50	<.01
403720089371701	06-15-87	--	--	--	--	--	--	--	--	--	--
403721089371901	06-15-87	<5	<5	<.05	<5	<1	<3	190	5	<50	<.01
403737089195201	01-06-86	<5	150	<.01	<5	<1	<3	80	<5	<50	<.01
403737089195401	01-06-86	<5	130	.06	8	<1	<3	100	<5	<50	<.01
403758089370801	02-05-87	<5	<5	.08	<5	<1	5	200	8	<50	<.01
	06-04-87	--	--	--	--	--	--	--	--	--	--
403759089370401	02-05-87	7	47	<.05	<5	<1	4	200	7	<50	<.01
	02-05-87	<5	48	<.05	5	<1	4	210	8	<50	<.01
403759089370601	02-05-87	<5	<5	<.05	<5	<1	<3	190	<5	<50	<.01
403957089331501	03-23-87	12	96	<.05	<5	<1	<3	160	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Shelby County--Continued						
392641088375401	03-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393105088450601	03-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393108088450401	03-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393919089011901	05-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394034089040201	05-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394034089040601	05-22-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
				Stephenson County						
421826089374301	04-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	--
	06-04-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	2.9	<1.0	--
	02-27-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	3.5	<1.0	--
421826089374401	12-09-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	2.2
	02-27-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	2.8
				Tazewell County						
402024089184501	02-28-85	<5	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	--
402024089184601	01-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402222089323701	06-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402427089383201	06-09-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402427089383202	06-09-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402517089244901	01-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402519089244301	01-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
402552089305401	06-09-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402602089185101	06-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402810089274701	06-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402810089274901	06-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402941089391601	06-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403124089290101	01-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403159089221701	06-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403159089221801	12-16-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

	06-09-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-07-86	15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-11-87	<5	--	--	--	--	--	--	--	--
	06-30-87	--	--	--	--	--	--	--	--	--
403159089221802	12-16-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403211089380601	06-16-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403327089392001	01-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403402089390101	01-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
403402089390102	01-13-86	<5	<1.0	1.3	2.1	10	<1.0	<1.0	<1.0	<1.0
403404089390701	03-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403432089380901	03-27-86	10	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
	03-27-86	<5	--	--	--	--	--	--	--	--
403432089380902	03-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
403553089381501	01-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
403611089371101	06-16-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403612089371201	06-16-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403623089282301	01-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403623089282301	01-27-86	<5	--	--	--	--	--	--	--	--
403624089281601	04-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403626089282001	03-12-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
403626089282201	01-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
403628089281801	04-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
	04-08-86	--	--	--	--	--	--	--	--	--
403630089282101	04-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403639089371801	12-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
403640089274901	04-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-08-86	15	--	--	--	--	--	--	--	--
403641089275101	04-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403651089243301	01-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
403720089371701	06-15-87	--	--	--	--	--	--	--	--	--
403721089371901	06-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403737089195201	01-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
403737089195401	01-06-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
403758089370801	02-05-87	<5	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-04-87	--	--	--	--	--	--	--	--	--
403759089370401	02-05-87	<5	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-05-87	<5	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403759089370601	02-05-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403957089331501	03-23-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Shelby County--Continued						
392641088375401	03-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393105088450601	03-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393108088450401	03-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393919089011901	05-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394034089040201	05-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394034089040601	05-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Stephenson County						
421826089374301	04-02-85	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-04-85	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
	02-27-86	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0
421826089374401	12-09-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Tazewell County						
402024089184501	02-28-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402024089184601	01-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402222089323701	06-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402427089383201	06-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402427089383202	06-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402517089244901	01-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402519089244301	01-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402552089305401	06-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402602089185101	06-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402810089274701	06-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402810089274901	06-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402941089391601	06-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403124089290101	01-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403159089221701	06-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403159089221801	12-16-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

	06-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-11-87	--	--	--	--	--	--	--	--	--
	06-30-87	--	--	--	--	--	--	--	--	--
403159089221802	12-16-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
403211089380601	06-16-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403327089392001	01-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403402089390101	01-13-86	<1.0	24	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403402089390102	01-13-86	<1.0	<1.0	<1.0	<1.0	2.5	<1.0	<1.0	<1.0	<1.0
403404089390701	03-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403432089380901	03-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-27-86	--	--	--	--	--	--	--	--	--
403432089380902	03-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403553089381501	01-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403611089371101	06-16-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403612089371201	06-16-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403623089282301	01-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403623089282301	01-27-86	--	--	--	--	--	--	--	--	--
403624089281601	04-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403626089282001	03-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403626089282201	01-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
403628089281801	04-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
	04-08-86	--	--	--	--	--	--	--	--	--
403630089282101	04-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403639089371801	12-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403640089274901	04-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-08-86	--	--	--	--	--	--	--	--	--
403641089275101	04-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403651089243301	01-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403720089371701	06-15-87	--	--	--	--	--	--	--	--	--
403721089371901	06-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403737089195201	01-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
403737089195401	01-06-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
403758089370801	02-05-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-04-87	--	--	--	--	--	--	--	--	--
403759089370401	02-05-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-05-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403759089370601	02-05-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403957089331501	03-23-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Tazewell County--Continued			
403958089331701	03-23-87	1040	East Peoria Well No. 22	17002	17002	--
404004089333601	03-23-87	1115	East Peoria Well No. 25	17002	17002	--
404004089334001	03-23-87	1140	East Peoria Well No. 28	17002	17002	--
404014089343201	03-23-87	1205	East Peoria Well No. 29	17002	17002	--
404016089330501	03-23-87	1340	East Peoria Well No. 21	17002	17002	--
404016089330502	03-23-87	1325	East Peoria Well No. 24	17002	17002	--
404108089311001	06-11-87	1230	Valley View 4 & 6 Knolls Well No. 1	17002	17002	--
404119089311301	06-11-87	1200	Valley View 4 & 6 Knolls Well No. 2	17002	17002	--
404125089305001	06-11-87	1125	North Tazewell Public Water District Well No. 4	17002	17002	--
404126089305001	06-11-87	1055	North Tazewell Public Water District Well No. 5	17002	17002	--
404137089322301	03-23-87	1445	East Peoria Well No. 27	17002	17002	--
404138089322201	03-23-87	1420	East Peoria Well No. 26	17002	17002	--
	03-23-87	1425	East Peoria Well No. 26	17002	17002	--
404219089243501	01-08-86	1050	Washington Well No. 8	17002	17002	--
404222089242701	01-08-86	1115	Washington Well No. 6	17002	17002	125.00
404222089243201	03-12-85	1155	Washington Well No. 7	81700	17002	9.50
	06-25-85	1445	Washington Well No. 7	17002	17002	--
			Union County			
372237089231201	06-03-86	1535	Union Co. Conservation Area Well No. 7 Check Station	17002	17002	--
372516089222401	06-03-86	1450	Union Co. Cons. Area Well No. 8 Maintenance Shop	17002	17002	--
372519089222701	06-03-86	1620	Union Co. Conservation Area Well No. 3 Office	17002	17002	--
372540089213401	03-28-85	1025	Anna-Jonesboro Public Water District Well No. 3	81700	17002	--
	03-28-85	1030	Anna-Jonesboro Public Water District Well No. 3	81700	17002	--
	06-12-85	1020	Anna-Jonesboro Public Water District Well No. 3	17002	17002	--
372545089212901	01-08-86	1030	Anna-Jonesboro Water Commission Well No. 4	17002	17002	--
372548089213001	01-08-86	1125	Anna-Jonesboro Water Commission Well No. 2	17002	17002	--
			Vermilion County			
395253087390601	04-23-86	1405	Ridge Farm Well No. 3	17002	17002	45.00
395336087385601	04-23-86	1500	Ridge Farm Well No. 2	17002	17002	--
395336087385701	04-23-86	1555	Ridge Farm Well No. 1	17002	17002	--
395355087480401	04-24-86	1110	Sidell Well No. 5	17002	17002	--
	04-24-86	1115	Sidell Well No. 5	17002	17002	--

395411087485701	04-24-86	1010	Sidell Well No. 3	17002	17002	--
400245087494301	03-27-86	0950	Fairmount Well No. 3	17002	17002	35.00
	03-27-86	0955	Fairmount Well No. 3	17002	17002	35.00
401554087362201	03-26-86	1205	Bismarck Well No. 2	17002	17002	--
401554087362401	03-26-86	1100	Bismarck Well No. 1	17002	17002	--
401824087480001	03-26-86	1415	Potomac Well No. 5	17002	17002	--
401826087480101	03-26-86	1500	Potomac Well No. 4	17002	17002	--
402758087403501	03-25-86	1345	Hoopeston Well No. 6	17002	17002	--
402801087403401	03-25-86	1105	Hoopeston Well No. 5	17002	17002	58.00
402801087403701	03-25-86	1250	Hoopeston Well No. 4	17002	17002	56.00
402804087480701	04-23-86	1830	East Lynn Community Water System Well No. 1	17002	17002	--
			Warren County			
404353090404101	09-10-86	1020	Roseville Well No. 9 (Horizontal Collector Well)	17002	17002	--
	06-23-87	1000	Roseville Well No. 9 (Horizontal Collector Well)	17002	17002	--
			Washington County			
382800089325001	06-10-86	1230	Okawville Well No. 1	17002	17002	--
382803089325201	06-10-86	1150	Okawville Well No. 4	17002	17002	--
			White County			
375756088080801	01-14-86	1505	Norris City Well No. 2	17002	17002	--
380530088035301	03-25-85	1405	Carmi Well No. 4	81700	17002	22.00
380549088042101	01-15-86	1130	Carmi Well No. 3	17002	17002	--
380549088042501	01-15-86	1040	Carmi Well No. 1	17002	17002	27.00
380844088001201	06-10-87	1325	Crossville Well No. 3	17002	17002	--
381222088215501	01-16-86	1100	Mill Shoals Well No. 4	17002	17002	--
381538087590901	05-27-87	1110	Grayville Well No. 1	17002	17002	--
			Whiteside County			
413746089470201	12-02-86	1325	Tampico Well No. 2	17002	17002	--
413746089470301	12-02-86	1350	Tampico Well No. 1	17002	17002	--
413922090044101	06-24-86	1135	Erie Well No. 2	17002	17002	--
413952089563501	12-04-86	1030	Prophetstown Well No. 4	17002	17002	71.50
414540089415701	04-10-85	1100	Rock Falls Well No. 4	17002	17002	18.50

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Tazewell County--Continued							
403958089331701	03-23-87	20	215	470	7.10	--	12.5	97	44	43	4.1
404004089333601	03-23-87	20	400	405	7.00	--	16.0	90	38	41	3.8
404004089334001	03-23-87	1,440	435	440	7.00	--	15.5	100	40	42	3.9
404014089343201	03-23-87	1,440	360	680	6.90	--	15.0	130	45	130	5.7
404016089330501	03-23-87	1,440	225	480	6.90	--	14.5	100	39	45	7.6
404016089330502	03-23-87	1,440	135	445	7.00	--	15.0	89	36	44	4.4
404108089311001	06-11-87	5	E10	--	7.50	--	19.0	100	43	7.6	1.7
404119089311301	06-11-87	5	E20	--	7.70	--	14.5	94	39	10	1.8
404125089305001	06-11-87	15	1,150	365	7.10	--	14.0	86	35	35	2.8
404126089305001	06-11-87	25	1,150	360	7.40	--	12.5	74	34	45	2.5
404137089322301	03-23-87	50	200	900	6.90	--	12.5	96	39	36	2.6
404138089322201	03-23-87	25	470	670	7.00	--	12.5	87	37	22	2.2
	03-23-87	30	470	670	7.00	--	12.5	80	33	21	1.5
404219089243501	01-08-86	170	E1,200	515	7.50	-176	13.0	64	30	11	1.3
404222089242701	01-08-86	255	E750	495	7.50	-191	13.5	57	28	7.9	1.2
404222089243201	03-12-85	>300	860	525	7.30	-192	13.5	70	33	6.3	1.9
	06-25-85	315	930	525	7.60	-210	14.5	--	--	--	--
				Union County							
372237089231201	06-03-86	--	--	810	6.60	-147	18.0	130	30	4.9	2.4
372516089222401	06-03-86	--	--	715	6.80	238	16.5	100	32	3.9	1.8
372519089222701	06-03-86	--	--	755	6.70	81	20.0	100	34	12	2.4
372540089213401	03-28-85	205	700	525	7.00	-100	15.5	76	19	6.1	1.8
	03-28-85	--	--	--	--	--	--	76	20	6.6	1.9
	06-12-85	140	700	570	6.50	-182	15.0	--	--	--	--
372545089212901	01-08-86	90	E550	614	6.10	-186	14.0	80	22	7.6	2.8
372548089213001	01-08-86	145	350	657	6.90	-190	14.0	86	25	7.9	3.8
				Vermilion County							
395253087390601	04-23-86	55	E140	605	7.50	-99	12.0	66	30	45	1.8
395336087385601	04-23-86	18	--	--	--	--	--	76	33	11	1.1
395336087385701	04-23-86	42	--	620	7.30	-78	13.0	88	36	14	1.4
395355087480401	04-24-86	>1,440	E76	625	8.20	92	13.0	72	32	40	1.9
	04-24-86	>1,440	E76	625	8.20	92	13.0	73	32	41	1.9

395411087485701	04-24-86	370	12	490	6.80	244	11.0	67	28	6.1	.7
400245087494301	03-27-86	120	E43	--	7.10	-83	13.5	140	56	62	6.6
	03-27-86	125	E43	--	7.10	-82	13.5	140	56	63	6.8
401554087362201	03-26-86	55	--	--	7.50	-200	12.5	60	26	100	2.4
401554087362401	03-26-86	17	--	--	--	--	--	70	31	110	2.8
401824087480001	03-26-86	29	150	--	7.50	-168	12.5	180	71	84	4.3
401826087480101	03-26-86	30	80	--	--	--	--	49	53	80	3.9
402758087403501	03-25-86	15	1,500	--	--	--	--	86	46	17	2.0
402801087403401	03-25-86	80	1,100	--	7.50	-153	13.0	68	35	24	2.1
402801087403701	03-25-86	40	500	--	7.60	-190	13.0	60	29	25	1.9
402804087480701	04-23-86	43	35	950	7.40	-109	12.5	110	43	45	2.3
Warren County											
404353090404101	09-10-86	--	E85	--	6.50	--	16.0	47	24	13	<.3
	06-23-87	--	--	--	--	--	--	--	--	--	--
Washington County											
382800089325001	06-10-86	25	E100	1,710	6.70	-142	15.5	220	77	73	1.9
382803089325201	06-10-86	290	E150	1,750	6.60	-149	14.5	160	44	140	2.8
White County											
375756088080801	01-14-86	60	E500	615	7.00	-136	14.5	81	20	20	1.4
380530088035301	03-25-85	125	--	405	7.50	-88	15.0	63	16	3.3	1.1
380549088042101	01-15-86	150	--	425	7.10	-110	14.5	59	14	3.4	1.1
380549088042501	01-15-86	70	--	400	7.20	-112	14.5	55	14	3.6	1.3
380844088001201	06-10-87	--	E335	--	--	--	--	89	25	5.5	1.4
381222088215501	01-16-86	180	E42	1,150	6.70	-182	8.0	100	54	68	2.1
381538087590901	05-27-87	190	385	630	7.20	-33	15.5	100	26	7.5	.8
Whiteside County											
413746089470201	12-02-86	85	160	530	7.40	--	13.5	64	28	8.5	3.1
413746089470301	12-02-86	50	E180	475	7.50	-169	12.5	63	25	4.8	.4
413922090044101	06-24-86	95	325	365	6.60	4	13.0	51	16	4.1	1.5
413952089563501	12-04-86	E150	450	555	7.60	-187	12.5	75	30	6.9	.7
414540089415701	04-10-85	240	1,080	535	7.00	-124	12.5	69	28	9.8	1.3

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Tazewell County--Continued						
403958089331701	03-23-87	--	361	70	54	0.1	15	540	1.50	0.37	0.03
404004089333601	03-23-87	--	311	64	59	1.4	12	530	3.30	<.10	<.01
404004089334001	03-23-87	--	306	78	66	.2	11	685	3.80	<.10	<.01
404014089343201	03-23-87	--	376	150	190	.3	13	916	3.20	<.10	<.01
404016089330501	03-23-87	--	318	91	61	.2	11	607	6.00	<.10	<.01
404016089330502	03-23-87	--	287	71	62	.2	11	536	4.90	.13	.01
404108089311001	06-11-87	--	359	47	6.7	.9	16	452	<.10	.14	.23
404119089311301	06-11-87	--	355	41	5.0	.1	16	436	<.10	.27	.02
404125089305001	06-11-87	--	392	<10	7.4	1.0	16	425	<.10	3.00	.03
404126089305001	06-11-87	--	398	<10	11	.3	15	435	<.10	1.10	.04
404137089322301	03-23-87	--	347	40	51	.7	14	592	.24	<.10	<.01
404138089322201	03-23-87	--	374	<10	12	.2	15	486	<.10	.21	<.01
	03-23-87	--	382	<10	12	.2	15	438	<.10	.26	.02
404219089243501	01-08-86	317	340	<10	1.1	.2	18	326	<.10	.69	.11
404222089242701	01-08-86	296	287	<10	1.3	.2	--	329	<.10	.37	.09
404222089243201	03-12-85	314	316	<10	1.2	.2	16	320	<.10	.65	.10
	06-25-85	--	--	--	--	--	--	--	--	--	--
					Union County						
372237089231201	06-03-86	429	--	14	3.0	.2	--	479	<.10	.74	.66
372516089222401	06-03-86	337	--	19	10	.3	--	444	5.20	<.10	.03
372519089222701	06-03-86	357	357	34	3.3	.4	--	466	5.30	<.10	.04
372540089213401	03-28-85	306	267	11	3.4	.2	28	329	<.10	.28	.75
	03-28-85	--	271	14	3.5	.3	29	329	<.10	.28	.81
	06-12-85	--	--	--	--	--	--	--	--	--	--
372545089212901	01-08-86	314	314	<10	2.6	.2	--	363	<.10	1.00	1.10
372548089213001	01-08-86	340	340	<10	3.9	.2	--	397	<.10	1.90	1.00
					Vermilion County						
395253087390601	04-23-86	--	319	16	21	.6	18	388	<.10	.61	.11
395336087385601	04-23-86	--	297	58	13	.3	13	447	<.10	.16	.05
395336087385701	04-23-86	--	291	65	14	.2	10	428	.23	<.10	.02
395355087480401	04-24-86	--	332	27	23	.5	16	383	<.10	.94	.11
	04-24-86	--	330	27	23	.4	16	406	<.10	.90	.11

395411087485701	04-24-86	--	174	60	13	.2	10	347	7.40	<.10	.01
400245087494301	03-27-86	397	394	210	78	.1	14	[illegible]	<.10	<.10	<.01
	03-27-86	--	393	210	79	.1	14	814	<.10	<.10	<.01
401554087362201	03-26-86	486	489	<10	15	.3	10	494	<.10	7.50	.90
401554087362401	03-26-86	--	550	<10	14	.3	9.8	554	<.10	9.30	.80
401824087480001	03-26-86	265	260	640	18	.1	14	1,190	<.10	.89	<.01
401826087480101	03-26-86	--	52	410	16	<.1	1.0	696	<.10	<.10	<.01
402758087403501	03-25-86	--	307	120	6.9	.4	18	466	<.10	.69	<.01
402801087403401	03-25-86	337	334	34	3.5	.5	16	398	<.10	1.20	.01
402801087403701	03-25-86	330	325	<10	1.3	.4	13	329	<.10	2.00	.02
402804087480701	04-23-86	--	310	270	2.8	.2	15	738	<.10	1.10	<.01

Warren County

404353090404101	09-10-86	104	104	53	31	.2	--	301	9.90	<.10	.02
	06-23-87	--	--	--	--	--	--	--	--	--	--

Washington County

382800089325001	06-10-86	347	347	670	17	.1	--	1,240	<.10	.23	.39
382803089325201	06-10-86	278	278	250	270	<.1	--	1,040	<.10	.50	.57

White County

375756088080801	01-14-86	288	289	39	16	<.1	--	395	.12	.14	.15
380530088035301	03-25-85	170	174	45	4.9	.1	12	290	.57	<.10	.04
380549088042101	01-15-86	146	153	39	12	<.1	--	326	6.90	<.10	.02
380549088042501	01-15-86	136	144	39	11	<.1	--	318	7.00	<.10	.06
380844088001201	06-10-87	--	256	21	29	1.0	11	400	5.40	<.10	<.01
381222088215501	01-16-86	456	519	<10	84	.2	--	671	.13	6.00	.79
381538087590901	05-27-87	--	304	53	14	.1	12	374	.95	<.10	.01

Whiteside County

413746089470201	12-02-86	--	212	62	17	<.1	12	384	1.70	<.10	.14
413746089470301	12-02-86	--	279	<10	<1.0	.1	20	269	<.10	.43	.21
413922090044101	06-24-86	136	136	34	6.3	.1	--	299	4.20	<.10	.07
413952089563501	12-04-86	--	347	<10	<1.0	.1	22	389	<.10	.53	.07
414540089415701	04-10-85	265	252	25	18	.1	16	353	<.10	.80	.19

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Tazewell County--Continued							
403958089331701	03-23-87	90	3	200	<0.5	200	6	<5	9	39	1,200
404004089333601	03-23-87	60	<1	100	<.5	140	<3	<5	<5	12	190
404004089334001	03-23-87	70	<1	100	<.5	140	<3	<5	<5	10	200
404014089343201	03-23-87	<50	<1	70	<.5	310	<3	<5	<5	7	<50
404016089330501	03-23-87	90	<1	90	<.5	450	5	9	9	46	<50
404016089330502	03-23-87	<50	<1	90	<.5	180	4	<5	<5	330	110
404108089311001	06-11-87	<50	<1	50	<2.0	<50	<3	<5	<5	12	5,700
404119089311301	06-11-87	<50	<1	60	<2.0	<50	<3	<5	<5	<5	1,700
404125089305001	06-11-87	<50	<1	70	<.5	230	5	<5	<5	14	3,600
404126089305001	06-11-87	<50	6	70	<2.0	310	<3	<5	<5	<5	2,900
404137089322301	03-23-87	70	<1	80	<.5	110	<3	<5	6	1,700	1,500
404138089322201	03-23-87	<50	<1	80	<.5	130	<3	<5	<5	39	3,700
	03-23-87	<50	<1	80	<.5	110	<3	<5	<5	<5	3,000
404219089243501	01-08-86	<50	2	100	<.5	<50	<3	<5	<5	<5	1,500
404222089242701	01-08-86	<50	1	100	<.5	<50	<3	<5	<5	12	1,200
404222089243201	03-12-85	<50	1	60	<.5	<50	<3	<5	<5	14	560
	06-25-85	--	--	--	--	--	--	--	--	--	--
				Union County							
372237089231201	06-03-86	<50	2	300	<.5	70	<3	<5	<5	<5	7,200
372516089222401	06-03-86	<50	<1	400	<.5	<50	<3	<5	<5	<5	60
372519089222701	06-03-86	<50	<1	200	<.5	70	<3	<5	<5	9	<50
372540089213401	03-28-85	<50	8	400	<.5	<50	<3	<5	<5	<5	21,000
	03-28-85	<50	8	400	<.5	60	<3	7	<5	<5	21,000
	06-12-85	--	--	--	--	--	--	--	--	--	--
372545089212901	01-08-86	<50	30	400	<.5	70	<3	<5	<5	<5	21,000
372548089213001	01-08-86	<50	29	500	<.5	60	<3	<5	7	<5	21,000
				Vermilion County							
395253087390601	04-23-86	<50	<1	200	<.5	220	5	<5	<5	<5	870
395336087385601	04-23-86	90	1	100	<.5	100	13	22	30	18	1,200
395336087385701	04-23-86	<50	1	100	<.5	70	4	<5	10	7	900
395355087480401	04-24-86	<50	<1	100	<.5	290	<3	<5	<5	<5	620
	04-24-86	<50	<1	100	<.5	320	<3	<5	<5	7	640

395411087485701	04-24-86	<50	<1	20	<.5	<50	<3	<5	6	8	<50
400245087494301	03-27-86	<50	<1	40	<2.0	470	<3	<5	<5	<5	1,100
	03-27-86	<50	<1	40	<2.0	470	<3	<5	<5	<5	1,100
401554087362201	03-26-86	<50	12	100	<.5	470	<3	<5	<5	<5	3,500
401554087362401	03-26-86	<50	13	200	<.5	380	<3	<5	<5	<5	4,100
401824087480001	03-26-86	<50	5	20	<2.0	1,000	<3	<5	<5	<5	2,400
401826087480101	03-26-86	<50	1	10	<.5	900	<3	<5	<5	17	9,700
402758087403501	03-25-86	<50	19	80	<.5	220	<3	<5	<5	<5	1,900
402801087403401	03-25-86	<50	16	80	<.5	380	<3	<5	<5	<5	1,800
402801087403701	03-25-86	<50	22	200	<.5	370	<3	<5	<5	<5	3,200
402804087480701	04-23-86	60	11	20	<.5	770	10	16	20	13	1,400

Warren County

404353090404101	09-10-86	<50	<1	80	3.0	<50	<3	<5	<5	<5	<50
	06-23-87	--	--	--	--	--	--	--	--	--	--

Washington County

382800089325001	06-10-86	110	<1	60	3.0	60	<3	<5	<5	6	13,000
382803089325201	06-10-86	60	1	300	2.0	60	<3	<5	<5	<5	16,000

White County

375756088080801	01-14-86	<50	6	300	<.5	<50	<3	<5	<5	<5	2,900
380530088035301	03-25-85	<50	1	30	<.5	<50	<3	<5	<5	<5	590
380549088042101	01-15-86	<50	2	30	<.5	<50	<3	<5	<5	<5	370
380549088042501	01-15-86	<50	2	30	<.5	<50	<3	<5	<5	<5	370
380844088001201	06-10-87	<50	<1	50	<2.0	<50	<3	10	<5	<5	350
381222088215501	01-16-86	<50	74	300	<.5	120	<3	<5	<5	<5	6,000
381538087590901	05-27-87	<50	<1	50	2.0	<50	<3	<5	<5	<5	520

Whiteside County

413746089470201	12-02-86	<50	2	40	<.5	<50	<3	<5	<5	<5	510
413746089470301	12-02-86	<50	16	200	<.5	<50	<3	<5	<5	<5	4,400
413922090044101	06-24-86	410	<1	200	<1.0	<50	<3	<5	<5	<5	120
413952089563501	12-04-86	<50	16	600	<.5	<50	<3	<5	<5	<5	1,300
414540089415701	04-10-85	<50	19	100	<1.0	<50	<3	<5	<5	<5	2,800

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recov-erable (µg/L as Pb)	Manga-nese, total recov-erable (µg/L as Mn)	Mercury total recov-erable (µg/L as Mg)	Nickel, total recov-erable (µg/L as Ni)	Sele-nium, total (µg/L as Se)	Silver, total recov-erable (µg/L as Ag)	Stron-tium, total recov-erable (µg/L as Sr)	Vana-dium, total (µg/L as V)	Zinc, total recov-erable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Tazewell County--Continued							
403958089331701	03-23-87	<5	250	<0.05	10	<1	4	150	7	<50	<0.01
404004089333601	03-23-87	<5	37	<.05	<5	<1	<3	130	<5	<50	<.01
404004089334001	03-23-87	<5	37	<.05	<5	<1	<3	130	<5	<50	<.01
404014089343201	03-23-87	<5	<5	<.05	<5	1	<3	330	<5	<50	<.01
404016089330501	03-23-87	29	7	<.05	10	<1	6	170	7	<50	<.01
404016089330502	03-23-87	150	12	<.05	<5	<1	<3	150	<5	200	<.01
404108089311001	06-11-87	32	170	<.05	<5	<1	<3	150	5	630	<.01
404119089311301	06-11-87	<5	150	<.05	<5	<1	<3	160	<5	<50	<.01
404125089305001	06-11-87	<5	120	<.05	7	<1	<3	150	5	<50	<.01
404126089305001	06-11-87	<5	53	<.05	<5	<1	<3	200	<5	<50	<.01
404137089322301	03-23-87	40	160	.09	<5	<1	6	180	5	<50	<.01
404138089322201	03-23-87	6	200	<.05	36	<1	<3	140	<5	<50	<.01
	03-23-87	<5	180	<.05	<5	<1	<3	130	<5	<50	<.01
404219089243501	01-08-86	<5	66	<.01	<5	<1	<3	210	<5	<50	<.01
404222089242701	01-08-86	<5	57	<.01	<5	1	<3	170	<5	<50	<.01
404222089243201	03-12-85	<5	44	<.10	<5	<1	<3	90	<5	<50	<.01
	06-25-85	--	--	--	--	--	--	--	--	--	--
				Union County							
372237089231201	06-03-86	<5	700	.12	<5	<1	3	540	<5	230	<.01
372516089222401	06-03-86	<5	7	.15	<5	<1	<3	130	<5	<50	<.01
372519089222701	06-03-86	<5	49	.11	<5	<1	<3	100	<5	220	<.01
372540089213401	03-28-85	<5	2,100	<.10	<5	1	<3	230	<5	<50	<.01
	03-28-85	5	2,200	<.10	<5	<1	<3	230	<5	<50	<.01
	06-12-85	--	--	--	--	--	--	--	--	--	--
372545089212901	01-08-86	<5	1,500	<.01	<5	<1	<3	330	<5	<50	<.01
372548089213001	01-08-86	<5	510	<.01	<5	<1	<3	430	<5	<50	<.01
				Vermilion County							
395253087390601	04-23-86	<5	50	<.01	<5	<1	<3	890	<5	<50	<.01
395336087385601	04-23-86	<5	51	.04	40	<1	31	410	26	<50	<.01
395336087385701	04-23-86	<5	190	.12	11	<1	9	290	8	<50	<.01
395355087480401	04-24-86	<5	42	<.01	<5	<1	<3	680	<5	<50	<.01
	04-24-86	<5	43	.01	<5	<1	5	700	5	<50	<.01

395411087485701	04-24-86	<5	13	.01	7	<1	6	70	6	<50	<.01
400245087494301	03-27-86	<5	270	<.01	<5	<1	<3	210	<5	<50	<.01
	03-27-86	<5	270	<.01	<5	<1	<3	210	<5	<50	<.01
401554087362201	03-26-86	<5	32	<.01	<5	<1	<3	590	<5	<50	<.01
401554087362401	03-26-86	<5	36	<.01	<5	<1	<3	710	<5	<50	<.01
401824087480001	03-26-86	<5	270	<.01	<5	<1	<3	1,300	<5	<50	<.01
401826087480101	03-26-86	8	82	.09	<5	<1	<3	510	<5	<50	<.01
402758087403501	03-25-86	<5	44	<.01	<5	<1	<3	1,200	<5	<50	<.01
402801087403401	03-25-86	<5	45	<.01	<5	<1	<3	950	<5	<50	<.01
402801087403701	03-25-86	<5	20	<.01	<5	<1	<3	620	<5	<50	<.01
402804087480701	04-23-86	<5	43	.01	32	<1	24	1,200	20	<50	<.01
					Warren County						
404353090404101	09-10-86	<5	9	<.05	<5	1	<3	100	<5	<50	<.01
	06-23-87	--	--	--	--	--	--	--	--	--	--
					Washington County						
382800089325001	06-10-86	<5	460	<.01	21	<1	<3	330	8	120	<.01
382803089325201	06-10-86	<5	760	<.01	19	<1	<3	1,100	6	<50	<.01
					White County						
375756088080801	01-14-86	<5	120	<.01	<5	<1	<3	130	<5	<50	<.01
380530088035301	03-25-85	<5	340	<.01	<5	<1	<3	80	<5	<50	<.01
380549088042101	01-15-86	<5	130	.03	<5	1	<3	90	<5	<50	<.01
380549088042501	01-15-86	<5	120	.03	<5	<1	<3	90	<5	<50	<.01
380844088001201	06-10-87	<5	180	<.05	<5	<1	<3	100	9	<50	<.01
381222088215501	01-16-86	<5	30	<.01	<5	<1	<3	650	<5	<50	<.01
381538087590901	05-27-87	<5	250	<.05	<5	<1	<3	130	7	<100	<.01
					Whiteside County						
413746089470201	12-02-86	<5	240	<.05	<5	<1	<3	100	<5	<50	<.01
413746089470301	12-02-86	<5	92	<.05	<5	<1	<3	180	<5	<50	<.01
413922090044101	06-24-86	<5	680	<.01	<5	<1	<3	70	<5	<50	<.01
413952089563501	12-04-86	<5	760	<.05	<5	<1	<3	200	<5	<50	<.01
414540089415701	04-10-85	<5	45	<.10	8	<1	<3	160	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Tazewell County--Continued						
403958089331701	03-23-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404004089333601	03-23-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404004089334001	03-23-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404014089343201	03-23-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404016089330501	03-23-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404016089330502	03-23-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404108089311001	06-11-87	<5	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404119089311301	06-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404125089305001	06-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404126089305001	06-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404137089322301	03-23-87	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404138089322201	03-23-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-23-87	<5	--	--	--	--	--	--	--	--
404219089243501	01-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404222089242701	01-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404222089243201	03-12-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-25-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
				Union County						
372237089231201	06-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
372516089222401	06-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
372519089222701	06-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
372540089213401	03-28-85	<5	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	--
	03-28-85	<5	--	--	--	--	--	--	--	--
	06-12-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
372545089212901	01-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
372548089213001	01-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
				Vermilion County						
395253087390601	04-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
395336087385601	04-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395336087385701	04-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395355087480401	04-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-24-86	<5	--	--	--	--	--	--	--	--

395411087485701	04-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400245087494301	03-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-27-86	<5	--	--	--	--	--	--	--	--
401554087362201	03-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401554087362401	03-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401824087480001	03-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401826087480101	03-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402758087403501	03-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
402801087403401	03-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
402801087403701	03-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
402804087480701	04-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Warren County

404353090404101	09-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-23-87	--	--	--	--	--	--	--	--	--

Washington County

382800089325001	06-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
382803089325201	06-10-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0

White County

375756088080801	01-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380530088035301	03-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
380549088042101	01-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380549088042501	01-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380844088001201	06-10-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381222088215501	01-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381538087590901	05-27-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Whiteside County

413746089470201	12-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413746089470301	12-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413922090044101	06-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413952089563501	12-04-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
414540089415701	04-10-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Tazewell County--Continued					
403958089331701	03-23-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404004089333601	03-23-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404004089334001	03-23-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404014089343201	03-23-87	<1.0	<1.0	<1.0	<1.0	14	<1.0	<1.0	<1.0	<1.0
404016089330501	03-23-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404016089330502	03-23-87	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404108089311001	06-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404119089311301	06-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404125089305001	06-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404126089305001	06-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404137089322301	03-23-87	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0
404138089322201	03-23-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-23-87	--	--	--	--	--	--	--	--	--
404219089243501	01-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404222089242701	01-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404222089243201	03-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Union County					
372237089231201	06-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
372516089222401	06-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
372519089222701	06-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
372540089213401	03-28-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-28-85	--	--	--	--	--	--	--	--	--
	06-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
372545089212901	01-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
372548089213001	01-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Vermilion County					
395253087390601	04-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
395336087385601	04-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395336087385701	04-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395355087480401	04-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-24-86	--	--	--	--	--	--	--	--	--

395411087485701	04-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400245087494301	03-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-27-86	--	--	--	--	--	--	--	--	--
401554087362201	03-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401554087362401	03-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401824087480001	03-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401826087480101	03-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402758087403501	03-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402801087403401	03-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
402801087403701	03-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402804087480701	04-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Warren County

404353090404101	09-10-86	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-23-87	--	--	--	--	--	--	--	--	--

Washington County

382800089325001	06-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
382803089325201	06-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

White County

375756088080801	01-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380530088035301	03-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380549088042101	01-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380549088042501	01-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380844088001201	06-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381222088215501	01-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381538087590901	05-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Whiteside County

413746089470201	12-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413746089470301	12-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413922090044101	06-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413952089563501	12-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414540089415701	04-10-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Whiteside County--Continued			
414541089420101	12-10-86	1000	Rock Falls Well No. 2	17002	17002	--
414548089441301	02-26-87	0925	Country Acres Mobile Home Park Well No. 3	17002	17002	--
414550089420301	12-10-86	1035	Rock Falls Well No. 3	17002	17002	--
414551089440101	02-26-87	1000	Country Acres Mobile Home Park Well No. 2	17002	17002	--
414617090141501	04-02-85	1415	Albany Well No. 2	81700	17002	23.30
	06-04-85	1415	Albany Well No. 2	17002	17002	--
	06-23-86	1135	Albany Well No. 2	17002	17002	14.00
414617090141601	06-23-86	1205	Albany Well No. 1	17002	17002	43.00
414709090130901	06-23-86	1035	Albany Well No. 3	17002	17002	52.00
414804089440301	06-25-86	1230	Northern Illinois Water Corp. Sterling Well No. 6	17002	17002	--
415142090092301	12-02-86	1125	Fulton Well No. 4	17002	17002	225.00
			Will County			
413323087594501	03-19-85	1545	Joliet Well No. 5	81700	17002	--
			Winnebago County			
421116089053901	10-23-85	1240	Rockford Water Department Well No. 24	17002	17002	--
421212089062501	03-20-85	0915	Rockford Well No. 28	81700	17002	36.50
	06-05-85	1005	Rockford Well No. 28	17002	17002	64.00
	10-23-85	0925	Rockford Well No. 28	17002	17002	55.00
421239089060301	11-06-85	1115	Gem Suburban Mobile Home Park Well No. 4	17002	17002	--
	06-03-86	1140	Gem Suburban Mobile Home Park Well No. 4	17002	17002	--
	09-04-86	1115	Gem Suburban Mobile Home Park Well No. 4	17002	17002	--
	12-09-86	1400	Gem Suburban Mobile Home Park Well No. 4	17002	17002	--
421241089062801	11-06-85	1020	Gem Suburban Mobile Home Park Well No. 1	17002	17002	--
	06-03-86	1050	Gem Suburban Mobile Home Park Well No. 1	17002	17002	--
	09-04-86	1040	Gem Suburban Mobile Home Park Well No. 1	17002	17002	--
	12-09-86	1405	Gem Suburban Mobile Home Park Well No. 1	17002	17002	--
421246089053201	10-23-85	1045	Rockford Water Department Well No. 19	17002	17002	55.00
421248089060901	11-06-85	1205	Gem Suburban Mobile Home Park Well No. 3	17002	17002	--
	06-03-86	1235	Gem Suburban Mobile Home Park Well No. 3	17002	17002	--

	09-04-86	1145	Gem Suburban Mobile Home Park Well No. 3	17002	17002	--
	12-09-86	1355	Gem Suburban Mobile Home Park Well No. 3	17002	17002	--
421248089062801	11-06-85	0925	Gem Suburban Mobile Home Park Well No. 2	17002	17002	--
	06-03-86	1320	Gem Suburban Mobile Home Park Well No. 2	17002	17002	--
	09-04-86	1008	Gem Suburban Mobile Home Park Well No. 2	17002	17002	--
	12-09-86	1348	Gem Suburban Mobile Home Park Well No. 2	17002	17002	--
421326089042801	01-07-86	1130	American Mobile Home Park Well No. 1	17002	17002	--
421352089043201	10-23-85	1345	Rockford Water Department Well No. 35	17002	17002	--
421413089063801	04-30-86	1320	Anns Mobile Home Park Well No. 1	17002	17002	--
421434089063501	11-12-85	1400	Riverview Mobile Home Park Well No. 1	17002	17002	--
	04-15-86	1000	Riverview Mobile Home Park Well No. 1	17002	17002	--
	05-05-86	0950	Riverview Mobile Home Park Well No. 1	17002	17002	--
421440089062901	04-15-86	1110	Riverview Mobile Home Park Well No. 2	17002	17002	--
421440089062901	05-05-86	1052	Riverview Mobile Home Park Well No. 2	17002	17002	--
421440089063301	11-12-85	1340	Riverview Mobile Home Park Well No. 3	17002	17002	--
	05-05-86	1025	Riverview Mobile Home Park Well No. 3	17002	17002	--
421454089042301	10-23-85	1455	Rockford Water Department Well No. 7A	17002	17002	63.00
421503089003401	01-08-86	1556	Newburg Landowners Association Well No. 2	17002	17002	--
421520089051001	10-30-85	1155	Rockford Water Department Well No. 38	17002	17002	35.00
421535089050301	03-20-85	1040	Rockford Well No. 11	81700	17002	95.50
	06-05-85	1145	Rockford Well No. 11	17002	17002	--
	10-29-85	1420	Rockford Well No. 11	17002	17002	64.00
	12-16-86	0925	Rockford Well No. 11	81700	17002	72.00
	05-18-87	1500	Rockford Well No. 11	81700	17002	75.00
421611089031101	10-29-85	1020	Rockford Water Department Well No. 9A	17002	17002	149.00
421613088580301	11-07-85	0950	Woodland Mobile Home Park Well No. 1	17002	17002	--
421614089045001	10-30-85	1340	Rockford Water Department Well No. 12	17002	17002	57.00
421656089031301	10-29-85	1130	Rockford Water Department Well No. 5A (2)	17002	17002	144.00
421711089061101	10-29-85	1305	Rockford Water Department Well No. 33	17002	17002	--
	06-09-86	1050	Rockford Water Department Well No. 33	17002	17002	52.00
421719089041201	10-30-85	1050	Rockford Water Department Well No. 8A	17002	17002	--
421740089024901	11-06-85	1430	Bradley Heights Well No. 3	17002	17002	--
	06-13-86	1400	Bradley Heights Well No. 3	17002	17002	--
421837089025701	05-29-85	1405	Loves Park Well No. 1	17002	17002	52.00
	05-29-85	1410	Loves Park Well No. 1	17002	17002	--
	11-13-85	0955	Loves Park Well No. 1	17002	17002	--
	12-12-85	0940	Loves Park Well No. 1	17002	17002	54.00
	05-08-86	1025	Loves Park Well No. 1	17002	17002	81.00
	08-06-86	0910	Loves Park Well No. 1	17002	17002	53.00
	12-11-86	0935	Loves Park Well No. 1	17002	17002	50.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Whiteside County--Continued							
414541089420101	12-10-86	60	770	575	7.30	-167	12.5	75	30	10	0.7
414548089441301	02-26-87	--	--	--	--	--	--	67	28	6.0	.9
414550089420301	12-10-86	215	E400	610	7.20	-98	13.5	76	29	14	1.1
414551089440101	02-26-87	--	40	--	--	--	--	83	33	7.2	2.2
414617090141501	04-02-85	75	E105	555	7.10	22	12.5	72	32	4.5	1.6
	06-04-85	60	93	535	7.20	79	12.5	--	--	--	--
	06-23-86	--	120	550	7.80	70	12.5	77	34	4.7	1.6
414617090141601	06-23-86	>1,440	120	575	8.40	45	12.5	77	34	5.0	1.4
414709090130901	06-23-86	215	140	645	6.60	-103	15.5	61	22	55	9.0
414804089440301	06-25-86	--	658	855	6.50	--	13.5	120	51	25	2.2
415142090092301	12-02-86	25	450	520	7.10	--	13.5	63	28	8.7	1.2
				Will County							
413323087594501	03-19-85	>1,440	580	860	7.00	-26	12.5	110	54	7.8	2.6
				Winnebago County							
421116089053901	10-23-85	145	2,400	620	7.60	93	12.0	81	41	8.0	1.5
421212089062501	03-20-85	45	1,550	535	7.00	-84	12.5	65	36	3.8	2.0
	06-05-85	120	284	550	7.20	-107	12.0	--	--	--	--
	10-23-85	60	2,850	551	7.53	-112	12.0	72	37	4.4	2.1
421239089060301	11-06-85	225	--	825	7.10	65	12.5	110	52	13	1.8
	06-03-86	160	--	860	7.10	196	12.5	--	--	--	--
	09-04-86	102	--	765	7.00	--	12.5	--	--	--	--
	12-09-86	45	--	--	--	--	--	--	--	--	--
421241089062801	11-06-85	170	--	1,110	7.10	47	13.5	120	58	61	3.4
	06-03-86	110	--	1,170	7.10	196	12.5	--	--	--	--
	09-04-86	67	--	1,140	7.00	--	13.0	--	--	--	--
	12-09-86	50	--	--	--	--	--	--	--	--	--
421246089053201	10-23-85	105	--	640	7.90	-25	12.5	86	41	6.2	1.5
421248089060901	11-06-85	275	--	874	7.20	75	12.0	110	58	8.2	1.7
	06-03-86	215	--	910	7.10	--	13.0	--	--	--	--

	09-04-86	72	--	925	7.10	--	12.5	--	--	--	--
	12-09-86	40	--	--	--	--	--	--	--	--	--
421248089062801	11-06-85	115	--	890	7.10	77	13.0	98	48	32	2.4
	06-03-86	260	--	920	7.10	237	12.0	--	--	--	--
	09-04-86	95	--	965	7.00	--	14.0	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421326089042801	01-07-86	8	--	--	--	--	--	59	35	5.2	4.3
421352089043201	10-23-85	105	2,250	630	7.70	-134	12.5	88	42	5.5	1.0
421413089063801	04-30-86	6	20	--	--	--	--	84	42	13	1.3
421434089063501	11-12-85	5	--	--	--	--	--	89	47	13	1.1
	04-15-86	45	50	--	--	--	--	--	--	--	--
	05-05-86	15	50	--	--	--	--	--	--	--	--
421440089062901	04-15-86	15	--	--	--	--	--	91	44	20	.9
421440089062901	05-05-86	17	--	--	--	--	--	--	--	--	--
421440089063301	11-12-85	30	--	--	--	--	--	88	49	21	1.2
	05-05-86	15	--	--	--	--	--	--	--	--	--
421454089042301	10-23-85	115	--	805	7.60	6	12.5	110	51	9.4	1.9
421503089003401	01-08-86	10	--	--	--	--	--	80	41	9.7	.4
421520089051001	10-30-85	85	2,700	905	7.20	-132	13.0	120	50	25	3.7
421535089050301	03-20-85	>1440	2,030	940	6.80	-14	13.0	100	49	21	2.7
	06-05-85	60	E2,000	910	7.20	-27	13.5	--	--	--	--
	10-29-85	>1440	--	925	7.00	-76	13.0	120	55	25	3.0
	12-16-86	48	2,000	960	7.00	50	12.0	110	51	19	1.9
	05-18-87	45	--	970	7.00	25	13.0	120	52	24	1.9
421611089031101	10-29-85	260	1,800	650	7.00	-117	12.0	90	42	5.6	1.2
421613088580301	11-07-85	830	--	800	7.60	-95	11.5	110	54	7.3	1.1
421614089045001	10-30-85	65	--	700	7.30	-139	13.0	100	47	8.9	1.6
421656089031301	10-29-85	330	--	590	7.00	-141	12.5	83	38	4.7	1.2
421711089061101	10-29-85	63	--	830	7.00	-124	12.5	97	52	25	2.8
	06-09-86	39	--	950	7.00	-107	12.5	--	--	--	--
421719089041201	10-30-85	60	--	870	7.20	-8	13.5	98	44	43	2.7
421740089024901	11-06-85	60	50	685	7.20	69	12.0	89	44	5.3	1.1
	06-13-86	60	40	710	7.20	--	12.0	--	--	--	--
421837089025701	05-29-85	240	1,460	750	7.20	-134	13.0	90	40	21	2.7
	05-29-85	--	--	--	--	--	--	--	--	--	--
	11-13-85	360	1,400	790	7.00	-151	13.0	94	43	23	3.0
	12-12-85	250	1,400	780	7.20	138	13.0	--	--	--	--
	05-08-86	265	1,300	810	7.00	-138	12.5	--	--	--	--
	08-06-86	310	1,600	802	7.20	-40	13.0	--	--	--	--
	12-11-86	95	1,650	765	7.20	-126	13.5	--	--	--	--

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				Whiteside County--Continued							
414541089420101	12-10-86	--	263	34	24	0.1	17	391	<0.10	0.61	0.15
414548089441301	02-26-87	--	261	34	9.7	.1	15	321	<.10	.17	.04
414550089420301	12-10-86	--	256	37	33	<.1	15	432	.89	.19	.07
414551089440101	02-26-87	--	260	44	19	<.1	12	352	5.00	<.10	.02
414617090141501	04-02-85	265	257	32	6.1	.1	27	348	2.60	<.10	.08
	06-04-85	267	--	--	--	--	--	--	--	--	--
	06-23-86	271	--	31	6.0	.1	--	414	3.10	<.10	.08
414617090141601	06-23-86	288	--	34	8.0	.1	--	378	.88	<.10	.14
414709090130901	06-23-86	263	263	55	36	.6	--	410	<.10	.60	<.01
414804089440301	06-25-86	375	375	85	49	.1	--	612	<.10	.37	.13
415142090092301	12-02-86	--	274	27	11	.4	23	359	<.10	<.10	.20
				Will County							
413323087594501	03-19-85	290	287	200	15	.2	14	637	<.10	.10	<.01
				Winnebago County							
421116089053901	10-23-85	301	--	--	--	--	<5.0	--	4.30	<.10	.01
421212089062501	03-20-85	310	320	18	2.6	.2	12	350	<.10	.18	.01
	06-05-85	306	--	--	--	--	--	--	--	--	--
	10-23-85	309	305	22	5.3	.2	--	346	.11	.20	.01
421239089060301	11-06-85	331	324	78	39	<.1	16	603	7.40	<.10	.01
	06-03-86	--	--	--	--	--	--	--	--	--	--
	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421241089062801	11-06-85	343	339	43	140	<.1	15	723	5.00	<.10	.01
	06-03-86	--	--	--	--	--	--	--	--	--	--
	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421246089053201	10-23-85	296	292	55	18	.1	11	407	.47	<.10	.01
421248089060901	11-06-85	342	336	120	30	<.1	16	635	10.0	<.10	.01
	06-03-86	--	--	--	--	--	--	--	--	--	--

	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421248089062801	11-06-85	323	320	43	76	<.1	15	604	7.30	<.10	<.01
	06-03-86	--	--	--	--	--	--	--	--	--	--
	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421326089042801	01-07-86	293	293	44	72	<.1	--	622	7.90	<.10	<.01
421352089043201	10-23-85	293	292	62	15	.1	13	431	2.50	<.10	.65
421413089063801	04-30-86	--	303	44	23	.1	14	483	8.40	<.10	<.01
421434089063501	11-12-85	--	307	76	36	.1	12	521	.61	.10	.01
	04-15-86	--	--	--	--	--	--	--	--	--	--
	05-05-86	--	--	--	--	--	--	--	--	--	--
421440089062901	04-15-86	--	325	77	54	.1	--	635	<.10	<.10	<.01
421440089062901	05-05-86	--	--	--	--	--	13	--	--	--	--
421440089063301	11-12-85	--	229	46	51	.1	16	532	9.90	<.10	.02
	05-05-86	--	--	--	--	--	--	--	--	--	--
421454089042301	10-23-85	338	336	65	42	.1	17	559	3.20	<.10	<.01
421503089003401	01-08-86	--	313	38	26	2.0	--	481	2.20	<.10	<.01
421520089051001	10-30-85	357	340	100	57	<.1	12	634	.18	<.10	.12
421535089050301	03-20-85	349	356	84	68	<.1	16	669	2.30	<.10	1.00
	06-05-85	346	--	--	--	--	--	--	--	--	--
	10-29-85	347	335	89	69	<.1	16	713	2.10	<.10	<.01
	12-16-86	--	358	87	66	.1	--	--	2.00	<.10	.02
	05-18-87	--	347	86	70	<.1	16	731	2.20	<.10	.02
421611089031101	10-29-85	332	317	40	17	.1	15	472	<.10	<.10	.02
421613088580301	11-07-85	--	339	60	46	.2	20	580	<.10	<.10	.04
421614089045001	10-30-85	322	306	62	28	.1	15	496	.79	.18	.08
421656089031301	10-29-85	315	301	32	8.0	.1	15	412	<.10	.15	.02
421711089061101	10-29-85	340	324	71	54	<.1	11	593	<.10	.29	.08
	06-09-86	--	--	--	--	--	--	--	--	--	--
421719089041201	10-30-85	298	287	43	99	<.1	12	681	4.30	.12	<.01
421740089024901	11-06-85	318	313	55	18	<.1	16	467	2.60	<.10	<.01
	06-13-86	--	--	--	--	--	--	--	--	--	--
421837089025701	05-29-85	337	329	42	47	.1	13	505	<.10	.64	.04
	05-29-85	--	--	--	--	--	--	--	--	--	--
	11-13-85	346	333	40	49	.1	14	426	<.10	.54	.04
	12-12-85	345	--	--	--	--	--	--	--	--	--
	05-08-86	--	--	--	--	--	--	--	--	--	--
	08-06-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Whiteside County--Continued							
414541089420101	12-10-86	<50	20	100	<0.5	<50	<3	<5	6	<5	4,200
414548089441301	02-26-87	60	6	100	<.5	<50	<3	7	10	<5	1,700
414550089420301	12-10-86	<50	7	200	<.5	<50	<3	<5	6	<5	2,300
414551089440101	02-26-87	<50	<1	40	<.5	<50	<3	<5	<5	<5	<50
414617090141501	04-02-85	<50	<1	50	<.5	<50	5	7	7	8	<50
	06-04-85	--	--	--	--	--	--	--	--	--	--
	06-23-86	1,200	<1	60	<1.0	<50	<3	<5	<5	10	200
414617090141601	06-23-86	<50	<1	40	<1.0	60	<3	<5	<5	<5	170
414709090130901	06-23-86	<50	<1	40	<1.0	270	<3	<5	<5	<5	170
414804089440301	06-25-86	90	<1	200	<2.0	90	<3	<5	<5	<5	6,200
415142090092301	12-02-86	<50	7	200	<.5	<50	<3	<5	<5	79	760
				Will County							
413323087594501	03-19-85	<50	2	20	<.5	100	<3	<5	<5	6	930
				Winnebago County							
421116089053901	10-23-85	<50	<1	80	<.5	<50	<3	<5	<5	<5	<50
421212089062501	03-20-85	60	5	500	<.5	<50	<3	<5	<5	<5	670
	06-05-85	--	--	--	--	--	--	--	--	--	--
	10-23-85	<50	3	400	<.5	<50	<3	<5	<5	<5	790
421239089060301	11-06-85	<50	<1	100	<.5	<50	<3	<5	<5	20	<50
	06-03-86	--	--	--	--	--	--	--	--	--	--
	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421241089062801	11-06-85	1,400	<1	200	<.5	<50	<3	<5	<5	7	70
	06-03-86	--	--	--	--	--	--	--	--	--	--
	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421246089053201	10-23-85	<50	<1	200	<.5	<50	<3	<5	<5	<5	<50
421248089060901	11-06-85	<50	<1	90	<.5	<50	<3	<5	<5	<5	<50
	06-03-86	--	--	--	--	--	--	--	--	--	--

	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421248089062801	11-06-85	<50	<1	100	<.5	<50	<3	<5	<5	10	<50
	06-03-86	--	--	--	--	--	--	--	--	--	--
	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421326089042801	01-07-86	<50	<1	1,400	<.5	<50	<3	<5	<5	<5	420
421352089043201	10-23-85	<50	1	100	<.5	<50	<3	<5	<5	<5	1,100
421413089063801	04-30-86	<50	<1	50	<.5	<50	<3	<5	<5	<5	<50
421434089063501	11-12-85	<50	<1	200	<.5	<50	<3	<5	<5	<5	120
	04-15-86	--	--	--	--	--	--	--	--	--	--
	05-05-86	--	--	--	--	--	--	--	--	--	--
421440089062901	04-15-86	<50	4	100	<.5	320	6	<5	20	7	360
421440089062901	05-05-86	--	--	--	--	--	--	--	--	--	--
421440089063301	11-12-85	<50	<1	70	<.5	<50	<3	<5	<5	<5	<50
	05-05-86	--	--	--	--	--	--	--	--	--	--
421454089042301	10-23-85	<50	<1	70	<.5	<50	<3	<5	<5	14	<50
421503089003401	01-08-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	70
421520089051001	10-30-85	<50	<1	300	<.5	130	<3	<5	<5	<5	2,200
421535089050301	03-20-85	<50	<1	70	<.5	60	<3	<5	<5	<5	230
	06-05-85	--	--	--	--	--	--	--	--	--	--
	10-29-85	<50	<1	80	<.5	70	<3	<5	<5	<5	360
	12-16-86	<50	<1	90	<.5	60	<3	<5	7	<5	240
	05-18-87	<50	<1	90	<.5	60	<3	<5	5	<5	210
421611089031101	10-29-85	<50	<1	100	<.5	<50	<3	<5	<5	<5	870
421613088580301	11-07-85	160	<1	50	<.5	<50	<3	<5	<5	<5	2,100
421614089045001	10-30-85	<50	<1	200	<.5	<50	<3	<5	6	21	1,100
421656089031301	10-29-85	<50	<1	200	<.5	<50	<3	<5	<5	<5	1,400
421711089061101	10-29-85	<50	<1	100	<.5	110	<3	<5	<5	<5	1,700
	06-09-86	--	--	--	--	--	--	--	--	--	--
421719089041201	10-30-85	<50	<1	80	<.5	70	<3	<5	<5	<5	<50
421740089024901	11-06-85	<50	<1	60	<.5	--	<3	<5	<5	<5	<50
	06-13-86	--	--	--	--	--	--	--	--	--	--
421837089025701	05-29-85	<50	10	300	<.5	100	<3	<5	<5	<5	2,000
	05-29-85	--	--	--	--	--	--	--	--	--	--
	11-13-85	<50	7	400	<.5	80	<3	<5	<5	<5	2,100
	12-12-85	--	--	--	--	--	--	--	--	--	--
	05-08-86	--	--	--	--	--	--	--	--	--	--
	08-06-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recov-erable (µg/L as Pb)	Manga-nese, total recov-erable (µg/L as Mn)	Mercury total recov-erable (µg/L as Mg)	Nickel, total recov-erable (µg/L as Ni)	Sele-nium, total (µg/L as Se)	Silver, total recov-erable (µg/L as Ag)	Stron-tium, total recov-erable (µg/L as Sr)	Vana-dium, total (µg/L as V)	Zinc, total recov-erable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Whiteside County--Continued							
414541089420101	12-10-86	<5	52	<0.05	<5	<1	<3	130	<5	<50	<0.01
414548089441301	02-26-87	<5	94	<.05	12	<1	7	110	8	<50	<.01
414550089420301	12-10-86	<5	93	<.05	<5	<1	<3	120	<5	<50	<.01
414551089440101	02-26-87	<5	<5	<.05	<5	<1	<3	110	<5	<100	<.01
414617090141501	04-02-85	14	270	<.10	12	1	7	80	6	<50	<.01
	06-04-85	--	--	--	--	--	--	--	--	--	--
	06-23-86	<5	180	<.01	<5	<1	<3	90	<5	<50	<.01
414617090141601	06-23-86	<5	230	<.01	<5	<1	<3	80	<5	<50	<.01
414709090130901	06-23-86	<5	5	<.01	<5	<1	<3	2,700	<5	<50	<.01
414804089440301	06-25-86	<5	470	<.01	9	<1	<3	120	<5	<50	<.01
415142090092301	12-02-86	<5	470	<.05	<5	<1	<3	490	<5	<50	<.01
				Will County							
413323087594501	03-19-85	<5	62	<.10	<5	<1	<5	570	<5	<50	<.01
				Winnebago County							
421116089053901	10-23-85	<5	<5	<.01	<5	1	<3	70	<5	<50	<.01
421212089062501	03-20-85	<5	120	<.10	<5	<1	<3	220	<5	<50	<.01
	06-05-85	--	--	--	--	--	--	--	--	--	--
	10-23-85	<5	130	<.01	<5	<1	<3	200	<5	<50	<.01
421239089060301	11-06-85	<5	<5	<.01	<5	<1	<3	100	<5	<50	<.01
	06-03-86	--	--	--	--	--	--	--	--	--	--
	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421241089062801	11-06-85	<5	69	<.01	<5	3	<3	110	<5	120	<.01
	06-03-86	--	--	--	--	--	--	--	--	--	--
	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421246089053201	10-23-85	<5	590	<.01	<5	<1	<3	120	<5	<50	<.01
421248089060901	11-06-85	<5	<5	<.01	<5	<1	<3	90	<5	<50	<.01
	06-03-86	--	--	--	--	--	--	--	--	--	--

	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	-	--	--	--
421248089062801	11-06-85	<5	<5	<.01	<5	<1	<3	90	<5	<50	<.01
	06-03-86	--	--	--	--	--	--	--	--	--	--
	09-04-86	--	--	--	--	--	--	--	--	--	--
	12-09-86	--	--	--	--	--	--	--	--	--	--
421326089042801	01-07-86	<5	8	<.01	<5	<1	<3	490	<5	<50	<.01
421352089043201	10-23-85	<5	290	<.01	<5	<1	<3	60	<5	<50	<.01
421413089063801	04-30-86	<5	<5	.01	<5	<1	4	70	<5	<50	<.01
421434089063501	11-12-85	<5	21	.12	<5	<1	<3	80	<5	<50	<.01
	04-15-86	--	--	--	--	--	--	--	--	--	--
	05-05-86	--	--	--	--	--	--	--	--	--	--
421440089062901	04-15-86	<5	19	.07	22	<1	<3	80	6	<50	<.01
421440089062901	05-05-86	--	--	--	--	--	--	--	--	--	--
421440089063301	11-12-85	<5	<5	<.01	<5	<1	<3	80	<5	<50	<.01
	05-05-86	--	--	--	--	--	--	--	--	--	--
421454089042301	10-23-85	<5	14	<.01	<5	1	<3	80	<5	<50	<.01
421503089003401	01-08-86	<5	<5	<.01	<5	1	<3	70	<5	210	<.01
421520089051001	10-30-85	<5	300	<.01	<5	2	<3	110	<5	<50	<.01
421535089050301	03-20-85	<5	190	<.10	<5	1	<3	120	<5	<50	<.01
	06-05-85	--	--	--	--	--	--	--	--	--	--
	10-29-85	<5	210	.08	<5	2	<3	110	<5	<50	<.01
	12-16-86	<5	150	.08	<5	<1	<3	110	<5	<50	<.01
	05-18-87	<5	150	<.05	<5	1	<3	120	<5	<50	<.01
421611089031101	10-29-85	<5	170	<.01	<5	1	<3	80	<5	<50	<.01
421613088580301	11-07-85	<5	61	<.01	<5	<1	<3	120	<5	<100	<.01
421614089045001	10-30-85	<5	180	<.01	6	<1	4	100	<5	<50	<.01
421656089031301	10-29-85	<5	140	<.01	<5	<1	<3	100	<5	<50	<.01
421711089061101	10-29-85	<5	520	<.01	<5	1	<3	90	<5	<50	<.01
	06-09-86	--	--	--	--	--	--	--	--	--	--
421719089041201	10-30-85	<5	110	<.01	<5	2	<3	70	<5	<50	<.01
421740089024901	11-06-85	<5	<5	<.01	<5	<1	<3	80	<5	<50	<.01
	06-13-86	--	--	--	--	--	--	--	--	--	--
421837089025701	05-29-85	<5	81	<.01	<5	<1	<3	110	<5	<50	<.01
	05-29-85	--	--	--	--	--	--	--	--	--	--
	11-13-85	<5	91	<.01	<5	<1	<3	110	<5	<50	<.01
	12-12-85	--	--	--	--	--	--	--	--	--	--
	05-08-86	--	--	--	--	--	--	--	--	--	--
	08-06-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Whiteside County--Continued						
414541089420101	12-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414548089441301	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414550089420301	12-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414551089440101	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414617090141501	04-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-04-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414617090141601	06-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
414709090130901	06-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414804089440301	06-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415142090092301	12-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Will County						
413323087594501	03-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
				Winnebago County						
421116089053901	10-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	4.2
421212089062501	03-20-85	<5	--	--	--	--	--	--	--	--
	06-05-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-23-85	<5	--	--	--	--	--	--	--	--
421239089060301	11-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-03-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-04-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-09-86	--	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
421241089062801	11-06-85	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	--
	06-03-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-04-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-09-86	--	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
421246089053201	10-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421248089060901	11-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-03-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

	09-04-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-09-86	--	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
421248089062801	11-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-03-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-04-86	--	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-09-86	--	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
421326089042801	01-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421352089043201	10-23-85	5	--	--	--	--	--	--	--	--
421413089063801	04-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421434089063501	11-12-85	10	--	--	--	--	--	--	--	--
	04-15-86	--	--	--	--	--	--	--	--	--
	05-05-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421440089062901	04-15-86	15	--	--	--	--	--	--	--	--
421440089062901	05-05-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421440089063301	11-12-85	<5	--	--	--	--	--	--	--	--
	05-05-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421454089042301	10-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421503089003401	01-08-86	<5	<1.0	1.9	2.2	1.7	<1.0	<1.0	<1.0	--
421520089051001	10-30-85	<5	--	--	--	--	--	--	--	--
421535089050301	03-20-85	<5	--	--	--	--	--	--	--	--
	06-05-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-29-85	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421611089031101	10-29-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421613088580301	11-07-85	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421614089045001	10-30-85	<5	--	--	--	--	--	--	--	--
421656089031301	10-29-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421711089061101	10-29-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	8.5	<1.0	--
	06-09-86	--	--	--	--	--	--	--	--	--
421719089041201	10-30-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421740089024901	11-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-13-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421837089025701	05-29-85	<5	1.1	1.7	2.6	2.6	<1.0	12	4.2	--
	05-29-85	--	1.3	<1.0	<1.0	<1.0	<1.0	4.1	5.8	--
	11-13-85	<5	--	--	--	--	--	--	--	--
	12-12-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	12	4.0	--
	05-08-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	--	4.0	36
	08-06-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	13
	12-11-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	19

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Whiteside County--Continued					
414541089420101	12-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414548089441301	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414550089420301	12-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414551089440101	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414617090141501	04-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-04-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414617090141601	06-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
414709090130901	06-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414804089440301	06-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415142090092301	12-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Will County					
413323087594501	03-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Winnebago County					
421116089053901	10-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421212089062501	03-20-85	--	--	--	--	--	--	--	--	--
	06-05-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-23-85	--	--	--	--	--	--	--	--	--
421239089060301	11-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-03-86	<1.0	<1.0	<1.0	20.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-04-86	<1.0	<1.0	<1.0	24.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-09-86	<1.0	<1.0	<1.0	16.0	<1.0	<1.0	<1.0	<1.0	<1.0
421241089062801	11-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421246089053201	10-23-85	<1.0	<1.0	<1.0	20.8	<1.0	<1.0	<1.0	<1.0	<1.0
421248089060901	11-06-85	<1.0	<1.0	<1.0	24.6	<1.0	<1.0	<1.0	<1.0	<1.0
	06-03-86	<1.0	<1.0	<1.0	33.0	<1.0	<1.0	<1.0	<1.0	<1.0

	09-04-86	<1.0	<1.0	<1.0	44.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-09-86	<1.0	<1.0	<1.0	24.0	<1.0	<1.0	<1.0	<1.0	<1.0
421248089062801	11-06-85	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-04-86	<1.0	<1.0	<1.0	25.0	<1.0	<1.0	<1.0	<1.0	1.0
	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421326089042801	01-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421352089043201	10-23-85	--	--	--	--	--	--	--	--	--
421413089063801	04-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421434089063501	11-12-85	--	--	--	--	--	--	--	--	--
	04-15-86	--	--	--	--	--	--	--	--	--
	05-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421440089062901	04-15-86	--	--	--	--	--	--	--	--	--
421440089062901	05-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421440089063301	11-12-85	--	--	--	--	--	--	--	--	--
	05-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421454089042301	10-23-85	<1.0	<1.0	<1.0	2.4	3.4	<1.0	<1.0	<1.0	<1.0
421503089003401	01-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421520089051001	10-30-85	--	--	--	--	--	--	--	--	--
421535089050301	03-20-85	--	--	--	--	--	--	--	--	--
	06-05-85	<1.0	4.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-29-85	<1.0	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-18-87	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421611089031101	10-29-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421613088580301	11-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421614089045001	10-30-85	--	--	--	--	--	--	--	--	--
421656089031301	10-29-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421711089061101	10-29-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-09-86	--	--	--	--	--	--	--	--	--
421719089041201	10-30-85	<1.0	<1.0	<1.0	1.2	15	<1.0	<1.0	<1.0	<1.0
421740089024901	11-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421837089025701	05-29-85	<1.0	<1.0	<1.0	2.5	<1.0	<1.0	<1.0	<1.0	<1.0
	05-29-85	<1.0	<1.0	<1.0	3.6	<1.0	<1.0	<1.0	<1.0	<1.0
	11-13-85	--	--	--	--	--	--	--	--	--
	12-12-85	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	<1.0	<1.0	<1.0
	05-08-86	1.0	1.0	<1.0	3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-06-86	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-11-86	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Winnebago County--Continued			
421850089025501	05-29-85	1205	Loves Park Well No. 2	17002	17002	65.00
	11-13-85	1115	Loves Park Well No. 2	17002	17002	63.00
	12-12-85	1045	Loves Park Well No. 2	17002	17002	61.00
	05-08-86	0955	Loves Park Well No. 2	17002	17002	62.00
	08-06-86	1005	Loves Park Well No. 2	17002	17002	61.00
	12-11-86	1020	Loves Park Well No. 2	17002	17002	60.00
421956089034301	10-29-85	0905	Rockford Water Department Well No. 23	17002	17002	37.00
	06-09-86	0940	Rockford Water Department Well No. 23	17002	17002	35.00
422033089033201	10-21-85	1320	North Park Well No. 2	17002	17002	36.00
	06-04-86	0945	North Park Well No. 2	17002	17002	30.00
422048089025901	10-31-85	1155	North Park Well No. 4	17002	17002	44.00
422102089023901	10-21-85	1140	North Park Well No. 3	17002	17002	74.00
	06-04-86	1040	North Park Well No. 3	17002	17002	40.00
422123089023301	11-13-85	1335	Rainbow Lane Mobile Home Park Well No. 1	17002	17002	--
	11-21-85	1355	Rainbow Lane Mobile Home Park Well No. 1	17002	17002	--
422245089012901	10-21-85	0955	North Park Well No. 5	17002	17002	78.00
422257089015801	05-21-86	1134	Phil Aire Estates Mobile Home Park No. 2	17002	17002	--
422718089022801	10-16-85	1100	Goldie B Floberg Center Well No. 1	17002	17002	--
	06-05-86	1317	Goldie B Floberg Center Well No. 1	17002	17002	--
	09-30-86	1439	Goldie B Floberg Center Well No. 1	17002	17002	--
	12-11-86	1113	Goldie B Floberg Center Well No. 1	17002	17002	--
422719089022801	06-05-85	1328	Goldie B Floberg Center Well No. 2	17002	17002	--
	10-16-85	1115	Goldie B Floberg Center Well No. 2	17002	17002	--
	09-30-86	1445	Goldie B Floberg Center Well No. 2	17002	17002	--
	12-11-86	1128	Goldie B Floberg Center Well No. 2	17002	17002	--
422723089034001	10-15-85	1505	Rockton Well No. 5	17002	17002	--
	05-09-86	1400	Rockton Well No. 5	17002	17002	--
	08-21-86	0900	Rockton Well No. 5	17002	17002	--

Woodford County

403743089165001	03-18-86	1045	Goodfield Well No. 2	17002	17002	--
403745089163601	03-18-86	0945	Goodfield Well No. 1	17002	17002	223.00
403824089154101	06-17-87	1030	Timberline Mobile Home Park Well No. 1	17002	17002	--
404124089194501	06-17-87	0855	Eureka Well No. 5	17002	17002	--
404125089200601	06-17-87	0925	Eureka Well No. 6	17002	17002	--
404418089011801	02-03-86	1435	El Paso Well No. 2	17002	17002	--
404418089011802	02-03-86	1340	El Paso Well No. 1	17002	17002	--
404429089080601	01-21-86	1250	Secor Well No. 2	17002	17002	--
404429089080602	01-21-86	1105	Secor Well No. 3	17002	17002	--
404544089282101	01-23-86	1025	Caterpillar Trails Public Water District Well No. 1	17002	17002	305.00
404545089282201	01-23-86	1120	Caterpillar Trails Public Water District Well No. 2	17002	17002	--
404706089240301	03-19-86	1030	Metamora Well No. 6	17002	17002	120.00
404706089241001	04-02-86	1120	Metamora Well No. 7	17002	17002	55.00
404739089114901	02-04-86	1045	Roanoke Well No. 5	17002	17002	--
404739089115101	02-04-86	1150	Roanoke Well No. 3	17002	17002	--
404753089212201	01-28-86	1135	Metamora Well No. 5	17002	17002	142.00
404831089261101	01-23-86	0905	Oakridge Sanitary District Well No. 2	17002	17002	--
404832089285301	02-03-86	1055	Cedar Hills Home Owners Association Well No. 1	17002	17002	--
405056089070501	02-05-86	1115	Benson Well No. 5	17002	17002	--
405103089072401	02-05-86	1230	Benson Well No. 4	17002	17002	--
405216089183401	06-18-87	1215	Low Point Well No. 7	17002	17002	--
405216089183402	06-18-87	1240	Low Point Well No. 8	17002	17002	--
405513089173001	01-22-86	1035	Washburn Well No. 1	17002	17002	--
405513089173002	01-22-86	1130	Washburn Well No. 2	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Winnebago County--Continued							
421850089025501	05-29-85	90	2,400	695	7.30	-176	13.5	84	38	17	2.5
	11-13-85	60	2,400	710	7.10	-164	13.5	89	40	17	2.3
	12-12-85	60	2,450	720	7.20	-155	13.0	--	--	--	--
	05-08-86	40	2,450	750	6.90	-134	12.5	--	--	--	--
	08-06-86	32	2,350	735	7.40	-187	13.0	--	--	--	--
	12-11-86	20	2,400	710	7.20	-138	13.5	--	--	--	--
421956089034301	10-29-85	--	1,700	580	7.20	-78	12.5	77	37	6.6	1.4
	06-09-86	100	1,900	605	7.27	--	11.5	--	--	--	--
422033089033201	10-21-85	60	900	570	7.20	255	12.5	79	37	6.1	1.3
	06-04-86	30	2,650	605	7.10	332	12.0	--	--	--	--
422048089025901	10-31-85	80	3,200	590	7.50	67	12.0	83	39	7.8	1.6
422102089023901	10-21-85	60	3,800	585	7.50	251	12.0	71	34	12	2.0
	06-04-86	30	3,750	600	7.20	345	11.5	--	--	--	--
422123089023301	11-13-85	3	20	--	--	--	--	79	37	41	3.7
	11-21-85	5	--	--	--	--	--	--	--	--	--
422245089012901	10-21-85	60	3,400	610	7.60	187	12.0	84	40	6.2	1.4
422257089015801	05-21-86	5	20	635	7.20	230	12.0	79	35	5.3	.9
422718089022801	10-16-85	30	--	--	--	--	--	75	52	24	1.8
	06-05-86	--	--	--	--	--	--	--	--	--	--
	09-30-86	18	30	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--
422719089022801	06-05-85	--	--	--	--	--	--	--	--	--	--
	10-16-85	45	--	--	--	--	--	64	41	2.7	1.8
	09-30-86	45	--	--	--	--	--	--	--	--	--
	12-11-86	2	--	--	--	--	--	--	--	--	--
422723089034001	10-15-85	59	750	570	7.40	217	11.5	77	37	20	2.3
	05-09-86	25	750	600	7.00	343	11.5	--	--	--	--
	08-21-86	36	750	606	7.40	211	11.0	--	--	--	--

Woodford County

403743089165001	03-18-86	--	150	1,040	7.10	-159	12.5	65	29	140	2.4
403745089163601	03-18-86	--	75	845	7.10	-187	13.5	75	34	78	1.8
403824089154101	06-17-87	25	100	--	7.50	--	17.0	59	25	180	2.4
404124089194501	06-17-87	20	700	840	7.10	-218	13.5	68	34	96	1.9
404125089200601	06-17-87	20	800	870	6.90	-195	13.0	78	37	81	2.6
404418089011801	02-03-86	--	345	735	7.10	-151	13.0	76	35	37	1.8
404418089011802	02-03-86	100	347	--	7.10	-169	13.0	72	33	40	1.9
404429089080601	01-21-86	410	E65	925	6.90	-137	12.5	110	53	28	3.2
404429089080602	01-21-86	305	E65	735	6.90	-137	12.5	93	43	18	2.3
404544089282101	01-23-86	85	100	520	7.10	-206	13.0	63	31	14	1.3
404545089282201	01-23-86	140	160	595	7.20	-202	13.0	64	32	27	1.5
404706089240301	03-19-86	>1,440	290	825	7.30	-169	13.0	72	37	66	2.4
404706089241001	04-02-86	--	E300	850	7.20	-195	13.0	67	38	86	2.6
404739089114901	02-04-86	225	400	1,960	6.80	-146	14.0	140	56	200	3.7
404739089115101	02-04-86	60	400	1,210	7.00	-275	13.0	100	38	120	3.0
404753089212201	01-28-86	155	154	710	7.40	-167	12.5	68	42	46	2.1
404831089261101	01-23-86	125	50	870	7.20	-213	13.5	69	38	60	2.3
404832089285301	02-03-86	235	235	560	7.50	130	12.5	62	30	14	1.4
405056089070501	02-05-86	135	65	--	7.20	-204	12.5	77	41	26	2.0
405103089072401	02-05-86	210	15	835	7.30	-209	13.0	91	51	21	2.5
405216089183401	06-18-87	75	20	675	7.40	480	14.5	59	29	40	1.7
405216089183402	06-18-87	25	20	565	7.40	256	14.5	58	29	38	1.3
405513089173001	01-22-86	215	E300	610	7.30	-152	13.0	62	32	46	2.0
405513089173002	01-22-86	90	125	595	7.40	-152	13.0	59	30	46	2.0

E Estimated.

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				Winnebago County--Continued							
421850089025501	05-29-85	325	312	41	36	0.1	15	495	<0.10	1.10	0.10
	11-13-85	327	314	42	37	.1	16	473	<.10	.60	.07
	12-12-85	327	--	--	--	--	--	--	--	--	--
	05-08-86	--	--	--	--	--	--	--	--	--	--
	08-06-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--
421956089034301	10-29-85	275	270	30	15	.1	12	415	2.90	<.10	.01
	06-09-86	--	--	--	--	--	--	--	--	--	--
422033089033201	10-21-85	260	259	34	18	.3	14	423	5.90	<.10	.02
	06-04-86	--	--	--	--	--	--	--	--	--	--
422048089025901	10-31-85	262	255	32	25	.1	14	451	5.50	<.10	.02
422102089023901	10-21-85	239	238	32	32	.3	14	414	4.60	<.10	.02
	06-04-86	--	--	--	--	--	--	--	--	--	--
422123089023301	11-13-85	--	272	29	72	<.1	14	524	7.20	.10	.03
	11-21-85	--	--	--	--	--	--	--	--	--	--
422245089012901	10-21-85	313	312	31	10	.1	15	416	2.10	<.10	<.01
422257089015801	05-21-86	--	276	38	13	.1	16	378	4.70	<.10	<.01
422718089022801	10-16-85	--	285	40	28	<.1	15	426	5.90	<.10	<.01
	06-05-86	--	--	--	--	--	--	--	--	--	--
	09-30-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--
422719089022801	06-05-85	--	--	--	--	--	--	--	--	--	--
	10-16-85	--	281	38	28	<.1	15	406	6.70	<.10	.01
	09-30-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--
422723089034001	10-15-85	262	275	32	16	.1	16	376	5.20	<.10	.01
	05-09-86	--	--	--	--	--	--	--	--	--	--
	08-21-86	--	--	--	--	--	--	--	--	--	--

Woodford County

403743089165001	03-18-86	541	570	<7.5	43	.4	18	627	<.10	6.90	.48
403745089163601	03-18-86	470	492	<10	15	.4	20	517	<.10	3.90	.42
403824089154101	06-17-87	--	592	<10	57	.3	17	686	<.10	8.40	.96
404124089194501	06-17-87	--	486	<10	25	.4	17	503	<.10	4.40	.52
404125089200601	06-17-87	--	498	<10	18	.4	18	542	.12	5.60	.42
404418089011801	02-03-86	432	439	<10	<1.0	.5	19	457	<.10	3.80	.11
404418089011802	02-03-86	423	429	<10	<1.0	.4	20	441	<.10	3.70	.11
404429089080601	01-21-86	585	594	<10	3.5	.4	29	551	<.10	12.0	.31
404429089080602	01-21-86	469	487	<10	<1.0	.6	27	471	<.10	6.50	.28
404544089282101	01-23-86	320	332	<10	1.2	.2	18	341	<.10	.90	.16
404545089282201	01-23-86	354	360	<10	5.2	.3	18	378	.10	1.50	.18
404706089240301	03-19-86	472	475	<10	9.1	.4	18	502	<.10	4.30	.37
404706089241001	04-02-86	--	495	<10	17	.4	18	537	<.10	4.60	.37
404739089114901	02-04-86	356	359	240	300	.2	9.2	1,220	<.10	.70	.06
404739089115101	02-04-86	370	376	82	170	.2	11	770	<.10	1.10	.07
404753089212201	01-28-86	450	487	<10	5.1	.5	19	462	<.10	3.50	.32
404831089261101	01-23-86	460	469	<10	8.4	.4	19	490	<.10	3.30	.46
404832089285301	02-03-86	316	314	<10	1.2	.2	17	341	<.10	.67	.18
405056089070501	02-05-86	432	436	<10	3.8	.5	20	445	<.10	2.40	.17
405103089072401	02-05-86	422	420	62	7.1	.5	18	527	<.10	.95	.40
405216089183401	06-18-87	--	343	<10	3.8	.6	16	378	<.10	.65	.05
405216089183402	06-18-87	--	343	<10	3.9	.6	16	325	<.10	.80	.08
405513089173001	01-22-86	370	381	<10	12	.6	19	392	.11	2.10	.20
405513089173002	01-22-86	366	382	<10	7.8	.6	19	383	<.10	1.60	.11

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Winnebago County--Continued							
421850089025501	05-29-85	<50	5	200	<0.5	90	<3	<5	<5	<5	1,800
	11-13-85	<50	3	200	<.5	<50	<3	<5	<5	<5	1,900
	12-12-85	--	--	--	--	--	--	--	--	--	--
	05-08-86	--	--	--	--	--	--	--	--	--	--
	08-06-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--
421956089034301	10-29-85	<50	3	200	<.5	<50	<3	<5	<5	<5	230
	06-09-86	--	--	--	--	--	--	--	--	--	--
422033089033201	10-21-85	<50	<1	70	<.5	<50	<3	<5	<5	<5	<50
	06-04-86	--	--	--	--	--	--	--	--	--	--
422048089025901	10-31-85	<50	<1	80	<.5	<50	<3	5	<5	<5	<50
422102089023901	10-21-85	<50	<1	60	<.5	<50	<3	<5	<5	<5	<50
	06-04-86	--	--	--	--	--	--	--	--	--	--
422123089023301	11-13-85	<50	<1	80	<.5	60	<3	<5	<5	9	80
	11-21-85	--	--	--	--	--	--	--	--	--	--
422245089012901	10-21-85	<50	<1	50	<.5	<50	<3	<5	<5	<5	<50
422257089015801	05-21-86	<50	<1	30	<.5	<50	<3	<5	<5	<5	<50
422718089022801	10-16-85	<50	<1	40	<.5	240	<3	<5	6	<5	800
	06-05-86	--	--	--	--	--	--	--	--	--	--
	09-30-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--
422719089022801	06-05-85	--	--	--	--	--	--	--	--	--	--
	10-16-85	<50	<1	30	<.5	<50	<3	<5	<5	<5	90
	09-30-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--
422723089034001	10-15-85	<50	<1	40	<.5	110	<3	<5	<5	27	50
	05-09-86	--	--	--	--	--	--	--	--	--	--
	08-21-86	--	--	--	--	--	--	--	--	--	--

Woodford County

403743089165001	03-18-86	<50	22	300	<.5	290	<3	<5	<5	<5	2,200
403745089163601	03-18-86	<50	14	300	<.5	210	<3	<5	<5	<5	3,000
403824089154101	06-17-87	470	32	400	<1.0	260	<3	<5	<5	15	1,900
404124089194501	06-17-87	<50	18	300	<.5	220	<3	<5	<5	<5	3,300
404125089200601	06-17-87	<50	32	400	<1.0	280	<3	<5	<5	16	5,200
404418089011801	02-03-86	<50	1	100	<.5	480	<3	<5	<5	<5	1,200
404418089011802	02-03-86	<50	<1	100	<.5	520	<3	<5	<5	9	940
404429089080601	01-21-86	<50	27	400	<.5	210	<3	<5	<5	<5	4,600
404429089080602	01-21-86	<50	25	300	<1.0	130	<3	<5	<5	6	3,800
404544089282101	01-23-86	<50	3	200	<.5	70	<3	<5	<5	<5	2,600
404545089282201	01-23-86	<50	4	200	<.5	100	<3	<5	<5	<5	2,900
404706089240301	03-19-86	<50	5	300	<.5	250	<3	<5	<5	<5	2,900
404706089241001	04-02-86	<50	22	400	<.5	270	<3	<5	<5	<5	3,100
404739089114901	02-04-86	<50	2	80	<.5	280	<3	<5	<5	<5	1,200
404739089115101	02-04-86	<50	<1	100	<.5	170	<3	<5	<5	<5	590
404753089212201	01-28-86	<50	4	200	<.5	220	<3	<5	<5	<5	2,300
404831089261101	01-23-86	<50	7	300	<1.0	260	<3	<5	<5	<5	3,300
404832089285301	02-03-86	<50	10	200	<.5	70	<3	<5	<5	<5	1,700
405056089070501	02-05-86	<50	<1	200	<.5	220	<3	<5	<5	<5	950
405103089072401	02-05-86	<50	2	200	<.5	200	<3	<5	<5	<5	3,300
405216089183401	06-18-87	<50	7	300	<.5	160	<3	<5	<5	<5	2,400
405216089183402	06-18-87	<50	7	300	<1.0	120	<3	<5	<5	7	2,400
405513089173001	01-22-86	<50	1	200	<.5	170	<3	<5	<5	<5	1,600
405513089173002	01-22-86	<50	<1	200	<.5	170	<3	<5	<5	<5	1,400

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Winnebago County--Continued							
421850089025501	05-29-85	<5	59	<0.01	<5	<1	<3	120	<5	<50	<0.01
	11-13-85	<5	64	<.01	<5	<1	<3	120	<5	<50	<.01
	12-12-85	--	--	--	--	--	--	--	--	--	--
	05-08-86	--	--	--	--	--	--	--	--	--	--
	08-06-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--
421956089034301	10-29-85	<5	58	.06	<5	1	<3	90	<5	<50	<.01
	06-09-86	--	--	--	--	--	--	--	--	--	--
422033089033201	10-21-85	<5	<5	<.01	<5	<1	<3	70	<5	<50	<.01
	06-04-86	--	--	--	--	--	--	--	--	--	--
422048089025901	10-31-85	<5	<5	<.01	<5	1	<3	70	<5	<50	<.01
422102089023901	10-21-85	<5	<5	<.01	<5	<1	<3	70	<5	<50	<.01
	06-04-86	--	--	--	--	--	--	--	--	--	--
422123089023301	11-13-85	<5	<5	<.01	<5	<1	<3	60	<5	<50	<.01
	11-21-85	--	--	--	--	--	--	--	--	--	--
422245089012901	10-21-85	<5	<5	<.01	<5	<1	<3	70	<5	<50	<.01
422257089015801	05-21-86	<5	<5	<.01	<5	<1	<3	60	<5	<50	<.01
422718089022801	10-16-85	<5	13	.06	<5	1	4	1,200	<5	<50	<.01
	06-05-86	--	--	--	--	--	--	--	--	--	--
	09-30-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--
422719089022801	06-05-85	--	--	--	--	--	--	--	--	--	--
	10-16-85	<5	10	<.01	<5	<1	<3	80	<5	<50	<.01
	09-30-86	--	--	--	--	--	--	--	--	--	--
	12-11-86	--	--	--	--	--	--	--	--	--	--
422723089034001	10-15-85	<5	<5	<.01	<5	<1	<3	60	<5	110	<.01
	05-09-86	--	--	--	--	--	--	--	--	--	--
	08-21-86	--	--	--	--	--	--	--	--	--	--

Woodford County

403743089165001	03-18-86	<5	59	<.01	<5	<1	<3	500	<5	<50	<.01
403745089163601	03-18-86	<5	93	<.01	<5	<1	<3	560	<5	<50	<.01
403824089154101	06-17-87	<5	36	<.05	6	<1	4	440	5	<50	<.01
404124089194501	06-17-87	<5	56	<.05	<5	<1	<3	660	<5	<50	<.01
404125089200601	06-17-87	<5	64	<.05	10	<1	<3	590	<5	<50	<.01
404418089011801	02-03-86	<5	38	<.01	<5	<1	<3	770	<5	<50	<.01
404418089011802	02-03-86	<5	31	<.01	<5	<1	<3	730	<5	<50	<.01
404429089080601	01-21-86	<5	23	<.01	<5	1	<3	790	<5	<50	<.01
404429089080602	01-21-86	<5	25	<.01	<5	1	<3	640	<5	<50	<.01
404544089282101	01-23-86	<5	57	<.01	<5	<1	<3	260	<5	<50	<.01
404545089282201	01-23-86	<5	64	<.01	<5	<1	<3	310	<5	<50	<.01
404706089240301	03-19-86	<5	39	<.01	<5	<1	<3	690	<5	<50	<.01
404706089241001	04-02-86	<5	48	.01	<5	<1	<3	750	<5	<50	<.01
404739089114901	02-04-86	<5	510	<.01	<5	<1	<3	220	<5	<50	<.01
404739089115101	02-04-86	<5	220	<.01	<5	<1	<3	230	<5	<50	<.01
404753089212201	01-28-86	<5	27	<.01	<5	<1	<3	580	<5	<50	<.01
404831089261101	01-23-86	<5	52	<.01	<5	<1	<3	570	<5	<50	<.01
404832089285301	02-03-86	<5	71	<.01	<5	1	4	240	<5	<50	<.01
405056089070501	02-05-86	<5	20	<.01	<5	1	<3	940	<5	<50	<.01
405103089072401	02-05-86	<5	93	<.01	<5	1	<3	740	<5	<100	<.01
405216089183401	06-18-87	<5	16	<.05	<5	<1	<3	300	<5	<50	<.01
405216089183402	06-18-87	<5	17	<.05	<5	<1	5	360	6	<50	<.01
405513089173001	01-22-86	<5	30	<.01	<5	1	<3	390	<5	<50	<.01
405513089173002	01-22-86	<5	25	<.01	<5	<1	<3	310	<5	<50	<.01

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Winnebago County--Continued						
421850089025501	05-29-85	<5	27	<1.0	12	<1.0	<1.0	5.0	<1.0	--
	11-13-85	10	--	--	--	--	--	--	--	--
	12-12-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	8.9	2.5	--
	05-08-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	--	3.0	32
	08-06-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	38
	12-11-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	31
421956089034301	10-29-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-09-86	--	--	--	--	--	--	--	--	--
422033089033201	10-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-04-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422048089025901	10-31-85	<5	--	--	--	--	--	--	--	--
422102089023901	10-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-04-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422123089023301	11-13-85	<5	--	--	--	--	--	--	--	--
	11-21-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422245089012901	10-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422257089015801	05-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422718089022801	10-16-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.8	--
	06-05-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.0	<1.0
	09-30-86	--	<1.0	2.0	5.0	3.0	<1.0	<1.0	4.0	<1.0
	12-11-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	<1.0
422719089022801	06-05-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.0	<1.0
	10-16-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.3	--
	09-30-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	<1.0
	12-11-86	--	3.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	<1.0
422723089034001	10-15-85	<5	--	--	--	--	--	--	--	--
	05-09-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-21-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Woodford County

403743089165001	03-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403745089163601	03-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403824089154101	06-17-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404124089194501	06-17-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404125089200601	06-17-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404418089011801	02-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404418089011802	02-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404429089080601	01-21-86	<5	--	--	--	--	--	--	--	--
404429089080602	01-21-86	<5	--	--	--	--	--	--	--	--
404544089282101	01-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404545089282201	01-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404706089240301	03-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404706089241001	04-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404739089114901	02-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404739089115101	02-04-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404753089212201	01-28-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
404831089261101	01-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
404832089285301	02-03-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
405056089070501	02-05-86	<5	--	--	--	--	--	--	--	--
405103089072401	02-05-86	<5	--	--	--	--	--	--	--	--
405216089183401	06-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405216089183402	06-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405513089173001	01-22-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
405513089173002	01-22-86	5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0

Table 2.--Water-quality records for wells open primarily to the sand and gravel aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Winnebago County--Continued						
421850089025501	05-29-85	<1.0	<1.0	<1.0	2.3	<1.0	<1.0	1.3	<1.0	<1.0
	11-13-85	--	--	--	--	--	--	--	--	--
	12-12-85	<1.0	<1.0	<1.0	<1.0	5.1	<1.0	<1.0	<1.0	<1.0
	05-08-86	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-06-86	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	2.0	<1.0	<1.0
	12-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421956089034301	10-29-85	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-09-86	--	--	--	--	--	--	--	--	--
422033089033201	10-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422048089025901	10-31-85	--	--	--	--	--	--	--	--	--
422102089023901	10-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422123089023301	11-13-85	--	--	--	--	--	--	--	--	--
	11-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422245089012901	10-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422257089015801	05-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
422718089022801	10-16-85	<1.0	1.6	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0
	06-05-86	<1.0	3.0	<1.0	<1.0	<1.0	<1.0	--	--	--
	09-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-11-86	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422719089022801	06-05-85	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	--	--	--
	10-16-85	<1.0	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422723089034001	10-15-85	--	--	--	--	--	--	--	--	--
	05-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Woodford County

403743089165001	03-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403745089163601	03-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403824089154101	06-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404124089194501	06-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404125089200601	06-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404418089011801	02-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404418089011802	02-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404429089080601	01-21-86	--	--	--	--	--	--	--	--	--
404429089080602	01-21-86	--	--	--	--	--	--	--	--	--
404544089282101	01-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404545089282201	01-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404706089240301	03-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404706089241001	04-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404739089114901	02-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404739089115101	02-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404753089212201	01-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404831089261101	01-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
404832089285301	02-03-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405056089070501	02-05-86	--	--	--	--	--	--	--	--	--
405103089072401	02-05-86	--	--	--	--	--	--	--	--	--
405216089183401	06-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405216089183402	06-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405513089173001	01-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
405513089173002	01-22-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems

[min, minute; gal/min, gallons per minute; µS/cm, microsiemens per centimeter at 25° Celsius; mV, millivolts; deg. C, degrees Celsius; mg/L, milligrams per liter; µg/L, micrograms per liter; <, less than; >, greater than; dashes indicate no data]

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Adams County			
394705091105101	04-07-87	0905	Plainville Well No. 1	17002	17002	--
394907091143001	04-06-87	1500	Payson Well No. 1	17002	17002	--
394907091143002	04-06-87	1440	Payson Well No. 2	17002	17002	--
395743091230801	03-31-87	1445	Hidden Inn Mobile Home Park Well No. 1	17002	17002	--
395753091230001	04-01-87	1430	Wayside Trailer Mobile Home Park Well No. 1	17002	17002	--
395753091230002	04-01-87	1445	Wayside Trailer Mobile Home Park Well No. 2	17002	17002	--
395835091223901	03-31-87	0910	Rancho Vista Estate Mobile Home Park Well No. 1	17002	17002	--
400453091220201	04-06-87	1315	Ursa Well No. 1	17002	17002	--
400453091220501	04-08-87	0855	Mendon Well No. 8	17002	17002	--
400457091220501	04-08-87	0910	Mendon Well No. 9	17002	17002	--
400929091131301	04-06-87	1645	Loraine Well No. 1	17002	17002	--
401028091224601	04-06-87	1145	Lima Well No. 2	17002	17002	--
401048091224501	04-06-87	1220	Lima Well No. 1	17002	17002	--
			Brown County			
400022090522301	04-13-87	1310	Mound Station Well No. 1	17002	17002	--
			Christian County			
392913089034701	10-23-86	1230	Kemmerer Village Well No. 3	17002	17002	--
393650089103601	10-31-86	1130	Stonington Well No. 11	17002	17002	--
			Clark County			
392418087392101	04-15-86	1400	Marshall Well No. 3	17002	17002	--
			Clinton County			
383320089324101	03-25-86	1155	Germantown Well No. 1	17002	17002	--

			Effingham County			
385534088392201	06-04-87	1305	Edgewood Well No. 4	17002	17002	--
385542088380701	06-04-87	1225	Edgewood Well No. 3	17002	17002	--
			Greene County			
393146090272702	04-16-87	0900	Roodhouse Well No. 2 (South Well)	17002	17002	--
	04-16-87	0905	Roodhouse Well No. 2 (South Well)	17002	17002	--
			Grundy County			
411112088180601	06-10-87	1215	Gardner Well No. 1	17002	17002	263.00
411123088183001	06-10-87	1115	Gardner Well No. 2	17002	17002	146.00
			Hancock County			
401401091033001	01-30-86	1330	Bowen Well No. 7	17002	17002	--
401402091033401	01-30-86	1145	Bowen Well No. 6	17002	17002	--
401407091034101	01-30-86	1050	Bowen Well No. 2	17002	17002	--
401413091034701	01-15-86	1530	Bowen Well No. 8	17002	17002	--
403718091140801	09-12-86	1025	Leisureland Mobile Home Park Well No. 1	17002	17002	--
403718091141001	09-12-86	1055	Leisureland Mobile Home Park Well No. 2	17002	17002	--
403719091140801	09-12-86	1120	Leisureland Mobile Home Park Well No. 3	17002	17002	--
			Hardin County			
372640088184301	12-17-86	1135	Elizabethtown Well No. 2	17002	17002	--
			Henderson County			
404417090541501	08-27-86	1215	Stronghurst Well No. 3	17002	17002	--
404417090541502	08-27-86	1130	Stronghurst Well No. 4	17002	17002	--
404628090495401	08-27-86	1355	Media Well No. 1	17002	17002	--
			Jasper County			
385945088021201	06-03-87	1450	Willow Hill Well No. 2	17002	17002	--
385945088022401	06-03-87	1420	Willow Hill Well No. 1	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
					Adams County						
394705091105101	04-07-87	95	16	265	7.20	--	14.0	61	27	11	0.7
394907091143001	04-06-87	20	60	270	6.50	--	14.0	74	13	20	.7
394907091143002	04-06-87	20	E100	270	6.50	--	14.0	73	13	19	.8
395743091230801	03-31-87	--	--	--	7.30	--	20.0	37	19	59	2.3
395753091230001	04-01-87	5	11	--	7.00	--	14.0	140	71	38	.8
395753091230002	04-01-87	5	19	--	7.00	--	13.5	160	80	46	.4
395835091223901	03-31-87	20	30	490	6.30	--	14.0	61	14	14	.9
400453091220201	04-06-87	75	60	315	6.70	--	13.5	82	31	8.8	.3
400453091220501	04-08-87	15	100	615	6.60	--	14.0	82	29	8.4	<.3
400457091220501	04-08-87	15	100	610	6.90	--	13.5	81	29	8.3	<.3
400929091131301	04-06-87	1,365	18	1,230	6.80	--	15.0	33	17	250	4.0
401028091224601	04-06-87	45	16	670	6.80	--	12.0	85	38	8.5	<.3
401048091224501	04-06-87	5	5.0	345	7.00	--	14.0	81	37	17	.9
					Brown County						
400022090522301	04-13-87	25	50	750	7.30	--	16.0	7.4	3.7	350	4.2
					Christian County						
392913089034701	10-23-86	15	E10	855	6.80	339	15.5	73	27	76	.6
393650089103601	10-31-86	90	150	430	7.60	-2	13.5	53	22	11	.4
					Clark County						
392418087392101	04-15-86	60	950	--	7.10	--	11.0	89	27	3.3	1.1
					Clinton County						
383320089324101	03-25-86	55	24	640	7.00	-47	16.0	90	30	89	1.0

					Effingham County						
385534088392201	06-04-87	--	--	--	7.10	-79	19.5	35	16	290	2.8
385542088380701	06-04-87	--	--	1,600	7.00	-134	18.5	60	29	270	3.0
					Greene County						
393146090272702	04-16-87	15	600	--	7.00	--	14.5	85	29	9.0	1.4
	04-16-87	20	600	--	7.00	--	14.5	84	29	8.9	1.4
					Grundy County						
411112088180601	06-10-87	35	475	--	--	--	--	110	48	310	29
411123088183001	06-10-87	195	38	--	--	--	--	14	3.8	290	4.5
					Hancock County						
401401091033001	01-30-86	390	10	1,250	8.20	-296	13.0	91	30	43	1.0
401402091033401	01-30-86	305	15	1,340	7.90	-315	13.0	10	6.7	330	3.6
401407091034101	01-30-86	230	25	695	6.90	-122	13.0	9.4	6.1	360	4.0
401413091034701	01-15-86	90	11	730	7.10	-47	10.0	91	32	46	1.3
403718091140801	09-12-86	10	3.0	850	7.20	-41	14.5	60	31	77	2.3
403718091141001	09-12-86	10	3.0	740	7.00	--	14.5	59	30	76	2.4
403719091140801	09-12-86	10	3.0	760	7.20	--	14.0	60	33	56	2.2
					Hardin County						
372640088184301	12-17-86	245	E70	630	6.40	185	16.0	120	15	15	.4
					Henderson County						
404417090541501	08-27-86	45	140	660	7.00	-226	13.0	92	38	12	.3
404417090541502	08-27-86	90	140	685	7.00	-236	13.0	90	37	12	.3
404628090495401	08-27-86	35	40	525	6.90	46	13.0	69	29	8.8	<.3
					Jasper County						
385945088021201	06-03-87	1,130	11	1,260	8.30	-224	17.5	1.8	.63	300	1.4
385945088022401	06-03-87	140	11	--	--	--	--	81	19	3.8	.6

E Estimated.

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Adams County						
394705091105101	04-07-87	--	216	27	23	0.2	11	331	6.30	<0.100	0.010
394907091143001	04-06-87	--	194	31	23	.1	15	334	6.90	.110	.040
394907091143002	04-06-87	--	193	33	22	.1	22	358	6.90	.210	.120
395743091230801	03-31-87	--	303	<10	1.5	.7	12	293	<.100	2.20	.160
395753091230001	04-01-87	--	387	85	160	.4	22	762	7.50	<.100	.020
395753091230002	04-01-87	--	394	87	180	.4	23	748	8.50	<.100	.020
395835091223901	03-31-87	--	164	36	24	.1	27	432	6.00	<.100	.110
400453091220201	04-06-87	--	275	32	18	.5	19	387	4.00	<.100	.020
400453091220501	04-08-87	--	264	34	20	.4	20	389	4.80	.100	.020
400457091220501	04-08-87	--	263	34	20	.4	20	420	4.80	.100	.020
400929091131301	04-06-87	--	380	16	<1.0	.6	7.2	401	<.100	3.70	2.60
401028091224601	04-06-87	--	269	40	23	.5	22	439	11.0	<.100	.030
401048091224501	04-06-87	--	445	<10	150	1.1	7.4	715	<.100	.210	.080
					Brown County						
400022090522301	04-13-87	--	320	17	330	2.3	7.8	918	<.100	.560	.050
					Christian County						
392913089034701	10-23-86	--	252	160	44	.2	23	597	5.00	<.100	<.010
393650089103601	10-31-86	--	192	33	8.1	.1	18	343	3.60	<.100	<.010
					Clark County						
392418087392101	04-15-86	--	263	38	13	.1	7.0	454	3.20	<.100	<.010
					Clinton County						
383320089324101	03-25-86	319	320	160	29	.3	16	619	1.90	<.100	.020

					Effingham County						
385534088392201	06-04-87	--	429	14	260	.4	6.9	824	<.100	2.40	.400
385542088380701	06-04-87	--	458	10	310	.3	13	924	<.100	6.00	.690
					Greene County						
393146090272702	04-16-87	--	254	44	15	.2	12	379	2.90	<.100	.090
	04-16-87	--	255	44	14	.2	11	393	2.90	<.100	.074
					Grundy County						
411112088180601	06-10-87	--	249	470	300	1.2	8.0	1,360	<.100	1.10	<.010
411123088183001	06-10-87	--	560	32	69	2.6	7.4	757	<.100	.260	.070
					Hancock County						
401401091033001	01-30-86	468	461	26	4.3	.3	26	487	<.100	1.50	.048
401402091033401	01-30-86	467	506	22	200	1.9	7.4	839	<.100	.370	<.010
401407091034101	01-30-86	--	503	18	250	2.0	7.6	875	<.100	.390	.010
401413091034701	01-15-86	455	462	8.1	1.6	.3	--	487	<.100	.840	.040
403718091140801	09-12-86	419	419	35	9.1	.4	--	451	<.100	2.30	.080
403718091141001	09-12-86	398	--	23	22	.3	--	458	.920	<.100	.040
403719091140801	09-12-86	407	407	22	6.6	.3	--	437	<.100	2.00	.070
					Hardin County						
372640088184301	12-17-86	--	302	38	27	.3	21	--	2.80	<.100	<.010
					Henderson County						
404417090541501	08-27-86	319	319	50	24	.3	--	345	<.100	.510	.130
404417090541502	08-27-86	322	322	50	23	.3	--	278	<.100	.500	.130
404628090495401	08-27-86	207	207	31	23	.4	--	298	13.0	<.100	.020
					Jasper County						
385945088021201	06-03-87	--	397	<10	240	.3	7.2	732	<.100	.210	.100
385945088022401	06-03-87	--	440	<10	41	.4	7.2	540	<.100	.140	.150

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Adams County						
394705091105101	04-07-87	<50	<1	40	<0.5	<50	<3	<5	<5	45	170
394907091143001	04-06-87	<50	<1	50	<.5	<50	<3	<5	<5	140	<50
394907091143002	04-06-87	<50	<1	50	<.5	<50	<3	<5	<5	1,100	5,200
395743091230801	03-31-87	<50	53	300	<.5	420	<3	<5	<5	<5	1,500
395753091230001	04-01-87	120	<1	200	<.5	<50	<3	<5	8	18	<50
395753091230002	04-01-87	<50	<1	200	<.5	<50	<3	<5	<5	53	<50
395835091223901	03-31-87	120	<1	60	<.5	<50	8	<5	20	16	<50
400453091220201	04-06-87	<50	<1	200	<.5	<50	<3	<5	<5	21	<50
400453091220501	04-08-87	<50	<1	200	<.5	<50	<3	<5	<5	<5	<50
400457091220501	04-08-87	<50	<1	200	<.5	<50	<3	<5	<5	<5	<50
400929091131301	04-06-87	<50	<1	100	<.5	590	<3	<5	<5	<5	80
401028091224601	04-06-87	<50	<1	300	<.5	<50	<3	<5	<5	11	<50
401048091224501	04-06-87	<50	<1	8	<.5	<50	<3	<5	<5	<5	4,700
					Brown County						
400022090522301	04-13-87	<50	<1	20	<.5	520	<3	<5	<5	<5	90
					Christian County						
392913089034701	10-23-86	<50	<1	40	<.5	<50	<3	<5	<5	26	<50
393650089103601	10-31-86	<50	2	30	<.5	<50	<3	<5	<5	<5	260
					Clark County						
392418087392101	04-15-86	<50	<1	50	<.5	<50	5	5	10	32	180
					Clinton County						
383320089324101	03-25-86	<50	<1	40	<.5	100	<3	<5	<5	<5	<50

					Effingham County						
385534088392201	06-04-87	60	46	300	4.0	300	<3	<5	<5	<5	830
385542088380701	06-04-87	<50	65	400	3.0	250	<3	<5	<5	5	2,300
					Greene County						
393146090272702	04-16-87	<50	<1	70	<.5	<50	<3	<5	<5	8	80
	04-16-87	<50	<1	60	<.5	<50	<3	<5	<5	<5	60
					Grundy County						
411112088180601	06-10-87	<50	<1	20	6.0	1,100	<3	<5	10	<5	120
411123088183001	06-10-87	<50	<1	10	3.0	1,900	<3	<5	<5	<5	50
					Hancock County						
401401091033001	01-30-86	<50	1	200	<.5	<50	<3	<5	<5	<5	1,900
401402091033401	01-30-86	<50	<1	30	<.5	710	<3	<5	<5	<5	<50
401407091034101	01-30-86	<50	<1	30	<.5	710	<3	7	<5	<5	3,800
401413091034701	01-15-86	<50	<1	200	<.5	<50	<3	<5	<5	<5	150
403718091140801	09-12-86	<50	<1	70	<.5	310	<3	<5	6	<5	60
403718091141001	09-12-86	<50	<1	70	<.5	300	<3	<5	<5	<5	60
403719091140801	09-12-86	<50	<1	60	<.5	280	<3	<5	<5	<5	70
					Hardin County						
372640088184301	12-17-86	<50	<1	30	<.5	<50	<3	<5	<5	16	<50
					Henderson County						
404417090541501	08-27-86	<50	5	400	8.0	60	<3	<5	<5	<5	3,600
404417090541502	08-27-86	<50	5	400	9.0	<50	<3	<5	<5	10	3,600
404628090495401	08-27-86	<50	<1	20	4.0	<50	<3	<5	<5	<5	<50
					Jasper County						
385945088021201	06-03-87	<50	<1	7	<2.0	270	<3	6	<5	<5	<50
385945088022401	06-03-87	<50	<1	60	<2.0	<50	<3	<5	<5	<5	220

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Adams County						
394705091105101	04-07-87	<5	<5	<0.05	<5	<1	<3	120	<5	<50	<0.010
394907091143001	04-06-87	<5	<5	<.05	<5	<1	<3	80	<5	<50	<.010
394907091143002	04-06-87	7	53	<.05	<5	<1	<3	80	<5	140	<.010
395743091230801	03-31-87	<5	160	<.05	<5	<1	<3	410	<5	<50	<.010
395753091230001	04-01-87	<5	11	<.05	12	<1	<3	250	6	<50	<.010
395753091230002	04-01-87	6	12	<.05	<5	<1	<3	270	<5	<50	<.010
395835091223901	03-31-87	<5	<5	<.05	31	<1	20	70	19	<50	<.010
400453091220201	04-06-87	9	<5	<.05	<5	3	<3	170	<5	<50	<.010
400453091220501	04-08-87	<5	<5	<.05	<5	3	<3	160	<5	<50	<.010
400457091220501	04-08-87	<5	<5	<.05	<5	3	<3	160	<5	<50	<.010
400929091131301	04-06-87	<5	9	<.05	<5	<1	<3	380	<5	<50	<.010
401028091224601	04-06-87	<5	<5	<.05	<5	<1	<3	170	<5	<50	<.010
401048091224501	04-06-87	<5	9	<.05	<5	<1	<3	320	<5	110	<.010
					Brown County						
400022090522301	04-13-87	<5	7	<.05	6	<1	<3	240	<5	<50	<.010
					Christian County						
392913089034701	10-23-86	<5	13	<.05	6	<1	<3	150	<5	<50	<.010
393650089103601	10-31-86	<5	120	<.05	<5	<1	<3	70	<5	<50	<.010
					Clark County						
392418087392101	04-15-86	<5	25	<.01	12	<1	3	120	9	<50	<.010
					Clinton County						
383320089324101	03-25-86	<5	470	<.01	<5	9	<3	150	<5	<50	<.010

					Effingham County						
385534088392201	06-04-87	<5	44	<.05	11	<1	<3	330	<5	<50	<.010
385542088380701	06-04-87	<5	31	<.05	8	<1	<3	520	7	<50	<.010
					Greene County						
393146090272702	04-16-87	<5	<5	<.05	<5	1	<3	150	<5	<50	<.010
	04-16-87	<5	<5	<.05	<5	1	<3	150	<5	<50	<.010
					Grundy County						
411112088180601	06-10-87	<5	<5	<.05	13	<1	<3	3,700	9	150	<.010
411123088183001	06-10-87	<5	26	<.05	30	<1	<3	100	<5	<50	<.010
					Hancock County						
401401091033001	01-30-86	<5	380	<.01	<5	<1	<3	330	<5	<50	<.010
401402091033401	01-30-86	<5	<5	<.01	6	<1	<3	400	<5	<50	<.010
401407091034101	01-30-86	<5	<5	<.01	10	<1	<3	380	<5	<50	<.010
401413091034701	01-15-86	<5	110	<.01	<5	<1	<3	370	<5	<100	<.010
403718091140801	09-12-86	<5	5	<.05	<5	<1	4	610	<5	260	<.010
403718091141001	09-12-86	<5	<5	<.05	<5	4	<3	600	<5	250	<.010
403719091140801	09-12-86	<5	11	<.05	<5	<1	<3	600	<5	900	<.010
					Hardin County						
372640088184301	12-17-86	<5	<5	<.05	<5	<1	<3	470	<5	<50	<.010
					Henderson County						
404417090541501	08-27-86	<5	100	.04	<5	<1	<3	240	<5	<50	<.010
404417090541502	08-27-86	<5	100	<.01	<5	<1	<3	240	<5	<50	<.010
404628090495401	08-27-86	<5	<5	<.01	<5	<1	<3	110	<5	<50	<.010
					Jasper County						
385945088021201	06-03-87	<5	<5	<.05	16	<1	<3	50	<5	<50	<.010
385945088022401	06-03-87	<5	290	<.05	7	<1	<3	90	6	<50	<.010

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Adams County						
394705091105101	04-07-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394907091143001	04-06-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394907091143002	04-06-87	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
395743091230801	03-31-87	<5	--	--	--	--	--	--	--	--
395753091230001	04-01-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395753091230002	04-01-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395835091223901	03-31-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400453091220201	04-06-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400453091220501	04-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400457091220501	04-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400929091131301	04-06-87	<5	--	--	--	--	--	--	--	--
401028091224601	04-06-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401048091224501	04-06-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Brown County						
400022090522301	04-13-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Christian County						
392913089034701	10-23-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393650089103601	10-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Clark County						
392418087392101	04-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Clinton County						
383320089324101	03-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0

					Effingham County					
385534088392201	06-04-87	5	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385542088380701	06-04-87	5	5.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Greene County					
393146090272702	04-16-87	<5	1.0	1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-16-87	<5	--	--	--	--	--	--	--	--
					Grundy County					
411112088180601	06-10-87	<5	--	--	--	--	--	--	--	--
411123088183001	06-10-87	<5	--	--	--	--	--	--	--	--
					Hancock County					
401401091033001	01-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
401402091033401	01-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
401407091034101	01-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
401413091034701	01-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403718091140801	09-12-86	<5	5.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
403718091141001	09-12-86	<5	60	15	12	--	<1.0	<1.0	<1.0	<1.0
403719091140801	09-12-86	<5	35	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Hardin County					
372640088184301	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Henderson County					
404417090541501	08-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404417090541502	08-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404628090495401	08-27-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Jasper County					
385945088021201	06-03-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385945088022401	06-03-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississipian aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Adams County					
394705091105101	04-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394907091143001	04-06-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394907091143002	04-06-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395743091230801	03-31-87	--	--	--	--	--	--	--	--	--
395753091230001	04-01-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395753091230002	04-01-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
395835091223901	03-31-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400453091220201	04-06-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400453091220501	04-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400457091220501	04-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400929091131301	04-06-87	--	--	--	--	--	--	--	--	--
401028091224601	04-06-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401048091224501	04-06-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Brown County					
400022090522301	04-13-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Christian County					
392913089034701	10-23-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
393650089103601	10-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Clark County					
392418087392101	04-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Clinton County					
383320089324101	03-25-86	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--

					Effingham County					
385534088392201	06-04-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385542088380701	06-04-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Greene County					
393146090272702	04-16-87	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-16-87	--	--	--	--	--	--	--	--	--
					Grundy County					
411112088180601	06-10-87	--	--	--	--	--	--	--	--	--
411123088183001	06-10-87	--	--	--	--	--	--	--	--	--
					Hancock County					
401401091033001	01-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401402091033401	01-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401407091034101	01-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401413091034701	01-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403718091140801	09-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403718091141001	09-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403719091140801	09-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Hardin County					
372640088184301	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Henderson County					
404417090541501	08-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404417090541502	08-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404628090495401	08-27-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Jasper County					
385945088021201	06-03-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385945088022401	06-03-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Knox County			
404307090242201	07-30-86	0940	St. Augustine Well No. 1	17002	17002	--
404310090244601	07-30-86	1035	St. Augustine Well No. 2	17002	17002	--
405524090010301	05-13-86	1005	Williamsfield Well No. 2	17002	17002	--
405526090010301	05-13-86	1045	Williamsfield Well No. 3	17002	17002	--
			La Salle County			
410931088384401	04-21-87	1115	Ransom Well No. 3	17002	17002	--
	04-21-87	1130	Ransom Well No. 3	17002	17002	--
			Lee County			
415050089011301	07-11-86	0945	Steward Well No. 2	17002	17002	--
			McDonough County			
401926090361701	03-27-87	1250	Industry Well No. 1	17002	17002	--
401930090361701	03-27-87	1235	Industry Well No. 2	17002	17002	--
402251090463601	03-25-87	1215	Colchester Well No. 6	17002	17002	--
402518090472401	03-25-87	1050	Colchester Well No. 1	17002	17002	--
402702090430601	03-27-87	1030	Countryaire Mobile Home Park Well No. 1	17002	17002	--
			Madison County			
384333089460001	06-19-87	1135	St. Jacob Well No. 4	17002	17002	--
384348089460501	06-19-87	1055	St. Jacob Well No. 5	17002	17002	173.00
385321089481001	08-26-86	1340	Hamel Well No. 4	17002	17002	--
			Marion County			
383647088473301	01-13-87	1405	Iuka Well No. 2	17002	17002	--
383648088473201	01-13-87	1335	Iuka Well No. 1	17002	17002	--
383648088473901	01-13-87	1440	Iuka Well No. 3	17002	17002	--

			Massac County			
370842088435101	12-16-86	1040	Metropolis Well No. 3	17002	17002	--
370843088435301	12-16-86	1120	Metropolis Well No. 2	17002	17002	--
371159088503101	12-16-86	1425	Joppa Well No. 2	17002	17002	--
			Pike County			
393335090381801	04-14-87	0945	Milton Well No. 4	17002	17002	--
394338090541501	04-14-87	1400	Baylis Well No. 2	17002	17002	--
394338090542001	04-14-87	1455	Baylis Well No. 1	17002	17002	--
	04-14-87	1500	Baylis Well No. 1	17002	17002	--
			Randolph County			
380026089390501	01-22-87	1400	Steeleville Well No. 5	17002	17002	180.00
380029089395001	01-22-87	1125	Steeleville Well No. 1	17002	17002	172.00
380034089394201	01-22-87	1055	Steeleville Well No. 3	17002	17002	--
380036089392801	01-22-87	1205	Steeleville Well No. 2	17002	17002	160.00
380039089400201	01-22-87	1325	Steeleville Well No. 4	17002	17002	164.00
380050089391101	01-22-87	1240	Steeleville Well No. 6	17002	17002	152.00
	01-22-87	1245	Steeleville Well No. 6	17002	17002	152.00
380058089370901	02-05-87	1040	Percy Well No. 1	17002	17002	--
380102089372801	02-05-87	1120	Percy Well No. 2	17002	17002	--
380805089594701	02-03-87	1410	Ruma Well No. 1	17002	17002	--
380809089595201	02-03-87	1455	Ruma Well No. 2	17002	17002	--
381210089592601	01-21-87	1610	Red Bud Well No. 8	17002	17002	--
381234089594801	01-21-87	1530	Red Bud Well No. 9	17002	17002	--
381249089595301	01-21-87	1415	Red Bud Well No. 7	17002	17002	--
381256089592401	01-21-87	1640	Red Bud Well No. 6	17002	17002	--
381301089594801	01-21-87	1345	Red Bud Well No. 4	17002	17002	--
381308090005201	01-21-87	1450	Red Bud Well No. 11	17002	17002	--
381309089595501	01-21-87	1315	Red Bud Well No. 3	17002	17002	--
			Schuyler County			
400741090223001	09-25-86	1320	Browning Well No. 1	17002	17002	--
400741090223002	09-25-86	1340	Browning Well No. 2	17002	17002	--
			Union County			
373140089144201	12-09-86	1420	Cobden Well No. 2	17002	17002	129.00
373146089145601	12-09-86	1350	Cobden Well No. 1	17002	17002	142.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Knox County							
404307090242201	07-30-86	160	20	690	7.40	-250	13.5	69	29	45	1.7
404310090244601	07-30-86	215	20	730	7.30	-263	13.0	73	31	54	3.0
405524090010301	05-13-86	305	100	3,050	6.70	-339	18.0	9.1	3.2	680	9.0
405526090010301	05-13-86	105	100	3,050	6.80	-306	18.0	8.7	3.6	750	10
				La Salle County							
410931088384401	04-21-87	30	18	865	7.30	-240	13.5	31	11	170	5.0
	04-21-87	45	18	865	7.30	-240	13.5	31	11	170	4.9
				Lee County							
415050089011301	07-11-86	20	160	485	7.30	--	11.5	61	28	9.9	.8
				McDonough County							
401926090361701	03-27-87	15	E45	1,040	7.10	--	14.5	18	10	250	5.7
401930090361701	03-27-87	35	E45	975	7.30	--	17.0	15	9.4	260	5.2
402251090463601	03-25-87	255	28	350	6.20	--	13.0	80	25	23	1.2
402518090472401	03-25-87	170	26	930	6.70	--	13.5	110	39	49	2.8
402702090430601	03-27-87	--	--	--	6.80	--	15.5	76	31	63	4.8
				Madison County							
384333089460001	06-19-87	25	25	885	7.10	--	16.0	28	18	170	2.5
384348089460501	06-19-87	30	30	1,680	7.50	-82	16.0	4.2	3.5	400	2.4
385321089481001	08-26-86	40	100	870	7.40	-164	14.5	54	27	140	2.2
				Marion County							
383647088473301	01-13-87	25	45	750	6.80	-29	14.5	95	39	83	.7
383648088473201	01-13-87	30	15	800	6.40	0	16.0	95	47	91	.8
383648088473901	01-13-87	25	25	875	6.80	-43	14.5	110	53	98	.8

					Massac County						
370842088435101	12-16-86	25	E1,000	370	7.00	-40	16.5	69	8.9	6.0	.5
370843088435301	12-16-86	30	--	370	7.20	-71	16.0	69	9.0	6.0	.5
371159088503101	12-16-86	385	E120	450	6.90	-78	15.5	75	17	8.9	.8
					Pike County						
393335090381801	04-14-87	20	35	610	7.10	--	14.0	72	33	23	.9
394338090541501	04-14-87	20	11	525	7.90	--	15.5	--	--	--	--
394338090542001	04-14-87	15	8.0	315	8.20	--	16.0	3.7	2.8	140	1.9
	04-14-87	20	8.0	315	8.20	--	16.0	3.8	2.9	140	1.9
					Randolph County						
380026089390501	01-22-87	140	94	450	7.00	-87	15.5	47	13	59	1.7
380029089395001	01-22-87	45	75	450	7.20	-75	15.5	40	13	70	2.0
380034089394201	01-22-87	25	70	470	7.20	-20	15.0	40	13	71	2.1
380036089392801	01-22-87	25	35	445	6.70	-79	16.0	46	14	60	2.0
380039089400201	01-22-87	105	75	555	7.50	-109	16.0	17	7.6	120	1.9
380050089391101	01-22-87	60	80	460	7.20	-90	15.5	41	12	70	2.0
	01-22-87	65	80	460	7.20	-90	15.5	41	12	70	2.0
380058089370901	02-05-87	--	E48	435	6.40	--	19.0	54	14	49	2.8
380102089372801	02-05-87	--	73	--	6.70	143	15.5	52	13	51	2.7
380805089594701	02-03-87	25	E78	580	7.50	-111	15.5	16	6.7	140	2.4
380809089595201	02-03-87	30	20	580	7.30	--	16.0	15	6.3	150	2.7
381210089592601	01-21-87	490	E69	500	7.10	-76	16.5	55	19	35	1.1
381234089594801	01-21-87	690	E20	470	7.20	-72	16.0	67	23	36	1.1
381249089595301	01-21-87	615	E28	455	7.20	-60	16.0	67	23	33	1.1
381256089592401	01-21-87	15	E65	--	--	--	--	31	11	41	.8
381301089594801	01-21-87	585	E17	450	7.00	-42	16.0	61	20	37	1.3
381308090005201	01-21-87	530	E75	490	7.00	-66	15.5	68	23	41	1.2
381309089595501	01-21-87	555	E73	435	6.60	182	16.0	67	23	25	1.2
					Schuyler County						
400741090223001	09-25-86	20	82	415	7.10	-208	13.5	100	51	37	2.4
400741090223002	09-25-86	15	82	360	7.30	-219	14.0	76	37	63	2.9
					Union County						
373140089144201	12-09-86	57	E130	455	6.70	353	15.0	66	14	12	.6
373146089145601	12-09-86	27	E150	485	6.80	353	15.5	73	15	17	.6

E Estimated.

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Knox County						
404307090242201	07-30-86	394	394	<10	4.4	1.0	--	387	<0.100	5.60	0.790
404310090244601	07-30-86	434	434	<10	1.8	.6	--	422	<.100	2.60	.250
405524090010301	05-13-86	638	638	170	550	3.1	--	1,760	<.100	.930	<.010
405526090010301	05-13-86	--	636	180	550	3.0	--	1,740	<.100	.840	<.010
					La Salle County						
410931088384401	04-21-87	--	446	<10	28	.7	14	549	<.100	.630	.040
	04-21-87	--	453	<10	26	.7	14	573	<.100	.600	.050
					Lee County						
415050089011301	07-11-86	291	291	<10	<1.0	.3	--	278	<.100	<.100	.020
					McDonough County						
401926090361701	03-27-87	--	489	24	89	.7	8.5	649	<.100	1.60	879
401930090361701	03-27-87	--	492	15	89	.7	7.7	629	<.100	.550	721
402251090463601	03-25-87	--	279	49	16	.1	22	405	<.100	1.80	.870
402518090472401	03-25-87	--	309	140	52	.3	14	583	.120	.220	<.010
402702090430601	03-27-87	--	423	22	8.3	.3	8.0	406	.120	2.10	713
					Madison County						
384333089460001	06-19-87	--	445	<10	55	.6	17	485	.110	2.00	<.010
384348089460501	06-19-87	--	573	<10	250	1.2	9.5	1,010	.110	.900	.010
385321089481001	08-26-86	500	500	<10	60	.9	--	649	<.100	6.60	.860
					Marion County						
383647088473301	01-13-87	--	370	180	44	.2	26	662	<.100	.270	.130
383648088473201	01-13-87	--	363	230	47	.2	21	755	2.60	.150	.060
383648088473901	01-13-87	--	382	250	77	.2	26	824	<.100	.200	.150

					Massac County						
370842088435101	12-16-86	--	193	22	4.6	.2	10	--	.100	<.100	<.010
370843088435301	12-16-86	--	191	23	5.0	.2	10	--	.110	<.100	<.010
371159088503101	12-16-86	--	268	<10	3.3	.3	12	--	.120	.280	.010
					Pike County						
393335090381801	04-14-87	--	345	<10	5.4	.3	11	398	<.100	3.40	.590
394338090541501	04-14-87	--	--	--	--	--	--	--	--	--	--
394338090542001	04-14-87	--	229	<10	57	1.5	8.2	382	<.100	.340	<.010
	04-14-87	--	230	<10	56	1.5	8.1	422	<.100	.370	.040
					Randolph County						
380026089390501	01-22-87	--	280	11	21	.1	9.2	336	.110	.340	<.010
380029089395001	01-22-87	--	289	<10	22	.2	10	366	<.100	.480	<.010
380034089394201	01-22-87	--	288	<10	25	.1	11	349	<.100	.520	<.010
380036089392801	01-22-87	--	284	10	21	.1	10	325	<.100	.390	<.010
380039089400201	01-22-87	--	310	<10	38	.2	8.0	373	<.100	.510	<.010
380050089391101	01-22-87	--	286	<10	23	.1	10	331	<.100	.430	<.010
	01-22-87	--	284	<10	24	.2	10	373	.100	.560	<.010
380058089370901	02-05-87	--	251	14	16	.1	9.2	344	<.100	.360	.040
380102089372801	02-05-87	--	250	12	18	.3	9.0	322	<.100	.340	<.010
380805089594701	02-03-87	--	291	23	22	.7	8.9	369	<.100	.460	<.010
380809089595201	02-03-87	--	299	19	26	.7	9.3	387	<.100	.350	<.010
381210089592601	01-21-87	--	292	16	7.9	.3	7.5	312	<.100	.220	<.010
381234089594801	01-21-87	--	299	17	15	.3	7.8	371	<.100	.210	<.010
381249089595301	01-21-87	--	318	17	12	.2	7.6	335	<.100	.220	<.010
381256089592401	01-21-87	--	294	16	36	.2	9.2	510	<.100	.240	<.010
381301089594801	01-21-87	--	297	14	13	.3	8.5	347	<.100	.230	.040
381308090005201	01-21-87	--	324	19	21	.7	7.4	377	<.100	.200	<.010
381309089595501	01-21-87	--	315	16	5.2	.3	7.8	344	.990	.160	.360
					Schuyler County						
400741090223001	09-25-86	--	453	67	21	.1	--	518	<.100	5.10	.480
400741090223002	09-25-86	--	469	<10	6.2	.2	--	431	<.100	6.40	.650
					Union County						
373140089144201	12-09-86	--	198	46	10	<.1	13	415	.680	<.100	.010
373146089145601	12-09-86	--	226	47	8.4	.2	16	439	1.00	<.100	.020

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Knox County						
404307090242201	07-30-86	<50	66	200	<0.5	80	<3	<5	<5	<5	6,700
404310090244601	07-30-86	<50	26	200	<.5	100	<3	<5	<5	<5	4,100
405524090010301	05-13-86	<50	<1	50	<.5	1,700	<3	40	<5	<5	1,100
405526090010301	05-13-86	<50	<1	40	<1.0	1,800	<3	<5	<5	<5	450
					La Salle County						
410931088384401	04-21-87	<50	<1	30	<.5	1,300	<3	<5	<5	<5	90
	04-21-87	<50	<1	30	<.5	1,300	<3	<5	<5	<5	90
					Lee County						
415050089011301	07-11-86	<50	5	90	<.5	<50	<3	<5	6	<5	610
					McDonough County						
401926090361701	03-27-87	<50	<1	600	<.5	830	<3	<5	<5	7	<50
401930090361701	03-27-87	<50	<1	300	<.5	950	<3	<5	<5	<5	<50
402251090463601	03-25-87	<50	<1	200	<.5	90	<3	<5	7	5	21,000
402518090472401	03-25-87	180	<1	60	<.5	240	3	<5	8	34	770
402702090430601	03-27-87	70	<1	200	<.5	340	<3	<5	<5	98	<50
					Madison County						
384333089460001	06-19-87	<50	<1	400	<1.0	270	<3	<5	<5	<5	170
384348089460501	06-19-87	3,300	<1	200	<.5	740	<3	<5	<5	6	80
385321089481001	08-26-86	<50	80	400	3.0	360	<3	<5	<5	<5	3,100
					Marion County						
383647088473301	01-13-87	<50	1	100	<.5	<50	<3	<5	<5	<5	1,100
383648088473201	01-13-87	<50	<1	80	<.5	<50	<3	<5	5	<5	480
383648088473901	01-13-87	<50	1	60	<.5	<50	<3	<5	5	<5	1,400

					Massac County						
370842088435101	12-16-86	<50	<1	30	<.5	<50	<3	<5	<5	<5	340
370843088435301	12-16-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	450
371159088503101	12-16-86	<50	2	300	<.5	<50	<3	<5	<5	<5	1,100
					Pike County						
393335090381801	04-14-87	100	30	300	<.5	<50	<3	<5	6	<5	6,400
394338090541501	04-14-87	--	--	--	--	--	--	--	--	--	--
394338090542001	04-14-87	<50	<1	<5	<.5	930	<3	<5	<5	10	<50
	04-14-87	<50	<1	<5	<.5	940	<3	<5	<5	13	<50
					Randolph County						
380026089390501	01-22-87	<50	<1	100	<.5	<50	<3	<5	<5	<5	290
380029089395001	01-22-87	<50	<1	300	<.5	<50	<3	<5	<5	<5	250
380034089394201	01-22-87	<50	<1	300	<.5	<50	<3	<5	<5	17	290
380036089392801	01-22-87	<50	<1	200	<.5	<50	<3	<5	<5	<5	300
380039089400201	01-22-87	<50	<1	200	<.5	60	<3	<5	<5	<5	130
380050089391101	01-22-87	<50	<1	200	<.5	<50	<3	<5	<5	<5	320
	01-22-87	<50	<1	200	<.5	<50	<3	<5	<5	<5	330
380058089370901	02-05-87	<50	<1	100	<.5	<50	<3	<5	<5	<5	340
380102089372801	02-05-87	160	<1	200	<.5	<50	<3	<5	<5	6	350
380805089594701	02-03-87	<50	<1	80	<.5	190	<3	<5	<5	<5	290
380809089595201	02-03-87	<50	<1	60	<.5	200	<3	<5	<5	<5	270
381210089592601	01-21-87	<50	<1	50	<.5	70	<3	<5	<5	<5	600
381234089594801	01-21-87	<50	<1	40	<.5	70	<3	<5	<5	<5	680
381249089595301	01-21-87	<50	<1	70	<.5	70	<3	<5	<5	<5	670
381256089592401	01-21-87	<50	<1	70	<.5	<50	<3	<5	<5	24	480
381301089594801	01-21-87	<50	<1	100	<.5	70	<3	<5	<5	<5	670
381308090005201	01-21-87	<50	<1	30	<.5	100	<3	<5	<5	<5	820
381309089595501	01-21-87	<50	<1	100	<.5	70	<3	<5	<5	<5	630
					Schuyler County						
400741090223001	09-25-86	270	44	300	<.5	160	<3	5	<5	91	4,600
400741090223002	09-25-86	780	45	300	<.5	150	<3	9	<5	15	5,700
					Union County						
373140089144201	12-09-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	<50
373146089145601	12-09-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	<50

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Knox County						
404307090242201	07-30-86	<5	75	0.05	<5	<1	<3	450	<5	<50	<0.010
404310090244601	07-30-86	<5	63	<.01	<5	<1	<3	470	<5	<50	<.010
405524090010301	05-13-86	<5	11	.05	10	<1	<3	440	<5	<50	<.010
405526090010301	05-13-86	<5	<5	.05	<10	<1	<3	420	<5	<50	<.010
					La Salle County						
410931088384401	04-21-87	<5	57	<.05	<5	<1	<3	450	<5	450	<.010
	04-21-87	<5	56	<.05	<5	<1	<3	450	<5	<50	<.010
					Lee County						
415050089011301	07-11-86	10	110	<.01	<5	<1	<3	130	<5	<50	<.010
					McDonough County						
401926090361701	03-27-87	<5	<5	<.05	<5	<1	<3	470	<5	<50	<.010
401930090361701	03-27-87	<5	<5	<.05	<5	<1	<3	490	<5	<50	<.010
402251090463601	03-25-87	<5	1,400	<.05	6	<1	<3	270	<5	<50	<.010
402518090472401	03-25-87	15	350	<.05	<5	<1	4	570	5	120	<.010
402702090430601	03-27-87	<5	8	<.05	<5	<1	<3	500	<5	<50	<.010
					Madison County						
384333089460001	06-19-87	<5	12	<.05	<5	<1	<3	1,100	<5	<50	<.010
384348089460501	06-19-87	<5	7	<.05	15	<1	<3	390	<5	<50	<.010
385321089481001	08-26-86	<5	44	<.01	<5	<1	<3	670	<5	<50	<.010
					Marion County						
383647088473301	01-13-87	<5	220	.08	<5	<1	<3	230	<5	<50	<.010
383648088473201	01-13-87	<5	500	<.05	<5	<1	<3	240	<5	<50	<.010
383648088473901	01-13-87	<5	320	<.05	<5	<1	<3	250	<5	<50	<.010

					Massac County						
370842088435101	12-16-86	<5	29	<.05	<5	<1	<3	150	<5	<50	<.010
370843088435301	12-16-86	<5	35	<.05	<5	<1	<3	160	<5	<50	<.010
371159088503101	12-16-86	<5	480	<.05	<5	<1	<3	250	<5	<50	<.010
					Pike County						
393335090381801	04-14-87	<5	65	<.05	<5	<1	<3	270	<5	<50	<.010
394338090541501	04-14-87	--	--	--	--	--	--	--	--	--	--
394338090542001	04-14-87	<5	<5	<.05	<5	<1	<3	140	<5	<50	<.010
	04-14-87	<5	<5	<.05	<5	<1	<3	140	<5	<50	<.010
					Randolph County						
380026089390501	01-22-87	<5	<5	.08	<5	<1	<3	250	<5	<50	<.010
380029089395001	01-22-87	<5	<5	<.05	<5	<1	<3	370	<5	<50	<.010
380034089394201	01-22-87	<5	<5	<.05	<5	<1	<3	380	<5	<50	<.010
380036089392801	01-22-87	<5	<5	<.05	<5	<1	<3	400	<5	<50	<.010
380039089400201	01-22-87	<5	<5	.08	<5	<1	<3	290	<5	<50	<.010
380050089391101	01-22-87	<5	<5	.57	<5	<1	<3	290	<5	<50	<.010
	01-22-87	<5	<5	.57	<5	<1	<3	290	<5	<50	<.010
380058089370901	02-05-87	<5	<5	<.05	<5	<1	<3	370	<5	<50	<.010
380102089372801	02-05-87	<5	15	<.05	<5	<1	<3	290	<5	<50	<.010
380805089594701	02-03-87	<5	<5	<.05	<5	<1	<3	570	<5	<50	<.010
380809089595201	02-03-87	<5	<5	<.05	<5	<1	<3	530	<5	<50	<.010
381210089592601	01-21-87	<5	34	<.05	<5	<1	<3	460	<5	<50	<.010
381234089594801	01-21-87	<5	28	<.05	<5	<1	<3	430	<5	<50	<.010
381249089595301	01-21-87	<5	42	<.05	<5	<1	<3	480	<5	<50	<.010
381256089592401	01-21-87	<5	14	<.05	<5	<1	<3	310	<5	<50	<.010
381301089594801	01-21-87	<5	35	<.05	<5	<1	<3	520	<5	<50	<.010
381308090005201	01-21-87	<5	12	<.05	<5	<1	<3	470	<5	<50	<.010
381309089595501	01-21-87	<5	37	<.05	<5	<1	<3	510	<5	<50	<.010
					Schuyler County						
400741090223001	09-25-86	<5	82	<.05	<5	<1	5	680	<5	<50	<.010
400741090223002	09-25-86	<5	98	.18	6	<1	7	510	<5	--	<.010
					Union County						
373140089144201	12-09-86	<5	<5	<.05	<5	<1	<3	160	<5	<50	<.010
373146089145601	12-09-86	<5	<5	<.05	<5	<1	<3	190	<5	<50	<.010

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Knox County						
404307090242201	07-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404310090244601	07-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405524090010301	05-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
405526090010301	05-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
				La Salle County						
410931088384401	04-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Lee County						
415050089011301	07-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				McDonough County						
401926090361701	03-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401930090361701	03-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402251090463601	03-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402518090472401	03-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402702090430601	03-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Madison County						
384333089460001	06-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384348089460501	06-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385321089481001	08-26-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Marion County						
383647088473301	01-13-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383648088473201	01-13-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383648088473901	01-13-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

					Massac County					
370842088435101	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
370843088435301	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
371159088503101	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Pike County					
393335090381801	04-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394338090541501	04-14-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394338090542001	04-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Randolph County					
380026089390501	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380029089395001	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380034089394201	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380036089392801	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380039089400201	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380050089391101	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01-22-87	<5	--	--	--	--	--	--	--	--
380058089370901	02-05-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380102089372801	02-05-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380805089594701	02-03-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380809089595201	02-03-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381210089592601	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381234089594801	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381249089595301	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381256089592401	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381301089594801	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381308090005201	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381309089595501	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Schuyler County					
400741090223001	09-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400741090223002	09-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Union County					
373140089144201	12-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
373146089145601	12-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississipian aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Knox County						
404307090242201	07-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404310090244601	07-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405524090010301	05-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405526090010301	05-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				La Salle County						
410931088384401	04-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Lee County						
415050089011301	07-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				McDonough County						
401926090361701	03-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
401930090361701	03-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402251090463601	03-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402518090472401	03-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402702090430601	03-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Madison County						
384333089460001	06-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
384348089460501	06-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
385321089481001	08-26-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Marion County						
383647088473301	01-13-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383648088473201	01-13-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383648088473901	01-13-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

					Massac County					
370842088435101	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
370843088435301	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
371159088503101	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Pike County					
393335090381801	04-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394338090541501	04-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
394338090542001	04-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	04-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Randolph County					
380026089390501	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380029089395001	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380034089394201	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380036089392801	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380039089400201	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380050089391101	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01-22-87	--	--	--	--	--	--	--	--	--
380058089370901	02-05-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380102089372801	02-05-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380805089594701	02-03-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380809089595201	02-03-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381210089592601	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381234089594801	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381249089595301	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381256089592401	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381301089594801	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381308090005201	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
381309089595501	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Schuyler County					
400741090223001	09-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
400741090223002	09-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Union County					
373140089144201	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
373146089145601	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Wabash County			
383128087423001	01-14-87	1350	Allendale Well No. 1	17002	17002	--
383144087422901	01-14-87	1420	Allendale Well No. 4	17002	17002	--
383146087422101	01-14-87	1405	Allendale Well No. 5	17002	17002	--
383148087425001	01-14-87	1455	Allendale Well No. 3	17002	17002	--
383156087423601	01-14-87	1440	Allendale Well No. 6	17002	17002	--
			Wayne County			
383036088255001	06-11-87	0935	Cisne Well No. 3	17002	17002	--
383042088260301	06-11-87	0950	Cisne Well No. 1	17002	17002	--
383042088260302	06-11-87	1000	Cisne Well No. 2	17002	17002	--
383051088253601	06-11-87	0925	Cisne Well No. 4	17002	17002	--
			White County			
380556088201301	06-10-87	0940	Enfield Well No. 5	17002	17002	--
380558088195601	06-10-87	1110	Enfield Well NO. 4	17002	17002	--
380559088202401	06-10-87	1010	Enfield Well No. 2	17002	17002	--
380600088201901	06-10-87	1045	Enfield Well No. 3	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
					Wabash County						
383128087423001	01-14-87	1,440	9.0	665	6.60	23	16.0	26	15	140	1.2
383144087422901	01-14-87	10	8.0	--	--	--	--	40	19	100	1.0
383146087422101	01-14-87	1,440	6.5	--	--	--	--	58	26	71	1.2
383148087425001	01-14-87	10	5.0	--	--	--	--	13	8.0	210	1.4
383156087423601	01-14-87	--	8.0	--	--	--	--	26	17	120	1.3
					Wayne County						
383036088255001	06-11-87	--	50	--	--	--	--	88	29	60	1.3
383042088260301	06-11-87	--	30	--	--	--	--	34	15	170	2.4
383042088260302	06-11-87	--	50	--	--	--	--	19	9.9	220	2.6
383051088253601	06-11-87	--	15	--	--	--	--	12	7.3	230	2.2
					White County						
380556088201301	06-10-87	15	--	--	7.40	33	--	1.0	.56	470	1.5
380558088195601	06-10-87	15	--	--	7.00	20	--	1.1	.59	480	1.5
380559088202401	06-10-87	15	--	--	7.30	84	--	1.1	.43	440	2.4
380600088201901	06-10-87	15	--	--	7.40	102	--	1.1	.64	520	1.7

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Wabash County						
383128087423001	01-14-87	--	433	<10	16	0.3	23	--	<0.100	0.310	0.030
383144087422901	01-14-87	--	423	<10	8.8	.3	24	449	<.100	.290	.020
383146087422101	01-14-87	--	433	<10	5.7	.3	26	449	<.100	.590	.020
383148087425001	01-14-87	--	547	10	22	.3	19	424	<.100	.350	.320
383156087423601	01-14-87	--	423	<10	12	.3	22	468	<.100	.380	.030
					Wayne County						
383036088255001	06-11-87	--	406	72	2.0	.2	29	520	<.100	.780	.110
383042088260301	06-11-87	--	447	19	54	.3	18	582	.150	.350	.020
383042088260302	06-11-87	--	462	<10	78	.3	17	593	<.100	.470	.030
383051088253601	06-11-87	--	438	<10	100	.4	13	616	<.100	.400	.020
					White County						
380556088201301	06-10-87	--	870	<10	140	3.1	7.4	1,090	<.100	.500	.050
380558088195601	06-10-87	--	884	<10	150	3.1	7.4	727	<.100	.510	.060
380559088202401	06-10-87	--	922	<10	170	3.5	7.4	1,160	2.60	.500	.050
380600088201901	06-10-87	--	913	<10	170	3.6	7.3	1,180	.120	.400	.040

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Wabash County						
383128087423001	01-14-87	<50	<1	300	<0.5	110	<3	<5	<5	<5	160
383144087422901	01-14-87	<50	<1	400	<.5	100	<3	<5	<5	<5	270
383146087422101	01-14-87	<50	<1	300	<.5	130	<3	<5	<5	<5	180
383148087425001	01-14-87	<50	<1	200	<.5	120	<3	<5	<5	6	760
383156087423601	01-14-87	<50	<1	300	<.5	130	<3	<5	<5	<5	490
					Wayne County						
383036088255001	06-11-87	<50	1	100	<.5	<50	<3	<5	<5	<5	470
383042088260301	06-11-87	300	<1	200	<2.0	290	<3	13	<5	17	80
383042088260302	06-11-87	<50	<1	200	<2.0	320	<3	<5	<5	<5	90
383051088253601	06-11-87	<50	<1	200	<2.0	520	<3	<5	<5	<5	80
					White County						
380556088201301	06-10-87	<50	<1	200	<.5	1,600	<3	<5	<5	<5	<50
380558088195601	06-10-87	<50	<1	100	<.5	1,500	<3	<5	<5	<5	<50
380559088202401	06-10-87	100	<1	300	<2.0	1,500	<3	14	<5	<5	60
380600088201901	06-10-87	80	<1	300	<.5	1,600	<3	<5	<5	<5	<50

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Wabash County						
383128087423001	01-14-87	<5	16	<0.05	<5	<1	<3	210	<5	<50	<0.010
383144087422901	01-14-87	<5	16	<.05	<5	<1	<3	230	<5	<50	<.010
383146087422101	01-14-87	<5	19	<.05	<5	<1	<3	370	<5	<50	<.010
383148087425001	01-14-87	<5	7	.08	<5	<1	<3	120	<5	<100	<.010
383156087423601	01-14-87	<5	11	<.05	<5	<1	<3	280	<5	<50	<.010
					Wayne County						
383036088255001	06-11-87	<5	110	<.05	<5	<1	<3	390	8	<50	<.010
383042088260301	06-11-87	<5	9	<.05	15	<1	<3	460	6	<50	<.010
383042088260302	06-11-87	<5	<5	<.05	9	<1	<3	400	<5	<50	<.010
383051088253601	06-11-87	<5	<5	<.05	9	<1	<3	350	<5	<50	<.010
					White County						
380556088201301	06-10-87	<5	<5	<.05	6	<1	<3	70	<5	<50	<.010
380558088195601	06-10-87	<5	<5	<.05	11	<1	<3	70	<5	<50	<.010
380559088202401	06-10-87	<5	<5	<.05	34	<1	<3	80	<5	<50	<.010
380600088201901	06-10-87	<5	<5	<.05	12	<1	<3	90	<5	<50	<.010

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississippian aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Wabash County					
383128087423001	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383144087422901	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383146087422101	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383148087425001	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383156087423601	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Wayne County					
383036088255001	06-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383042088260301	06-11-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383042088260302	06-11-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383051088253601	06-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					White County					
380556088201301	06-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380558088195601	06-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380559088202401	06-10-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380600088201901	06-10-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 3.--Water-quality records for wells open primarily to the Pennsylvanian-Mississipian aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Wabash County					
383128087423001	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383144087422901	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383146087422101	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383148087425001	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383156087423601	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Wayne County					
383036088255001	06-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383042088260301	06-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383042088260302	06-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
383051088253601	06-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					White County					
380556088201301	06-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380558088195601	06-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380559088202401	06-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
380600088201901	06-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system

[min, minute; gal/min, gallons per minute; µS/cm, microsiemens per centimeter at 25° Celsius; mV, millivolts, deg. C, degrees Celsius; mg/L, milligrams per liter; µg/L, micrograms per liter, <, less than; >, greater than; dashes indicate no data]

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Bureau County			
412157089350202	03-09-87	1450	Wyanet Well No. 2	17002	17002	--
412259089501101	03-09-87	1345	Mineral Well No. 1	17002	17002	--
			Carroll County			
421241089433401	02-18-87	1330	Thomson Well No. 5	17002	17002	86.50
			Cook County			
412809087381701	09-19-85	1010	Steger Well No. 1	17002	17002	--
412809087381702	09-19-85	1100	Steger Well No. 2	17002	17002	--
412832087380501	11-15-85	1005	Steger Well No. 3	17002	17002	--
	05-29-87	1435	Steger Well No. 3	17002	17002	--
412841087422701	12-12-86	1115	Richton Park Well No. 1	17002	17002	90.00
	12-12-86	1120	Richton Park Well No. 1	17002	17002	90.00
412853087373401	11-15-85	1215	South Chicago Heights Well No. 3	17002	17002	--
	04-29-87	1345	South Chicago Heights Well No. 3	17002	17002	--
	05-29-87	0845	South Chicago Heights Well No. 3	17002	17002	--
	06-15-87	0745	South Chicago Heights Well No. 3	17002	17002	--
412858087441201	05-30-85	1130	Richton Park Well No. 3	17002	17002	75.00
	05-30-85	1130	Richton Park Well No. 3	17002	17002	75.00
412912087430101	05-30-85	1425	Richton Park Well No. 2	17002	17002	94.00
	12-12-86	1310	Richton Park Well No. 2	17002	17002	--
412919087410601	05-23-85	1440	Park Forest Well No. 6	17002	17002	152.00
412921087335001	04-29-87	1200	Sauk Village Well No. 1	17002	17002	--
412921087335101	11-15-85	1420	Sauk Village Well No. 2	17002	17002	--
412936087401401	05-31-85	1110	Park Forest Well No. 2	17002	17002	124.00
412959087415301	11-15-85	1530	Park Forest Well No. 7	17002	17002	--
	11-15-85	1535	Park Forest Well No. 7	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
					Bureau County						
412157089350202	03-09-87	30	156	725	7.30	-234	13.0	88	35	25	2.5
412259089501101	03-09-87	33	100	935	7.30	-139	14.5	19	10	180	9.3
					Carroll County						
421241089433401	02-18-87	32	465	505	7.10	-136	16.0	55	35	2.4	4.1
					Cook County						
412809087381701	09-19-85	70	258	935	7.00	-82	12.5	110	60	15	5.4
412809087381702	09-19-85	120	250	915	7.00	-87	12.5	110	60	14	5.2
412832087380501	11-15-85	185	385	939	7.00	-40	11.5	130	73	19	6.0
	05-29-87	155	600	--	--	--	--	--	--	--	--
412841087422701	12-12-86	195	620	915	7.20	-80	12.0	110	43	29	6.7
	12-12-86	200	620	915	7.20	-80	12.0	120	44	29	6.7
412853087373401	11-15-85	255	425	1,000	7.00	-94	11.5	100	55	34	4.1
	04-29-87	765	400	--	--	--	--	--	--	--	--
	05-29-87	445	400	--	--	--	--	--	--	--	--
	06-15-87	465	400	--	--	--	--	120	60	46	5.9
412858087441201	05-30-85	210	920	1,150	7.10	-137	14.5	130	56	29	6.6
	05-30-85	210	920	1,150	7.10	-137	14.5	130	56	29	6.6
412912087430101	05-30-85	115	600	1,360	7.00	-110	13.5	130	56	29	6.6
	12-12-86	70	625	--	--	--	--	--	--	--	--
412919087410601	05-23-85	430	--	1,080	7.00	-124	13.0	72	41	23	1.1
412921087335001	04-29-87	720	660	--	--	--	--	170	89	45	5.8
412921087335101	11-15-85	50	800	1,160	7.00	-110	11.5	120	72	37	5.2
412936087401401	05-31-85	310	1,800	1,650	7.30	-40	14.5	230	94	26	6.8
412959087415301	11-15-85	15	800	--	--	--	--	130	53	37	8.6
	11-15-85	20	800	--	--	--	--	120	52	37	8.7

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Bureau County						
412157089350202	03-09-87	--	415	<10	7.0	0.4	--	445	<0.100	2.20	0.160
412259089501101	03-09-87	--	469	68	8.8	.7	7.2	593	<.100	1.10	<.010
					Carroll County						
421241089433401	02-18-87	--	294	14	1.2	.3	7.7	375	<.100	<.100	<.010
					Cook County						
412809087381701	09-19-85	375	358	200	10	.4	12	697	<.100	.320	<.010
412809087381702	09-19-85	375	364	200	11	.3	12	668	<.100	.250	<.010
412832087380501	11-15-85	390	371	230	6.9	.3	13	704	<.100	.300	<.010
	05-29-87	--	--	--	--	--	--	--	--	--	--
412841087422701	12-12-86	370	--	190	<1.0	.6	--	--	<.100	.530	<.010
	12-12-86	--	363	190	<1.0	.6	12	504	<.100	.470	<.010
412853087373401	11-15-85	407	389	170	44	.3	15	743	<.100	.450	.270
	04-29-87	--	--	--	--	--	--	--	--	--	--
	05-29-87	--	--	--	--	--	--	--	--	--	--
	06-15-87	--	--	--	--	--	--	--	--	--	--
412858087441201	05-30-85	328	312	420	1.9	.5	10	945	<.100	.530	<.010
	05-30-85	328	312	420	1.9	.5	10	945	<.100	.530	--
412912087430101	05-30-85	364	341	280	1.9	.5	10	932	<.100	.690	<.010
	12-12-86	--	--	--	--	--	--	--	--	--	--
412919087410601	05-23-85	--	265	65	39	.1	6.9	441	4.50	<.100	<.010
412921087335001	04-29-87	--	425	330	74	.4	15	1,010	<.100	.410	.010
412921087335101	11-15-85	431	410	270	42	.4	16	852	<.100	.470	.010
412936087401401	05-31-85	410	379	550	18	.3	11	1,260	<.100	.390	<.010
412959087415301	11-15-85	--	291	290	7.2	.6	10	725	<.100	.270	.130
	11-15-85	--	293	290	7.6	.5	10	719	<.100	.290	.140

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Bureau County						
412157089350202	03-09-87	<50	45	1,000	<0.5	220	<3	<5	7	<5	4,500
412259089501101	03-09-87	<50	<1	20	<.5	780	<3	<5	<5	<5	<50
					Carroll County						
421241089433401	02-18-87	<50	<1	100	<.5	<50	<3	<5	<5	<5	210
					Cook County						
412809087381701	09-19-85	<50	<1	30	<.5	440	<3	<5	<5	<5	330
412809087381702	09-19-85	<50	<1	40	<.5	410	<3	<5	<5	<5	450
412832087380501	11-15-85	<50	<1	40	<.5	460	<3	<5	<5	<5	440
	05-29-87	--	--	--	--	--	--	--	--	--	--
412841087422701	12-12-86	<50	2	20	<.5	1,000	<3	<5	<5	<5	340
	12-12-86	<50	2	20	<.5	1,100	<3	<5	<5	5	340
412853087373401	11-15-85	<50	<1	100	<.5	400	<3	<5	<5	29	140
	04-29-87	--	--	--	--	--	--	--	--	--	--
	05-29-87	--	--	--	--	--	--	--	--	--	--
	06-15-87	<50	--	90	3.0	470	<3	<5	<5	<5	160
412858087441201	05-30-85	<50	3	20	<.5	640	<3	<5	<5	<5	130
	05-30-85	<50	3	20	<.5	640	<3	<5	<5	<5	130
412912087430101	05-30-85	<50	4	10	<.5	630	<3	<5	<5	<5	120
	12-12-86	--	--	--	--	--	--	--	--	--	--
412919087410601	05-23-85	<50	<1	30	<.5	60	<3	<5	<5	<5	<50
412921087335001	04-29-87	90	<1	50	<.5	670	<3	<5	10	<5	1,500
412921087335101	11-15-85	<50	<1	50	<.5	710	<3	<5	<5	<5	1,100
412936087401401	05-31-85	<50	<1	30	<.5	520	<3	<5	7	<5	270
412959087415301	11-15-85	<50	2	20	<.5	850	<3	<5	<5	8	2,200
	11-15-85	<50	2	20	<.5	870	<3	<5	<5	7	2,200

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Bureau County						
412157089350202	03-09-87	<5	570	<0.05	<5	<1	4	630	<5	<50	<0.010
412259089501101	03-09-87	<5	<5	.07	<5	<1	<3	640	<5	<50	<.010
					Carroll County						
421241089433401	02-18-87	<5	<5	<.05	<5	<1	<3	340	<5	<50	<.010
					Cook County						
412809087381701	09-19-85	<5	6	<.01	<5	<1	<3	790	<5	<50	<.010
412809087381702	09-19-85	<5	10	.04	<5	<1	3	730	<5	<50	<.010
412832087380501	11-15-85	<5	6	.03	<5	1	<3	1,000	<5	<50	<.010
	05-29-87	--	--	--	--	--	--	--	--	--	--
412841087422701	12-12-86	<5	<5	<.05	<5	<1	<3	1,300	<5	<50	<.010
	12-12-86	<5	<5	<.05	<5	<1	<3	1,300	<5	<50	<.010
412853087373401	11-15-85	<5	<5	<.01	<5	<1	<3	630	<5	<50	<.010
	04-29-87	--	--	--	--	--	--	--	--	--	--
	05-29-87	--	--	--	--	--	--	--	--	--	--
	06-15-87	<5	<5	--	20	--	<3	660	8	<100	--
412858087441201	05-30-85	<5	<5	<.01	<5	<1	<3	1,600	<5	<50	<.010
	05-30-85	<5	<5	<.01	<5	<1	<3	1,600	<5	<50	<.010
412912087430101	05-30-85	<5	<5	<.01	<5	<5	<3	1,600	<5	<50	<.010
	12-12-86	--	--	--	--	--	--	--	--	--	--
412919087410601	05-23-85	<5	<5	<.01	<5	1	<3	60	<5	<50	<.010
412921087335001	04-29-87	<5	28	<.05	<5	<1	<3	1,900	5	<50	<.010
412921087335101	11-15-85	<5	13	<.01	<5	<1	<3	1,800	<5	<50	<.010
412936087401401	05-31-85	<5	61	<.01	13	<1	4	1,800	<5	<50	<.010
412959087415301	11-15-85	7	11	.05	<5	<1	<3	1,400	<5	<50	<.010
	11-15-85	9	11	<.01	<5	<1	<3	1,400	<5	<50	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Bureau County					
412157089350202	03-09-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412259089501101	03-09-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Carroll County					
421241089433401	02-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Cook County					
412809087381701	09-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412809087381702	09-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412832087380501	11-15-85	<5	--	--	--	--	--	--	--	--
	05-29-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412841087422701	12-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-12-86	<5	--	--	--	--	--	--	--	--
412853087373401	11-15-85	<5	--	--	--	--	--	--	--	--
	04-29-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
	05-29-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
	06-15-87	--	--	--	--	--	--	--	--	--
412858087441201	05-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	05-30-85	<5	--	--	--	--	<1.0	--	--	--
412912087430101	05-30-85	<5	--	--	--	--	--	--	--	--
	12-12-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412919087410601	05-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412921087335001	04-29-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412921087335101	11-15-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412936087401401	05-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412959087415301	11-15-85	<5	--	--	--	--	--	--	--	--
	11-15-85	<5	--	--	--	--	--	--	--	--

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Bureau County					
412157089350202	03-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412259089501101	03-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Carroll County					
421241089433401	02-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Cook County					
412809087381701	09-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412809087381702	09-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412832087380501	11-15-85	--	--	--	--	--	--	--	--	--
	05-29-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412841087422701	12-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-12-86	--	--	--	--	--	--	--	--	--
412853087373401	11-15-85	--	--	--	--	--	--	--	--	--
	04-29-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-29-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-15-87	--	--	--	--	--	--	--	--	--
412858087441201	05-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-30-85	--	--	--	--	--	--	--	--	--
412912087430101	05-30-85	--	--	--	--	--	--	--	--	--
	12-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412919087410601	05-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412921087335001	04-29-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412921087335101	11-15-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412936087401401	05-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412959087415301	11-15-85	--	--	--	--	--	--	--	--	--
	11-15-85	--	--	--	--	--	--	--	--	--

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Cook County--Continued			
413002087335501	04-29-87	1055	Sauk Village Well No. 3	17002	17002	--
413024087325101	04-21-87	1400	Linway Estates Mobile Home Park Well No. 2	17002	17002	--
413043087391201	03-20-85	1540	Chicago Heights Well No. 30	81700	17002	83.00
413412087473801	11-20-85	1315	Tinley Park State Hospital Well No. 2	17002	17002	--
413930087595801	11-12-85	1200	Lemont Well No. 2	17002	17002	120.00
413938087451001	11-20-85	1500	Crestwood Well No. 1	17002	17002	--
414614087534901	03-21-85	1145	Indian Head Park Well No. 2	81700	17002	186.00
414619087533701	07-09-85	1450	Indian Head Park Well No. 3	17002	17002	87.00
414829087534601	08-16-85	1025	Western Springs Well No. 1	17002	17002	94.00
414841087531901	10-11-85	1220	La Grange Well No. 5	17002	17002	217.00
414843087530901	10-11-85	1055	La Grange Well No. 6	17002	17002	221.00
415930088110601	06-12-85	1100	Bartlett Well No. 2	17002	17002	--
415930088110602	03-01-85	1045	Bartlett Well No. 1	81700	17002	64.00
415940088043501	08-23-85	1150	Concord Terrace Well No. 1	17002	17002	40.00
420008087550001	07-22-85	1400	Prospect Heights Well No. 1	17002	17002	107.00
420012088071001	08-20-85	1220	Schaumburg Well No. 5	17002	17002	--
420106088063301	08-20-85	1045	Schaumburg Well No. 4	17002	17002	48.00
420120088052801	08-20-85	1400	Schaumburg Well No. 6	17002	17002	--
420131088024401	08-21-85	1315	Schaumburg Well No. 17	17002	17002	57.00
420235088022501	08-21-85	1520	Schaumburg Well No. 11	17002	17002	116.00
420242088044001	09-24-85	1048	Hoffman Estates Well No. 3	17002	17002	--
420245088041501	09-24-85	1150	Hoffman Estates Well No. 1	17002	17002	136.70
420323088024301	08-21-85	1100	Schaumburg Well No. 9	17002	17002	74.00
420535088023901	08-14-85	1055	Plumgrove Condominium No. 1	17002	17002	--
420538088023901	08-14-85	1335	Plumgrove Condominium No. 2	17002	17002	--
	08-14-85	1340	Plumgrove Condominium No. 2	17002	17002	--
420538088024301	08-14-85	1225	Plumgrove Condominium No. 3	17002	17002	--
420754087552001	04-11-85	0935	Wheeling Well No. 4	17002	17002	--
420906088081301	07-22-85	1040	Barrington Well No. 1	17002	17002	118.00
	07-22-85	1045	Barrington Well No. 1	17002	17002	118.00
420908088081001	07-22-85	1205	Barrington Well No. 2	17002	17002	110.00

			De Kalb County			
414606088383701	09-24-86	0950	Hinckley Well No. 2	17002	17002	60.00
			Douglas County			
394748088164001	03-05-87	1100	Douglas Water Company Incorporated Well No. 9	17002	17002	--
			Du Page County			
414322087565801	10-23-85	1210	Rosewood Trace (Local No. 3) Well No. 2	17002	17002	108.00
414325087570601	10-23-85	1115	Rosewood Trace (Local No. 2) Well No. 3	17002	17002	--
	10-23-85	1120	Rosewood Trace (Local No. 2) Well No. 3	17002	17002	--
414425087574701	10-23-85	1400	Hinswood Subdivision Well No. 2	17002	17002	111.00
414431087580501	10-23-85	1515	Hinswood Subdivision Well No. 1	17002	17002	184.00
414451088080701	07-30-85	0950	Naperville Well No. 8	17002	17002	44.00
414453087582501	09-27-85	1125	Darien Brookhaven Manor Well No. 2	17002	17002	44.00
414500087581601	09-27-85	1005	Darien Brookhaven Manor Well No. 1	17002	17002	--
414500087582501	09-27-85	1240	Darien Brookhaven Manor Well No. 3	17002	17002	--
	09-27-85	1245	Darien Brookhaven Manor Well No. 3	17002	17002	216.00
414530088013701	07-12-85	1300	Downers Grove Well No. 14	17002	17002	102.00
414557088003101	07-12-85	1025	Downers Grove Well No. 13	17002	17002	40.00
414600088101801	07-30-85	1210	Naperville Well No. 11	17002	17002	54.00
414601088101801	07-31-85	1450	Naperville Well No. 15	17002	17002	70.00
414603087564701	03-10-87	1040	Willowbrook Well No. 1	17002	17002	--
414608088112001	07-30-85	1330	Naperville Well No. 14	17002	17002	104.00
414613087565601	03-10-87	1210	Willowbrook Well No. 2	17002	17002	--
414618087563601	03-10-87	1255	Willowbrook Well No. 4	17002	17002	--
414622088013601	07-12-85	1145	Downers Grove Well No. 11	17002	17002	40.00
414633088080501	03-08-85	1115	Naperville Well No. 5	81700	17002	73.00
	12-11-86	0915	Naperville Well No. 5	81700	81700	74.00
	05-12-87	0940	Naperville Well No. 5	81700	17002	75.00
414636088080401	07-31-85	1010	Naperville Well No. 6	17002	17002	--
414642088045601	09-20-85	1315	Lisle Oakview Well No. 3	17002	17002	65.00
414642088045601	09-20-85	1320	Lisle Oakview Well No. 3	17002	17002	65.00
414657088090401	07-31-85	1125	Naperville Well No. 4	17002	17002	63.00
414658088035301	09-20-85	1145	Lisle Oakview Well No. 2	17002	17002	112.00
414701087570101	12-10-85	1020	Clarendon Water Company Well No. 2	17002	17002	--
414708088132901	07-31-85	1325	Naperville Well No. 19	17002	17002	110.00
414720087570401	09-10-85	1130	Clarendon Hills Well No. 6	17002	17002	146.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Cook County--Continued							
413002087335501	04-29-87	15	1,200	--	--	--	--	220	80	41	5.2
413024087325101	04-21-87	10	--	--	--	--	--	140	68	52	7.0
413043087391201	03-20-85	115	E925	1,200	6.80	16	10.5	150	70	33	7.9
413412087473801	11-20-85	75	1,050	--	--	--	--	120	62	17	4.9
413930087595801	11-12-85	315	400	242	7.00	-90	11.5	150	84	21	4.5
413938087451001	11-20-85	45	330	985	7.00	-36	11.5	130	63	30	5.3
414614087534901	03-21-85	80	638	1,890	6.80	-13	12.5	170	81	150	7.6
414619087533701	07-09-85	350	390	1,930	6.70	17	12.5	180	78	130	7.0
414829087534601	08-16-85	105	800	2,130	6.70	-30	13.5	280	110	75	6.7
414841087531901	10-11-85	55	675	1,410	6.80	-68	12.0	--	--	--	--
414843087530901	10-11-85	50	575	1,480	6.90	-98	12.5	200	80	68	5.8
415930088110601	06-12-85	180	300	865	7.30	-202	11.5	27	17	140	7.1
415930088110602	03-01-85	165	400	860	7.30	-148	11.5	90	60	15	2.2
415940088043501	08-23-85	60	150	795	7.50	-82	12.5	69	43	43	3.7
420008087550001	07-22-85	300	170	775	7.50	-79	16.5	53	40	50	3.5
420012088071001	08-20-85	>1,440	350	715	7.40	-154	11.5	71	45	25	1.6
420106088063301	08-20-85	4,320	400	670	7.60	327	13.5	70	38	31	1.8
420120088052801	08-20-85	>1,440	330	735	7.70	-131	12.0	59	35	53	4.1
420131088024401	08-21-85	45	870	1,300	7.30	-113	13.0	140	78	41	2.7
420235088022501	08-21-85	>1,440	760	1,090	7.60	-126	12.0	100	57	56	2.4
420242088044001	09-24-85	288	300	--	--	--	--	82	49	45	2.1
420245088041501	09-24-85	125	345	985	7.60	-115	11.5	95	55	54	2.5
420323088024301	08-21-85	>1,440	350	1,040	7.80	-144	11.5	89	61	58	2.5
420535088023901	08-14-85	85	--	970	7.20	393	15.5	69	55	60	2.6
420538088023901	08-14-85	130	--	955	8.30	125	14.0	69	56	59	2.6
	08-14-85	130	--	955	8.35	125	14.0	69	56	60	2.7
420538088024301	08-14-85	155	--	955	7.60	-72	12.5	70	56	60	2.7
420754087552001	04-11-85	155	210	1,300	7.00	-30	12.0	150	96	71	5.4
420906088081301	07-22-85	580	800	650	7.60	-80	14.0	59	46	18	1.7
	07-22-85	585	800	650	7.60	-80	14.0	58	45	18	1.7
420908088081001	07-22-85	185	800	750	7.30	-95	12.0	75	53	13	1.7

					De Kalb County						
414606088383701	09-24-86	80	310	565	7.40	--	12.0	58	39	16	.9
					Douglas County						
394748088164001	03-05-87	60	E85	1,070	6.80	-247	17.0	68	31	220	7.7
					Du Page County						
414322087565801	10-23-85	40	900	870	7.10	-64	16.0	76	22	61	14
414325087570601	10-23-85	75	400	950	7.00	-53	11.5	130	58	29	3.8
	10-23-85	80	400	950	7.00	-53	11.5	130	57	30	3.8
414425087574701	10-23-85	60	680	1,050	7.30	-46	12.0	130	51	64	4.5
414431087580501	10-23-85	105	800	1,020	7.00	-29	11.5	150	51	40	4.8
414451088080701	07-30-85	170	200	930	7.10	68	12.0	97	52	23	1.9
414453087582501	09-27-85	185	220	1,050	7.20	-11	11.5	140	51	42	5.4
414500087581601	09-27-85	185	180	1,000	7.20	139	13.5	81	29	99	8.0
414500087582501	09-27-85	340	290	1,090	7.10	9	13.0	140	45	36	7.0
	09-27-85	340	290	1,090	7.12	9	13.0	130	44	36	6.9
414530088013701	07-12-85	103	1,000	1,170	7.20	-16	12.5	120	57	48	4.8
414557088003101	07-12-85	>1,440	1,010	1,120	6.90	-87	12.5	130	52	37	4.2
414600088101801	07-30-85	>1,440	165	1,070	6.80	-54	12.5	120	55	31	2.3
414601088101801	07-31-85	395	480	1,340	6.80	-3	13.5	140	66	72	5.0
414603087564701	03-10-87	190	250	1,370	7.00	-62	11.5	210	56	39	5.0
414608088112001	07-30-85	390	575	1,080	7.00	-65	11.5	130	61	27	3.2
414613087565601	03-10-87	265	200	1,250	7.00	-4	10.5	170	50	37	4.7
414618087563601	03-10-87	235	340	--	--	--	--	210	54	30	4.2
414622088013601	07-12-85	1,440	1,400	1,350	6.80	31	11.5	140	65	65	6.3
414633088080501	03-08-85	270	682	815	7.20	-38	12.0	89	42	26	2.5
	12-11-86	1,440	633	860	7.00	62	11.5	91	43	27	1.9
	05-12-87	35	618	970	7.00	47	12.5	110	51	30	2.2
414636088080401	07-31-85	1,440	200	935	7.10	29	12.5	100	57	17	2.4
414642088045601	09-20-85	135	280	995	7.20	-37	12.5	98	53	33	3.4
414642088045601	09-20-85	140	280	995	7.20	-37	12.5	100	54	33	3.4
414657088090401	07-31-85	325	750	1,090	7.10	-65	13.0	120	63	23	2.7
414658088035301	09-20-85	150	370	1,430	7.00	33	13.0	140	67	69	5.8
414701087570101	12-10-85	20	200	--	--	--	--	150	50	26	4.5
414708088132901	07-31-85	>1,440	940	750	7.30	-75	12.0	69	41	30	4.4
414720087570401	09-10-85	75	--	1,150	7.20	-63	12.0	150	50	32	4.0

E Estimated.

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				Cook County--Continued							
413002087335501	04-29-87	--	584	290	82	0.2	17	1,090	<0.100	0.250	<0.010
413024087325101	04-21-87	--	471	220	48	.4	15	834	<.100	.410	<.010
413043087391201	03-20-85	328	333	310	79	.6	11	1,000	<.100	.340	.020
413412087473801	11-20-85	--	364	170	5.0	.4	11	652	<.100	.160	<.010
413930087595801	11-12-85	439	418	250	24	.2	18	805	<.100	.340	<.010
413938087451001	11-20-85	338	325	190	61	.3	14	737	<.100	.310	.030
414614087534901	03-21-85	372	378	410	260	.2	12	1,480	<.100	.340	.010
414619087533701	07-09-85	380	371	390	220	.3	11	1,420	<.100	.490	<.010
414829087534601	08-16-85	443	432	680	140	.2	12	1,920	<.100	.550	<.010
414841087531901	10-11-85	378	--	--	--	--	--	--	--	--	--
414843087530901	10-11-85	390	390	370	120	.3	12	1,220	<.100	.490	.100
415930088110601	06-12-85	398	325	100	5.0	1.3	8.1	480	<.100	.490	<.010
415930088110602	03-01-85	389	386	110	18	.4	26	594	<.100	.420	.020
415940088043501	08-23-85	205	353	230	15	.5	15	615	<.100	.560	.010
420008087550001	07-22-85	229	223	160	22	.4	17	787	<.100	.410	<.010
420012088071001	08-20-85	278	264	140	7.4	.5	22	626	<.100	.470	<.010
420106088063301	08-20-85	230	221	170	1.9	.6	19	641	<.100	.460	.010
420120088052801	08-20-85	211	197	210	1.3	.6	15	626	<.100	.430	<.010
420131088024401	08-21-85	286	274	450	39	.4	19	1,180	<.100	.660	<.010
420235088022501	08-21-85	175	167	420	22	.4	16	1,010	<.100	.650	<.010
420242088044001	09-24-85	--	160	370	1.8	.6	19	697	<.100	.720	.130
420245088041501	09-24-85	164	160	460	2.7	.6	18	800	<.100	.670	<.010
420323088024301	08-21-85	157	--	380	11	.5	18	1,120	<.100	.750	<.010
420535088023901	08-14-85	158	160	370	4.5	.6	19	732	<.100	.420	<.010
420538088023901	08-14-85	156	158	380	23	.6	18	722	<.100	.510	<.010
	08-14-85	156	159	370	2.8	.6	18	733	<.100	.470	<.010
420538088024301	08-14-85	158	158	370	2.6	.6	18	770	<.100	.500	<.010
420754087552001	04-11-85	300	295	470	43	.4	22	135	<.100	.380	.010
420906088081301	07-22-85	304	297	68	5.9	.5	29	530	<.100	.370	.010
	07-22-85	304	283	65	7.8	.5	--	528	<.100	.350	<.010
420908088081001	07-22-85	345	337	81	11	.4	28	628	<.100	.300	.020

					De Kalb County						
414606088383701	09-24-86	331	331	18	2.2	.4	--	376	<.100	.750	.620
					Douglas County						
394748088164001	03-05-87	--	362	23	350	.3	10	863	<.100	.950	<.010
					Du Page County						
414322087565801	10-23-85	280	281	100	23	1.2	7.4	475	.160	.580	<.010
414325087570601	10-23-85	373	373	170	55	.3	16	730	<.100	.680	<.010
	10-23-85	373	372	170	56	.3	16	726	<.100	.640	<.010
414425087574701	10-23-85	342	342	180	89	.4	15	739	<.100	.430	<.010
414431087580501	10-23-85	337	337	200	77	.3	14	782	<.100	.520	<.010
414451088080701	07-30-85	360	354	72	56	.2	14	779	3.40	.100	<.010
414453087582501	09-27-85	329	328	210	71	.3	11	814	<.100	.440	<.010
414500087581601	09-27-85	322	325	160	41	1.0	8.9	662	<.100	.220	<.010
414500087582501	09-27-85	343	339	220	56	.6	10	758	<.100	.390	<.010
	09-27-85	343	342	230	47	.6	10	744	--	--	--
414530088013701	07-12-85	319	311	190	100	.1	9.9	862	.110	<.100	<.010
414557088003101	07-12-85	332	327	200	83	.3	12	844	<.100	.500	.010
414600088101801	07-30-85	363	368	120	86	.2	14	920	<.100	<.100	<.010
414601088101801	07-31-85	354	359	280	94	.6	13	1,330	<.100	.290	<.010
414603087564701	03-10-87	--	403	440	9.2	.3	--	1,030	<.100	.550	<.010
414608088112001	07-30-85	374	371	230	32	.5	13	1,110	<.100	.570	.020
414613087565601	03-10-87	--	390	330	10	.3	--	863	<.100	.520	<.010
414618087563601	03-10-87	--	449	350	12	.3	--	945	<.100	.530	<.010
414622088013601	07-12-85	347	338	250	130	.1	10	1,160	<.100	<.100	<.010
414633088080501	03-08-85	268	267	110	60	.1	8.9	524	.590	.180	<.010
	12-11-86	--	291	110	53	.7	--	540	.520	<.100	.040
	05-12-87	--	314	140	61	.2	10	660	.300	<.100	<.010
414636088080401	07-31-85	326	325	150	43	.2	13	823	.250	<.100	<.010
414642088045601	09-20-85	335	323	120	77	.2	12	667	.130	.200	<.010
414642088045601	09-20-85	335	325	120	78	.2	12	679	.140	.180	<.010
414657088090401	07-31-85	350	347	170	64	.2	16	965	<.100	.130	<.010
414658088035301	09-20-85	353	344	330	110	.2	12	994	<.100	.290	<.010
414701087570101	12-10-85	--	355	220	38	.3	14	716	<.100	.560	<.010
414708088132901	07-31-85	293	294	110	20	.7	11	645	<.100	.370	<.010
414720087570401	09-10-85	349	339	220	76	.3	14	880	.100	.550	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Cook County--Continued							
413002087335501	04-29-87	80	<1	50	<0.5	360	<3	<5	10	50	3,800
413024087325101	04-21-87	60	<1	40	<.5	880	<3	<5	9	<5	1,700
413043087391201	03-20-85	90	<1	70	<.5	710	<3	<5	<5	<5	590
413412087473801	11-20-85	<50	<1	40	<.5	290	<3	<5	<5	<5	430
413930087595801	11-12-85	<50	1	20	<.5	200	<3	<5	<5	<5	650
413938087451001	11-20-85	<50	<1	50	<.5	250	<3	<5	<5	<5	1,200
414614087534901	03-21-85	<50	2	30	<.5	260	<3	<5	<5	<5	350
414619087533701	07-09-85	<50	1	40	<.5	230	<3	<5	<5	6	530
414829087534601	08-16-85	<50	1	30	<2.0	230	<3	<5	<5	<5	1,700
414841087531901	10-11-85	--	--	--	--	--	--	--	--	--	--
414843087530901	10-11-85	<50	<1	60	<2.0	230	<3	<5	7	<5	2,000
415930088110601	06-12-85	<50	<1	10	<.5	1,300	<3	<5	<5	<5	590
415930088110602	03-01-85	<50	<1	90	<.5	100	<3	<5	<5	<5	1,300
415940088043501	08-23-85	<50	<1	10	<.5	570	<3	<5	<5	<5	890
420008087550001	07-22-85	<50	<1	30	<.5	600	<3	<5	<5	23	180
420012088071001	08-20-85	<50	<1	30	<.5	280	<3	<5	<5	<5	860
420106088063301	08-20-85	<50	<1	20	<.5	380	<3	<5	<5	<5	440
420120088052801	08-20-85	<50	<1	8	<.5	580	<3	<5	<5	<5	560
420131088024401	08-21-85	<50	<1	20	<1.0	410	<3	<5	<5	<5	1,600
420235088022501	08-21-85	<50	<1	10	<1.0	530	<3	<5	<5	<5	640
420242088044001	09-24-85	<50	<1	20	<.5	440	<3	<5	<5	<5	520
420245088041501	09-24-85	<50	<1	20	<.5	480	<3	<5	<5	<5	490
420323088024301	08-21-85	<50	<1	10	<.5	500	<3	<5	<5	<5	640
420535088023901	08-14-85	<50	<1	10	<.5	500	<3	<5	<5	<5	560
420538088023901	08-14-85	<50	<1	10	<.5	500	<3	<5	<5	<5	260
	08-14-85	<50	<1	10	<.5	490	<3	<5	<5	<5	390
420538088024301	08-14-85	<50	<1	10	<.5	490	<3	<5	<5	<5	410
420754087552001	04-11-85	<50	<1	50	<2.0	680	3	<5	<5	<5	600
420906088081301	07-22-85	<50	<1	40	<.5	160	<3	<5	<5	<5	430
	07-22-85	<50	<1	40	<.5	160	<3	<5	<5	<5	410
420908088081001	07-22-85	<50	<1	60	<.5	110	<3	<5	<5	<5	490

					De Kalb County						
414606088383701	09-24-86	<50	<1	200	<.5	80	<3	<5	<5	<5	1,100
					Douglas County						
394748088164001	03-05-87	<50	<1	200	<.5	190	<3	<5	<5	<5	<50
					Du Page County						
414322087565801	10-23-85	<50	<1	40	<.5	540	<3	<5	<5	<5	190
414325087570601	10-23-85	<50	2	30	<1.0	200	<3	<5	<5	<5	1,300
	10-23-85	<50	2	30	<.5	200	<3	<5	<5	<5	1,300
414425087574701	10-23-85	<50	2	50	<.5	190	<3	<5	<5	<5	810
414431087580501	10-23-85	<50	2	40	<.5	240	<3	<5	<5	<5	760
414451088080701	07-30-85	<50	<1	60	<.5	60	<3	<5	<5	5	50
414453087582501	09-27-85	<50	2	30	<.5	240	<3	<5	<5	<5	360
414500087581601	09-27-85	<50	<1	20	<1.0	430	<3	<5	<5	<5	<50
414500087582501	09-27-85	<50	4	40	<2.0	350	<3	<5	8	<5	190
	09-27-85	<50	<1	40	<2.0	330	<3	<5	8	<5	200
414530088013701	07-12-85	<50	<1	60	<.5	90	<3	<5	<5	<5	140
414557088003101	07-12-85	<50	3	50	<.5	160	<3	<5	<5	<5	1,100
414600088101801	07-30-85	<50	1	80	<.5	60	<3	<5	<5	<5	970
414601088101801	07-31-85	<50	2	60	<.5	370	<3	<5	<5	<5	220
414603087564701	03-10-87	<50	3	20	<.5	430	<3	<5	10	26	1,200
414608088112001	07-30-85	<50	<1	90	<.5	360	<3	<5	<5	<5	1,300
414613087565601	03-10-87	<50	2	20	<.5	400	<3	<5	10	19	840
414618087563601	03-10-87	<50	4	40	<.5	330	<3	<5	10	<5	1,800
414622088013601	07-12-85	<50	<1	80	<.5	130	<3	<5	<5	<5	<50
414633088080501	03-08-85	<50	<1	50	<.5	<50	<3	<5	<5	<5	70
	12-11-86	<50	<1	50	<.5	60	<3	<5	6	<5	130
	05-12-87	50	<1	60	<.5	80	<3	<5	7	<5	120
414636088080401	07-31-85	<50	<1	70	<.5	130	<3	<5	<5	<5	220
414642088045601	09-20-85	<50	<1	80	<.5	70	<3	<5	<5	<5	190
414642088045601	09-20-85	<50	<1	70	<.5	60	<3	<5	<5	<5	210
414657088090401	07-31-85	<50	1	100	<.5	80	<3	<5	<5	<5	1,400
414658088035301	09-20-85	<50	<1	90	<.5	130	<3	<5	<5	<5	<50
414701087570101	12-10-85	<50	2	30	<.5	230	<3	<5	<5	<5	1,100
414708088132901	07-31-85	<50	1	40	<.5	480	<3	<5	<5	<5	460
414720087570401	09-10-85	<50	1	30	<.5	210	<3	<5	<5	<5	1,100

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Cook County--Continued							
413002087335501	04-29-87	<5	97	<0.05	<5	<1	<3	1,100	5	100	<0.010
413024087325101	04-21-87	<5	56	<.05	<5	<1	<3	1,600	<5	<50	<.010
413043087391201	03-20-85	<5	31	<.10	22	<1	<3	1,800	<5	<50	<.010
413412087473801	11-20-85	<5	10	.39	<5	1	<3	640	<5	<50	<.010
413930087595801	11-12-85	<5	17	<.01	<5	<1	<3	810	<5	<50	<.010
413938087451001	11-20-85	<5	32	<.01	<5	<1	<3	450	<5	<50	<.010
414614087534901	03-21-85	5	35	<.10	<5	<1	<3	930	<5	<50	<.010
414619087533701	07-09-85	<5	31	<.01	<5	<1	<3	780	<5	<50	.060
414829087534601	08-16-85	<5	120	<.01	<5	<1	<3	1,000	5	<50	<.010
414841087531901	10-11-85	--	--	--	--	--	--	--	--	--	--
414843087530901	10-11-85	<5	84	<.01	6	<1	<3	550	5	<50	<.010
415930088110601	06-12-85	<5	<5	<.01	<5	<1	<3	470	<5	<100	<.010
415930088110602	03-01-85	<5	24	<.10	<5	<1	<3	500	<5	<50	<.010
415940088043501	08-23-85	<5	6	<.01	<5	<1	<3	1,200	<5	<50	<.010
420008087550001	07-22-85	<5	7	<.01	<5	<1	<3	1,900	<5	<100	<.010
420012088071001	08-20-85	<5	8	<.01	<5	<1	<3	1,100	<5	<50	<.010
420106088063301	08-20-85	<5	5	<.01	<5	<1	<3	1,200	<5	<50	<.010
420120088052801	08-20-85	<5	6	<.01	<5	<1	<3	1,100	<5	<50	<.010
420131088024401	08-21-85	<5	13	<.01	<5	<1	<3	2,300	<5	<50	<.010
420235088022501	08-21-85	<5	11	<.01	<5	2	<3	2,100	<5	<50	<.010
420242088044001	09-24-85	<5	7	<.01	<5	2	<3	1,700	<5	<50	<.010
420245088041501	09-24-85	<5	10	<.01	<5	<1	<3	2,000	<5	<50	<.010
420323088024301	08-21-85	<5	8	<.01	<5	<1	<3	2,200	<5	<50	<.010
420535088023901	08-14-85	<5	10	.06	<5	1	<3	2,000	<5	<50	<.010
420538088023901	08-14-85	<5	9	<.01	<5	<1	<3	2,000	<5	<50	<.010
	08-14-85	<5	10	<.01	<5	1	<3	2,000	<5	<50	<.010
420538088024301	08-14-85	<5	11	<.01	<5	<1	<3	2,000	<5	<50	<.010
420754087552001	04-11-85	<5	15	<.10	<5	<1	<3	2,800	<5	<50	<.010
420906088081301	07-22-85	<5	<5	<.01	<5	1	<3	800	<5	<50	<.010
	07-22-85	<5	<5	<.01	<5	<1	<3	780	<5	<50	<.010
420908088081001	07-22-85	<5	<5	<.01	<5	<1	<3	740	<5	<50	<.010

					De Kalb County						
414606088383701	09-24-86	<5	9	<.05	10	1	<3	720	<5	<100	<.010
					Douglas County						
394748088164001	03-05-87	<5	6	.05	<5	<1	<3	870	<5	<50	<.010
					Du Page County						
414322087565801	10-23-85	<5	13	<.01	<5	<1	<3	3,400	<5	<50	<.010
414325087570601	10-23-85	<5	11	<.01	<5	<1	<3	1,300	<5	<50	<.010
	10-23-85	<5	10	<.01	<5	<1	<3	1,300	<5	<50	<.010
414425087574701	10-23-85	<5	18	<.01	<5	<1	<3	1,200	<5	<50	<.010
414431087580501	10-23-85	<5	10	<.01	<5	<1	<3	1,200	<5	<50	<.010
414451088080701	07-30-85	<5	<5	<.01	<5	1	<3	140	<5	<50	<.010
414453087582501	09-27-85	<5	10	<.01	<5	<1	<3	1,200	<5	<50	<.010
414500087581601	09-27-85	<5	7	<.01	<5	<1	<3	860	<5	<50	<.010
414500087582501	09-27-85	<5	14	<.01	10	1	5	1,600	6	<50	<.010
	09-27-85	<5	13	.11	10	1	5	1,600	6	<50	<.010
414530088013701	07-12-85	<5	6	<.01	<5	1	<3	390	<5	<50	<.010
414557088003101	07-12-85	<5	10	<.01	<5	<1	<3	1,300	<5	<50	<.010
414600088101801	07-30-85	<5	77	<.01	<5	<1	<3	170	<5	<50	<.010
414601088101801	07-31-85	7	70	.09	<5	<1	<3	450	<5	<50	<.010
414603087564701	03-10-87	8	25	<.05	<5	<1	<3	2,400	<5	<50	<.010
414608088112001	07-30-85	<5	36	<.01	<5	1	<3	1,000	<5	<50	<.010
414613087565601	03-10-87	<5	17	<.05	<5	<1	5	2,000	<5	<50	<.010
414618087563601	03-10-87	<5	39	<.05	<5	<1	<3	1,800	<5	<50	<.010
414622088013601	07-12-85	<5	14	.09	<5	<1	<3	380	<5	<50	<.010
414633088080501	03-08-85	<5	7	<.10	<5	2	<3	120	<5	<50	<.010
	12-11-86	<5	22	<.05	<5	1	<3	120	<5	<50	<.010
	05-12-87	<5	16	<.05	7	<1	<3	150	<5	<50	<.010
414636088080401	07-31-85	<5	30	<.01	<5	<1	<3	180	<5	<50	<.010
414642088045601	09-20-85	<5	22	<.01	<5	<1	<3	170	<5	<50	<.010
414642088045601	09-20-85	<5	23	.04	<5	<1	<3	170	<5	<50	<.010
414657088090401	07-31-85	<5	31	<.01	<5	<1	<3	220	<5	<50	<.010
414658088035301	09-20-85	<5	150	.02	7	<1	<3	240	<5	<50	<.010
414701087570101	12-10-85	<5	18	<.01	<5	<1	<3	1,500	<5	<50	<.010
414708088132901	07-31-85	<5	7	.06	<5	1	<3	920	<5	<50	<.010
414720087570401	09-10-85	<5	27	<.01	<5	<1	<3	1,800	<5	<50	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Cook County--Continued						
413002087335501	04-29-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413024087325101	04-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413043087391201	03-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413412087473801	11-20-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413930087595801	11-12-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413938087451001	11-20-85	<5	1.7	<1.0	<1.0	<1.0	<1.0	2.8	<1.0	--
414614087534901	03-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414619087533701	07-09-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414829087534601	08-16-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414841087531901	10-11-85	--	--	--	--	--	--	--	--	--
414843087530901	10-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415930088110601	06-12-85	<5	--	--	--	--	--	--	--	--
415930088110602	03-01-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415940088043501	08-23-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420008087550001	07-22-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420012088071001	08-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420106088063301	08-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420120088052801	08-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420131088024401	08-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420235088022501	08-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420242088044001	09-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420245088041501	09-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420323088024301	08-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420535088023901	08-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420538088023901	08-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	08-14-85	<5	--	--	--	--	--	--	--	--
420538088024301	08-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420754087552001	04-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420906088081301	07-22-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-22-85	<5	--	--	--	--	--	--	--	--
420908088081001	07-22-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

					De Kalb County					
414606088383701	09-24-86	<5	--	--	--	--	--	--	--	--
					Douglas County					
394748088164001	03-05-87	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Du Page County					
414322087565801	10-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414325087570601	10-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-23-85	<5	--	--	--	--	--	--	--	--
414425087574701	10-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414431087580501	10-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414451088080701	07-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414453087582501	09-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414500087581601	09-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414500087582501	09-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	09-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414530088013701	07-12-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414557088003101	07-12-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414600088101801	07-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414601088101801	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414603087564701	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414608088112001	07-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414613087565601	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414618087563601	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414622088013601	07-12-85	<5	--	--	--	--	<1.0	--	--	--
414633088080501	03-08-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414636088080401	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414642088045601	09-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414642088045601	09-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414657088090401	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414658088035301	09-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414701087570101	12-10-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414708088132901	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414720087570401	09-10-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Cook County--Continued						
413002087335501	04-29-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413024087325101	04-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413043087391201	03-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413412087473801	11-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413930087595801	11-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413938087451001	11-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414614087534901	03-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414619087533701	07-09-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414829087534601	08-16-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414841087531901	10-11-85	--	--	--	--	--	--	--	--	--
414843087530901	10-11-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415930088110601	06-12-85	--	--	--	--	--	--	--	--	--
415930088110602	03-01-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415940088043501	08-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420008087550001	07-22-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420012088071001	08-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420106088063301	08-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420120088052801	08-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420131088024401	08-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420235088022501	08-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420242088044001	09-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420245088041501	09-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420323088024301	08-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420535088023901	08-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420538088023901	08-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-14-85	--	--	--	--	--	--	--	--	--
420538088024301	08-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420754087552001	04-11-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420906088081301	07-22-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-22-85	--	--	--	--	--	--	--	--	--
420908088081001	07-22-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

					De Kalb County					
414606088383701	09-24-86	--	--	--	--	--	--	--	--	--
					Douglas County					
394748088164001	03-05-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Du Page County					
414322087565801	10-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414325087570601	10-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-23-85	--	--	--	--	--	--	--	--	--
414425087574701	10-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414431087580501	10-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414451088080701	07-30-85	<1.0	<1.0	<1.0	<1.0	16	<1.0	<1.0	<1.0	<1.0
414453087582501	09-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414500087581601	09-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414500087582501	09-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-27-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
414530088013701	07-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414557088003101	07-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414600088101801	07-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414601088101801	07-31-85	<1.0	<1.0	<1.0	<1.0	13	<1.0	<1.0	<1.0	<1.0
414603087564701	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414608088112001	07-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414613087565601	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414618087563601	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414622088013601	07-12-85	--	--	--	--	--	--	--	--	--
414633088080501	03-08-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414636088080401	07-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414642088045601	09-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414642088045601	09-20-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
414657088090401	07-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414658088035301	09-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414701087570101	12-10-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414708088132901	07-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414720087570401	09-10-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Du Page County--Continued			
414725088001301	07-12-85	1425	Downers Grove Well No. 7	17002	17002	50.00
414727088040501	09-20-85	1025	Lisle Oakview Well No. 1	17002	17002	114.00
414731087581301	09-17-85	1125	Westmont Well No. 6	17002	17002	--
414736088013901	07-10-85	1310	Downers Grove Well No. 6	17002	17002	79.00
	12-11-86	1235	Downers Grove Well No. 6	81700	81700	--
	05-12-87	1520	Downers Grove Well No. 6	81700	17002	63.00
414740087565001	09-10-85	1015	Clarendon Hills Well No. 4	17002	17002	110.00
414743088003401	07-10-85	1445	Downers Grove Well No. 8	17002	17002	--
414756088092801	07-30-85	1515	Naperville Well No. 10	17002	17002	172.00
414801087562901	09-03-85	1200	Hinsdale Well No. 7	17002	17002	118.00
414802087561501	09-04-85	1330	Hinsdale Well No. 6	17002	17002	--
414803087583201	09-17-85	1005	Westmont Well No. 2	17002	17002	136.00
	10-02-85	0955	Westmont Well No. 2	17002	17002	135.00
414809087561001	09-04-85	1150	Hinsdale Well No. 5	17002	17002	124.00
414816087552801	09-04-85	1500	Hinsdale Well No. 2	17002	17002	134.00
414824087582401	09-17-85	1245	Westmont Well No. 9	17002	17002	132.00
	10-02-85	1135	Westmont Well No. 9	17002	17002	--
414826087560601	09-03-85	1030	Hinsdale Well No. 4	17002	17002	126.00
414837087581601	09-17-85	1400	Westmont Well No. 7	17002	17002	149.00
	10-02-85	1050	Westmont Well No. 7	17002	17002	151.00
414843087585101	12-12-85	1550	Liberty Park Homeowners Association Well No. 3	17002	17002	--
414843087585501	12-10-85	1610	Liberty Park Homeowners Association Well No. 2	17002	17002	--
414908087553301	09-03-85	1400	Hinsdale Well No. 10	17002	17002	63.00
414910087552001	09-03-85	1245	Hinsdale Well No. 9	17002	17002	--
414921087550901	09-04-85	1020	Hinsdale Well No. 8	17002	17002	48.00
414935088012501	07-10-85	1130	Downers Grove Well No. 12	17002	17002	96.00
414938088035501	07-01-85	1300	Citizens Valley View Subdivision Well No. 3	17002	17002	52.00
414949088075501	07-01-85	1005	Citizens Arrowhead Subdivision Well No. 2	17002	17002	100.00
415000088020201	07-01-85	1135	Citizens Valley View Subdivision Well No. 4	17002	17002	102.00
415034088075501	12-17-85	1050	Citizens Arrowhead Subdivision Well No. 1	17002	17002	--

415040088024001	12-17-85	1245	Citizens Valley View Subdivision Well NO. 6	17002	17002	16.00
415041087584201	11-13-85	1500	Oak Brook Well No. 3	17002	17002	--
415049088053401	07-24-85	1320	Wheaton Well No. 7	17002	17002	127.00
415057088052901	07-24-85	1450	Wheaton Well No. 10	17002	17002	--
415119087565701	12-13-85	1110	Elmhurst Well No. 8	17002	17002	--
	12-13-85	1115	Elmhurst Well No. 8	17002	17002	--
415123088043801	07-18-85	1340	Glen Ellyn Well No. 6	17002	17002	178.00
415126088093301	08-13-85	1405	Winfield Well No. 4	17002	17002	19.00
415130088004101	07-08-85	1420	Highland Hills Sanitary District Well No. 1	17002	17002	60.00
415130088004102	07-09-85	1210	Highland Hills Sanitary District Well No. 2	17002	17002	44.00
415131087595601	11-06-85	1310	York Center Co-op Well No. 1	17002	17002	--
415139088042901	07-17-85	1405	Glen Ellyn Well No. 5	17002	17002	177.00
415141088043001	07-18-85	1515	Glen Ellyn Well No. 4	17002	17002	--
415149088061701	03-08-85	0905	Wheaton Well No. 2	81700	17002	121.20
	12-11-86	1120	Wheaton Well No. 2	81700	17002	122.30
	05-12-87	1110	Wheaton Well No. 2	81700	17002	39.00
415150088061801	07-24-85	0945	Wheaton Well No. 3	17002	17002	--
415222088081301	09-05-85	1030	Liberty Ridge Estates Well No. 1	17002	17002	76.00
415241088040201	07-17-85	1155	Glen Ellyn Well No. 3	17002	17002	275.00
415247088041401	07-17-85	1025	Glen Ellyn Well No. 2	17002	17002	141.00
415259087584101	11-13-85	1330	Villa Park Well No. 4	17002	17002	--
415300088054601	07-24-85	1125	Wheaton Well No. 4	17002	17002	--
415325088030501	07-23-85	1115	Glen Ellyn Heights Subdivision Well No. 2	17002	17002	52.00
415344088045101	06-26-85	1025	Glendale Heights Well No. 10	17002	17002	60.00
415409088001701	07-25-85	1430	Citizens Lombard Heights Well No. 1	17002	17002	46.00
415410088034301	07-23-85	0940	Glen Ellyn Heights Subdivision Well No. 1	17002	17002	80.00
415422088054701	06-26-85	0905	Glendale Heights Well No. 4	17002	17002	218.00
415423088064001	06-25-85	1105	Carol Stream Well No. 2	17002	17002	122.00
415446088080201	06-28-85	0930	Carol Stream Well No. 1	17002	17002	273.00
	06-28-85	0935	Carol Stream Well No. 1	17002	17002	273.00
415457088045001	06-26-85	1200	Glendale Heights Well No. 3	17002	17002	180.00
415503088040001	06-26-85	1450	Glendale Heights Well No. 5	17002	17002	209.00
415509088063101	06-25-85	0935	Carol Stream Well No. 3	17002	17002	212.00
415514088034601	06-25-85	1400	Glendale Heights Well No. 8	17002	17002	125.00
415533088043401	06-25-85	1525	Glendale Heights Well No. 7	17002	17002	--
415551087554801	07-11-85	1045	Citizens Country Club Highlands Well No. 1	17002	17002	158.00
415551087590901	07-29-85	1035	Addison Well No. 1	17002	17002	66.00
415553088054801	06-26-85	1330	Glendale Heights Well No. 9	17002	17002	--
415710088021501	10-31-85	1405	Nordic Park Water and Sewer Company Well No. 1	17002	17002	--
415712088020001	07-02-85	1050	Nordic Park Water and Sewer Company Well No. 2	17002	17002	90.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Du Page County--Continued							
414725088001301	07-12-85	120	850	1,220	7.00	-48	12.5	130	62	38	4.6
414727088040501	09-20-85	265	400	1,250	7.10	-54	11.5	120	57	72	5.1
414731087581301	09-17-85	175	750	1,050	7.20	-98	12.0	140	47	24	3.4
414736088013901	07-10-85	370	1,090	1,200	6.90	307	12.0	120	58	54	5.1
	12-11-86	--	933	--	--	--	--	120	61	62	5.1
	05-12-87	350	1,050	1,290	7.00	97	11.0	130	61	65	5.3
414740087565001	09-10-85	68	--	1,210	6.90	71	12.5	170	55	29	4.1
414743088003401	07-10-85	135	850	1,320	6.60	308	13.0	130	63	56	5.9
414756088092801	07-30-85	495	690	910	7.00	57	11.5	91	50	31	3.7
414801087562901	09-03-85	180	880	1,300	6.97	-1	12.5	190	59	27	4.2
414802087561501	09-04-85	450	835	1,240	7.90	13	16.0	180	57	35	4.2
414803087583201	09-17-85	125	600	1,070	7.10	-19	12.5	150	51	19	3.3
	10-02-85	155	600	1,130	7.00	11	12.0	--	--	--	--
414809087561001	09-04-85	350	--	1,220	6.30	-32	16.0	160	65	40	4.0
414816087552801	09-04-85	540	750	1,420	6.90	-45	15.5	180	68	58	5.7
414824087582401	09-17-85	225	700	1,140	7.10	-91	11.0	150	62	17	3.2
	10-02-85	--	--	--	--	--	--	--	--	--	--
414826087560601	09-03-85	4,050	450	1,350	7.00	-43	15.0	160	70	64	6.0
414837087581601	09-17-85	120	650	1,130	7.00	-102	11.5	150	69	14	3.0
	10-02-85	80	680	1,070	7.10	-78	11.5	--	--	--	--
414843087585101	12-12-85	7	E150	--	--	--	--	140	68	14	2.9
414843087585501	12-10-85	370	300	1,060	7.10	-65	12.0	140	69	14	3.3
414908087553301	09-03-85	60	1,170	1,680	7.00	-76	15.5	190	74	110	6.9
414910087552001	09-03-85	1,100	--	--	--	--	--	170	72	120	6.9
414921087550901	09-04-85	260	1,250	1,660	6.80	-78	15.5	180	85	95	5.1
414935088012501	07-10-85	630	1,350	1,120	6.90	-89	12.0	120	55	38	3.0
414938088035501	07-01-85	105	495	1,190	7.10	-67	12.5	79	43	9.6	1.3
414949088075501	07-01-85	95	520	840	7.20	-128	11.5	89	45	23	1.5
415000088020201	07-01-85	95	550	1,380	7.00	-78	13.0	190	120	19	3.1
415034088075501	12-17-85	80	680	--	7.10	-95	11.5	120	65	62	4.6

415040088024001	12-17-85	25	850	--	7.00	-81	11.5	180	80	62	5.4
415041087584201	11-13-85	15	--	--	--	--	--	110	50	16	2.4
415049088053401	07-24-85	200	1,000	910	7.20	-73	11.0	88	47	40	4.2
415057088052901	07-24-85	170	950	1,170	6.80	-91	11.0	130	64	41	3.4
415119087565701	12-13-85	70	700	1,360	7.10	-123	12.0	150	60	62	4.9
	12-13-85	75	700	1,360	7.10	-123	12.0	150	60	61	5.0
415123088043801	07-18-85	160	1,600	930	7.30	-96	12.5	98	50	34	2.7
415126088093301	08-13-85	95	E700	960	7.70	24	14.0	100	62	22	3.4
415130088004101	07-08-85	50	330	1,270	7.00	-88	13.0	150	66	30	3.4
415130088004102	07-09-85	40	175	1,300	7.00	-82	13.0	150	68	36	3.2
415131087595601	11-06-85	9	90	--	--	--	--	130	59	25	2.9
415139088042901	07-17-85	365	1,340	1,030	7.20	-95	13.5	89	46	71	5.3
415141088043001	07-18-85	90	1,300	975	7.10	-49	12.0	100	51	33	2.6
415149088061701	03-08-85	95	1,000	1,080	7.10	-116	12.0	110	63	36	3.8
	12-11-86	1,440	900	--	--	--	--	120	63	42	3.4
	05-12-87	130	1,050	1,130	7.00	-70	12.5	120	64	42	2.9
415150088061801	07-24-85	105	1,490	1,220	6.90	-77	11.5	130	66	43	4.7
415222088081301	09-05-85	60	320	1,110	6.00	-82	15.0	140	72	22	2.8
415241088040201	07-17-85	475	290	1,320	7.00	-50	12.5	140	75	46	4.5
415247088041401	07-17-85	385	525	1,560	6.90	-75	14.0	150	76	77	5.0
415259087584101	11-13-85	45	E150	--	--	--	--	140	61	21	4.2
415300088054601	07-24-85	205	500	1,060	6.90	-52	11.5	110	58	31	2.6
415325088030501	07-23-85	105	240	1,580	7.00	262	14.0	150	76	71	3.3
415344088045101	06-26-85	565	500	1,270	7.10	-91	11.5	120	57	66	2.9
415409088001701	07-25-85	45	375	1,360	6.80	-94	12.0	170	77	29	3.2
415410088034301	07-23-85	160	170	1,320	7.30	-94	12.0	39	21	240	12
415422088054701	06-26-85	305	410	880	7.20	-39	13.0	87	42	34	4.9
415423088064001	06-25-85	245	480	790	7.40	-120	12.0	84	46	23	2.3
415446088080201	06-28-85	100	420	815	7.30	-147	12.5	89	45	22	1.9
	06-28-85	105	420	815	7.30	-147	12.5	130	65	44	3.0
415457088045001	06-26-85	2,791	290	640	7.30	-135	12.5	85	37	39	2.1
415503088040001	06-26-85	93	365	1,050	7.60	-132	12.5	29	17	190	8.0
415509088063101	06-25-85	>1,440	890	840	7.20	-71	12.5	82	44	33	4.8
415514088034601	06-25-85	>1,440	290	810	7.40	-148	12.5	84	40	29	1.9
415533088043401	06-25-85	>1,440	95	650	7.60	-140	12.5	60	31	32	1.8
415551087554801	07-11-85	105	200	1,020	7.00	-33	12.0	93	59	45	3.7
415551087590901	07-29-85	80	560	1,290	7.00	-88	14.0	150	66	40	3.8
415553088054801	06-26-85	151	295	1,080	7.80	-141	12.0	32	18	170	5.6
415710088021501	10-31-85	--	--	--	--	--	--	120	66	21	2.7
415712088020001	07-02-85	110	95	1,320	6.90	-83	11.5	150	77	32	2.7

E Estimated.

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				Du Page County--Continued							
414725088001301	07-12-85	350	340	210	97	0.2	12	882	<0.100	0.240	0.010
414727088040501	09-20-85	313	302	230	140	.1	11	942	<.100	.130	.010
414731087581301	09-17-85	360	347	210	44	.4	18	840	.100	.800	.010
414736088013901	07-10-85	347	339	140	130	.2	11	870	1.30	<.100	.010
	12-11-86	--	354	160	140	.5	--	836	.450	<.100	<.010
	05-12-87	--	338	170	210	.2	11	872	.580	<.100	<.010
414740087565001	09-10-85	375	368	270	65	.3	13	985	.110	.240	<.010
414743088003401	07-10-85	371	362	180	130	.1	12	962	.350	<.100	.010
414756088092801	07-30-85	320	322	100	58	.2	15	801	2.20	.160	<.010
414801087562901	09-03-85	335	380	340	45	.3	13	1,070	<.100	1.00	.010
414802087561501	09-04-85	375	366	310	56	.3	14	1,000	<.100	.440	.010
414803087583201	09-17-85	365	357	240	28	.3	16	827	.170	.420	<.010
	10-02-85	--	--	--	--	--	--	--	--	--	--
414809087561001	09-04-85	321	363	300	70	.3	15	989	<.100	.680	.010
414816087552801	09-04-85	386	378	350	98	.2	15	1,240	<.100	.860	.060
414824087582401	09-17-85	378	363	280	34	.2	17	954	.140	.440	<.010
	10-02-85	--	--	--	--	--	--	--	--	--	--
414826087560601	09-03-85	368	354	310	100	.2	16	1,070	<.100	.750	.040
414837087581601	09-17-85	378	363	270	33	.2	17	965	.100	.270	<.010
	10-02-85	--	--	--	--	--	--	--	--	--	--
414843087585101	12-12-85	--	384	240	47	.2	17	780	.100	.470	.010
414843087585501	12-10-85	--	359	230	47	.2	18	744	<.100	.320	.010
414908087553301	09-03-85	382	325	390	170	.3	13	1,370	<.100	1.10	.200
414910087552001	09-03-85	--	370	340	190	.3	12	1,360	<.100	.730	.210
414921087550901	09-04-85	421	405	350	170	.2	13	1,320	<.100	.610	.160
414935088012501	07-10-85	336	322	180	86	.2	14	831	<.100	.550	.020
414938088035501	07-01-85	355	325	68	4.9	.3	16	458	<.100	.210	.230
414949088075501	07-01-85	350	283	140	24	.4	17	552	<.100	.420	.010
415000088020201	07-01-85	389	401	600	22	.2	13	1,440	<.100	.140	.020
415034088075501	12-17-85	377	377	200	120	.3	18	869	<.100	.510	.010

415040088024001	12-17-85	376	379	420	120	.1	14	1,150	<.100	.330	.010
415041087584201	11-13-85	--	330	180	44	.2	17	676	<.100	.470	.040
415049088053401	07-24-85	312	309	170	37	.5	15	816	<.100	.410	.010
415057088052901	07-24-85	346	331	240	75	.3	18	1,040	<.100	.410	.010
415119087565701	12-13-85	370	370	200	140	.2	20	878	.110	.600	.010
	12-13-85	366	375	210	140	.2	18	900	<.100	.590	.010
415123088043801	07-18-85	305	300	190	42	.4	18	987	<.100	.410	.010
415126088093301	08-13-85	349	339	180	40	.4	18	751	<.100	.220	.020
415130088004101	07-08-85	387	373	240	77	.3	19	954	<.100	.540	<.010
415130088004102	07-09-85	387	371	250	95	.3	18	956	<.100	.480	<.010
415131087595601	11-06-85	--	376	190	43	.2	17	758	<.100	.270	<.010
415139088042901	07-17-85	337	328	190	49	.8	11	756	<.100	.520	.010
415141088043001	07-18-85	317	309	180	44	.8	18	954	<.100	.420	.010
415149088061701	03-08-85	336	328	200	66	.3	19	739	<.100	.530	.010
	12-11-86	--	345	220	72	.4	--	850	<.100	.550	.010
	05-12-87	--	332	220	74	.4	18	815	<.100	.410	.010
415150088061801	07-24-85	345	322	250	80	.4	17	1,070	<.100	.470	<.010
415222088081301	09-05-85	364	359	270	54	.2	20	978	<.100	.240	.150
415241088040201	07-17-85	382	376	300	79	.3	16	1,090	<.100	.470	<.010
415247088041401	07-17-85	400	390	320	130	.3	14	1,250	<.100	.390	<.010
415259087584101	11-13-85	--	349	250	22	.3	14	725	<.100	.170	.010
415300088054601	07-24-85	345	333	190	57	.3	17	943	<.100	.500	.010
415325088030501	07-23-85	328	311	330	140	.2	16	1,260	<.100	.320	.010
415344088045101	06-26-85	352	343	190	120	.3	16	1,200	<.100	.600	<.010
415409088001701	07-25-85	400	390	330	53	.3	20	1,300	<.100	.410	.020
415410088034301	07-23-85	360	358	230	81	1.1	9.2	1,090	<.100	.910	.010
415422088054701	06-26-85	297	295	160	31	.5	12	895	<.100	.540	<.010
415423088064001	06-25-85	303	297	58	14	.5	16	790	<.100	.500	.020
415446088080201	06-28-85	294	284	140	24	.4	17	567	<.100	.420	<.010
	06-28-85	294	322	280	58	.4	--	903	<.100	.560	<.010
415457088045001	06-26-85	268	271	170	27	.5	19	837	<.100	.630	<.010
415503088040001	06-26-85	347	342	160	43	1.2	11	910	<.100	.450	<.010
415509088063101	06-25-85	295	297	150	24	.5	10	830	<.100	.370	<.010
415514088034601	06-25-85	289	283	150	22	.4	19	754	<.100	.450	<.010
415533088043401	06-25-85	254	249	120	3.9	.5	16	586	<.100	.560	<.010
415551087554801	07-11-85	318	314	240	30	.4	--	703	<.100	.620	<.010
415551087590901	07-29-85	368	358	300	62	.3	17	1,270	<.100	.580	.030
415553088054801	06-26-85	358	356	160	22	1.7	7.8	835	<.100	.320	<.010
415710088021501	10-31-85	--	309	260	14	.3	19	737	<.100	.440	<.010
415712088020001	07-02-85	--	323	390	44	.3	20	1,090	<.100	.450	.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Du Page County--Continued							
414725088001301	07-12-85	<50	2	80	<0.5	110	<3	<5	<5	<5	780
414727088040501	09-20-85	<50	<1	80	<.5	90	<3	<5	<5	<5	250
414731087581301	09-17-85	<50	2	30	<.5	240	<3	<5	<5	<5	1,700
414736088013901	07-10-85	<50	<1	60	<.5	90	<3	<5	<5	<5	<50
	12-11-86	60	<1	70	<.5	100	<3	<5	8	<5	<50
	05-12-87	60	<1	70	<.5	90	<3	<5	7	<5	<50
414740087565001	09-10-85	--	<1	20	<.5	230	<3	<5	9	<5	<50
414743088003401	07-10-85	<50	<1	80	<.5	110	<3	<5	<5	<5	<50
414756088092801	07-30-85	<50	<1	70	<.5	110	<3	<5	<5	6	190
414801087562901	09-03-85	<50	<1	20	<1.0	280	<3	<5	<5	10	710
414802087561501	09-04-85	<50	<1	20	<1.0	240	<3	<5	<5	<5	520
414803087583201	09-17-85	<50	<1	20	<.5	220	<3	<5	<5	8	200
	10-02-85	--	--	--	--	--	--	--	--	--	--
414809087561001	09-04-85	<50	1	30	<1.0	200	<3	<5	<5	<5	1,500
414816087552801	09-04-85	<50	2	30	<1.0	230	<3	<5	<5	<5	1,800
414824087582401	09-17-85	<50	1	30	<1.0	150	<3	<5	<5	<5	1,600
	10-02-85	--	--	--	--	--	--	--	--	--	--
414826087560601	09-03-85	<50	1	30	<.5	180	<3	<5	<5	<5	2,000
414837087581601	09-17-85	<50	2	30	<.5	110	<3	<5	<5	<5	2,000
	10-02-85	--	--	--	--	--	--	--	--	--	--
414843087585101	12-12-85	<50	2	30	<.5	120	<3	<5	<5	<5	1,800
414843087585501	12-10-85	<50	1	30	<.5	110	<3	<5	<5	<5	1,300
414908087553301	09-03-85	<50	2	50	<1.0	240	<3	<5	<5	<5	2,600
414910087552001	09-03-85	<50	1	60	<1.0	230	<3	<5	<5	<5	2,100
414921087550901	09-04-85	<50	2	70	<1.0	170	<3	<5	<5	<5	3,000
414935088012501	07-10-85	<50	4	60	<.5	130	<3	<5	<5	<5	1,500
414938088035501	07-01-85	<50	5	100	<.5	70	<3	<5	<5	<5	1,500
414949088075501	07-01-85	<50	3	40	<.5	160	<3	<5	<5	<5	1,700
415000088020201	07-01-85	120	17	30	<.5	80	<3	<5	<5	<5	5,000
415034088075501	12-17-85	<50	1	100	<.5	200	<3	<5	<5	<5	2,300

415040088024001	12-17-85	<50	2	100	<1.0	150	<3	<5	<5	<5	1,600
415041087584201	11-13-85	<50	3	80	<.5	130	<3	<5	<5	13	1,900
415049088053401	07-24-85	<50	<1	30	<.5	400	<3	<5	<5	<5	490
415057088052901	07-24-85	<50	1	60	<.5	210	<3	<5	<5	<5	1,600
415119087565701	12-13-85	<50	4	80	<.5	140	<3	<5	<5	<5	2,400
	12-13-85	<50	4	80	<.5	140	<3	<5	<5	<5	2,400
415123088043801	07-18-85	<50	1	60	<.5	290	<3	<5	<5	<5	950
415126088093301	08-13-85	<50	<1	60	<1.0	240	<3	<5	<5	<5	560
415130088004101	07-08-85	<50	<2	60	<.5	160	<3	<5	<5	<5	2,000
415130088004102	07-09-85	<50	2	50	<.5	140	<3	<5	<5	<5	1,900
415131087595601	11-06-85	<50	<1	90	<.5	130	<3	<5	<5	<5	2,100
415139088042901	07-17-85	<50	<1	60	<.5	540	<3	<5	<5	<5	720
415141088043001	07-18-85	<50	2	90	<.5	260	<3	<5	<5	<5	960
415149088061701	03-08-85	<50	<1	70	<.5	290	<3	<5	<5	<5	1,100
	12-11-86	70	<1	50	<.5	310	<3	<5	8	<5	1,100
	05-12-87	60	1	60	<.5	290	<3	<5	7	<5	1,300
415150088061801	07-24-85	<50	<1	40	<.5	280	<3	<5	<5	<5	1,200
415222088081301	09-05-85	<50	<1	70	<.5	100	<3	<5	<5	<5	3,300
415241088040201	07-17-85	<50	4	60	<.5	290	<3	<5	<5	<5	1,400
415247088041401	07-17-85	<50	1	60	<.5	300	<3	<5	<5	6	1,900
415259087584101	11-13-85	<50	1	60	<.5	160	<3	<5	<5	<5	900
415300088054601	07-24-85	<50	2	70	<.5	200	<3	<5	<5	<5	1,400
415325088030501	07-23-85	<50	<1	70	<.5	140	<3	<5	<5	17	1,900
415344088045101	06-26-85	<50	2	60	<.5	220	<3	<5	<5	<5	1,300
415409088001701	07-25-85	--	5	50	<.5	150	<3	<5	<5	<5	3,400
415410088034301	07-23-85	<50	<1	20	<.5	1,500	<3	<5	<5	<5	170
415422088054701	06-26-85	<50	<1	10	<.5	440	<3	<5	<5	<5	120
415423088064001	06-25-85	<50	4	30	<.5	270	<3	<5	<5	<5	590
415446088080201	06-28-85	<50	1	50	<.5	210	<3	<5	<5	<5	1,700
	06-28-85	<50	1	30	<.5	310	<3	<5	<5	7	1,300
415457088045001	06-26-85	<50	5	40	<.5	350	<3	<5	<5	<5	840
415503088040001	06-26-85	<50	<1	<5	<.5	1,100	<3	<5	<5	<5	120
415509088063101	06-25-85	<50	<1	8	<.5	430	<3	<5	<5	<5	250
415514088034601	06-25-85	<50	3	30	<.5	270	<3	<5	<5	<5	1,100
415533088043401	06-25-85	<50	5	30	<.5	350	<3	<5	<5	<5	620
415551087554801	07-11-85	<50	<1	20	<.5	610	<3	<5	<5	<5	470
415551087590901	07-29-85	<50	<1	30	<.5	230	<3	<5	<5	<5	2,200
415553088054801	06-26-85	<50	<1	<5	<.5	1,200	<3	<5	<5	<5	130
415710088021501	10-31-85	<50	<1	50	<.5	240	<3	<5	<5	<5	4,000
415712088020001	07-02-85	<50	3	30	<.5	220	<3	<5	<5	70	2,600

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Du Page County--Continued							
414725088001301	07-12-85	<5	27	<0.01	<5	<1	<3	660	<5	<50	<0.010
414727088040501	09-20-85	<5	81	<.01	5	<1	<3	180	<5	<50	<.010
414731087581301	09-17-85	<5	13	<.01	<5	<1	<3	1,400	<5	<50	<.010
414736088013901	07-10-85	<5	<5	<.01	<5	<1	<3	200	<5	<50	<.010
	12-11-86	<5	<5	<.05	<5	<1	<3	240	<5	<50	<.010
	05-12-87	<5	<5	<.05	<5	<1	<3	250	<5	<50	<.010
414740087565001	09-10-85	<5	98	<.01	21	<1	<3	1,700	<5	<50	<.010
414743088003401	07-10-85	<5	<5	<.01	<5	1	<3	290	<5	<50	<.010
414756088092801	07-30-85	<5	12	<.01	41	<1	<3	200	<5	<100	<.010
414801087562901	09-03-85	<5	78	<.01	9	<1	<3	1,800	<5	<50	<.010
414802087561501	09-04-85	<5	53	<.01	<5	<1	<3	1,600	<5	<50	<.010
414803087583201	09-17-85	<5	36	<.01	11	<1	<3	1,200	<5	<100	<.010
	10-02-85	--	--	--	--	--	--	--	--	--	--
414809087561001	09-04-85	<5	29	<.01	<5	<1	<3	1,100	<5	<50	<.010
414816087552801	09-04-85	<5	46	.01	<5	<1	<3	1,300	<5	<100	<.010
414824087582401	09-17-85	<5	30	<.01	<5	<1	<3	890	<5	<50	<.010
	10-02-85	--	--	--	--	--	--	--	--	--	--
414826087560601	09-03-85	<5	35	<.01	<5	<1	<3	730	<5	<50	<.010
414837087581601	09-17-85	<5	25	<.01	<5	<1	<3	730	<5	<50	<.010
	10-02-85	--	--	--	--	--	--	--	--	--	--
414843087585101	12-12-85	<5	23	<.01	<5	<1	<3	630	<5	<50	<.010
414843087585501	12-10-85	<5	24	<.01	<5	<1	3	630	5	<50	<.010
414908087553301	09-03-85	<5	170	<.01	<5	<1	<3	790	<5	<50	<.010
414910087552001	09-03-85	<5	150	<.01	<5	<1	<3	700	<5	<50	<.010
414921087550901	09-04-85	<5	160	<.01	<5	<1	<3	650	<5	<50	<.010
414935088012501	07-10-85	<5	21	<.01	<5	<1	<3	700	<5	<50	<.010
414938088035501	07-01-85	<5	15	<.01	<5	<1	<3	260	<5	<50	<.010
414949088075501	07-01-85	<5	21	<.01	<5	<1	<3	740	<5	<50	<.010
415000088020201	07-01-85	<5	51	<.01	<5	<1	<3	440	<5	<50	<.010
415034088075501	12-17-85	<5	27	<.01	<5	<1	<3	390	<5	<50	<.010

415040088024001	12-17-85	<5	48	<.01	<5	<1	<3	560	<5	<50	<.010
415041087584201	11-13-85	<5	48	<.01	<5	<1	<3	590	<5	<100	<.010
415049088053401	07-24-85	<5	6	<.01	<5	<1	<3	810	<5	<50	<.010
415057088052901	07-24-85	<5	20	<.01	<5	<1	<3	840	<5	<50	<.010
415119087565701	12-13-85	<5	48	<.01	<5	<1	<3	710	<5	<50	<.010
	12-13-85	<5	48	<.01	<5	<1	<3	710	<5	<50	<.010
415123088043801	07-18-85	<5	10	<.01	<5	1	<3	970	<5	<50	.070
415126088093301	08-13-85	<5	12	<.01	<5	<1	<3	710	<5	<50	<.010
415130088004101	07-08-85	<5	23	<.01	<5	<1	<3	1,000	<5	<50	<.010
415130088004102	07-09-85	<5	19	<.01	<5	1	<3	960	<5	<50	<.010
415131087595601	11-06-85	<5	35	.05	<5	<1	<3	680	<5	<50	<.010
415139088042901	07-17-85	<5	10	<.01	<5	<1	<3	1,000	<5	<50	<.010
415141088043001	07-18-85	<5	12	<.01	<5	<1	<3	1,000	<5	<50	<.010
415149088061701	03-08-85	<5	10	<.10	<5	<1	<3	1,300	<5	<50	<.010
	12-11-86	<5	12	<.05	<5	<1	<3	1,100	5	<50	<.010
	05-12-87	<5	15	<.05	<5	<1	<3	1,200	<5	<50	<.010
415150088061801	07-24-85	<5	15	<.01	<5	<1	<3	1,100	<5	<50	<.010
415222088081301	09-05-85	<5	52	<.01	<5	1	<3	470	<5	<50	<.010
415241088040201	07-17-85	<5	28	<.01	<5	<1	<3	1,200	<5	<50	.050
415247088041401	07-17-85	<5	66	<.01	<5	<1	<3	670	<5	180	.040
415259087584101	11-13-85	<5	49	<.01	<5	<1	<3	1,100	<5	<50	<.010
415300088054601	07-24-85	<5	28	<.01	<5	<1	<3	890	<5	<50	<.010
415325088030501	07-23-85	<5	24	<.01	<5	<1	<3	630	<5	340	<.010
415344088045101	06-26-85	<5	13	<.01	<5	<1	<3	1,000	<5	<50	<.010
415409088001701	07-25-85	<5	51	<.01	<5	<1	<3	750	<5	<50	<.010
415410088034301	07-23-85	<5	<5	<.01	<5	<1	<3	1,200	<5	<100	<.010
415422088054701	06-26-85	<5	<5	<.01	<5	1	<3	1,100	<5	<50	.070
415423088064001	06-25-85	<5	8	<.01	<5	<1	<3	1,200	<5	<100	<.010
415446088080201	06-28-85	<5	21	<.01	<5	<1	<3	810	<5	<50	<.010
	06-28-85	<5	8	<.01	<5	1	<3	1,800	<5	<50	<.010
415457088045001	06-26-85	<5	6	<.01	<5	<1	<3	1,400	<5	<50	<.010
415503088040001	06-26-85	<5	<5	<.01	<5	<1	<3	560	<5	<50	<.010
415509088063101	06-25-85	<5	<5	<.01	<5	<1	<3	1,000	<5	<50	<.010
415514088034601	06-25-85	<5	7	<.01	<5	1	<3	1,200	<5	<50	.090
415533088043401	06-25-85	<5	<5	<.01	<5	1	<3	1,200	<5	<50	<.010
415551087554801	07-11-85	<5	6	<.01	<5	1	<3	2,800	<5	<50	.070
415551087590901	07-29-85	<5	63	<.01	<5	<1	<3	1,300	<5	<50	.040
415553088054801	06-26-85	<5	<5	<.01	<5	<1	<3	500	<5	<50	<.010
415710088021501	10-31-85	<5	29	<.01	<5	<1	<3	1,300	<5	<100	<.010
415712088020001	07-02-85	17	19	<.01	<5	<1	<3	1,300	<5	780	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Du Page County--Continued						
414725088001301	07-12-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414727088040501	09-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414731087581301	09-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414736088013901	07-10-85	<5	<1.0	<1.0	<1.0	<1.0	4.3	<1.0	<1.0	--
	12-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414740087565001	09-10-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414743088003401	07-10-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414756088092801	07-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414801087562901	09-03-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414802087561501	09-04-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414803087583201	09-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-02-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414809087561001	09-04-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414816087552801	09-04-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414824087582401	09-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-02-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414826087560601	09-03-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414837087581601	09-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	10-02-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414843087585101	12-12-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414843087585501	12-10-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414908087553301	09-03-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414910087552001	09-03-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414921087550901	09-04-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414935088012501	07-10-85	<5	--	--	--	--	--	--	--	--
414938088035501	07-01-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414949088075501	07-01-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415000088020201	07-01-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415034088075501	12-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

415040088024001	12-17-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415041087584201	11-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415049088053401	07-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415057088052901	07-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415119087565701	12-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-13-85	<5	--	--	--	--	--	--	--	--
415123088043801	07-18-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415126088093301	08-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415130088004101	07-08-85	<5	<1.0	<1.0	<1.0	<1.0	6.8	<1.0	<1.0	--
415130088004102	07-09-85	<5	<1.0	<1.0	<1.0	<1.0	4.2	<1.0	<1.0	--
415131087595601	11-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415139088042901	07-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415141088043001	07-18-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415149088061701	03-08-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415150088061801	07-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415222088081301	09-05-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415241088040201	07-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415247088041401	07-17-85	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
415259087584101	11-13-85	<5	5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415300088054601	07-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415325088030501	07-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415344088045101	06-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415409088001701	07-25-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415410088034301	07-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415422088054701	06-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415423088064001	06-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415446088080201	06-28-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-28-85	<5	--	--	--	--	--	--	--	--
415457088045001	06-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415503088040001	06-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415509088063101	06-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415514088034601	06-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415533088043401	06-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415551087554801	07-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415551087590901	07-29-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415553088054801	06-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415710088021501	10-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415712088020001	07-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Du Page County--Continued						
414725088001301	07-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414727088040501	09-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414731087581301	09-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414736088013901	07-10-85	<1.0	4.5	<1.0	11.7	3.6	<1.0	<1.0	<1.0	<1.0
	12-11-86	<1.0	2.0	<1.0	5.0	4.0	<1.0	<1.0	<1.0	<1.0
	05-12-87	<1.0	<1.0	<1.0	5.0	2.0	<1.0	<1.0	<1.0	<1.0
414740087565001	09-10-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414743088003401	07-10-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414756088092801	07-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414801087562901	09-03-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414802087561501	09-04-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414803087583201	09-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414809087561001	09-04-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414816087552801	09-04-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414824087582401	09-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414826087560601	09-03-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414837087581601	09-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414843087585101	12-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414843087585501	12-10-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414908087553301	09-03-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414910087552001	09-03-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414921087550901	09-04-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414935088012501	07-10-85	--	--	--	--	--	--	--	--	--
414938088035501	07-01-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414949088075501	07-01-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415000088020201	07-01-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415034088075501	12-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11	<1.0

415040088024001	12-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415041087584201	11-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415049088053401	07-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415057088052901	07-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415119087565701	12-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-13-85	--	--	--	--	--	--	--	--	--
415123088043801	07-18-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415126088093301	08-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415130088004101	07-08-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415130088004102	07-09-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415131087595601	11-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415139088042901	07-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415141088043001	07-18-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415149088061701	03-08-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415150088061801	07-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415222088081301	09-05-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415241088040201	07-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415247088041401	07-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415259087584101	11-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415300088054601	07-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415325088030501	07-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415344088045101	06-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415409088001701	07-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415410088034301	07-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415422088054701	06-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415423088064001	06-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415446088080201	06-28-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-28-85	--	--	--	--	--	--	--	--	--
415457088045001	06-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415503088040001	06-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415509088063101	06-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415514088034601	06-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415533088043401	06-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415551087554801	07-11-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415551087590901	07-29-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415553088054801	06-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415710088021501	10-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415712088020001	07-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Du Page County--Continued			
415712088053001	06-24-85	1020	Bloomingdale Well No. 5	17002	17002	128.00
415715088015601	10-31-85	1420	Nordic Park Water and Sewer Company Well No. 3	17002	17002	--
415733088001101	07-08-85	1045	Wood Dale Well No. 6	17002	17002	31.00
415806088052301	06-24-85	1355	Roselle Well No. 4	17002	17002	125.00
415807088003801	03-05-85	1600	Itasca Well No. 5	81700	17002	88.50
415839088113901	07-07-86	1130	Bartlett Well No. 5	17002	17002	--
415852088040001	06-24-85	1535	Roselle Well No. 3	17002	17002	54.00
415906088044801	06-28-85	1150	Roselle Well No. 2	17002	17002	97.00
			Fulton County			
403759090094601	08-12-86	1045	Fairview Well No. 3	17002	17002	--
			Henry County			
411155090071301	11-10-86	1330	Bishop Hill Well No. 1	17002	17002	--
411735090173501	10-20-86	1300	Andover Well No. 1	17002	17002	--
411747090212901	02-27-87	1215	Lynn Center Well No. 1	17002	17002	--
411839090232501	02-27-87	1145	Lake Lynnwood Water System Well No. 1	17002	17002	--
412057090165501	11-05-86	1155	Osco Well No. 2	17002	17002	--
412113090225601	05-08-86	1020	Orion Well No. 1	17002	17002	--
412117090220601	05-08-86	1100	Orion Well No. 2	17002	17002	--
	05-08-86	1105	Orion Well No. 2	17002	17002	--
412151090095301	02-26-87	1250	Hillcrest Home Well No. 2	17002	17002	--
412153090095001	02-26-87	1235	Hillcrest Home Well No. 3	17002	17002	--
412353090254101	02-27-87	1100	Sunny Hill Estates Subdivision Well No. 1	17002	17002	--
412357089542601	11-10-86	1005	Annawan Well No. 2	17002	17002	--
412358089542701	11-17-86	0930	Annawan Well No. 1	17002	17002	--
412516090004201	10-20-86	1035	Atkinson Well No. 1	17002	17002	--
412517090004801	10-20-86	1100	Atkinson Well No. 2	17002	17002	--
412611090245901	02-27-87	1015	Oakwood Place Subdivision Well No. 1	17002	17002	--
412703090253601	02-25-87	1115	Timber Ridge Subdivision Well No. 1	17002	17002	--
412806090191701	02-17-87	1330	Level Acres Well No. 2	17002	17002	--
412810090195901	02-18-87	1345	Level Acres Well No. 1	17002	17002	--
412811090192201	02-18-87	1345	Level Acres Briar Gate Water Association Well No. 1	17002	17002	--

412814090220001	10-21-86	1350	Green Rock Well No. 1	17002	17002	--
412819090202601	10-21-86	1200	East Portal Water System Well No. 1	17002	17002	--
	02-17-87	1200	East Portal Water System Well No. 1	17002	17002	--
412855090212201	10-21-86	1110	Colona Well No. 2	17002	17002	--
	10-21-86	1110	Colona Well No. 2	17002	17002	--
412901090220501	10-21-86	1315	Green Rock Well No. 2	17002	17002	--
412904090215601	02-18-87	1130	Kershaw Mobile Home Park Well No. 2	17002	17002	--
412904090221001	02-18-87	1145	Kershaw Mobile Home Park Well No. 1	17002	17002	--
412914090191801	02-17-87	1045	Daytons Valley View Well No. 1	17002	17002	--
412956090160801	02-19-87	1015	Rustic Acres Well No. 1	17002	17002	--
412959090143001	02-26-87	1330	Lynnwood 1st Addition Well No. 2	17002	17002	--
413008090133201	02-24-87	1215	Hazelwood Heights Subdivision Well No. 1	17002	17002	--
413009090143701	02-19-87	1045	Lynnwood 3rd Addition Well No. 1	17002	17002	--
413021090122301	02-24-87	1145	Hazelwood 4th Addition Well No. 1	17002	17002	--
413031090114201	02-26-87	1015	Hazelwood 2nd Addition Well No. 2	17002	17002	--
413031090120101	02-25-87	1655	Hazelwood 1st Addition Well No. 5	17002	17002	--
413034090120501	02-25-87	1245	Hazelwood 1st Addition Well No. 3	17002	17002	--
413037090113501	02-25-87	1615	Hazelwood 3rd Addition Well No. 1	17002	17002	--
413038090114101	02-26-87	1115	Hazelwood 2nd Addition Well No. 3	17002	17002	--
413113090150201	02-19-87	1245	Rock River View Mobile Home Park Well No. 2	17002	17002	--
	02-19-87	1250	Rock River View Mobile Home Park Well No. 2	17002	17002	--
413142090115701	02-24-87	1115	North Hazelwood Subdivision Well No. 1	17002	17002	--
413156090120401	02-24-87	1130	Timber Brook Estates Well No. 1	17002	17002	--
			Iroquois County			
405611087560001	03-13-85	1020	Clifton Well No. 1	17002	17002	--
405712087392301	03-13-85	1515	Beaverville Well No. 2	81700	17002	71.06
410007087543901	06-05-85	1215	Chebanse Well No. 2	17002	17002	--
			Kane County			
414346088191101	09-24-86	1415	Oak Grove Mobile Home Park Well No. 2	17002	17002	--
414356088183101	09-24-86	1500	Patterson Mobile Home Park Well No. 1	17002	17002	--
414411088170401	11-10-86	1640	Parkview Water Corporation Well No. 1	17002	17002	--
	11-10-86	1645	Parkview Water Corporation Well No. 1	17002	17002	--
414421088171301	09-24-86	1220	Rays Mobile Home Park Well No. 1	17002	17002	--
414423088171501	09-24-86	1140	Rays Mobile Home Park Well No. 2	17002	17002	--
414503088164801	06-11-85	1215	Wermes Well No. 2	17002	17002	65.00
414531088162601	09-30-86	1305	Ogden Gardens Subdivision Well No. 1	17002	17002	--
414539088162601	09-30-86	1320	Ogden Gardens Subdivision Well No. 2	17002	17002	--
414542088161701	09-30-86	1341	Ogden Gardens Subdivision Well No. 3	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Du Page County--Continued							
415712088053001	06-24-85	160	630	905	7.40	-124	11.5	90	40	41	2.1
415715088015601	10-31-85	--	--	--	--	--	--	160	80	31	3.3
415733088001101	07-08-85	--	1,010	1,220	7.10	-88	14.5	97	51	25	2.0
415806088052301	06-24-85	175	890	1,040	7.20	-102	11.5	100	52	42	2.3
415807088003801	03-05-85	120	690	1,300	7.10	-126	11.5	130	66	64	4.3
415839088113901	07-07-86	80	700	380	7.40	-207	11.0	75	49	17	2.4
415852088040001	06-24-85	125	770	1,460	7.10	-96	12.5	160	83	41	2.9
415906088044801	06-28-85	230	310	880	7.40	-142	12.5	88	51	32	1.9
				Fulton County							
403759090094601	08-12-86	165	120	2,400	7.30	-201	23.0	84	34	420	22
				Henry County							
411155090071301	11-10-86	20	80	615	7.40	-311	15.0	19	12	140	7.1
411735090173501	10-20-86	45	150	390	7.10	-315	15.0	42	18	110	5.1
411747090212901	02-27-87	5	35	--	7.30	--	13.5	36	15	89	3.0
411839090232501	02-27-87	5	E20	--	7.40	--	13.5	61	23	53	3.0
412057090165501	11-05-86	--	--	390	7.00	-342	14.5	35	20	130	6.2
412113090225601	05-08-86	80	125	745	6.80	-302	14.0	40	16	120	5.2
412117090220601	05-08-86	120	140	755	7.00	-326	14.5	41	17	120	5.6
	05-08-86	125	140	755	7.00	-326	14.5	41	17	120	5.4
412151090095301	02-26-87	15	--	--	7.40	--	13.5	30	16	150	7.8
412153090095001	02-26-87	10	--	--	7.40	--	13.5	31	16	150	7.9
412353090254101	02-27-87	5	125	--	7.10	--	13.5	42	19	96	4.7
412357089542601	11-10-86	30	E100	280	7.20	722	14.0	76	25	56	4.8
412358089542701	11-17-86	20	E80	265	7.10	-221	13.0	53	25	44	4.4
412516090004201	10-20-86	60	250	405	7.60	-318	14.0	24	12	160	6.5
412517090004801	10-20-86	85	175	405	7.60	-336	14.0	23	11	150	6.4
412611090245901	02-27-87	5	45	--	7.30	--	13.0	43	17	99	4.3
412703090253601	02-25-87	5	85	--	7.00	--	13.5	38	16	110	3.9
412806090191701	02-17-87	--	E15	--	7.50	--	12.0	44	20	39	4.4
412810090195901	02-18-87	5	E20	--	7.30	--	12.5	50	23	48	5.2
412811090192201	02-18-87	5	E15	--	7.00	--	12.5	53	25	43	5.9

412814090220001	10-21-86	70	360	340	7.00	-349	12.5	48	22	92	4.2
412819090202601	10-21-86	35	300	310	7.00	-298	13.0	53	24	53	3.5
	02-17-87	5	300	--	7.40	--	13.0	53	24	53	3.7
412855090212201	10-21-86	30	250	275	7.00	-255	13.5	64	24	27	1.6
	10-21-86	30	250	275	7.00	-255	13.5	64	24	27	1.6
412901090220501	10-21-86	315	120	290	7.20	-296	12.5	63	22	33	2.2
412904090215601	02-18-87	5	E20	--	7.20	--	12.0	60	22	26	2.5
412904090221001	02-18-87	5	E20	--	7.20	--	14.0	62	21	22	2.2
412914090191801	02-17-87	5	15	--	7.30	--	11.0	69	29	28	2.6
412956090160801	02-19-87	5	180	--	6.90	--	13.0	94	44	16	1.8
412959090143001	02-26-87	--	E20	--	7.10	--	10.5	90	38	10	2.3
413008090133201	02-24-87	5	125	--	7.00	--	12.5	95	44	6.4	.5
413009090143701	02-19-87	5	28	--	6.90	--	12.5	91	42	7.0	.9
413021090122301	02-24-87	5	50	--	7.00	--	12.0	89	32	12	1.1
413031090114201	02-26-87	5	E20	--	7.20	--	12.0	85	34	9.3	.9
413031090120101	02-25-87	5	E20	--	6.90	--	11.5	87	35	9.9	.7
413034090120501	02-25-87	5	E15	--	7.00	--	12.0	85	34	11	.8
413037090113501	02-25-87	5	E15	--	7.00	--	13.0	79	32	8.6	.9
413038090114101	02-26-87	5	E20	--	7.10	--	12.0	84	34	10	1.0
413113090150201	02-19-87	--	E15	--	--	--	--	43	21	85	4.6
	02-19-87	--	E15	--	7.30	--	12.0	45	21	81	5.1
413142090115701	02-24-87	5	79	--	7.10	--	12.0	85	35	11	.9
413156090120401	02-24-87	5	50	--	7.30	--	12.0	82	31	10	1.0
				Iroquois County							
405611087560001	03-13-85	--	--	--	--	--	--	88	44	46	5.2
405712087392301	03-13-85	50	102	610	7.50	-236	11.5	53	23	47	3.2
410007087543901	06-05-85	75	23	755	7.10	-300	13.5	62	30	62	5.3
				Kane County							
414346088191101	09-24-86	--	--	--	--	--	--	97	53	26	5.2
414356088183101	09-24-86	--	24	--	--	--	--	120	63	26	2.7
414411088170401	11-10-86	5	80	--	--	--	--	73	41	16	1.3
	11-10-86	10	80	17	--	--	--	74	42	16	1.3
414421088171301	09-24-86	25	100	--	--	--	--	66	38	44	6.5
414423088171501	09-24-86	20	100	--	--	--	--	81	48	30	5.1
414503088164801	06-11-85	45	55	800	7.60	-115	11.5	91	61	11	2.0
414531088162601	09-30-86	7	45	--	--	--	--	66	39	27	2.3
414539088162601	09-30-86	--	45	--	--	--	--	57	34	28	2.3
414542088161701	09-30-86	11	25	--	--	--	--	52	32	27	2.2

E Estimated.

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Du Page County--Continued						
415712088053001	06-24-85	261	266	190	39	0.4	18	906	<0.100	0.620	<0.010
415715088015601	10-31-85	--	321	400	47	.3	20	1,020	<.100	.240	<.010
415733088001101	07-08-85	333	305	110	59	.2	11	672	1.90	.100	--
415806088052301	06-24-85	306	299	220	53	.4	19	1,060	<.100	.720	<.010
415807088003801	03-05-85	317	312	300	100	.4	19	916	<.100	.590	.010
415839088113901	07-07-86	363	363	48	16	.6	--	504	<.100	1.20	.050
415852088040001	06-24-85	385	365	410	72	.3	23	1,470	<.100	.690	<.010
415906088044801	06-28-85	295	289	190	19	.5	20	612	<.100	.610	.010
					Fulton County						
403759090094601	08-12-86	--	238	670	50	2.9	--	1,540	<.100	1.20	<.010
					Henry County						
411155090071301	11-10-86	--	454	130	79	1.8	8.5	773	<.100	.920	<.010
411735090173501	10-20-86	392	347	48	8.4	.6	--	460	<.100	3.10	<.010
411747090212901	02-27-87	--	391	46	9.8	.5	8.8	443	<.100	2.90	.040
411839090232501	02-27-87	--	372	11	4.7	.3	9.8	353	.170	2.70	<.010
412057090165501	11-05-86	--	445	22	11	.7	8.4	503	.240	2.60	<.010
412113090225601	05-08-86	--	417	14	7.9	.6	8.4	493	<.100	2.40	<.010
412117090220601	05-08-86	--	433	13	8.8	.6	8.3	499	<.100	2.40	<.010
	05-08-86	--	421	16	8.5	.6	8.4	462	<.100	2.30	<.010
412151090095301	02-26-87	--	476	<10	10	.7	8.2	504	<.100	1.80	<.010
412153090095001	02-26-87	--	482	<10	8.2	.7	--	485	<.100	1.80	<.010
412353090254101	02-27-87	--	423	<10	4.3	.6	9.1	408	<.100	3.10	<.010
412357089542601	11-10-86	--	368	<10	78	.4	--	550	.100	<.100	.020
412358089542701	11-17-86	--	353	<10	1.2	.4	--	367	<.100	2.50	.010
412516090004201	10-20-86	444	--	27	9.8	.8	--	526	<.100	1.50	<.010
412517090004801	10-20-86	432	432	27	9.1	.8	--	480	<.100	1.50	<.010
412611090245901	02-27-87	--	434	<10	2.7	.6	8.1	419	<.100	2.70	.020
412703090253601	02-25-87	--	419	<10	33	.6	8.6	464	<.100	2.60	<.010
412806090191701	02-17-87	--	360	<10	2.8	.6	9.5	406	<.100	1.60	<.010
412810090195901	02-18-87	--	348	<10	3.9	.6	9.8	357	<.100	1.60	<.010
412811090192201	02-18-87	--	358	<10	2.7	.5	9.7	340	<.100	1.70	<.010

412814090220001	10-21-86	--	388	14	9.2	.5	9.7	431	<.100	2.10	<.010
412819090202601	10-21-86	368	368	<10	2.9	.6	10	370	<.100	1.60	<.010
	02-17-87	--	372	<10	2.7	.6	10	348	<.100	1.80	<.010
412855090212201	10-21-86	--	330	<10	2.0	.4	14	331	<.100	.850	.020
	10-21-86	--	330	<10	2.0	.4	14	331	<.100	.850	.020
412901090220501	10-21-86	--	288	34	13	.5	11	349	<.100	1.00	.030
412904090215601	02-18-87	--	290	16	4.1	.5	11	385	<.100	1.00	.060
412904090221001	02-18-87	--	278	20	4.0	.5	11	446	<.100	.860	.440
412914090191801	02-17-87	--	364	<10	3.5	.4	14	346	<.100	1.20	.030
412956090160801	02-19-87	--	460	<10	1.3	.4	22	490	<.100	3.20	.200
412959090143001	02-26-87	--	410	<10	<1.0	.3	20	369	<.100	1.80	.040
413008090133201	02-24-87	--	407	34	1.3	.2	--	436	<.100	.350	.140
413009090143701	02-19-87	--	419	<10	1.3	.3	26	444	<.100	1.90	.270
413021090122301	02-24-87	--	391	<10	<1.0	.3	--	358	<.100	1.00	.240
413031090114201	02-26-87	--	389	<10	<1.0	.2	--	371	<.100	.880	.030
413031090120101	02-25-87	--	398	<10	<1.0	.2	--	371	<.100	.960	.070
413034090120501	02-25-87	--	385	<10	<1.0	.2	--	383	.180	.840	.070
413037090113501	02-25-87	--	387	<10	<1.0	.2	--	359	.530	1.00	.040
413038090114101	02-26-87	--	380	<10	3.2	.3	--	348	<.100	.880	.040
413113090150201	02-19-87	--	394	10	4.9	.5	9.5	460	<.100	2.00	<.010
	02-19-87	--	378	<10	5.1	.5	9.2	352	<.100	1.80	<.010
413142090115701	02-24-87	--	395	<10	<1.0	.3	18	370	<.100	1.30	.100
413156090120401	02-24-87	--	394	<10	<1.0	.3	19	361	<.100	1.10	.060
					Iroquois County						
405611087560001	03-13-85	--	294	220	4.4	.5	--	560	<.100	1.70	.020
405712087392301	03-13-85	299	286	22	26	.5	11	334	<.100	4.20	.190
410007087543901	06-05-85	260	250	170	3.2	.7	8.2	513	<.100	1.60	.060
					Kane County						
414346088191101	09-24-86	319	319	85	74	.1	--	561	.340	<.100	.610
414356088183101	09-24-86	372	372	160	56	.3	--	694	<.100	.100	.550
414411088170401	11-10-86	--	339	59	2.8	.5	17	415	<.100	.180	.060
	11-10-86	--	344	60	25	.5	--	343	.100	.170	.060
414421088171301	09-24-86	336	336	130	6.4	.8	--	522	<.100	.420	.310
414423088171501	09-24-86	351	351	100	4.4	.7	--	543	<.100	.350	.320
414503088164801	06-11-85	328	380	98	17	.4	24	570	<.100	.550	.020
414531088162601	09-30-86	--	291	89	3.5	.8	--	421	.110	.560	.030
414539088162601	09-30-86	281	281	67	2.0	.9	--	354	<.100	.560	.040
414542088161701	09-30-86	276	276	52	<1.0	.9	--	382	<.100	.430	.060

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Du Page County--Continued						
415712088053001	06-24-85	<50	4	30	<0.5	360	<3	<5	<5	<5	620
415715088015601	10-31-85	<50	<1	30	<.5	240	<3	<5	<5	12	560
415733088001101	07-08-85	--	<1	60	--	--	--	--	--	--	--
415806088052301	06-24-85	<50	2	40	<.5	290	<3	<5	<5	<5	1,000
415807088003801	03-05-85	<50	<1	30	<.5	240	<3	<5	<5	<5	2,500
415839088113901	07-07-86	<50	<1	70	<1.0	130	<3	<5	<5	<5	330
415852088040001	06-24-85	<50	1	20	<.5	260	<3	<5	<5	<5	2,200
415906088044801	06-28-85	<50	1	30	<.5	340	<3	<5	<5	<5	830
					Fulton County						
403759090094601	08-12-86	<50	<1	20	8.0	1,300	<3	<5	5	<5	230
					Henry County						
411155090071301	11-10-86	<50	<1	40	<.5	970	<3	<5	<5	18	<50
411735090173501	10-20-86	<50	<1	200	<.5	440	<3	<5	<5	16	60
411747090212901	02-27-87	<50	<1	300	<.5	300	<3	<5	5	<5	<50
411839090232501	02-27-87	<50	<1	600	<.5	330	<3	<5	<5	6	80
412057090165501	11-05-86	<50	<1	100	<.5	520	<3	<5	<5	<5	<50
412113090225601	05-08-86	<50	<1	400	<.5	400	<3	<5	<5	<5	<50
412117090220601	05-08-86	<50	<1	300	<.5	410	<3	<5	<5	<5	<50
	05-08-86	<50	<1	300	<.5	420	<3	<5	<5	<5	<50
412151090095301	02-26-87	<50	<1	50	<.5	580	<3	<5	<5	<5	100
412153090095001	02-26-87	<50	<1	50	<.5	590	<3	<5	<5	8	760
412353090254101	02-27-87	<50	<1	200	<.5	400	<3	<5	<5	<5	100
412357089542601	11-10-86	<50	<1	200	<.5	370	<3	<5	<5	13	60
412358089542701	11-17-86	<50	<1	200	<.5	360	<3	<5	<5	<5	<50
412516090004201	10-20-86	<50	<1	30	<.5	460	<3	<5	<5	8	60
412517090004801	10-20-86	<50	<1	60	<.5	500	<3	<5	<5	7	<50
412611090245901	02-27-87	<50	<1	200	<.5	360	<3	<5	<5	<5	1,200
412703090253601	02-25-87	<50	<1	200	<.5	360	<3	<5	<5	88	60
412806090191701	02-17-87	50	<1	200	<.5	410	<3	7	9	8	550
412810090195901	02-18-87	<50	<1	400	<.5	510	<3	<5	<5	<5	200
412811090192201	02-18-87	<50	<1	500	<.5	530	<3	<5	<5	<5	1,000

412814090220001	10-21-86	<50	<1	100	<.5	350	<3	<5	<5	<5	<50
412819090202601	10-21-86	<50	<1	100	<.5	280	<3	<5	<5	12	<50
	02-17-87	60	<1	100	<.5	350	<3	<5	<5	64	<50
412855090212201	10-21-86	<50	<1	200	<.5	170	<3	<5	<5	<5	<50
	10-21-86	<50	<1	200	<.5	170	<3	<5	<5	<5	<50
412901090220501	10-21-86	<50	<1	100	<.5	210	<3	<5	<5	<5	450
412904090215601	02-18-87	<50	<1	100	<.5	360	<3	<5	<5	74	390
412904090221001	02-18-87	<50	<1	100	<.5	290	<3	<5	<5	14	3,200
412914090191801	02-17-87	<50	<1	200	<.5	170	<3	<5	<5	<5	170
412956090160801	02-19-87	<50	49	400	<.5	100	<3	<5	<5	15	1,400
412959090143001	02-26-87	<50	10	300	<.5	140	<3	<5	<5	30	320
413008090133201	02-24-87	<50	10	300	<.5	<50	<3	<5	5	<5	1,600
413009090143701	02-19-87	<50	20	300	<.5	<50	<3	<5	<5	<5	1,900
413021090122301	02-24-87	<50	4	300	<.5	70	<3	<5	<5	17	2,000
413031090114201	02-26-87	<50	10	200	<.5	<50	<3	<5	<5	26	60
413031090120101	02-25-87	60	7	200	<.5	<50	<3	<5	<5	<5	120
413034090120501	02-25-87	220	7	200	<.5	<50	<3	<5	<5	13	570
413037090113501	02-25-87	<50	16	100	<.5	60	<3	<5	8	6	680
413038090114101	02-26-87	<50	18	200	<.5	<50	<3	<5	<5	32	430
413113090150201	02-19-87	<50	<1	100	<.5	400	<3	<5	<5	<5	120
	02-19-87	<50	<1	200	<.5	400	<3	<5	<5	<5	120
413142090115701	02-24-87	<50	2	200	<.5	70	<3	<5	<5	170	1,500
413156090120401	02-24-87	50	<1	200	<.5	60	<3	<5	7	<5	310

Iroquois County

405611087560001	03-13-85	<50	<1	30	<.5	1,000	<3	<5	<5	<5	250
405712087392301	03-13-85	<50	<1	100	<.5	700	<3	<5	<5	<5	1,200
410007087543901	06-05-85	<50	<1	40	<.5	1,400	<3	<5	<5	<5	260

Kane County

414346088191101	09-24-86	<50	<1	70	<.5	50	<3	<5	<5	<5	130
414356088183101	09-24-86	<50	1	90	<.5	140	<3	<5	<5	<5	2,200
414411088170401	11-10-86	60	1	60	<.5	140	<3	<5	<5	<5	1,500
	11-10-86	90	1	60	<.5	150	<3	<5	<5	<5	1,500
414421088171301	09-24-86	<50	<1	20	<.5	680	<3	<5	<5	<5	310
414423088171501	09-24-86	<50	<1	50	<.5	490	<3	<5	<5	<5	1,100
414503088164801	06-11-85	<50	<1	90	<.5	120	<3	<5	<5	<5	910
414531088162601	09-30-86	<50	3	70	<.5	430	<3	<5	<5	<5	640
414539088162601	09-30-86	<50	2	60	<.5	460	<3	<5	<5	<5	650
414542088161701	09-30-86	<50	2	60	<.5	440	<3	<5	<5	37	2,300

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Du Page County--Continued							
415712088053001	06-24-85	<5	7	<0.01	<5	<1	<3	1,300	<5	<50	<0.010
415715088015601	10-31-85	<5	15	<.01	<5	<1	<3	1,300	<5	<50	<.010
415733088001101	07-08-85	<5	--	<.01	--	1	--	--	--	--	<.010
415806088052301	06-24-85	<5	12	<.01	<5	1	<3	1,500	<5	<50	<.010
415807088003801	03-05-85	<5	28	<.10	<5	<1	<3	1,500	<5	<50	<.010
415839088113901	07-07-86	<5	27	<.01	<5	<1	<3	480	<5	<50	<.010
415852088040001	06-24-85	<5	11	<.01	<5	<1	<3	2,000	<5	150	<.010
415906088044801	06-28-85	<5	5	<.01	<5	<1	<3	1,600	<5	<50	.100
				Fulton County							
403759090094601	08-12-86	<5	8	.07	8	<1	<3	3,000	<5	<50	<.010
				Henry County							
411155090071301	11-10-86	<5	<5	<.05	<5	<1	<3	550	<5	<100	<.010
411735090173501	10-20-86	<5	<5	.11	<5	<1	<3	530	<5	<50	<.010
411747090212901	02-27-87	<5	<5	<.05	8	<1	5	360	<5	<50	<.010
411839090232501	02-27-87	<5	<5	<.05	<5	<1	<3	490	<5	<50	<.010
412057090165501	11-05-86	<5	7	<.05	<5	1	<3	580	<5	<50	<.010
412113090225601	05-08-86	<5	<5	<.01	<5	<1	<3	470	<5	<50	<.010
412117090220601	05-08-86	<5	<5	<.01	<5	<1	<3	510	<5	<50	<.010
	05-08-86	<5	<5	<.01	<5	<1	<3	510	<5	<50	<.010
412151090095301	02-26-87	<5	<5	<.05	<5	<1	<3	540	<5	<50	<.010
412153090095001	02-26-87	<5	7	<.05	<5	<1	<3	550	<5	<100	<.010
412353090254101	02-27-87	<5	<5	<.05	<5	<1	<3	470	<5	<50	<.010
412357089542601	11-10-86	<5	7	.58	<5	<1	<3	820	<5	<50	<.010
412358089542701	11-17-86	<5	5	<.05	<5	<1	<3	800	<5	<50	<.010
412516090004201	10-20-86	<5	<5	.08	<5	<1	<3	410	<5	<50	<.010
412517090004801	10-20-86	<5	<5	<.05	<5	<1	<3	390	<5	<50	<.010
412611090245901	02-27-87	<5	12	<.05	<5	<1	<3	490	<5	110	<.010
412703090253601	02-25-87	8	<5	<.05	<5	<1	<3	360	<5	<50	<.010
412806090191701	02-17-87	<5	10	<.05	12	<1	8	560	8	<50	<.010
412810090195901	02-18-87	<5	12	<.05	<5	<1	<3	720	<5	<100	<.010
412811090192201	02-18-87	<5	13	<.05	<5	<1	<3	800	<5	<50	<.010

412814090220001	10-21-86	<5	<5	<.05	<5	<1	<3	480	<5	<50	<0.010
412819090202601	10-21-86	<5	<5	<.05	<5	<1	<3	530	<5	<50	<.010
	02-17-87	29	<5	<.05	<5	<1	<3	500	<5	<50	<.010
412855090212201	10-21-86	<5	<5	.11	<5	<1	<3	350	<5	<50	<.010
	10-21-86	<5	<5	.11	<5	<1	<3	350	<5	<50	<.010
412901090220501	10-21-86	<5	45	<.05	<5	<1	<3	400	<5	<50	<.010
412904090215601	02-18-87	9	24	<.05	<5	<1	<3	430	<5	<50	<.010
412904090221001	02-18-87	<5	36	<.05	<5	<1	<3	390	<5	<100	<.010
412914090191801	02-17-87	<5	<5	<.05	<5	<1	<3	440	<5	<50	<.010
412956090160801	02-19-87	<5	18	<.05	<5	<1	<3	910	<5	<50	<.010
412959090143001	02-26-87	<5	8	<.05	<5	<1	<3	420	<5	110	<.010
413008090133201	02-24-87	<5	37	<.05	<5	<1	<3	160	<5	220	<.010
413009090143701	02-19-87	<5	7	<.05	<5	<1	<3	320	<5	<50	<.010
413021090122301	02-24-87	18	33	<.05	<5	<1	<3	310	<5	<50	<.010
413031090114201	02-26-87	<5	<5	<.05	<5	<1	<3	420	<5	150	<.010
413031090120101	02-25-87	<5	<5	<.05	<5	<1	<3	380	<5	<50	<.010
413034090120501	02-25-87	6	26	<.05	<5	<1	<3	400	<5	<100	<.010
413037090113501	02-25-87	<5	7	<.05	9	<1	4	500	5	230	<.010
413038090114101	02-26-87	<5	5	<.05	<5	<1	<3	540	<5	<100	<.010
413113090150201	02-19-87	<5	7	<.05	<5	<1	<3	470	<5	<50	<.010
	02-19-87	<5	7	<.05	<5	<1	<3	570	<5	<50	<.010
413142090115701	02-24-87	<5	14	<.05	<5	<1	<3	550	<5	<100	<.010
413156090120401	02-24-87	<5	<5	<.05	<5	<1	4	450	<5	<50	<.010

Iroquois County

405611087560001	03-13-85	<5	11	<.01	<5	1	<3	1,100	<5	<50	<.010
405712087392301	03-13-85	<5	29	<.01	<5	<1	<3	430	<5	<100	<.010
410007087543901	06-05-85	<5	5	<.01	<5	1	<3	1,300	<5	<50	<.010

Kane County

414346088191101	09-24-86	<5	11	<.05	<5	<1	<3	90	<5	270	<.010
414356088183101	09-24-86	<5	38	<.05	<5	<1	<3	440	<5	<50	<.010
414411088170401	11-10-86	<5	21	<.05	<5	<1	<3	410	<5	<50	<.010
	11-10-86	<5	22	<.05	7	<1	<3	410	<5	<50	<.010
414421088171301	09-24-86	<5	6	<.05	<5	<1	<3	900	<5	<50	<.010
414423088171501	09-24-86	<5	16	<.05	<5	<1	<3	840	<5	<50	<.010
414503088164801	06-11-85	<5	21	<.01	<5	<1	<3	500	<5	<50	<.010
414531088162601	09-30-86	<5	18	.10	<5	<1	<3	1,000	<5	<50	<.010
414539088162601	09-30-86	<5	24	.11	<5	<1	<3	920	<5	<50	<.010
414542088161701	09-30-86	<5	21	<.05	<5	<1	<3	860	<5	110	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Du Page County--Continued						
415712088053001	06-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415715088015601	10-31-85	<5	1.3	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	--
415733088001101	07-08-85	<5	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	--
415806088052301	06-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415807088003801	03-05-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415839088113901	07-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415852088040001	06-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415906088044801	06-28-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
				Fulton County						
403759090094601	08-12-86	<5	1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
				Henry County						
411155090071301	11-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411735090173501	10-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411747090212901	02-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411839090232501	02-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412057090165501	11-05-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412113090225601	05-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412117090220601	05-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-08-86	<5	--	--	--	--	--	--	--	--
412151090095301	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412153090095001	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412353090254101	02-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412357089542601	11-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412358089542701	11-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412516090004201	10-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412517090004801	10-20-86	<5	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0
412611090245901	02-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412703090253601	02-25-87	<5	--	--	--	--	--	--	--	--
412806090191701	02-17-87	<5	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412810090195901	02-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412811090192201	02-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

412814090220001	10-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412819090202601	10-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-17-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412855090212201	10-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412901090220501	10-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412904090215601	02-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412904090221001	02-18-87	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
412914090191801	02-17-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412956090160801	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412959090143001	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413008090133201	02-24-87	<5	--	--	--	--	--	--	--	--
413009090143701	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413021090122301	02-24-87	<5	--	--	--	--	--	--	--	--
413031090114201	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413031090120101	02-25-87	<5	--	--	--	--	--	--	--	--
413034090120501	02-25-87	<5	--	--	--	--	--	--	--	--
413037090113501	02-25-87	<5	--	--	--	--	--	--	--	--
413038090114101	02-26-87	<5	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413113090150201	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413142090115701	02-24-87	<5	--	--	--	--	--	--	--	--
413156090120401	02-24-87	<5	--	--	--	--	--	--	--	--
					Iroquois County					
405611087560001	03-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
405712087392301	03-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
410007087543901	06-05-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
					Kane County					
414346088191101	09-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414356088183101	09-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414411088170401	11-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-10-86	<5	--	--	--	--	--	--	--	--
414421088171301	09-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414423088171501	09-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414503088164801	06-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414531088162601	09-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414539088162601	09-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414542088161701	09-30-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Du Page County--Continued						
415712088053001	06-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415715088015601	10-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415733088001101	07-08-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415806088052301	06-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415807088003801	03-05-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415839088113901	07-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415852088040001	06-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415906088044801	06-28-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Fulton County						
403759090094601	08-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Henry County						
411155090071301	11-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411735090173501	10-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411747090212901	02-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411839090232501	02-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412057090165501	11-05-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412113090225601	05-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412117090220601	05-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-08-86	--	--	--	--	--	--	--	--	--
412151090095301	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412153090095001	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412353090254101	02-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412357089542601	11-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412358089542701	11-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412516090004201	10-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412517090004801	10-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412611090245901	02-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412703090253601	02-25-87	--	--	--	--	--	--	--	--	--
412806090191701	02-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412810090195901	02-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412811090192201	02-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

412814090220001	10-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412819090202601	10-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412855090212201	10-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412901090220501	10-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412904090215601	02-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412904090221001	02-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0
412914090191801	02-17-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412956090160801	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412959090143001	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413008090133201	02-24-87	--	--	--	--	--	--	--	--	--
413009090143701	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413021090122301	02-24-87	--	--	--	--	--	--	--	--	--
413031090114201	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413031090120101	02-25-87	--	--	--	--	--	--	--	--	--
413034090120501	02-25-87	--	--	--	--	--	--	--	--	--
413037090113501	02-25-87	--	--	--	--	--	--	--	--	--
413038090114101	02-26-87	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413113090150201	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413142090115701	02-24-87	--	--	--	--	--	--	--	--	--
413156090120401	02-24-87	--	--	--	--	--	--	--	--	--

Iroquois County

405611087560001	03-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
405712087392301	03-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410007087543901	06-05-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Kane County

414346088191101	09-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414356088183101	09-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414411088170401	11-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-10-86	--	--	--	--	--	--	--	--	--
414421088171301	09-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414423088171501	09-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414503088164801	06-11-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414531088162601	09-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414539088162601	09-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414542088161701	09-30-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Kane County--Continued			
	09-30-86	1345	Ogden Gardens Subdivision Well No. 3	17002	17002	--
414604088162401	09-24-86	1015	Dearborn Mobile Home Park Well No. 1	17002	17002	--
414614088171701	09-12-86	0940	Margarets Hi-Acre Mobile Home Park Well No. 1	17002	17002	--
	09-12-86	0945	Margarets Hi-Acre Mobile Home Park Well No. 1	17002	17002	--
414617088171201	09-12-86	1015	Margarets Hi-Acre Mobile Home Park Well No. 3	17002	17002	--
414619088171601	09-12-86	0855	Margarets Hi-Acre Mobile Home Park Well No. 2	17002	17002	--
415636088182901	11-07-86	1145	Highland Subdivision Well No. 1	17002	17002	--
420524088211801	10-17-86	0930	Gilberts Well No. 1	17002	17002	--
420726088160801	06-25-86	1140	Lake Marian Water Corporation Well No. 1	17002	17002	--
420754088161401	06-25-86	1245	Lake Marian Water Corporation Well No. 2	17002	17002	--
			Kankakee County			
410127087425201	03-12-85	1410	St. Anne Well No. 3	81700	17002	42.00
	03-12-85	1415	St. Anne Well No. 3	81700	17002	42.00
410250088102701	05-30-85	1040	Buckingham Well No. 3	17002	17002	--
410250088102702	05-30-85	0945	Buckingham Well No. 5	17002	17002	--
410325088022301	10-12-85	1540	Herscher Well No. 8	17002	17002	--
410329088021501	05-30-85	1510	Herscher Well No. 7	17002	17002	--
410508087475601	05-31-85	1025	Aroma Park Well No. 2	17002	17002	33.50
410658087570501	05-24-85	1200	Hillside Manor Well No. 1	17002	17002	29.00
410716087475701	05-23-85	1435	Skyway-Skyline Subdivision Well No. 1	17002	17002	32.50
410735087435001	05-29-85	1415	Kankakee Utilities Corporation Well No. 2	17002	17002	--
410813087545001	05-24-85	1020	Vaughndale Meadows Well No. 1	17002	17002	71.50
410919087393201	03-12-85	1210	Momence Well No. 3	81700	17002	20.00
	06-04-85	1440	Momence Well No. 3	17002	17002	--
410943087395001	05-01-87	1305	Momence Well No. 1	17002	17002	--
410943087395002	05-01-87	1320	Momence Well No. 2	17002	17002	--
	05-01-87	1325	Momence Well No. 2	17002	17002	--
411429087383701	06-05-85	0930	Grant Park Well No. 4	17002	17002	35.00
411441087501901	04-24-87	1130	Manteno Well No. 2	17002	17002	--
411448087500001	04-24-87	1205	Manteno Well No. 4	17002	17002	--
411453087503101	04-24-87	1045	Manteno Well No. 3	17002	17002	--

411626087491401	04-21-87	1055	Bills Mobile Home Park Well No. 1	17002	17002	--
411626087491402	04-21-87	1105	Bills Mobile Home Park Well No. 2	17002	17002	--
411628087491401	04-21-87	1220	A.C. Mobile Home Park Well No. 1	17002	17002	--

Knox County

410128090164301	07-29-86	1030	Wataga Well No. 1	17002	17002	--
	07-29-86	1035	Wataga Well No. 1	17002	17002	--
410131090212201	07-31-86	0840	Henderson Well No. 1	17002	17002	--
410158090060501	07-28-86	1030	Victoria Well No. 1	17002	17002	--
410422090133001	07-29-86	1535	Oneida Well No. 1	17002	17002	--
410647090094901	07-31-86	1125	Altona Well No. 1	17002	17002	--

Lake County

413152088021702	04-09-87	1125	Woodcreek Mobile Home Park Well No. 3	17002	17002	--
420932087551501	09-24-85	1010	Chevy Chase Subdivision Well No. 1	17002	17002	--
420946087555401	02-26-87	1025	Pekara Subdivision Well No. 3	17002	17002	--
420947087561801	02-26-87	1105	Pekara Subdivision Well No. 5	17002	17002	102.00
420953087554101	02-26-87	0855	Pekara Subdivision Well No. 2	17002	17002	--
420953087554201	02-26-87	0945	Pekara Subdivision Well No. 4	17002	17002	--
421002088042001	03-30-87	1115	Sturm Subdivision Well No. 1	17002	17002	--
421007087551001	02-20-87	1200	Riverwoods Special Services District 3 Well No. 1	17002	17002	--
421007087551002	02-20-87	1230	Riverwoods Special Services District 3 Well No. 2	17002	17002	--
	02-20-87	1245	Riverwoods Special Services District 3 Well No. 2	17002	17002	--
421116088051001	03-30-87	1305	Rand Estates Well No. 1	17002	17002	--
421220088051501	03-31-87	1600	Summit Home Owners Association Well No. 1	17002	17002	--
	03-31-87	1610	Summit Home Owners Association Well No. 1	17002	17002	--
421243088051501	03-31-87	0900	Lakewood Water System Well No. 1	17002	17002	--
421251088030201	08-07-85	1015	Forrest Lake Addition Well No. 1	17002	17002	108.00
421257088024901	01-21-87	1320	Hawthorn Woods Well No. 3	17002	17002	--
421257088025701	01-21-87	1300	Hawthorn Woods Well No. 2	17002	17002	--
421259088024501	01-21-87	1335	Hawthorn Woods Well No. 4	17002	17002	--
421302088021901	01-22-87	1025	Hawthorn Woods Well No. 2G	17002	17002	--
421302088030801	01-21-87	1240	Hawthorn Woods Well No. 1	17002	17002	--
421303088025001	01-21-87	1100	Hawthorn Woods Well No. 7	17002	17002	--
421303088052101	01-15-87	1145	Acorn Acres Subdivision Well No. 6	17002	17002	--
421304088024101	01-21-87	1040	Hawthorn Woods Well No. 5	17002	17002	--
421304088024501	01-21-87	1020	Hawthorn Woods Well No. 6	17002	17002	--
421304088031301	01-21-87	1220	Hawthorn Woods Well No. 8	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Kane County--Continued							
	09-30-86	--	--	--	--	--	--	48	31	27	2.2
414604088162401	09-24-86	--	20	--	--	--	--	52	34	28	2.1
414614088171701	09-12-86	160	22	--	--	--	--	48	27	96	14
	09-12-86	165	22	--	--	--	--	48	27	95	14
414617088171201	09-12-86	15	50	--	--	--	--	67	39	52	12
414619088171601	09-12-86	15	30	--	--	--	--	79	50	45	9.5
415636088182901	11-07-86	345	E35	--	--	--	--	90	45	17	1.5
420524088211801	10-17-86	15	E225	--	--	--	--	62	32	73	2.4
420726088160801	06-25-86	45	64	380	7.20	-95	11.0	89	47	10	3.5
420754088161401	06-25-86	45	--	350	7.30	-77	11.0	83	47	6.7	2.5
				Kankakee County							
410127087425201	03-12-85	140	E570	715	7.20	-264	13.5	80	35	28	2.6
	03-12-85	145	570	715	7.20	-264	13.5	80	35	29	2.7
410250088102701	05-30-85	160	E45	765	7.50	-130	13.5	33	19	120	4.7
410250088102702	05-30-85	105	E35	650	7.40	-140	13.5	72	33	19	4.8
410325088022301	10-12-85	280	400	940	--	--	--	--	--	--	--
410329088021501	05-30-85	190	E190	970	7.50	-111	14.0	97	45	60	6.0
410508087475601	05-31-85	145	125	640	7.90	-124	13.0	71	40	8.9	4.3
410658087570501	05-24-85	120	106	565	7.10	-131	13.0	64	28	18	3.0
410716087475701	05-23-85	75	42	890	7.10	-73	13.5	94	47	37	7.7
410735087435001	05-29-85	135	--	655	7.10	-127	14.0	27	14	110	3.7
410813087545001	05-24-85	140	88	695	7.30	223	13.0	130	60	29	8.4
410919087393201	03-12-85	50	690	730	7.20	-285	12.5	85	46	9.5	2.6
	06-04-85	100	600	800	8.30	-370	13.0	--	--	--	--
410943087395001	05-01-87	20	400	--	--	--	--	92	47	22	1.6
410943087395002	05-01-87	35	240	--	--	--	--	93	47	17	2.1
	05-01-87	40	240	--	--	--	--	94	47	17	2.1
411429087383701	06-05-85	120	300	730	6.30	-297	13.0	91	41	12	1.7
411441087501901	04-24-87	330	210	1,050	7.10	92	12.0	120	58	24	4.6
411448087500001	04-24-87	55	195	--	--	--	--	120	55	21	3.7
411453087503101	04-24-87	285	370	1,010	7.10	14	11.5	120	58	17	2.9

411626087491401	04-21-87	20	E10	--	--	--	--	96	45	16	4.0
411626087491402	04-21-87	8	E10	--	--	--	--	120	57	39	4.4
411628087491401	04-21-87	5	--	--	--	--	--	--	--	--	--
					Knox County						
410128090164301	07-29-86	150	140	1,650	6.90	-325	17.5	6.8	3.1	380	9.0
	07-29-86	155	140	1,650	6.90	-325	17.5	7.2	3.3	370	9.3
410131090212201	07-31-86	100	86	1,350	7.00	-347	16.5	5.7	2.6	310	7.7
410158090060501	07-28-86	120	110	2,000	7.40	-284	18.5	14	6.4	550	12
410422090133001	07-29-86	--	140	1,350	6.20	-329	17.5	8.5	3.8	320	7.4
410647090094901	07-31-86	265	170	1,380	7.70	-361	17.0	8.9	4.2	320	7.5
					Lake County						
413152088021702	04-09-87	10	E130	--	--	--	--	160	100	65	6.2
420932087551501	09-24-85	90	--	785	7.80	-174	12.0	30	26	110	2.6
420946087555401	02-26-87	145	E80	--	--	--	--	55	42	110	2.5
420947087561801	02-26-87	13	475	--	--	--	--	73	53	100	2.4
420953087554101	02-26-87	55	E95	--	--	--	--	68	51	110	2.6
420953087554201	02-26-87	105	E90	1,180	8.00	-194	11.0	73	57	110	2.7
421002088042001	03-30-87	5	E15	--	--	--	--	71	46	53	2.0
421007087551001	02-20-87	180	50	1,070	7.90	-190	10.5	58	44	110	2.9
421007087551002	02-20-87	210	150	1,120	7.90	-179	10.5	62	48	110	2.6
	02-20-87	225	150	1,120	7.90	-179	10.5	63	47	110	2.7
421116088051001	03-30-87	5	E25	--	--	--	--	170	97	110	4.8
421220088051501	03-31-87	10	--	--	--	--	--	61	61	33	2.3
	03-31-87	20	--	--	--	--	--	60	59	32	2.5
421243088051501	03-31-87	7	E18	--	--	--	--	53	49	36	2.5
421251088030201	08-07-85	60	30	1,160	7.60	-152	13.5	91	64	80	2.4
421257088024901	01-21-87	8	20	--	--	--	--	130	77	100	1.8
421257088025701	01-21-87	10	30	--	--	--	--	140	78	110	1.8
421259088024501	01-21-87	5	20	--	--	--	--	110	3.0	94	1.7
421302088021901	01-22-87	5	22	--	--	--	--	120	82	100	1.9
421302088030801	01-21-87	10	20	--	--	--	--	120	69	99	1.6
421303088025001	01-21-87	--	30	--	--	--	--	130	79	100	1.9
421303088052101	01-15-87	--	E20	--	--	--	--	61	59	18	1.4
421304088024101	01-21-87	5	15	--	--	--	--	89	58	84	1.6
421304088024501	01-21-87	5	20	--	--	--	--	88	57	84	1.7
421304088031301	01-21-87	10	20	--	--	--	--	98	61	87	1.5

E Estimated.

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				Kane County--Continued							
	09-30-86	259	259	48	1.1	0.9	--	319	<0.100	0.440	0.040
414604088162401	09-24-86	278	278	55	<1.0	.9	--	370	<.100	.350	.540
414614088171701	09-12-86	--	281	130	31	1.3	--	567	.520	<.100	.520
	09-12-86	--	279	140	31	1.3	--	595	.520	<.100	.520
414617088171201	09-12-86	292	292	140	21	1.0	--	606	.390	.260	.520
414619088171601	09-12-86	309	309	180	12	.7	--	586	.110	.200	.530
415636088182901	11-07-86	--	318	73	47	.1	--	496	<.100	<.100	<.010
420524088211801	10-17-86	--	474	<10	3.4	.4	16	442	<.100	11.0	.120
420726088160801	06-25-86	322	322	76	25	.3	--	514	<.100	.120	.480
420754088161401	06-25-86	330	330	45	15	.5	--	465	<.100	.140	.020
				Kankakee County							
410127087425201	03-12-85	222	214	180	11	.3	11	472	<.100	.750	.580
	03-12-85	222	209	180	11	.3	11	473	<.100	.740	.550
410250088102701	05-30-85	349	331	54	26	.7	7.5	489	<.100	.340	<.010
410250088102702	05-30-85	348	229	100	20	.6	8.6	430	<.100	.540	.010
410325088022301	10-12-85	--	--	--	--	--	--	--	--	--	--
410329088021501	05-30-85	290	277	280	3.1	.3	9.0	703	<.100	1.10	<.010
410508087475601	05-31-85	284	267	70	13	.5	8.0	435	<.100	.240	<.010
410658087570501	05-24-85	256	253	44	18	.3	13	332	<.100	.410	.010
410716087475701	05-23-85	347	354	170	8.6	.6	7.5	580	<.100	.640	.010
410735087435001	05-29-85	240	336	10	14	.5	9.4	405	<.100	.470	<.010
410813087545001	05-24-85	266	360	290	3.6	.5	8.4	739	<.100	.450	<.010
410919087393201	03-12-85	308	290	78	39	.5	7.6	472	<.100	.750	<.010
	06-04-85	--	--	--	--	--	--	--	--	--	--
410943087395001	05-01-87	--	313	76	48	.2	7.9	482	1.70	<.100	<.010
410943087395002	05-01-87	--	307	85	42	.3	7.9	501	.480	<.100	<.010
	05-01-87	--	314	87	42	.3	7.9	504	.440	<.100	<.010
411429087383701	06-05-85	354	338	75	3.9	.2	16	468	<.100	.320	.040
411441087501901	04-24-87	--	326	150	71	.3	8.1	718	2.90	<.100	<.010
411448087500001	04-24-87	--	339	160	47	.3	8.2	617	.870	<.100	<.010
411453087503101	04-24-87	--	328	150	62	.3	8.5	651	.450	<.100	<.010

411626087491401	04-21-87	--	320	80	45	.5	10	525	<.100	.300	<.010
411626087491402	04-21-87	--	336	72	170	3.4	11	674	<.100	.350	<.010
411628087491401	04-21-87	--	--	--	--	--	--	--	--	--	--

Knox County

410128090164301	07-29-86	576	576	56	200	2.2	--	1,020	<.100	.750	<.010
	07-29-86	576	576	56	190	2.1	--	985	<.100	.740	<.010
410131090212201	07-31-86	576	576	31	110	2.1	--	937	<.100	.680	<.010
410158090060501	07-28-86	534	534	130	430	1.9	8.8	1,380	<.100	.920	<.010
410422090133001	07-29-86	540	540	54	110	2.2	--	847	<.100	.610	<.010
410647090094901	07-31-86	548	548	42	130	2.3	--	894	<.100	1.00	<.010

Lake County

413152088021702	04-09-87	--	402	370	57	.3	11	1,020	.320	<.100	<.010
420932087551501	09-24-85	166	164	240	17	.5	11	521	<.100	.340	<.010
420946087555401	02-26-87	--	123	460	7.1	.5	11	820	<.100	.440	<.010
420947087561801	02-26-87	--	114	540	6.6	.5	12	780	<.100	.520	<.010
420953087554101	02-26-87	--	125	510	7.9	.5	12	792	<.100	.490	<.010
420953087554201	02-26-87	--	113	590	6.3	.5	13	962	<.100	.530	<.010
421002088042001	03-30-87	--	189	290	2.2	.7	21	613	<.100	.500	<.010
421007087551001	02-20-87	--	125	460	9.6	.5	13	748	<.100	.420	<.010
421007087551002	02-20-87	--	122	500	9.0	.5	13	802	<.100	.460	<.010
	02-20-87	--	124	490	8.7	.5	13	786	<.100	.470	<.010
421116088051001	03-30-87	--	102	860	4.4	.6	16	1,260	<.100	.680	<.010
421220088051501	03-31-87	--	315	120	1.4	.7	30	467	<.100	.360	<.010
	03-31-87	--	322	120	1.0	.7	30	449	<.100	.360	<.010
421243088051501	03-31-87	--	288	13	<1.0	.7	26	432	<.100	.340	<.010
421251088030201	08-07-85	140	142	510	3.1	.7	20	1,460	<.100	.620	.010
421257088024901	01-21-87	--	127	720	3.0	.8	19	1,130	<.100	.670	<.010
421257088025701	01-21-87	--	122	770	3.5	.7	19	1,190	<.100	.660	<.010
421259088024501	01-21-87	--	136	640	3.3	.7	18	1,010	<.100	.590	<.010
421302088021901	01-22-87	--	114	740	3.6	.7	18	1,140	<.100	.680	<.010
421302088030801	01-21-87	--	128	660	3.1	.7	16	1,040	<.100	.590	<.010
421303088025001	01-21-87	--	126	740	3.4	.7	18	1,130	.250	.340	<.010
421303088052101	01-15-87	--	356	100	1.0	.6	--	610	<.100	.360	<.010
421304088024101	01-21-87	--	148	490	2.5	.7	18	822	<.100	.460	<.010
421304088024501	01-21-87	--	154	490	2.7	.7	18	826	<.100	.500	<.010
421304088031301	01-21-87	--	145	540	2.5	.7	17	902	<.100	.530	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Kane County--Continued							
	09-30-86	<50	4	60	<0.5	440	<3	<5	<5	87	4,500
414604088162401	09-24-86	<50	1	50	<.5	450	<3	<5	<5	<5	420
414614088171701	09-12-86	<50	<1	20	<.5	740	<3	<5	<5	<5	120
	09-12-86	<50	<1	20	<.5	760	<3	<5	<5	<5	120
414617088171201	09-12-86	<50	<1	20	<.5	540	<3	<5	<5	<5	<50
414619088171601	09-12-86	<50	<1	20	<.5	420	<3	<5	<5	<5	100
415636088182901	11-07-86	80	<1	40	<.5	<50	<3	<5	<5	7	190
420524088211801	10-17-86	<50	35	100	<.5	230	<3	<5	<5	<5	3,700
420726088160801	06-25-86	<50	2	90	<2.0	100	<3	<5	<5	<5	1,000
420754088161401	06-25-86	90	2	100	<2.0	70	<3	<5	<5	<5	1,600
				Kankakee County							
410127087425201	03-12-85	<50	1	30	<.5	450	<3	<5	<5	<5	1,500
	03-12-85	<50	2	30	<.5	450	<3	<5	<5	<5	1,500
410250088102701	05-30-85	<50	1	30	<.5	1,000	<3	<5	<5	<5	380
410250088102702	05-30-85	<50	<1	9	<.5	780	<3	<5	<5	<5	540
410325088022301	10-12-85	--	--	--	--	--	--	--	--	--	--
410329088021501	05-30-85	<50	<1	20	<.5	690	<3	<5	<5	<5	850
410508087475601	05-31-85	<50	<1	20	<.5	540	<3	<5	<5	<5	410
410658087570501	05-24-85	<50	<1	20	<.5	1,400	<3	<5	<5	<5	910
410716087475701	05-23-85	<50	<1	8	<.5	1,300	<3	<5	<5	<5	150
410735087435001	05-29-85	<50	<1	30	<.5	720	<3	<5	<5	<5	270
410813087545001	05-24-85	<50	<1	20	<.5	910	<3	<5	<5	<5	<50
410919087393201	03-12-85	<50	<1	10	<.5	320	<3	<5	<5	<5	180
	06-04-85	--	--	--	--	--	--	--	--	--	--
410943087395001	05-01-87	60	<1	30	<.5	120	<3	<5	5	<5	<50
410943087395002	05-01-87	<50	<1	30	<.5	220	<3	<5	7	<5	50
	05-01-87	<50	<1	30	<.5	230	<3	<5	7	<5	70
411429087383701	06-05-85	<50	11	90	<.5	80	<3	<5	<5	<5	1,700
411441087501901	04-24-87	<50	<1	40	<.5	110	<3	<5	10	9	<50
411448087500001	04-24-87	<50	<1	20	<.5	340	<3	<5	10	<5	<50
411453087503101	04-24-87	50	<1	20	<.5	170	3	<5	10	<5	<50

411626087491401	04-21-87	<50	2	<5	<.5	550	<3	<5	<5	<5	300
411626087491402	04-21-87	<50	3	6	<.5	450	<3	<5	<5	<5	1,500
411628087491401	04-21-87	--	--	--	--	--	--	--	--	--	--

Knox County

410128090164301	07-29-86	<50	<1	20	<1.0	1,100	<3	<5	<5	<5	<50
	07-29-86	<50	<1	20	<.5	1,100	<3	<5	<5	<5	<50
410131090212201	07-31-86	<50	<1	30	<1.0	1,000	<3	<5	<5	<5	<50
410158090060501	07-28-86	<50	<1	50	<1.0	1,200	<3	7	<5	<5	<50
410422090133001	07-29-86	<50	<1	30	<.5	990	<3	<5	<5	<5	100
410647090094901	07-31-86	<50	<1	80	<.5	1,000	<3	<5	<5	<5	<50

Lake County

413152088021702	04-09-87	100	<1	40	<.5	610	<3	<5	<5	<5	<50
420932087551501	09-24-85	<50	<1	10	<.5	1,000	<3	<5	<5	<5	70
420946087555401	02-26-87	<50	<1	9	<.5	850	<3	<5	<5	<5	150
420947087561801	02-26-87	60	<1	10	<.5	780	<3	<5	<5	<5	220
420953087554101	02-26-87	60	<1	9	<.5	910	<3	<5	<5	<5	200
420953087554201	02-26-87	<50	<1	9	<.5	800	<3	<5	<5	<5	260.
421002088042001	03-30-87	<50	<1	<5	<.5	580	<3	<5	<5	<5	370
421007087551001	02-20-87	60	<1	7	<.5	930	<3	<5	<5	7	130
421007087551002	02-20-87	80	<1	7	<.5	810	<3	<5	<5	6	270
	02-20-87	60	<1	7	<.5	910	<3	<5	<5	9	270
421116088051001	03-30-87	240	<1	10	<.5	820	<3	6	20	8	630
421220088051501	03-31-87	130	<1	30	<.5	550	<3	<5	8	<5	310
	03-31-87	240	<1	30	<2.0	560	9	<5	30	18	310
421243088051501	03-31-87	250	<1	40	<2.0	620	11	26	30	19	300
421251088030201	08-07-85	<50	<1	10	<.5	460	<3	<5	<5	<5	760
421257088024901	01-21-87	80	<1	5	<.5	540	<3	<5	9	<5	290
421257088025701	01-21-87	80	<1	<5	<.5	540	<3	<5	9	<5	460
421259088024501	01-21-87	70	<1	7	<.5	570	<3	<5	7	<5	530
421302088021901	01-22-87	90	<1	6	<.5	550	<3	<5	9	<5	280
421302088030801	01-21-87	70	<1	8	<.5	580	<3	<5	9	<5	600
421303088025001	01-21-87	90	<1	6	<.5	540	<3	<5	10	18	60
421303088052101	01-15-87	60	<1	50	<.5	260	<3	<5	5	<5	190
421304088024101	01-21-87	60	<1	7	<.5	590	<3	<5	8	<5	250
421304088024501	01-21-87	90	<1	8	<.5	600	<3	<5	7	<5	460
421304088031301	01-21-87	70	<1	10	<.5	560	<3	<5	7	<5	290

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Kane County--Continued							
	09-30-86	10	29	0.08	<5	<1	<3	820	<5	600	<0.010
414604088162401	09-24-86	<5	10	<.05	<5	<1	<3	890	<5	<50	<.010
414614088171701	09-12-86	<5	11	<.05	<5	<1	<3	1,500	<5	300	<.010
	09-12-86	<5	11	<.05	<5	<1	<3	1,500	<5	300	<.010
414617088171201	09-12-86	<5	<5	<.05	<5	<1	<3	1,700	<5	960	<.010
414619088171601	09-12-86	<5	34	<.05	<5	<1	<3	1,000	<5	2,400	<.010
415636088182901	11-07-86	<5	<5	<.05	<5	<1	<3	110	<5	<50	<.010
420524088211801	10-17-86	<5	19	<.05	<5	1	<3	1,100	<5	<50	<.010
420726088160801	06-25-86	<5	40	<.01	<5	<1	<3	220	<5	<50	<.010
420754088161401	06-25-86	<5	32	.07	<5	<1	<3	520	<5	<100	<.010
				Kankakee County							
410127087425201	03-12-85	<5	14	<.01	<5	<1	<3	1,300	<5	<50	<.010
	03-12-85	<5	14	<.10	<5	<1	<3	1,300	<5	<50	<.010
410250088102701	05-30-85	<5	19	<.01	<5	1	<3	410	<5	<50	<.010
410250088102702	05-30-85	<5	27	<.01	<5	<1	<3	570	<5	<50	<.010
410325088022301	10-12-85	--	--	--	--	--	--	--	--	--	--
410329088021501	05-30-85	<5	23	<.01	<5	<1	<3	910	<5	<50	<.010
410508087475601	05-31-85	<5	8	<.01	<5	<1	<3	460	<5	<50	<.010
410658087570501	05-24-85	<5	15	<.01	<5	1	<3	190	<5	<50	<.010
410716087475701	05-23-85	<5	6	<.01	<5	1	<3	1,100	<5	<50	<.010
410735087435001	05-29-85	<5	6	<.01	<5	<1	<3	310	<5	<50	<.010
410813087545001	05-24-85	<5	<5	<.01	<5	1	<3	1,500	<5	<50	<.010
410919087393201	03-12-85	<5	18	<.10	9	<1	<3	210	<5	<50	<.010
	06-04-85	--	--	--	--	--	--	--	--	--	--
410943087395001	05-01-87	<5	<5	<.05	5	<1	<3	130	<5	<50	<.010
410943087395002	05-01-87	<5	110	<.05	9	<1	<3	190	<5	<50	<.010
	05-01-87	<5	120	<.05	11	<1	<3	200	<5	<50	<.010
411429087383701	06-05-85	<5	32	<.01	<5	2	<3	250	<5	<50	<.010
411441087501901	04-24-87	<5	<5	<.05	<5	<1	<3	200	<5	<50	<.010
411448087500001	04-24-87	<5	9	<.05	<5	<1	<3	340	<5	<50	<.010
411453087503101	04-24-87	<5	11	<.05	12	<1	<3	270	<5	<50	<.010

411626087491401	04-21-87	<5	7	<.05	<5	<1	<3	380	<5	<50	<.010
411626087491402	04-21-87	<5	14	<.05	<5	<1	<3	410	<5	<50	<.010
411628087491401	04-21-87	--	--	--	--	--	--	--	--	--	--

Knox County

410128090164301	07-29-86	<5	<5	.05	<5	<1	<3	280	<5	<50	<.010
	07-29-86	<5	<5	.05	20	<1	7	290	5	<50	<.010
410131090212201	07-31-86	<5	<5	.08	<5	<1	<3	220	<5	<50	<.010
410158090060501	07-28-86	<5	<5	<.01	8	<1	<3	530	<5	<50	<.010
410422090133001	07-29-86	<5	<5	<.01	<5	<1	<3	260	<5	<50	<.010
410647090094901	07-31-86	<5	<5	.08	<5	<1	<3	290	<5	<50	<.010

Lake County

413152088021702	04-09-87	<5	19	<.05	<5	<1	<3	470	<5	<50	<.010
420932087551501	09-24-85	<5	<5	<.01	<5	<1	<3	1,000	<5	<50	<.010
420946087555401	02-26-87	<5	<5	<.05	<5	<1	<3	1,700	<5	<50	<.010
420947087561801	02-26-87	<5	8	<.05	<5	<1	<3	2,100	<5	<50	<.010
420953087554101	02-26-87	<5	7	.06	<5	<1	<3	2,000	<5	<50	<.010
420953087554201	02-26-87	<5	6	<.05	<5	<1	<3	2,300	<5	<50	<.010
421002088042001	03-30-87	9	9	--	<5	<1	<3	1,800	<5	<50	<.010
421007087551001	02-20-87	<5	<5	<.05	<5	<1	<3	1,900	<5	<50	<.010
421007087551002	02-20-87	<5	8	<.05	<5	<1	<3	2,000	<5	<50	.010
	02-20-87	<5	8	<.05	<5	<1	<3	2,000	<5	<50	<.010
421116088051001	03-30-87	<5	15	<.05	16	<1	8	3,600	14	<50	<.010
421220088051501	03-31-87	<5	8	<.05	9	<1	<3	2,200	5	120	<.010
	03-31-87	<5	10	<.05	41	<1	23	2,100	24	110	<.010
421243088051501	03-31-87	<5	9	<.05	49	<1	27	1,700	27	<50	<.010
421251088030201	08-07-85	<5	12	.09	<5	2	<3	2,800	<5	140	<.010
421257088024901	01-21-87	<5	15	<.05	<5	<1	<3	3,100	<5	<50	<.010
421257088025701	01-21-87	<5	18	<.05	<5	<1	<3	3,200	<5	<50	<.010
421259088024501	01-21-87	<5	17	<.05	<5	<1	<3	2,700	<5	<50	<.010
421302088021901	01-22-87	<5	14	<.05	<5	<1	<3	3,200	5	<50	<.010
421302088030801	01-21-87	<5	20	<.05	<5	<1	<3	2,900	<5	<100	<.010
421303088025001	01-21-87	<5	18	<.05	<5	<1	3	3,200	5	<50	<.010
421303088052101	01-15-87	<5	<5	<.05	<5	<1	<3	1,400	<5	<100	<.010
421304088024101	01-21-87	<5	11	<.05	<5	<1	<3	2,300	<5	<50	<.010
421304088024501	01-21-87	<5	20	<.05	<5	<1	<3	2,300	<5	350	<.010
421304088031301	01-21-87	<5	14	<.05	<5	<1	<3	2,500	<5	<50	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Kane County--Continued					
	09-30-86	<5	--	--	--	--	--	--	--	--
414604088162401	09-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414614088171701	09-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-12-86	<5	--	--	--	--	--	--	--	--
414617088171201	09-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414619088171601	09-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415636088182901	11-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420524088211801	10-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420726088160801	06-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420754088161401	06-25-86	<5	1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
					Kankakee County					
410127087425201	03-12-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	03-12-85	<5	--	--	--	--	--	--	--	--
410250088102701	05-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
410250088102702	05-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
410325088022301	10-12-85	--	--	--	--	--	--	--	--	--
410329088021501	05-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
410508087475601	05-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410658087570501	05-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
410716087475701	05-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
410735087435001	05-29-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
410813087545001	05-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
410919087393201	03-12-85	<5	<1.0	<1.0	<1.0	<1.0	1.0	5.0	62	--
	06-04-85	--	<1.0	<1.0	<1.0	<1.0	202	7.1	97	--
410943087395001	05-01-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.0	<1.0
410943087395002	05-01-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	<1.0
	05-01-87	<5	--	--	--	--	--	--	--	--
411429087383701	06-05-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
411441087501901	04-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411448087500001	04-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411453087503101	04-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

411626087491401	04-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411626087491402	04-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411628087491401	04-21-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Knox County

410128090164301	07-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-29-86	<5	--	--	--	--	--	--	--	--
410131090212201	07-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410158090060501	07-28-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410422090133001	07-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410647090094901	07-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Lake County

413152088021702	04-09-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420932087551501	09-24-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420946087555401	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420947087561801	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420953087554101	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420953087554201	02-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421002088042001	03-30-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421007087551001	02-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421007087551002	02-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421116088051001	03-30-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421220088051501	03-31-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-31-87	<5	--	--	--	--	--	--	--	--
421243088051501	03-31-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421251088030201	08-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421257088024901	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421257088025701	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421259088024501	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421302088021901	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421302088030801	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421303088025001	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421303088052101	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421304088024101	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421304088024501	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421304088031301	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Kane County--Continued						
	09-30-86	--	--	--	--	--	--	--	--	--
414604088162401	09-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414614088171701	09-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-12-86	--	--	--	--	--	--	--	--	--
414617088171201	09-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414619088171601	09-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415636088182901	11-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420524088211801	10-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420726088160801	06-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420754088161401	06-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				Kankakee County						
410127087425201	03-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-12-85	--	--	--	--	--	--	--	--	--
410250088102701	05-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410250088102702	05-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410325088022301	10-12-85	--	--	--	--	--	--	--	--	--
410329088021501	05-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410508087475601	05-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410658087570501	05-24-85	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410716087475701	05-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410735087435001	05-29-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410813087545001	05-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410919087393201	03-12-85	<1.0	1.0	<1.0	<1.0	<1.0	13	<1.0	<1.0	<1.0
	06-04-85	<1.0	<1.0	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	<1.0
410943087395001	05-01-87	<1.0	6.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410943087395002	05-01-87	<1.0	2.0	<1.0	<1.0	2.0	<1.0	29	<1.0	<1.0
	05-01-87	--	--	--	--	--	--	--	--	--
411429087383701	06-05-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411441087501901	04-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411448087500001	04-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411453087503101	04-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

411626087491401	04-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411626087491402	04-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411628087491401	04-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Knox County

410128090164301	07-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-29-86	--	--	--	--	--	--	--	--	--
410131090212201	07-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410158090060501	07-28-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410422090133001	07-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410647090094901	07-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Lake County

413152088021702	04-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420932087551501	09-24-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420946087555401	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420947087561801	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420953087554101	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420953087554201	02-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421002088042001	03-30-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421007087551001	02-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421007087551002	02-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421116088051001	03-30-87	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421220088051501	03-31-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-31-87	--	--	--	--	--	--	--	--	--
421243088051501	03-31-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421251088030201	08-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421257088024901	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421257088025701	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421259088024501	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421302088021901	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421302088030801	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421303088025001	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421303088052101	01-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421304088024101	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421304088024501	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421304088031301	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Lake County--Continued			
421304088054001	01-15-87	1130	Acorn Acres Subdivision Well No. 5	17002	17002	--
421305088023001	01-22-87	1040	Hawthorn Woods Well No. 1G	17002	17002	--
421309088021501	01-22-87	1000	Hawthorn Woods Well No. 4G	17002	17002	--
421309088050001	01-15-87	1000	Acorn Acres Subdivision Well No. 1	17002	17002	--
421310088022101	01-22-87	1055	Hawthorn Woods Well No. 3G	17002	17002	--
421310088053701	01-15-87	1105	Acorn Acres Subdivision Well No. 4	17002	17002	--
421311088030001	01-21-87	1140	Hawthorn Woods Well No. 12	17002	17002	--
421313088020901	01-22-87	1015	Hawthorn Woods Well No. 6G	17002	17002	--
421313088021901	01-22-87	1115	Hawthorn Woods Well No. 5G	17002	17002	--
421314088023001	01-21-87	0940	Hawthorn Woods Well No. 9	17002	17002	--
421314088051101	01-15-87	1030	Acorn Acres Subdivision Well No. 2	17002	17002	--
421314088055901	01-15-87	0930	Acorn Acres Subdivision Well No. 8	17002	17002	--
421315088023801	01-21-87	1000	Hawthorn Woods Well No. 10	17002	17002	--
421315088052801	01-15-87	1050	Acorn Acres Subdivision Well No. 3	17002	17002	--
421315088054801	01-15-87	0912	Acorn Acres Subdivision Well No. 7	17002	17002	--
421318088030401	01-21-87	1200	Hawthorn Woods Well No. 11	17002	17002	--
421320088022101	01-22-87	1135	Hawthorn Woods Well No. 8G	17002	17002	--
421325088061701	01-09-87	1050	Mt. St. Joseph Sheltered Care Home Well No. 3	17002	17002	--
421326088063101	01-09-87	1115	Mt. St. Joseph Sheltered Care Home Well No. 1	17002	17002	--
421326088063801	01-09-87	1130	Mt. St. Joseph Sheltered Care Home Well No. 2	17002	17002	--
421331088020701	01-22-87	0945	Hawthorn Woods Well No. 7G	17002	17002	--
421337088062101	08-21-85	1410	Valentine Manor Subd. Water Service Co. Well No. 1	17002	17002	--
421422088000301	02-20-87	1030	Towner Subdivision Well No. 3	17002	17002	--
421433088002701	03-31-87	1000	Pauls Mobile Home Park Well No. 1	17002	17002	--
421434088002101	03-20-87	1435	Diamond Lake Mobile Home Park Well No. 2	17002	17002	--
421435088002101	03-20-87	1425	Diamond Lake Mobile Home Park Well No. 1	17002	17002	--
421438088030701	02-19-87	1430	Sylvan Lake First Subdivision Well No. 1	17002	17002	--
421438088030702	02-19-87	1500	Sylvan Lake First Subdivision Well No. 2	17002	17002	--
421439088023701	02-19-87	1605	Sylvan Lake 2nd and 3rd Subdivision Well No. 1	17002	17002	--
421443088024801	02-19-87	1550	Sylvan Lake 2nd and 3rd Subdivision Well No. 2	17002	17002	--

421451088021401	02-25-87	1130	Countryside Lake Subdivision Well No. 2	17002	17002	--
421513088010201	07-29-86	1405	West Shoreland Well No. 2	17002	17002	--
421513088010301	07-29-86	1435	West Shoreland Well No. 1	17002	17002	--
421531088084401	09-18-85	0955	Wauconda Well No. 3	17002	17002	131.00
421537088082101	02-26-85	1240	Wauconda Well No. 2	81700	17002	82.00
421537088082101	12-17-86	1205	Wauconda Well No. 2	81700	81700	89.00
421537088082701	03-24-87	1015	Wauconda Well No. 1	17002	17002	66.00
421545088024501	02-25-87	1150	Countryside Lake Subdivision Well No. 1	17002	17002	--
421634088003301	03-27-85	1045	Mundelein Well No. 3	81700	17002	--
421635088003401	12-17-86	1200	Mundelein Well No. 4	17002	17002	--
421717087593701	09-17-85	1400	Libertyville Well No. 10	17002	17002	--
	03-12-86	1105	Libertyville Well No. 10	17002	17002	171.00
421718087570201	06-25-85	1100	Libertyville Well No. 8	17002	17002	145.00
421724087571101	06-25-85	1500	Libertyville Well No. 5	17002	17002	64.00
	03-12-86	1000	Libertyville Well No. 5	17002	17002	110.00
421730087570001	06-25-85	1350	Libertyville Well No. 4	17002	17002	108.00
421803087554801	08-07-85	1355	Countryside Manor Subdivision Well No. 2	17002	17002	--
422009088063901	03-30-87	0940	Chain-O-Lakes Mobile Home Park Well No. 1	17002	17002	--
422045087530201	03-27-87	0950	Colonial Park Apartments Well No. 1	17002	17002	--
422050088044901	01-07-87	1040	Round Lake Park Well No. 3	17002	17002	--
422053088031501	08-06-85	1535	Grayslake Well No. 3	17002	17002	171.00
422103087531001	03-13-87	1055	Park City Mobile Home Park Well No. 2	17002	17002	--
422111088052901	01-07-87	1325	Round Lake Well No. 1	17002	17002	--
422119088043701	07-31-85	1110	Round Lake Park Well No. 2	17002	17002	30.00
422120088053801	08-06-85	1415	Round Lake Well No. 2	17002	17002	59.00
422121088043901	07-31-85	1000	Round Lake Park Well No. 1	17002	17002	153.00
422130088035601	02-24-87	1145	Highland Lake Subdivision Well No. 3	17002	17002	--
422147088040101	02-24-87	1200	Highland Lake Subdivision Well No. 2	17002	17002	--
422153088062001	12-16-86	1215	Round Lake Beach Well No. 5	17002	17002	--
422218088042301	12-16-86	1425	Round Lake Beach Well No. 3	17002	17002	--
422219088040601	02-27-85	1610	Round Lake Beach Well No. 4	81700	17002	90.00
422410087541801	08-19-85	1325	Countryside Estates Well No. 2	17002	17002	--
422506087492201	03-27-87	1110	Lake View Mobile Home Park Well No. 1	17002	17002	--
422537087543601	02-24-87	1310	Wadsworth Oaks Subdivision Well No. 1	17002	17002	--
422800087492601	04-08-87	1235	Holly Hock Hill Mobile Home Park Well No. 1	17002	17002	--

La Salle County

412952088402201	06-16-87	1125	Sheridan Correctional Center Well No. 2	17002	17002	--
413654088475601	04-14-87	1415	Leland Well No. 1	17002	17002	74.00
413654088475602	04-14-87	1335	Leland Well No. 2	17002	17002	94.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Lake County--Continued							
421304088054001	01-15-87	--	E20	--	--	--	--	30	31	36	1.4
421305088023001	01-22-87	7	25	--	--	--	--	120	82	100	2.0
421309088021501	01-22-87	8	25	--	--	--	--	120	83	110	1.9
421309088050001	01-15-87	--	E20	--	--	--	--	39	44	29	1.5
421310088022101	01-22-87	--	20	--	--	--	--	130	84	110	1.8
421310088053701	01-15-87	--	E20	--	--	--	--	50	47	25	1.3
421311088030001	01-21-87	--	20	--	--	--	--	66	50	68	1.4
421313088020901	01-22-87	10	20	--	--	--	--	130	84	110	1.8
421313088021901	01-22-87	--	35	--	--	--	--	120	80	110	1.9
421314088023001	01-21-87	5	20	--	--	--	--	88	57	82	1.5
421314088051101	01-15-87	--	E20	--	--	--	--	45	52	23	1.0
421314088055901	01-15-87	--	E20	--	--	--	--	45	41	29	1.2
421315088023801	01-21-87	--	20	--	--	--	--	58	46	57	1.3
421315088052801	01-15-87	--	E20	--	--	--	--	44	50	24	1.2
421315088054801	01-15-87	--	E20	--	--	--	--	42	42	29	1.4
421318088030401	01-21-87	--	--	--	--	--	--	67	50	67	1.4
421320088022101	01-22-87	--	21	--	--	--	--	94	65	90	1.7
421325088061701	01-09-87	--	E85	--	--	--	--	50	51	20	1.2
421326088063101	01-09-87	5	E100	--	--	--	--	70	59	14	1.1
421326088063801	01-09-87	--	E75	--	--	--	--	70	60	14	1.1
421331088020701	01-22-87	5	21	--	--	--	--	79	61	87	1.9
421337088062101	08-21-85	60	150	685	7.20	-134	12.5	64	57	15	1.7
421422088000301	02-20-87	35	45	--	--	--	--	39	37	91	2.1
421433088002701	03-31-87	9	E20	--	--	--	--	61	50	98	2.6
421434088002101	03-20-87	22	E10	--	--	--	--	69	53	83	3.0
421435088002101	03-20-87	12	E14	--	--	--	--	71	54	82	3.0
421438088030701	02-19-87	20	E50	--	--	--	--	79	59	71	2.0
421438088030702	02-19-87	22	E40	--	--	--	--	76	63	69	1.7
421439088023701	02-19-87	8	60	--	--	--	--	61	48	57	1.7
421443088024801	02-19-87	10	90	--	--	--	--	63	48	61	1.7

421451088021401	02-25-87	180	100	--	--	--	--	53	41	66	1.4
421513088010201	07-29-86	25	53	--	--	--	--	55	45	97	2.3
421513088010301	07-29-86	27	49	--	--	--	--	56	45	96	2.2
421531088084401	09-18-85	210	420	660	7.40	-149	13.5	69	50	6.9	1.5
421537088082101	02-26-85	>340	280	675	7.30	-160	12.5	72	49	8.3	1.4
421537088082101	12-17-86	60	400	700	7.15	-92	12.0	74	50	6.1	.9
421537088082701	03-24-87	90	200	680	7.50	-144	11.5	78	50	6.5	1.3
421545088024501	02-25-87	200	130	--	--	--	--	43	38	36	1.3
421634088003301	03-27-85	70	190	616	7.60	-116	12.5	41	38	44	1.8
421635088003401	12-17-86	220	130	--	--	--	--	43	37	38	1.3
421717087593701	09-17-85	30	550	--	--	--	--	85	43	77	2.7
	03-12-86	185	475	--	7.60	-108	10.0	79	39	69	2.5
421718087570201	06-25-85	120	66	985	7.50	-166	13.0	88	57	54	1.4
421724087571101	06-25-85	300	550	970	7.50	-167	13.0	87	56	60	1.5
	03-12-86	--	510	--	7.60	-145	12.0	--	--	--	--
421730087570001	06-25-85	180	--	960	7.60	-169	12.0	78	52	70	1.6
421803087554801	08-07-85	120	115	1,080	7.50	-148	12.0	83	55	78	2.1
422009088063901	03-30-87	5	E20	--	--	--	--	30	24	66	2.8
422045087530201	03-27-87	170	E80	--	--	--	--	96	22	42	10
422050088044901	01-07-87	160	480	590	8.00	-109	11.5	32	22	65	1.0
422053088031501	08-06-85	480	460	650	8.00	-173	12.5	31	22	76	1.8
422103087531001	03-13-87	15	50	--	--	--	--	89	35	44	10
422111088052901	01-07-87	385	145	--	--	--	--	29	20	62	1.0
422119088043701	07-31-85	180	110	665	7.50	-98	13.0	42	32	59	1.8
422120088053801	08-06-85	90	300	535	8.00	-185	12.5	28	21	59	1.4
422121088043901	07-31-85	150	166	660	7.50	-110	13.0	42	32	58	1.8
422130088035601	02-24-87	12	100	--	--	--	--	35	32	54	1.4
422147088040101	02-24-87	27	50	--	--	--	--	27	24	57	1.4
422153088062001	12-16-86	15	350	565	7.80	-141	11.0	31	26	55	1.2
422218088042301	12-16-86	45	200	615	7.90	-167	11.5	28	29	63	1.1
422219088040601	02-27-85	115	180	545	7.00	-186	12.0	23	20	80	1.9
422410087541801	08-19-85	60	15	675	8.30	-215	12.5	21	14	100	1.7
422506087492201	03-27-87	15	140	--	--	--	--	96	20	100	11
422537087543601	02-24-87	20	25	--	--	--	--	8.1	6.2	87	1.3
422800087492601	04-08-87	5	E20	--	--	--	--	21	14	57	.7
					La Salle County						
412952088402201	06-16-87	--	--	--	--	--	--	83	33	11	2.5
413654088475601	04-14-87	152	E110	550	7.30	-209	12.5	72	33	12	1.5
413654088475602	04-14-87	E155	120	565	7.20	-187	12.5	70	31	9.7	1.3

E Estimated.

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Lake County--Continued						
421304088054001	01-15-87	--	236	65	1.9	0.8	--	379	0.170	0.160	<0.010
421305088023001	01-22-87	--	102	760	5.6	.7	22	1,150	.110	.560	.530
421309088021501	01-22-87	--	115	760	4.4	.6	15	1,180	<.100	.740	<.010
421309088050001	01-15-87	--	290	71	1.1	.7	--	470	.400	<.100	<.010
421310088022101	01-22-87	--	103	800	4.1	.6	16	1,190	<.100	.790	<.010
421310088053701	01-15-87	--	314	80	1.2	.7	--	417	<.100	.350	<.010
421311088030001	01-21-87	--	181	350	1.8	.7	20	654	<.100	.480	<.010
421313088020901	01-22-87	--	101	820	4.0	.6	15	1,170	<.100	.760	<.010
421313088021901	01-22-87	--	115	740	4.0	.6	16	1,120	<.100	.720	<.010
421314088023001	01-21-87	--	136	500	2.6	.7	17	833	<.100	.490	<.010
421314088051101	01-15-87	--	321	76	1.3	.7	--	416	<.100	.570	.010
421314088055901	01-15-87	--	297	64	<1.0	.7	--	339	<.100	.270	<.010
421315088023801	01-21-87	--	190	270	1.8	.7	21	609	<.100	.450	<.010
421315088052801	01-15-87	--	311	74	1.1	.7	--	440	<.100	.440	.010
421315088054801	01-15-87	--	288	71	1.5	.7	--	365	<.100	.360	<.010
421318088030401	01-21-87	--	180	350	1.8	.7	20	640	<.100	.470	.060
421320088022101	01-22-87	--	139	530	3.0	.6	17	859	.170	.340	.020
421325088061701	01-09-87	--	303	68	<1.0	.7	30	488	.180	.120	<.010
421326088063101	01-09-87	--	355	81	<1.0	.7	40	623	<.100	.210	.050
421326088063801	01-09-87	--	357	81	<1.0	.7	41	598	.390	<.100	<.010
421331088020701	01-22-87	--	144	490	3.7	.6	16	823	<.100	.510	<.010
421337088062101	08-21-85	353	338	76	1.0	.7	37	573	<.100	.400	.040
421422088000301	02-20-87	--	131	410	4.1	.6	15	708	<.100	.480	<.010
421433088002701	03-31-87	--	132	370	4.0	.6	18	633	<.100	.470	<.010
421434088002101	03-20-87	--	133	450	3.9	.7	19	701	<.100	.580	<.010
421435088002101	03-20-87	--	131	460	4.0	.7	19	711	<.100	.660	<.010
421438088030701	02-19-87	--	155	450	2.3	.7	19	767	<.100	.690	<.010
421438088030702	02-19-87	--	163	450	2.2	.7	20	771	<.100	.740	<.010
421439088023701	02-19-87	--	183	290	1.5	.8	21	592	<.100	.650	<.010
421443088024801	02-19-87	--	170	350	1.8	.7	19	495	<.100	.600	<.010

421451088021401	02-25-87	--	137	450	2.9	.7	18	770	<.100	.610	<.010
421513088010201	07-29-86	112	112	390	4.8	.6	--	710	<.100	.550	.010
421513088010301	07-29-86	114	114	390	4.8	.6	--	671	<.100	.670	<.010
421531088084401	09-18-85	388	376	25	3.7	.6	34	423	.110	.270	<.010
421537088082101	02-26-85	382	375	22	2.4	.5	29	448	<.100	.250	.020
421537088082101	12-17-86	--	386	21	2.8	.5	--	--	<.100	.210	.020
421537088082701	03-24-87	--	405	20	3.0	.5	31	404	<.100	.190	<.010
421545088024501	02-25-87	--	228	140	<1.0	.7	23	443	<.100	.360	<.010
421634088003301	03-27-85	196	196	150	2.4	.7	22	405	<.100	.270	.040
421635088003401	12-17-86	--	200	150	1.3	.8	22	--	<.100	.350	.020
421717087593701	09-17-85	--	124	370	12	.9	8.5	696	<.100	.200	.030
	03-12-86	137	147	330	18	.8	12	878	<.100	.220	<.010
421718087570201	06-25-85	216	212	350	22	.7	22	1,180	<.100	.410	<.010
421724087571101	06-25-85	197	197	350	20	.7	22	1,230	<.100	.460	<.010
	03-12-86	--	--	--	--	--	--	--	--	--	--
421730087570001	06-25-85	169	173	350	16	.7	21	1,150	<.100	.440	<.010
421803087554801	08-07-85	160	158	390	33	.6	20	1,320	<.100	.470	<.010
422009088063901	03-30-87	--	208	88	2.5	.9	14	333	<.100	.220	<.010
422045087530201	03-27-87	--	280	160	16	1.5	8.5	511	<.100	.120	<.010
422050088044901	01-07-87	--	158	160	2.4	1.0	13	444	<.100	.170	.010
422053088031501	08-06-85	141	140	200	3.0	.9	12	562	<.100	.300	<.010
422103087531001	03-13-87	--	236	170	18	1.2	9.7	543	<.100	.180	.350
422111088052901	01-07-87	--	167	140	2.2	1.0	13	533	.100	.210	<.010
422119088043701	07-31-85	196	209	190	3.2	.8	16	621	<.100	.360	<.010
422120088053801	08-06-85	176	171	110	2.4	1.0	14	380	<.100	.380	.010
422121088043901	07-31-85	196	208	190	3.5	.8	16	645	<.100	.340	<.010
422130088035601	02-24-87	--	204	150	2.0	.9	--	439	<.100	.300	<.010
422147088040101	02-24-87	--	203	100	2.3	1.0	--	381	<.100	.490	<.010
422153088062001	12-16-86	--	190	120	3.1	.9	17	260	.110	.290	<.010
422218088042301	12-16-86	--	206	140	4.6	1.0	17	314	<.100	.280	<.010
422219088040601	02-27-85	192	180	100	3.1	.9	15	365	<.100	.350	.010
422410087541801	08-19-85	98	97	240	8.2	.9	9.3	501	<.100	.210	.010
422506087492201	03-27-87	--	297	190	86	1.5	8.2	686	<.100	<.100	<.010
422537087543601	02-24-87	--	139	88	11	1.1	9.2	354	<.100	.150	<.010
422800087492601	04-08-87	--	154	42	6.7	1.0	15	253	<.100	.150	<.010
					La Salle County						
412952088402201	06-16-87	--	366	<10	<1.0	.3	9.0	356	<.100	1.40	.060
413654088475601	04-14-87	--	301	<10	1.0	.4	12	306	<.100	.600	.080
413654088475602	04-14-87	--	306	<10	<1.0	.3	12	309	<.100	.460	.060

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Lake County--Continued							
421304088054001	01-15-87	<50	<1	30	<0.5	570	<3	<5	<5	<5	100
421305088023001	01-22-87	110	<1	20	<.5	550	3	<5	20	760	45,000
421309088021501	01-22-87	90	<1	6	<.5	580	<3	<5	10	<5	160
421309088050001	01-15-87	<50	<1	40	<.5	470	<3	<5	<5	9	120
421310088022101	01-22-87	100	<1	6	<.5	600	<3	<5	9	<5	150
421310088053701	01-15-87	<50	1	50	<.5	390	<3	<5	5	<5	800
421311088030001	01-21-87	50	<1	6	<.5	520	<3	<5	6	<5	600
421313088020901	01-22-87	100	<1	6	<.5	590	<3	<5	10	<5	230
421313088021901	01-22-87	90	<1	6	<.5	600	<3	<5	10	<5	100
421314088023001	01-21-87	60	<1	7	<.5	610	<3	<5	6	<5	210
421314088051101	01-15-87	60	<1	70	<.5	310	<3	<5	5	<5	680
421314088055901	01-15-87	<50	<1	30	<.5	460	<3	<5	<5	<5	1,000
421315088023801	01-21-87	<50	<1	10	<.5	500	<3	<5	<5	<5	200
421315088052801	01-15-87	<50	<1	40	<.5	350	<3	<5	<5	<5	360
421315088054801	01-15-87	<50	<1	40	<.5	480	<3	<5	<5	<5	370
421318088030401	01-21-87	50	<1	8	<.5	520	<3	<5	6	5	6,000
421320088022101	01-22-87	70	<1	5	<.5	600	<3	<5	7	24	230
421325088061701	01-09-87	60	<1	40	<.5	250	<3	<5	<5	<5	480
421326088063101	01-09-87	70	<1	70	<.5	140	<3	<5	7	37	2,300
421326088063801	01-09-87	70	<1	60	<.5	140	<3	<5	6	13	900
421331088020701	01-22-87	70	<1	6	<.5	610	<3	<5	8	<5	180
421337088062101	08-21-85	<50	<1	60	<.5	200	<3	<5	<5	<5	590
421422088000301	02-20-87	<50	<1	10	<.5	690	<3	<5	<5	<5	120
421433088002701	03-31-87	130	<1	80	<.5	920	<3	<5	10	5	80
421434088002101	03-20-87	80	<1	30	<.5	620	<3	<5	6	<5	60
421435088002101	03-20-87	80	<1	20	<.5	600	<3	<5	<5	<5	70
421438088030701	02-19-87	90	<1	10	<.5	450	<3	<5	<5	<5	280
421438088030702	02-19-87	100	<1	20	<.5	370	<3	<5	<5	<5	150
421439088023701	02-19-87	<50	<1	10	<.5	460	<3	<5	<5	<5	170
421443088024801	02-19-87	60	<1	10	<.5	480	<3	<5	<5	<5	160

421451088021401	02-25-87	50	<1	8	<.5	390	<3	<5	5	<5	110
421513088010201	07-29-86	<50	<1	10	<2.0	570	<3	<5	<5	<5	<50
421513088010301	07-29-86	<50	<1	10	<2.0	560	<3	<5	<5	<5	<50
421531088084401	09-18-85	<50	<1	70	<.5	70	<3	<5	<5	<5	630
421537088082101	02-26-85	<50	<1	60	<1.0	70	<3	6	<5	<5	810
421537088082101	12-17-86	<50	<1	60	<.5	<50	<3	<5	<5	<5	870
421537088082701	03-24-87	80	<1	60	<.5	50	<3	<5	<5	<5	940
421545088024501	02-25-87	<50	<1	20	<.5	300	<3	<5	<5	<5	180
421634088003301	03-27-85	<50	<1	20	<.5	310	<3	9	<5	<5	260
421635088003401	12-17-86	<50	<1	20	<.5	290	<3	<5	<5	6	300
421717087593701	09-17-85	550	<1	30	<.5	480	6	<5	<5	15	1,900
	03-12-86	<50	<1	30	<.5	450	<3	<5	<5	<5	90
421718087570201	06-25-85	<50	<1	10	<.5	360	<3	<5	<5	<5	550
421724087571101	06-25-85	<50	<1	10	<.5	430	<3	<5	<5	<5	660
	03-12-86	--	--	--	--	--	--	--	--	--	--
421730087570001	06-25-85	<50	<1	10	<.5	450	<3	<5	<5	<5	340
421803087554801	08-07-85	<50	<1	10	<.5	490	<3	<5	<5	<5	350
422009088063901	03-30-87	100	<1	10	<1.0	910	<3	7	9	15	120
422045087530201	03-27-87	60	<1	20	<.5	340	<3	<5	<5	<5	220
422050088044901	01-07-87	<50	<1	10	<.5	580	<3	<5	<5	<5	70
422053088031501	08-06-85	<50	<1	10	<.5	680	<3	<5	<5	<5	<50
422103087531001	03-13-87	90	<1	20	<.5	380	12	<5	10	30	11,000
422111088052901	01-07-87	<50	<1	7	<.5	550	<3	<5	<5	<5	80
422119088043701	07-31-85	<50	<1	10	<.5	530	<3	<5	<5	<5	130
422120088053801	08-06-85	<50	<1	20	<.5	510	<3	<5	<5	<5	90
422121088043901	07-31-85	<50	<1	10	<.5	540	<3	<5	<5	<5	110
422130088035601	02-24-87	<50	<1	10	<.5	470	<3	<5	<5	<5	150
422147088040101	02-24-87	<50	<1	20	<.5	480	<3	<5	<5	14	110
422153088062001	12-16-86	<50	<1	10	<.5	540	<3	<5	<5	<5	80
422218088042301	12-16-86	<50	<1	40	<.5	560	<3	<5	<5	<5	100
422219088040601	02-27-85	<50	<1	20	<.5	590	<3	<5	<5	<5	<50
422410087541801	08-19-85	<50	<1	10	<.5	810	<3	<5	<5	<5	60
422506087492201	03-27-87	<50	<1	20	<.5	530	<3	<5	<5	<5	180
422537087543601	02-24-87	<50	<1	6	<.5	840	<3	<5	<5	<5	120
422800087492601	04-08-87	<50	<1	40	<.5	670	<3	<5	<5	<5	120

La Salle County

412952088402201	06-16-87	<50	<1	100	<1.0	50	<3	<5	<5	62	980
413654088475601	04-14-87	60	1	100	<.5	60	<3	<5	<5	<5	2,100
413654088475602	04-14-87	<50	<1	200	<.5	50	<3	<5	<5	<5	1,300

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Lake County--Continued							
421304088054001	01-15-87	<5	<5	<0.05	<5	<1	<3	1,000	<5	<100	<0.010
421305088023001	01-22-87	12	19	<.05	8	<1	4	3,300	7	600	<.010
421309088021501	01-22-87	<5	18	<.05	<5	<1	<3	3,300	5	<50	<.010
421309088050001	01-15-87	<5	<5	<.05	<5	<1	<3	1,400	<5	100	<.010
421310088022101	01-22-87	<5	18	<.05	<5	<1	<3	3,300	<5	<50	<.010
421310088053701	01-15-87	<5	8	<.05	<5	<1	<3	1,300	<5	120	<.010
421311088030001	01-21-87	<5	8	<.05	<5	<1	<3	1,900	<5	<100	<.010
421313088020901	01-22-87	<5	19	<.05	<5	<1	3	3,300	5	<100	<.010
421313088021901	01-22-87	<5	17	.11	<5	<1	<3	3,100	5	<50	<.010
421314088023001	01-21-87	<5	11	<.05	<5	<1	<3	2,300	<5	<50	<.010
421314088051101	01-15-87	<5	8	<.05	<5	<1	<3	1,500	<5	110	<.010
421314088055901	01-15-87	<5	9	<.05	<5	<1	<3	1,200	<5	<100	<.010
421315088023801	01-21-87	<5	8	<.05	<5	<1	<3	1,800	<5	<100	<.010
421315088052801	01-15-87	<5	<5	<.05	<5	<1	<3	1,300	<5	<50	<.010
421315088054801	01-15-87	<5	<5	<.05	<5	<1	<3	1,200	<5	<50	<.010
421318088030401	01-21-87	<5	8	<.05	<5	<1	<3	2,000	<5	270	<.010
421320088022101	01-22-87	<5	13	.14	<5	<1	<3	2,500	<5	<100	<.010
421325088061701	01-09-87	<5	6	<.05	<5	<1	<3	1,100	<5	330	<.010
421326088063101	01-09-87	9	14	<.05	<5	<1	<3	780	<5	440	<.010
421326088063801	01-09-87	<5	10	<.05	<5	<1	<3	780	<5	220	<.010
421331088020701	01-22-87	<5	8	<.05	<5	<1	<3	2,300	<5	110	<.010
421337088062101	08-21-85	<5	7	<.01	<5	<1	<3	840	<5	<50	<.010
421422088000301	02-20-87	<5	6	<.05	<5	<1	<3	1,600	<5	<100	<.010
421433088002701	03-31-87	<5	11	<.05	9	<1	5	2,600	8	<50	<.010
421434088002101	03-20-87	<5	9	<.05	<5	<1	<3	2,400	<5	<50	<.010
421435088002101	03-20-87	<5	9	<.05	<5	<1	<3	2,400	<5	<50	<.010
421438088030701	02-19-87	<5	<5	<.05	<5	<1	<3	2,300	<5	<50	.010
421438088030702	02-19-87	<5	11	<.05	<5	<1	<3	2,400	<5	<50	<.010
421439088023701	02-19-87	<5	<5	<.05	<5	<1	<3	1,700	<5	<50	<.010
421443088024801	02-19-87	<5	6	.40	<5	<1	<3	1,800	<5	<100	<.010

421451088021401	02-25-87	<5	8	<.01	<5	<1	<3	1,700	<5	<50	<.010
421513088010201	07-29-86	<5	9	<.01	<5	<1	<3	1,900	<5	<50	<.010
421513088010301	07-29-86	<5	10	<.01	<5	<1	<3	1,900	<5	<50	<.010
421531088084401	09-18-85	<5	7	.22	<5	<1	<3	450	<5	<50	<.010
421537088082101	02-26-85	<5	24	<.10	47	<1	<3	410	<5	<50	<.010
421537088082101	12-17-86	<5	11	.10	<5	<1	<3	360	<5	<50	<.010
421537088082701	03-24-87	<5	11	<.05	<5	<1	<3	360	<5	<50	<.010
421545088024501	02-25-87	<5	<5	<.05	<5	<1	<3	1,100	<5	<50	<.010
421634088003301	03-27-85	<5	11	<.10	20	<1	4	2,500	<5	<50	<.010
421635088003401	12-17-86	<5	<5	<.05	<5	<1	<3	1,300	<5	<50	<.010
421717087593701	09-17-85	<5	91	.04	<5	<1	<3	1,700	<5	<100	<.010
	03-12-86	<5	40	.04	<5	<1	<3	2,000	<5	<50	<.010
421718087570201	06-25-85	<5	12	<.01	<5	<1	<3	2,500	<5	<50	<.010
421724087571101	06-25-85	<5	9	<.01	<5	<1	<3	2,300	<5	<50	<.010
	03-12-86	--	--	--	--	--	--	--	--	--	--
421730087570001	06-25-85	<5	7	<.01	<5	<1	<3	2,400	<5	<50	<.010
421803087554801	08-07-85	<5	8	<.01	<5	2	<3	2,700	<5	--	<.010
422009088063901	03-30-87	6	<5	<.05	13	<1	4	920	5	<50	<.010
422045087530201	03-27-87	<5	7	<.05	<5	<1	<3	6,900	<5	<100	<.010
422050088044901	01-07-87	<5	<5	<.05	<5	<1	<3	1,100	<5	<50	<.010
422053088031501	08-06-85	<5	<5	.09	<5	1	<3	1,100	<5	<50	<.010
422103087531001	03-13-87	62	22	<.05	17	<1	5	5,700	8	4,000	<.010
422111088052901	01-07-87	<5	<5	<.05	<5	<1	<3	970	<5	<50	<.010
422119088043701	07-31-85	<5	<5	<.01	<5	<1	<3	1,500	<5	<50	<.010
422120088053801	08-06-85	<5	<5	<.01	<5	<1	<3	980	<5	<50	<.010
422121088043901	07-31-85	<5	<5	<.01	<5	<1	<3	1,400	<5	<50	<.010
422130088035601	02-24-87	<5	<5	<.05	<5	<1	<3	1,200	<5	<50	<.010
422147088040101	02-24-87	<5	<5	<.05	<5	<1	<3	1,000	<5	<50	<.010
422153088062001	12-16-86	<5	<5	<.05	<5	<1	<3	1,000	<5	<50	<.010
422218088042301	12-16-86	<5	<5	<.05	<5	<1	<3	1,100	<5	<50	<.010
422219088040601	02-27-85	5	<5	<.10	<5	<1	<3	980	<5	<50	<.010
422410087541801	08-19-85	<5	<5	<.01	<5	--	<3	880	<5	<50	<.010
422506087492201	03-27-87	<5	8	<.05	<5	<1	<3	7,200	<5	<50	<.010
422537087543601	02-24-87	<5	<5	<.05	<5	<1	<3	390	<5	280	<.010
422800087492601	04-08-87	6	<5	<.05	<5	<1	<3	1,300	<5	<50	<.010

La Salle County

412952088402201	06-16-87	9	33	<.05	<5	<1	<3	390	<5	<50	<.010
413654088475601	04-14-87	<5	21	<.05	<5	<1	<3	290	<5	<50	<.010
413654088475602	04-14-87	<5	17	<.05	<5	<1	<3	240	<5	<50	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Lake County--Continued					
421304088054001	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421305088023001	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421309088021501	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421309088050001	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421310088022101	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421310088053701	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421311088030001	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421313088020901	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421313088021901	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421314088023001	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421314088051101	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421314088055901	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421315088023801	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421315088052801	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421315088054801	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421318088030401	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421320088022101	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421325088061701	01-09-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421326088063101	01-09-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421326088063801	01-09-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421331088020701	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421337088062101	08-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421422088000301	02-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421433088002701	03-31-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421434088002101	03-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421435088002101	03-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421438088030701	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421438088030702	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421439088023701	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421443088024801	02-19-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

421451088021401	02-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421513088010201	07-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421513088010301	07-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421531088084401	09-18-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421537088082101	02-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421537088082101	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421537088082701	03-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421545088024501	02-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421634088003301	03-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421635088003401	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421717087593701	09-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	03-12-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421718087570201	06-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421724087571101	06-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	03-12-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421730087570001	06-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421803087554801	08-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422009088063901	03-30-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422045087530201	03-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422050088044901	01-07-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422053088031501	08-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422103087531001	03-13-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422111088052901	01-07-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422119088043701	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422120088053801	08-06-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422121088043901	07-31-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422130088035601	02-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422147088040101	02-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422153088062001	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422218088042301	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422219088040601	02-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422410087541801	08-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422506087492201	03-27-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422537087543601	02-24-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422800087492601	04-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

La Salle County

412952088402201	06-16-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413654088475601	04-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413654088475602	04-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Lake County--Continued						
421304088054001	01-15-87	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421305088023001	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421309088021501	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421309088050001	01-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421310088022101	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421310088053701	01-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421311088030001	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421313088020901	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421313088021901	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421314088023001	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421314088051101	01-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421314088055901	01-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421315088023801	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421315088052801	01-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421315088054801	01-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421318088030401	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421320088022101	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421325088061701	01-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421326088063101	01-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421326088063801	01-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421331088020701	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421337088062101	08-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421422088000301	02-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421433088002701	03-31-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421434088002101	03-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421435088002101	03-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421438088030701	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421438088030702	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421439088023701	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421443088024801	02-19-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

421451088021401	02-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421513088010201	07-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421513088010301	07-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421531088084401	09-18-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421537088082101	02-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421537088082101	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421537088082701	03-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421545088024501	02-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421634088003301	03-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421635088003401	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421717087593701	09-17-85	<1.0	<1.0	<1.0	<1.0	21	<1.0	<1.0	<1.0	<1.0
	03-12-86	<1.0	<1.0	<1.0	<1.0	4.6	<1.0	<1.0	<1.0	<1.0
421718087570201	06-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421724087571101	06-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421730087570001	06-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421803087554801	08-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422009088063901	03-30-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422045087530201	03-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422050088044901	01-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422053088031501	08-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422103087531001	03-13-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422111088052901	01-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422119088043701	07-31-85	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0
422120088053801	08-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422121088043901	07-31-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422130088035601	02-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422147088040101	02-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422153088062001	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422218088042301	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422219088040601	02-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422410087541801	08-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422506087492201	03-27-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422537087543601	02-24-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422800087492601	04-08-87	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

La Salle County

412952088402201	06-16-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413654088475601	04-14-87	<1.0	<1.0	<1.0	<1.0	3.0	<1.0	<1.0	<1.0	<1.0
413654088475602	04-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Lee County			
415027089175501	02-04-87	0920	Franklin Grove Well No. 1	17002	17002	29.00
415035089175901	02-04-87	1015	Franklin Grove Well No. 3	17002	17002	--
415051089180601	02-25-87	0945	Franklin Grove Health Care Center Well No. 1	17002	17002	--
415154089131501	02-05-87	1020	Ashton Well No. 2	17002	17002	27.00
			McDonough County			
402515090472201	03-25-87	1020	Colchester Well No. 10	17002	17002	--
402516090472001	03-25-87	1300	Colchester Well No. 11	17002	17002	--
	03-25-87	1305	Colchester Well No. 11	17002	17002	--
403710090274601	12-31-86	0920	Prairie City Well No. 1	17002	17002	--
			McHenry County			
421033088192701	11-19-86	1230	Lake in the Hills Well No. 1	17002	17002	--
421034088164601	03-15-85	0940	Algonquin Well No. 1	81700	17002	88.00
421042088182701	11-19-86	1140	Lake in the Hills Well No. 6	17002	17002	--
421113088192401	11-19-86	0950	Lake in the Hills Well No. 2	17002	17002	--
421155088132801	07-01-85	1335	Fox River Grove Well No. 2	17002	17002	--
	12-17-86	1045	Fox River Grove Well No. 2	81700	81700	--
421155088133101	07-01-85	1510	Fox River Grove Well No. 1	17002	17002	71.00
421316088230001	08-21-85	0955	Turnberry Utility Company Well No. 1	17002	17002	--
421324088173601	09-26-85	1110	Crystal Clear Water Company Well No. 1	17002	17002	--
421402088153201	08-21-85	1120	Lake Killarney Water Company Well No. 2	17002	17002	131.00
421411088322801	05-23-85	1110	Union Well No. 2	17002	17002	--
421438088185401	12-10-86	1110	Crystal Lake Well No. 1	17002	17002	--
421533088193201	12-09-86	1330	Walk-Up-Woods Water Company Well No. 1	17002	17002	--
421534088193101	12-09-86	1350	Walk-Up-Woods Water Company Well No. 2	17002	17002	--
421537088174201	11-18-86	1145	Deering Oaks Subdivision Well No. 1	17002	17002	--
421540088124101	03-18-87	1420	Nunda Utility Company Well No. 1	17002	17002	--
421906088153601	07-15-86	1425	McHenry Shores Water Company Well No. 1	17002	17002	--
421939088174601	11-13-86	1105	McHenry Well No. 7	17002	17002	--
421943088160301	08-20-85	1420	McHenry Well No. 3	17002	17002	--
422038088142901	08-20-85	1010	Eastwood Manor Subdivision Well No. 1	17002	17002	--

422047088173801	11-13-86	1230	McHenry Well No. 6	17002	17002	--
422101088144701	08-20-85	1150	Eastwood Manor Subdivision Well No. 2	17002	17002	--
422141088303701	12-08-86	1300	Valley Hi Nursing Home Well No. 1	17002	17002	--
422320088132701	12-09-86	1230	Whispering Hills Water Company Well No. 6	17002	17002	--
422322088140901	12-09-86	1200	Whispering Hills Water Company Well No. 2	17002	17002	--
422342088133101	08-19-85	1540	Whispering Hills Water Company Well No. 3	17002	17002	--
422355088132001	12-09-86	1115	Whispering Hills Water Company Well No. 1	17002	17002	--
422427088122001	12-09-86	1007	Whispering Hills Water Company Well No. 4	17002	17002	--
422832088182101	06-27-85	1055	Richmond Well No. 1	17002	17002	73.00
			Marshall County			
410208089132401	06-16-86	1115	Varna Well No. 2	17002	17002	--
			Mercer County			
410606090472801	08-21-86	1110	Seaton Well NO. 1	17002	17002	--
410610090480001	08-21-86	1015	Seaton Well No. 2	17002	17002	--
411147090524101	08-19-86	1340	Joy Well No. 2	17002	17002	--
411209090351502	09-24-86	1015	Viola Well No. 2	17002	17002	--
411210090262801	11-06-86	1335	New Windsor Well No. 2	17002	17002	--
411536090363001	08-20-86	1355	Matherville Well No. 2	17002	17002	--
411913090302201	08-20-86	1020	Sherrard Well No. 1	17002	17002	--
411913090302202	08-20-86	1105	Sherrard Well No. 2	17002	17002	--
411937090344801	11-14-86	0715	MCLW System Incorporated Well No. 1	17002	17002	--
			Monroe County			
381611090084101	09-10-86	1300	Timber Lake Estates Subdivision Well No. 1	17002	17002	--
			Ogle County			
420736089344401	07-17-86	1425	Forreston Well No. 1	17002	17002	56.00
			Pulaski County			
371051089052501	12-10-86	1420	Olmsted Well No. 1	17002	17002	--
373615089120301	12-11-86	1035	Mounds Well No. 2	17002	17002	--
373617089120301	12-11-86	1015	Mounds Well No. 1	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
					Lee County						
415027089175501	02-04-87	32	E140	860	7.00	--	12.5	110	50	12	0.9
415035089175901	02-04-87	30	140	550	7.20	--	12.0	67	35	4.6	.9
415051089180601	02-25-87	--	--	--	--	--	--	66	35	4.9	.8
415154089131501	02-05-87	35	220	835	7.00	--	13.0	95	50	20	1.4
					McDonough County						
402515090472201	03-25-87	--	140	2,190	6.80	--	21.0	160	69	1,100	42
402516090472001	03-25-87	35	150	2,150	6.80	--	21.0	150	68	940	36
	03-25-87	40	150	2,150	6.80	--	21.5	150	68	1,000	38
403710090274601	12-31-86	20	120	3,320	7.20	-67	12.5	170	72	560	29
					McHenry County						
421033088192701	11-19-86	38	210	750	7.40	-147	11.0	80	41	21	1.3
421034088164601	03-15-85	145	--	550	7.40	-145	11.5	64	35	11	1.4
421042088182701	11-19-86	15	750	--	--	--	--	74	39	12	.9
421113088192401	11-19-86	589	240	770	7.40	-123	11.0	85	45	15	1.2
421155088132801	07-01-85	1,560	400	860	7.20	-142	12.5	90	52	25	2.2
	12-17-86	240	375	880	7.00	-85	11.5	89	51	23	1.9
421155088133101	07-01-85	85	410	860	7.20	-147	12.5	90	51	27	2.2
421316088230001	08-21-85	90	E184	670	8.90	-160	14.0	1.0	.31	180	2.6
421324088173601	09-26-85	15	--	--	--	--	--	53	31	24	2.4
421402088153201	08-21-85	120	130	635	7.20	-150	12.0	76	41	4.6	1.3
421411088322801	05-23-85	--	--	--	7.30	-122	12.5	37	26	37	6.3
421438088185401	12-10-86	45	325	--	--	--	--	97	53	27	1.4
421533088193201	12-09-86	7	E75	--	--	--	--	54	38	30	1.1
421534088193101	12-09-86	5	238	--	--	--	--	37	19	51	2.0
421537088174201	11-18-86	15	E40	--	--	--	--	100	51	7.3	1.1
421540088124101	03-18-87	15	E125	--	--	--	--	44	26	50	2.8
421906088153601	07-15-86	145	30	260	7.60	-146	11.5	47	30	30	1.4
421939088174601	11-13-86	245	470	575	7.40	51	10.5	62	35	11	1.2
421943088160301	08-20-85	60	240	585	7.20	-171	11.5	62	37	20	1.7
422038088142901	08-20-85	60	270	670	7.30	-160	12.0	83	44	8.3	1.7

422047088173801	11-13-86	330	530	683	7.20	556	10.5	70	42	14	1.6
422101088144701	08-20-85	60	--	650	7.40	-132	12.5	76	42	7.9	1.5
422141088303701	12-08-86	10	E28	--	--	--	--	71	37	7.7	.7
422320088132701	12-09-86	5	--	--	--	--	--	50	36	14	.8
422322088140901	12-09-86	20	E100	--	--	--	--	62	41	11	.9
422342088133101	08-19-85	420	230	570	7.40	-152	13.0	51	40	18	1.3
422355088132001	12-09-86	75	190	505	7.60	-189	11.5	34	29	31	.8
422427088122001	12-09-86	12	E100	--	--	--	--	110	52	48	2.3
422832088182101	06-27-85	150	--	575	7.50	-175	12.0	95	47	11	1.2
				Marshall County							
410208089132401	06-16-86	--	150	6,000	7.40	-237	21.0	32	14	570	20
				Mercer County							
410606090472801	08-21-86	40	E25	830	7.20	-274	14.0	23	13	170	6.5
410610090480001	08-21-86	5	80	680	7.20	-250	14.5	22	13	180	6.4
411147090524101	08-19-86	460	65	945	7.10	-147	14.0	35	19	170	8.3
411209090351502	09-24-86	45	100	705	7.50	-189	15.5	25	12	310	11
411210090262801	11-06-86	25	160	620	7.30	-306	14.5	27	12	240	8.1
411536090363001	08-20-86	35	150	1,830	7.60	-300	15.5	49	25	330	17
411913090302201	08-20-86	60	175	770	7.10	-302	14.5	48	21	100	4.1
411913090302202	08-20-86	30	150	755	7.10	-308	14.5	47	21	110	4.2
411937090344801	11-14-86	10	25	--	6.90	--	12.0	38	18	110	4.8
				Monroe County							
381611090084101	09-10-86	25	34	390	6.70	384	16.5	96	31	80	.8
				Ogle County							
420736089344401	07-17-86	65	--	790	7.00	--	13.5	96	48	16	.6
				Pulaski County							
371051089052501	12-10-86	35	E100	425	7.60	-151	19.5	36	11	34	3.8
373615089120301	12-11-86	20	E350	--	--	--	--	44	12	43	4.0
373617089120301	12-11-86	15	E350	--	--	--	--	39	11	32	3.5

E Estimated.

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Lee County						
415027089175501	02-04-87	--	370	120	19	0.2	14	554	0.140	<0.100	0.040
415035089175901	02-04-87	--	251	31	6.4	.2	11	325	3.00	<.100	<.010
415051089180601	02-25-87	--	278	20	4.9	.2	11	327	3.50	<.100	<.010
415154089131501	02-05-87	--	289	74	48	.1	15	530	7.90	<.100	.280
					McDonough County						
402515090472201	03-25-87	--	239	1,000	760	4.0	8.2	2,810	<.100	1.40	<.010
402516090472001	03-25-87	--	240	1,100	740	4.1	7.9	2,600	<.100	1.50	<.010
	03-25-87	--	237	1,000	760	3.9	7.4	2,840	<.100	1.50	<.010
403710090274601	12-31-86	--	210	1,500	330	2.8	8.9	2,430	<.100	1.40	<.010
					McHenry County						
421033088192701	11-19-86	--	369	53	9.3	.5	17	562	<.100	3.60	.070
421034088164601	03-15-85	308	290	25	7.7	.4	17	317	<.100	.430	.020
421042088182701	11-19-86	--	331	31	20	.4	17	572	<.100	1.40	.060
421113088192401	11-19-86	--	343	61	28	.4	18	587	<.100	.760	.040
421155088132801	07-01-85	341	334	87	51	.2	19	667	<.100	<.100	.750
	12-17-86	--	342	86	50	.2	--	--	<.100	<.100	.780
421155088133101	07-01-85	345	333	91	54	.2	19	647	<.100	<.100	.770
421316088230001	08-21-85	376	371	<10	4.0	3.2	6.6	533	<.100	.210	.010
421324088173601	09-26-85	--	302	<10	13	.5	17	342	<.100	.550	.030
421402088153201	08-21-85	303	286	56	14	.1	19	517	<.100	<.100	<.010
421411088322801	05-23-85	275	279	<10	1.5	3.7	11	297	<.100	.870	1.10
421438088185401	12-10-86	--	356	95	67	.3	18	659	<.100	.400	.020
421533088193201	12-09-86	--	338	<10	16	.7	19	452	<.100	.700	.100
421534088193101	12-09-86	--	331	19	20	.7	17	412	<.100	.720	.020
421537088174201	11-18-86	--	305	120	46	.1	18	686	<.100	<.100	<.010
421540088124101	03-18-87	--	303	<10	3.5	.8	16	320	<.100	1.60	.070
421906088153601	07-15-86	287	287	<10	5.1	.7	--	385	<.100	.400	.030
421939088174601	11-13-86	--	321	13	3.2	.4	18	352	<.100	.290	.020
421943088160301	08-20-85	315	301	27	10	.5	20	398	<.100	.390	.010
422038088142901	08-20-85	319	304	54	21	.2	18	575	<.100	.250	<.010

422047088173801	11-13-86	--	332	34	19	.4	22	433	.110	.400	.010
422101088144701	08-20-85	317	304	43	23	.3	21	510	<.100	.140	.010
422141088303701	12-08-86	--	368	<10	1.1	.3	21	421	<.100	1.10	.060
422320088132701	12-09-86	--	312	<10	5.8	.6	14	373	<.100	.320	.020
422322088140901	12-09-86	--	309	34	4.3	.5	--	418	<.100	.250	<.010
422342088133101	08-19-85	308	294	27	6.6	.6	19	365	<.100	.350	.010
422355088132001	12-09-86	--	257	10	<1.0	.9	17	362	<.100	.460	<.010
422427088122001	12-09-86	--	384	97	93	.1	--	739	<.100	<.100	<.010
422832088182101	06-27-85	320	354	68	30	.3	17	692	<.100	.110	.020
					Marshall County						
410208089132401	06-16-86	438	438	180	1,700	2.8	--	3,370	<.100	1.60	<.010
					Mercer County						
410606090472801	08-21-86	--	478	<10	22	.9	--	517	<.100	2.90	.050
410610090480001	08-21-86	--	490	17	24	1.0	--	521	<.100	3.10	<.010
411147090524101	08-19-86	432	432	78	40	.9	--	582	<.100	1.10	<.010
411209090351502	09-24-86	331	331	220	150	2.0	--	995	.110	.920	.090
411210090262801	11-06-86	--	384	170	90	1.7	9.3	758	--	--	--
411536090363001	08-20-86	--	275	250	310	1.6	--	1,100	<.100	1.40	.020
411913090302201	08-20-86	377	377	46	27	.5	--	455	<.100	4.00	.020
411913090302202	08-20-86	363	363	52	33	.5	--	470	<.100	4.00	.020
411937090344801	11-14-86	--	387	31	7.3	.5	9.4	428	<.100	2.60	<.010
					Monroe County						
381611090084101	09-10-86	445	445	72	16	.3	--	567	.190	<.100	.070
					Ogle County						
420736089344401	07-17-86	326	326	84	24	.3	--	514	7.00	<.100	.010
					Pulaski County						
371051089052501	12-10-86	--	135	16	53	.4	9.0	311	<.100	.160	<.010
373615089120301	12-11-86	--	169	16	60	.7	8.8	361	<.100	.190	<.010
373617089120301	12-11-86	--	155	16	42	.6	8.1	313	<.100	.160	.020

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Lee County						
415027089175501	02-04-87	50	1	100	<0.5	50	<3	<5	9	<5	2,000
415035089175901	02-04-87	<50	1	100	<.5	<50	<3	<5	10	<5	90
415051089180601	02-25-87	<50	<1	30	<.5	<50	<3	<5	6	13	<50
415154089131501	02-05-87	60	<1	60	<.5	170	<3	<5	6	<5	<50
					McDonough County						
402515090472201	03-25-87	100	<1	10	<.5	2,100	7	<5	10	180	1,200
402516090472001	03-25-87	80	<1	9	<.5	2,100	<3	<5	9	25	2,200
	03-25-87	90	<1	9	<.5	2,100	5	<5	10	15	2,700
403710090274601	12-31-86	80	<1	10	<.5	1,600	<3	<5	10	<5	470
					McHenry County						
421033088192701	11-19-86	<50	<1	100	<.5	140	<3	<5	<5	<5	1,100
421034088164601	03-15-85	<50	<1	80	<.5	80	<3	<5	<5	<5	980
421042088182701	11-19-86	<50	1	70	<.5	70	<3	<5	<5	<5	1,300
421113088192401	11-19-86	<50	<1	100	<.5	60	<3	<5	5	<5	1,000
421155088132801	07-01-85	<50	1	60	<.5	80	<3	<5	<5	<5	770
	12-17-86	60	1	60	<.5	<50	<3	<5	5	<5	910
421155088133101	07-01-85	<50	2	60	<.5	60	<3	<5	<5	<5	850
421316088230001	08-21-85	<50	<1	<5	<.5	1,400	<3	<5	<5	<5	<50
421324088173601	09-26-85	<50	<1	80	<.5	200	<3	<5	<5	<5	200
421402088153201	08-21-85	<50	<1	60	<.5	<50	<3	<5	<5	<5	1,300
421411088322801	05-23-85	<50	1	200	<.5	420	<3	<5	<5	<5	340
421438088185401	12-10-86	<50	<1	200	<.5	80	<3	<5	6	<5	1,200
421533088193201	12-09-86	<50	2	100	<.5	190	<3	<5	<5	48	2,000
421534088193101	12-09-86	90	8	30	<.5	90	6	7	7	13	<50
421537088174201	11-18-86	<50	<1	70	<.5	<50	<3	<5	6	<5	940
421540088124101	03-18-87	70	<1	90	<.5	450	<3	<5	<5	<5	620
421906088153601	07-15-86	<50	4	70	<2.0	210	<3	<5	6	<5	730
421939088174601	11-13-86	<50	2	60	<.5	70	<3	<5	<5	<5	840
421943088160301	08-20-85	<50	1	80	<.5	140	<3	<5	<5	<5	1,300
422038088142901	08-20-85	<50	<1	80	<.5	<50	<3	<5	<5	<5	1,100

422047088173801	11-13-86	<50	<1	90	<.5	80	<3	<5	6	<5	1,800
422101088144701	08-20-85	<50	<1	60	<.5	70	<3	<5	<5	<5	580
422141088303701	12-08-86	<50	11	40	<.5	<50	<3	<5	<5	<5	2,400
422320088132701	12-09-86	<50	<1	60	<.5	80	<3	<5	5	<5	5,400
422322088140901	12-09-86	<50	<1	60	<.5	70	<3	<5	<5	<5	340
422342088133101	08-19-85	<50	<1	40	<.5	150	<3	<5	<5	<5	190
422355088132001	12-09-86	<50	<1	50	<.5	250	<3	<5	<5	<5	130
422427088122001	12-09-86	<50	<1	100	<.5	90	<3	<5	5	<5	1,100
422832088182101	06-27-85	<50	<1	100	<.5	<50	<3	<5	<5	<5	1,600
Marshall County											
410208089132401	06-16-86	2,900	<1	50	<2.0	1,600	<3	<5	<5	9	1,400
Mercer County											
410606090472801	08-21-86	<50	<1	2,100	<.5	590	<3	<5	<5	13	360
410610090480001	08-21-86	<50	<1	2,400	<1.0	640	<3	<5	<5	<5	<50
411147090524101	08-19-86	70	<1	30	2.0	690	<3	<5	<5	<5	90
411209090351502	09-24-86	<50	<1	10	<.5	830	<3	7	<5	27	<50
411210090262801	11-06-86	10	<1	70	<.5	840	<3	<5	3	110	1,100
411536090363001	08-20-86	<50	<1	20	3.0	920	<3	<5	<5	<5	170
411913090302201	08-20-86	<50	<1	300	<2.0	430	<3	<5	<5	<5	70
411913090302202	08-20-86	60	<1	200	<2.0	420	<3	<5	<5	<5	<50
411937090344801	11-14-86	<50	<1	200	<.5	490	<3	<5	<5	<5	<50
Monroe County											
381611090084101	09-10-86	<50	<1	200	<.5	<50	<3	<5	<5	5	490
Ogle County											
420736089344401	07-17-86	<50	1	50	<.5	<50	<3	<5	<5	6	<50
Pulaski County											
371051089052501	12-10-86	<50	<1	100	<.5	70	<3	<5	<5	<5	540
373615089120301	12-11-86	<50	<1	200	<.5	120	<3	<5	<5	38	550
373617089120301	12-11-86	<50	<1	200	<.5	100	<3	<5	<5	41	1,200

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Lead, total recov-erable (µg/L as Pb)	Manga-nese, total recov-erable (µg/L as Mn)	Mercury total recov-erable (µg/L as Mg)	Nickel, total recov-erable (µg/L as Ni)	Sele-nium, total (µg/L as Se)	Silver, total recov-erable (µg/L as Ag)	Stron-tium, total recov-erable (µg/L as Sr)	Vana-dium, total (µg/L as V)	Zinc, total recov-erable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Lee County						
415027089175501	02-04-87	<5	190	<0.05	<5	<1	<3	150	<5	<50	<0.010
415035089175901	02-04-87	<5	110	<.05	20	3	<3	90	<5	<50	<.010
415051089180601	02-25-87	<5	7	<.05	<5	<1	<3	80	<5	<50	<.010
415154089131501	02-05-87	<5	<5	<.05	<5	1	<3	150	5	<50	<.010
					McDonough County						
402515090472201	03-25-87	100	14	<.05	31	<1	8	5,300	9	4,600	<.010
402516090472001	03-25-87	<5	16	<.05	<5	<1	6	5,200	8	<100	<.010
	03-25-87	<5	14	<.05	17	<1	7	5,200	8	<50	<.010
403710090274601	12-31-86	<5	6	<.05	6	<1	<3	4,600	<5	<50	--
					McHenry County						
421033088192701	11-19-86	<5	23	<.05	<5	<1	<3	1,800	<5	<50	<.010
421034088164601	03-15-85	<5	16	<.10	<5	<1	<3	640	<5	<50	<.010
421042088182701	11-19-86	<5	17	<.05	<5	<1	<3	1,200	<5	<50	<.010
421113088192401	11-19-86	<5	18	<.05	<5	<1	<3	1,100	<5	<50	<.010
421155088132801	07-01-85	<5	38	.09	10	<1	4	170	<5	<50	<.010
	12-17-86	<5	42	<.05	<5	<1	<1	--	<5	<50	<.010
421155088133101	07-01-85	<5	37	<.01	<5	<1	<3	150	<5	<50	<.010
421316088230001	08-21-85	<5	<5	<.01	<5	3	<3	20	<5	<50	<.010
421324088173601	09-26-85	<5	<5	<.01	<5	2	<3	1,900	<5	<50	<.010
421402088153201	08-21-85	<5	35	<.01	<5	<1	<3	130	<5	<50	<.010
421411088322801	05-23-85	<5	7	<.01	<5	<1	<3	600	<5	<50	<.010
421438088185401	12-10-86	<5	41	.09	<5	<1	<3	1,500	<5	<50	<.010
421533088193201	12-09-86	<5	13	.07	<5	<1	<3	1,900	<5	100	<.010
421534088193101	12-09-86	<5	<5	<.05	6	<1	5	470	9	<50	<.010
421537088174201	11-18-86	<5	19	.13	<5	<1	<3	150	<5	<50	<.010
421540088124101	03-18-87	<5	12	<.05	<5	<1	<3	1,500	<5	<50	<.010
421906088153601	07-15-86	<5	11	<.01	<5	<1	4	1,900	<5	<50	<.010
421939088174601	11-13-86	<5	6	<.05	<5	<1	<3	800	<5	<50	<.010
421943088160301	08-20-85	<5	10	<.01	<5	<1	<3	1,200	<5	<50	<.010
422038088142901	08-20-85	<5	34	<.01	<5	<1	<3	350	<5	<50	<.010

422047088173801	11-13-86	<5	23	<.05	<5	<1	<3	690	<5	<50	<.010
422101088144701	08-20-85	<5	15	.10	<5	<1	<3	170	<5	<100	<.010
422141088303701	12-08-86	<5	20	<.05	<5	<1	<3	630	<5	<50	<.010
422320088132701	12-09-86	10	42	<.05	<5	<1	<3	560	<5	300	<.010
422322088140901	12-09-86	<5	6	<.05	<5	<1	<3	580	<5	<50	<.010
422342088133101	08-19-85	<5	<5	<.01	<5	<1	<3	1,000	<5	<50	<.010
422355088132001	12-09-86	<5	<5	.07	<5	<1	<3	980	<5	<50	<.010
422427088122001	12-09-86	<5	120	<.05	<5	<1	<3	120	<5	<50	<.010
422832088182101	06-27-85	<5	36	<.01	<5	<1	<3	240	<5	<50	<.010
Marshall County											
410208089132401	06-16-86	<5	49	<.05	30	<1	5	1,400	8	<50	<.010
Mercer County											
410606090472801	08-21-86	<5	8	<.01	<5	<1	<3	540	<5	100	<.010
410610090480001	08-21-86	<5	<5	.07	<5	<1	<3	520	<5	<50	<.010
411147090524101	08-19-86	<5	12	<.01	<5	<1	<3	960	<5	<50	<.010
411209090351502	09-24-86	<5	<5	<.05	5	<1	<3	1,000	<5	<50	<.010
411210090262801	11-06-86	39	22	<.05	190	<1	<3	870	<5	560	<.010
411536090363001	08-20-86	<5	7	<.01	<5	<1	<3	1,900	<5	<50	<.010
411913090302201	08-20-86	<5	<5	<.01	<5	<1	<3	510	<5	<50	<.010
411913090302202	08-20-86	<5	<5	.10	<5	<1	<3	500	<5	<50	<.010
411937090344801	11-14-86	<5	<5	<.05	<5	<1	<3	540	<5	<50	<.010
Monroe County											
381611090084101	09-10-86	<5	260	<.05	9	<1	6	280	<5	<100	<.010
Ogle County											
420736089344401	07-17-86	<5	5	.04	<5	<1	<3	100	<5	<50	<.010
Pulaski County											
371051089052501	12-10-86	<5	28	<.05	<5	<1	<3	890	<5	<50	<.010
373615089120301	12-11-86	6	44	<.05	<5	<1	<3	1,200	<5	<100	<.010
373617089120301	12-11-86	<5	110	<.05	<5	<1	<3	990	<5	<50	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Lee County					
415027089175501	02-04-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415035089175901	02-04-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415051089180601	02-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415154089131501	02-05-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					McDonough County					
402515090472201	03-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402516090472001	03-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403710090274601	12-31-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					McHenry County					
421033088192701	11-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421034088164601	03-15-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421042088182701	11-19-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
421113088192401	11-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421155088132801	07-01-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	--
	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	2.0
421155088133101	07-01-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421316088230001	08-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421324088173601	09-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421402088153201	08-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421411088322801	05-23-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421438088185401	12-10-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
421533088193201	12-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421534088193101	12-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421537088174201	11-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421540088124101	03-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421906088153601	07-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421939088174601	11-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421943088160301	08-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422038088142901	08-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

422047088173801	11-13-86	<5	6.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422101088144701	08-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422141088303701	12-08-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422320088132701	12-09-86	<5	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0
422322088140901	12-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422342088133101	08-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
422355088132001	12-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422427088122001	12-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422832088182101	06-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
					Marshall County					
410208089132401	06-16-86	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Mercer County					
410606090472801	08-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410610090480001	08-21-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411147090524101	08-19-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
411209090351502	09-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411210090262801	11-06-86	<5	--	--	--	--	--	--	--	--
411536090363001	08-20-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
411913090302201	08-20-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
411913090302202	08-20-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
411937090344801	11-14-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
					Monroe County					
381611090084101	09-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Ogle County					
420736089344401	07-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Pulaski County					
371051089052501	12-10-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
373615089120301	12-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
373617089120301	12-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Lee County					
415027089175501	02-04-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415035089175901	02-04-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415051089180601	02-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415154089131501	02-05-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					McDonough County					
402515090472201	03-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402516090472001	03-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
403710090274601	12-31-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					McHenry County					
421033088192701	11-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421034088164601	03-15-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421042088182701	11-19-86	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421113088192401	11-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421155088132801	07-01-85	<1.0	<1.0	<1.0	3.9	<1.0	<1.0	<1.0	<1.0	<1.0
	12-17-86	<1.0	<1.0	<1.0	7.0	<1.0	<1.0	<1.0	<1.0	<1.0
421155088133101	07-01-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421316088230001	08-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421324088173601	09-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421402088153201	08-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421411088322801	05-23-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421438088185401	12-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0
421533088193201	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421534088193101	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421537088174201	11-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421540088124101	03-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421906088153601	07-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421939088174601	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421943088160301	08-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422038088142901	08-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

422047088173801	11-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422101088144701	08-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422141088303701	12-08-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422320088132701	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422322088140901	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422342088133101	08-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422355088132001	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422427088122001	12-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422832088182101	06-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Marshall County										
410208089132401	06-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Mercer County										
410606090472801	08-21-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410610090480001	08-21-86	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411147090524101	08-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411209090351502	09-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411210090262801	11-06-86	--	--	--	--	--	--	--	--	--
411536090363001	08-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411913090302201	08-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411913090302202	08-20-86	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411937090344801	11-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Monroe County										
381611090084101	09-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ogle County										
420736089344401	07-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pulaski County										
371051089052501	12-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
373615089120301	12-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
373617089120301	12-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Rock Island County			
411949090402801	04-14-86	1440	Reynolds Well No. 2	17002	17002	--
412009090402301	04-14-86	1400	Reynolds Well No. 1	17002	17002	--
412037090401601	01-29-87	1230	Fitzpatric Well No. 1	17002	17002	--
412303090453701	11-07-86	0705	Lemon Street Well Company Incorporated Well No. 1	17002	17002	--
412303090453702	11-07-86	0700	Lemon Street Well Company Incorporated Well No. 2	17002	17002	--
412311090373501	12-15-86	1145	Eckstroms 1st Addition Well No. 1	17002	17002	--
412400090343001	11-14-86	0740	Eberts 3rd Addition Well No. 1	17002	17002	--
412400090343201	01-07-87	1130	Friendly Corners Water Association Well No. 1	17002	17002	--
412403090343301	01-26-87	1110	Tindalls 4th and 5th Addition Well No. 1	17002	17002	--
412406090342701	02-12-87	1030	Eberts 2nd Addition Well No. 1	17002	17002	--
412407090312901	01-12-87	1140	Country Club Manor Well No. 1	17002	17002	--
412408090343001	01-26-87	1045	Tindalls Addition Water System Well No. 1	17002	17002	--
412410090313401	11-14-86	0805	Halen Heights Addition Well No. 1	17002	17002	--
412412090331901	01-07-87	1015	Coyne Center Well No. 1	17002	17002	--
412412090361501	01-08-87	1300	Tower Ridge Subdivision Well No. 1	17002	17002	--
412418090283001	01-22-87	1400	Oak Glen Nursing Home Well No. 3	17002	17002	--
412425090484601	11-07-86	0740	Chigakwa Park Estates Well No. 1	17002	17002	--
412433090301901	01-20-87	1045	Toft Acres Well No. 1	17002	17002	--
412435090340901	12-17-86	1230	Croppers 2nd and 3rd Addition Well No. 2	17002	17002	--
412439090312601	11-14-86	0820	Nalevanko Rainbow Ridge Subdivision Well No. 1	17002	17002	--
412446090312401	01-16-87	1215	Mill Creek Manor Well No. 2	17002	17002	--
412449090281801	02-09-87	1145	Bailey Retreat Water System Well No. 1	17002	17002	--
412501090272601	10-29-86	1410	Vanderheyden Subdivision Well No. 1	17002	17002	--
412526090452401	01-15-87	1045	Winding Creek Estates Well No. 1	17002	17002	--
412527090454201	11-07-86	0830	Hillcrest Court Subdivision Well No. 1	17002	17002	--
412532090390301	01-14-87	1125	Park Hill Estates Well No. 3	17002	17002	--
412532090391201	01-14-87	1200	Park Hill Estates Well No. 2	17002	17002	--
412534090391501	01-14-87	1045	Park Hill Estates Well No. 1	17002	17002	--
412534090392601	02-11-87	1445	Hickory Hills 1st Addition Well No. 1	17002	17002	--
412535090391801	01-15-87	1245	Turkey Hollow Corporation Well No. 1	17002	17002	--

412535090452901	11-07-86	0805	Hillcrest Court 2nd Addition Well No. 1	17002	17002	--
412537090340901	01-07-87	1200	Suburban Heights Subdivision Well No. 1	17002	17002	--
412544090310301	11-17-86	1255	Indian Bluff Subdivision Well No. 1	17002	17002	--
412546090392101	01-14-87	1225	Quail Run Well Association Well No. 1	17002	17002	--
412551090312701	02-09-87	1310	Water XIV Well No. 1	17002	17002	--
412555090265401	04-14-86	1140	Coal Valley Well No. 3	17002	17002	--
412559090313301	01-20-87	1120	South Well 16 Well No. 1	17002	17002	--
412600090273901	04-14-86	1055	Coal Valley Well No. 2	17002	17002	--
412602090312101	11-14-86	0835	Water Werks Well No. 1	17002	17002	--
412602090313701	12-17-86	1030	Ferrous Water Association Well No. 1	17002	17002	--
412603090312701	02-09-87	1230	Balcaen 3rd Addition Well No. 5	17002	17002	--
412603090423801	01-15-87	1115	Woodland Park Water Company Well No. 1	17002	17002	--
412616090312301	01-26-87	1200	Paradise Manor Mobile Home Park Well No. 1	17002	17002	--
412630090312101	11-17-86	1220	Airview Well No. 1	17002	17002	--
412634090431201	09-19-85	1015	Andalusia Well No. 1	17002	17002	--
412829090294801	01-22-87	1200	L and G Mobile Home Park Well No. 1	17002	17002	--
412857090235101	02-11-87	1045	Whites Addition Well No. 1	17002	17002	--
412858090235901	02-11-87	1100	Whites Community Well No. 2	17002	17002	--
412859090245901	12-16-86	1245	Glendale Subdivision Well No. 1	17002	17002	--
412912090231601	01-21-87	1130	Merry Oaks 2nd Addition Well No. 1	17002	17002	--
413003090252401	07-22-85	1400	Silvis Heights Well No. 1	17002	17002	188.00
413004090252901	02-10-87	1335	Silvis Heights Water Company Well No. 2	17002	17002	--
413030090244301	12-15-86	1305	East Lawn Water Association Well No. 1	17002	17002	--
413038090241001	04-24-86	1230	Silvis Well No. 8	17002	17002	--
413039090241701	04-24-86	1140	Silvis Well No. 7	17002	17002	--
413042090243901	04-24-86	1000	Silvis Well No. 4	17002	17002	--
413048090250301	04-24-86	1055	Silvis Well No. 5	17002	17002	--
413326090220701	02-10-87	1130	Cedar Brook Estates Subdivision Well No. 1	17002	17002	--
413328090215201	02-10-87	1200	Evergreen Village Subdivision Well No. 1	17002	17002	--
413447090204401	04-15-86	0925	Rapid City Well No. 1	17002	17002	--
413448090204301	04-15-86	1005	Rapid City Well No. 2	17002	17002	--
	06-13-86	1025	Rapid City Well No. 2	17002	17002	--
413558090102301	01-22-87	1030	Hillsdale Mobile Home Park Well No. 1	17002	17002	--
413614090194801	04-15-86	1150	Port Byron Well No. 3	17002	17002	--
413627090194801	04-15-86	1105	Port Byron Well No. 2	17002	17002	--
413649090175101	12-16-86	1000	Byron Hills Subdivision Well No. 2	17002	17002	--
413651090174801	12-16-86	1030	Byron Hills Subdivision Well No. 3	17002	17002	--
413657090180401	12-16-86	0915	Byron Hills Subdivision Well No. 6	17002	17002	--
413659090174701	12-16-86	0945	Byron Hills Subdivision Well No. 4	17002	17002	--
413746090200301	01-12-87	1020	Fairfield Road Addition Well No. 1	17002	17002	--
414045090193001	04-15-86	1240	Cordova Well No. 1	17002	17002	--
	04-15-86	1250	Cordova Well No. 1	17002	17002	--

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Rock Island County							
411949090402801	04-14-86	40	150	760	7.10	-288	15.0	35	19	130	5.0
412009090402301	04-14-86	420	150	785	7.00	-298	15.5	34	19	140	4.8
412037090401601	01-29-87	5	E15	--	--	--	--	36	18	120	3.9
412303090453701	11-07-86	65	45	--	7.30	--	15.5	35	21	100	3.8
412303090453702	11-07-86	60	70	--	7.10	--	14.5	34	20	120	3.5
412311090373501	12-15-86	10	E40	--	7.20	--	16.5	56	23	70	3.6
412400090343001	11-14-86	10	24	--	7.30	--	13.0	69	28	58	3.8
412400090343201	01-07-87	5	50	--	7.00	--	14.5	62	26	53	4.4
412403090343301	01-26-87	5	E15	--	7.20	--	10.5	65	27	55	2.9
412406090342701	02-12-87	--	15	--	7.10	--	11.0	86	30	53	4.8
412407090312901	01-12-87	5	--	--	7.00	--	13.5	72	30	7.6	.5
412408090343001	01-26-87	--	16	--	7.20	--	9.5	65	27	54	2.6
412410090313401	11-14-86	10	30	--	7.20	--	13.0	55	25	67	4.6
412412090331901	01-07-87	15	36	580	6.90	-197	14.0	61	28	53	3.8
412412090361501	01-08-87	10	58	--	7.20	--	14.5	50	20	70	4.7
412418090283001	01-22-87	5	150	--	7.20	--	12.0	51	24	83	3.9
412425090484601	11-07-86	10	--	--	7.40	--	15.0	35	18	110	3.2
412433090301901	01-20-87	5	E20	--	--	--	--	43	21	100	4.2
412435090340901	12-17-86	10	18	--	6.60	--	11.5	55	25	60	4.3
412439090312601	11-14-86	10	20	--	7.30	--	12.0	65	28	54	4.2
412446090312401	01-16-87	5	E15	--	7.40	--	12.5	94	39	41	4.3
412449090281801	02-09-87	5	E10	--	--	--	--	48	23	87	5.9
412501090272601	10-29-86	135	15	--	6.80	--	14.5	40	19	110	5.4
412526090452401	01-15-87	5	35	--	7.20	--	14.5	43	22	74	2.4
412527090454201	11-07-86	10	70	--	7.60	--	14.5	45	24	70	2.6
412532090390301	01-14-87	5	15	--	7.20	--	15.0	80	31	24	1.7
412532090391201	01-14-87	5	15	--	7.00	--	13.5	79	32	23	1.9
412534090391501	01-14-87	5	10	--	6.80	--	12.5	76	29	14	1.3
412534090392601	02-11-87	10	30	--	7.10	--	15.5	100	36	11	1.0
412535090391801	01-15-87	5	E15	--	7.00	--	13.5	77	30	16	1.5

412535090452901	11-07-86	5	15	--	7.40	--	14.5	45	24	70	2.8
412537090340901	01-07-87	10	75	--	7.50	--	14.5	66	29	47	4.1
412544090310301	11-17-86	5	100	--	6.90	--	14.5	65	29	54	4.1
412546090392101	01-14-87	5	--	--	7.10	--	13.5	75	29	14	1.4
412551090312701	02-09-87	5	E15	--	7.10	--	12.5	76	33	46	4.9
412555090265401	04-14-86	280	280	665	6.90	-273	13.5	50	24	88	5.0
412559090313301	01-20-87	--	E15	--	--	--	--	74	32	50	3.1
412600090273901	04-14-86	235	280	690	7.10	-278	13.5	43	21	99	5.1
412602090312101	11-14-86	10	25	--	7.50	--	11.0	65	30	56	3.7
412602090313701	12-17-86	5	--	--	7.30	--	11.5	130	49	22	2.7
412603090312701	02-09-87	5	E15	--	--	--	--	80	35	36	3.9
412603090423801	01-15-87	5	160	--	7.00	--	--	76	32	30	1.9
412616090312301	01-26-87	5	E15	--	7.10	--	12.5	99	38	11	.7
412630090312101	11-17-86	5	--	--	6.70	--	13.5	69	31	52	3.7
412634090431201	09-19-85	60	--	615	7.10	-76	13.5	76	33	13	1.1
412829090294801	01-22-87	5	20	--	6.80	--	15.5	220	85	100	2.2
412857090235101	02-11-87	5	E15	--	7.20	--	15.0	42	23	77	6.3
412858090235901	02-11-87	5	E15	--	7.20	--	15.5	34	18	91	5.8
412859090245901	12-16-86	10	120	745	7.00	390	14.0	55	25	96	3.5
412912090231601	01-21-87	5	E10	--	7.50	--	14.5	45	23	70	3.2
413003090252401	07-22-85	90	280	570	7.20	-183	13.5	51	25	39	3.1
413004090252901	02-10-87	20	E290	285	7.00	--	13.0	56	25	38	2.9
413030090244301	12-15-86	10	60	--	7.20	--	14.5	50	23	18	2.5
413038090241001	04-24-86	225	65	440	7.20	-187	13.5	74	34	5.6	2.0
413039090241701	04-24-86	185	75	455	7.20	65	13.5	47	22	21	2.3
413042090243901	04-24-86	75	80	500	7.10	-88	14.5	49	23	17	3.0
413048090250301	04-24-86	130	100	450	7.30	-15	13.5	49	23	19	2.4
413326090220701	02-10-87	10	100	--	6.80	--	16.0	120	46	11	3.1
413328090215201	02-10-87	10	50	--	7.00	--	14.0	95	39	12	2.3
413447090204401	04-15-86	205	250	740	6.80	-264	12.0	98	41	12	3.0
413448090204301	04-15-86	245	260	705	6.70	-299	12.0	93	40	12	2.3
	06-13-86	205	260	735	6.80	--	14.0	93	40	12	2.3
413558090102301	01-22-87	5	50	--	6.90	--	12.0	94	39	7.3	.5
413614090194801	04-15-86	>1,440	155	645	6.90	-217	12.0	85	35	14	1.0
413627090194801	04-15-86	125	165	430	7.10	-222	12.5	54	23	13	<.3
413649090175101	12-16-86	5	--	--	7.60	--	16.0	57	33	12	1.0
413651090174801	12-16-86	10	--	--	7.20	--	14.0	61	31	12	.9
413657090180401	12-16-86	5	--	--	6.80	--	17.5	55	35	13	.9
413659090174701	12-16-86	5	--	--	7.30	--	21.0	67	32	12	1.0
413746090200301	01-12-87	5	--	--	7.20	--	14.0	56	25	61	3.9
414045090193001	04-15-86	400	265	525	7.00	-196	12.0	70	32	2.4	.9
	04-15-86	--	--	--	--	--	--	--	--	--	--

E Estimated.

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Rock Island County						
411949090402801	04-14-86	--	410	39	8.8	0.8	9.0	484	<0.100	1.10	<0.010
412009090402301	04-14-86	--	421	40	8.4	.8	8.7	492	<.100	.930	<.010
412037090401601	01-29-87	--	408	34	12	.9	9.3	441	<.100	1.00	<.010
412303090453701	11-07-86	--	396	15	5.2	.7	9.5	428	<.100	1.10	<.010
412303090453702	11-07-86	--	401	16	5.8	.7	9.4	430	<.100	1.10	<.010
412311090373501	12-15-86	--	473	<10	1.1	.5	10	--	<.100	4.20	.110
412400090343001	11-14-86	--	416	<10	4.5	1.3	11	410	<.100	3.10	.030
412400090343201	01-07-87	--	381	<10	1.1	.4	11	457	.190	2.40	.030
412403090343301	01-26-87	--	386	<10	1.3	.4	11	386	1.60	.900	.120
412406090342701	02-12-87	--	427	<10	1.3	.3	11	484	.160	2.60	.050
412407090312901	01-12-87	--	292	10	2.3	.3	18	311	<.100	2.90	<.010
412408090343001	01-26-87	--	408	<10	1.6	.4	11	389	<.100	2.80	.050
412410090313401	11-14-86	--	394	<10	2.6	.4	9.4	408	<.100	3.00	.010
412412090331901	01-07-87	--	376	<10	1.7	.4	10	462	.110	3.00	<.010
412412090361501	01-08-87	--	375	<10	1.2	.3	9.4	416	.180	3.40	.010
412418090283001	01-22-87	--	406	26	3.5	.6	9.5	448	<.100	3.10	<.010
412425090484601	11-07-86	--	407	23	5.7	.7	9.6	429	<.100	.840	<.010
412433090301901	01-20-87	--	423	20	2.3	.6	9.4	459	<.100	2.90	<.010
412435090340901	12-17-86	--	397	<10	1.2	.4	10	--	<.100	3.00	<.010
412439090312601	11-14-86	--	403	<10	2.9	.4	10	430	<.100	2.50	.010
412446090312401	01-16-87	--	452	42	9.4	.6	10	488	.190	1.60	<.010
412449090281801	02-09-87	--	374	22	3.3	.5	--	448	.160	22.9	<.010
412501090272601	10-29-86	--	428	10	13	.6	8.8	576	<.100	2.80	<.010
412526090452401	01-15-87	--	369	16	3.4	.5	--	369	.820	1.30	<.010
412527090454201	11-07-86	--	358	20	3.4	.5	--	403	<.100	1.20	<.010
412532090390301	01-14-87	--	366	30	<1.0	.3	12	390	<.100	2.00	.030
412532090391201	01-14-87	--	362	37	1.1	.3	12	374	<.100	1.70	.040
412534090391501	01-14-87	--	350	16	<1.0	.3	13	338	<.100	1.60	.030
412534090392601	02-11-87	--	375	11	1.8	.1	--	484	<.100	.730	.240
412535090391801	01-15-87	--	349	20	<1.0	.3	13	365	<.100	1.70	.030

412535090452901	11-07-86	--	368	18	3.8	3.7	--	380	<.100	1.20	<.010
412537090340901	01-07-87	--	374	<10	2.0	.4	11	454	<.100	2.80	<.010
412544090310301	11-17-86	--	401	17	3.9	.4	9.8	416	<.100	2.90	.010
412546090392101	01-14-87	--	327	18	<1.0	.3	12	351	.110	1.50	.020
412551090312701	02-09-87	--	375	37	1.9	.4	8.6	466	.190	2.10	<.010
412555090265401	04-14-86	--	425	<10	2.8	.5	9.8	462	<.100	3.20	.010
412559090313301	01-20-87	--	408	31	1.6	.4	11	465	<.100	2.90	.010
412600090273901	04-14-86	--	413	<10	6.0	.6	9.0	465	<.100	2.60	.010
412602090312101	11-14-86	--	363	54	2.3	.4	11	444	<.100	2.80	.020
412602090313701	12-17-86	--	415	41	1.4	.4	11	--	.530	1.80	.060
412603090312701	02-09-87	--	384	21	2.7	.4	--	505	.100	2.20	.020
412603090423801	01-15-87	--	351	46	2.4	.4	--	385	<.100	1.60	.070
412616090312301	01-26-87	--	405	22	1.2	.3	18	409	<.100	.860	.090
412630090312101	11-17-86	--	405	19	4.0	.4	--	462	<.100	2.70	<.010
412634090431201	09-19-85	351	342	24	3.1	.3	20	372	<.100	.120	.020
412829090294801	01-22-87	--	424	88	420	.3	24	1,250	<.100	.670	<.010
412857090235101	02-11-87	--	347	16	2.5	.5	9.7	498	.140	2.20	<.010
412858090235901	02-11-87	--	335	20	2.6	.5	9.4	377	.270	2.70	<.010
412859090245901	12-16-86	--	400	33	28	.8	10	--	.160	2.20	<.010
412912090231601	01-21-87	--	352	23	2.4	.5	9.4	406	.630	2.00	<.010
413003090252401	07-22-85	316	324	11	2.0	.4	10	439	<.100	3.70	.010
413004090252901	02-10-87	--	309	<10	2.5	.4	10	367	<.100	2.80	.030
413030090244301	12-15-86	--	275	<10	6.0	.4	--	--	.130	2.30	<.010
413038090241001	04-24-86	--	239	<10	<1.0	.4	9.1	258	<.100	1.30	<.010
413039090241701	04-24-86	--	245	11	2.3	.4	9.4	275	<.100	1.30	<.010
413042090243901	04-24-86	--	265	26	1.8	.4	8.9	296	.420	1.30	<.010
413048090250301	04-24-86	--	247	<10	<1.0	.4	9.3	278	<.100	1.80	<.010
413326090220701	02-10-87	--	466	<10	1.8	.3	18	519	<.100	1.70	<.010
413328090215201	02-10-87	--	393	<10	2.4	.3	16	441	<.100	1.00	<.010
413447090204401	04-15-86	--	455	<10	8.9	.3	18	470	<.100	2.90	.030
413448090204301	04-15-86	--	414	19	5.8	.3	--	436	<.100	<.100	.020
	06-13-86	--	414	19	5.8	.3	16	436	<.100	1.70	.020
413558090102301	01-22-87	--	368	26	9.8	.3	--	442	.100	.280	.070
413614090194801	04-15-86	--	312	45	19	.5	--	624	.180	<.100	<.010
413627090194801	04-15-86	--	242	16	3.6	.6	--	283	<.100	.260	.010
413649090175101	12-16-86	--	308	<10	<1.0	.4	14	--	<.100	1.50	.120
413651090174801	12-16-86	--	311	<10	<1.0	.4	14	--	<.100	1.40	.100
413657090180401	12-16-86	--	310	<10	3.4	.3	8.8	--	<.100	1.10	.160
413659090174701	12-16-86	--	334	<10	<1.0	.4	14	--	<.100	1.30	.140
413746090200301	01-12-87	--	362	17	2.4	.4	9.4	374	.100	<.100	.040
414045090193001	04-15-86	--	276	27	3.5	.2	--	370	2.10	<.100	.010
	04-15-86	--	--	--	--	--	--	--	--	--	--

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Rock Island County						
411949090402801	04-14-86	<50	<1	70	<0.5	500	3	<5	8	<5	210
412009090402301	04-14-86	<50	<1	70	<.5	520	<3	<5	6	<5	<50
412037090401601	01-29-87	<50	<1	80	<.5	520	<3	<5	<5	<5	60
412303090453701	11-07-86	<50	<1	200	<.5	370	<3	<5	<5	<5	<50
412303090453702	11-07-86	<50	<1	200	<.5	350	<3	<5	<5	<5	<50
412311090373501	12-15-86	<50	2	1,000	<.5	360	<3	<5	<5	<5	220
412400090343001	11-14-86	<50	<1	600	<.5	350	<3	<5	<5	21	580
412400090343201	01-07-87	<50	<1	1,100	<.5	370	<3	<5	<5	33	320
412403090343301	01-26-87	<50	<1	1,000	<.5	330	<3	<5	<5	45	2,200
412406090342701	02-12-87	<50	<1	300	<.5	400	<3	<5	<5	<5	510
412407090312901	01-12-87	<50	2	60	<.5	<50	<3	<5	6	10	1,400
412408090343001	01-26-87	<50	<1	900	<.5	290	<3	<5	<5	<5	600
412410090313401	11-14-86	<50	<1	700	<.5	350	<3	<5	<5	<5	<50
412412090331901	01-07-87	<50	<1	1,100	<.5	340	<3	<5	<5	15	<50
412412090361501	01-08-87	<50	<1	1,000	<.5	420	<3	<5	<5	10	<50
412418090283001	01-22-87	<50	<1	200	<.5	430	<3	<5	<5	<5	650
412425090484601	11-07-86	<50	<1	100	<.5	300	<3	<5	<5	110	90
412433090301901	01-20-87	<50	<1	300	<.5	520	<3	<5	<5	<5	70
412435090340901	12-17-86	<50	<1	900	<.5	380	<3	<5	<5	<5	<50
412439090312601	11-14-86	<50	<1	300	<.5	350	<3	<5	<5	<5	70
412446090312401	01-16-87	<50	1	200	<.5	440	<3	<5	8	8	140
412449090281801	02-09-87	<50	<1	200	<.5	490	<3	<5	<5	<5	100
412501090272601	10-29-86	<50	<1	100	<.5	490	<3	<5	<5	6	200
412526090452401	01-15-87	<50	<1	200	<.5	220	<3	<5	<5	7	<50
412527090454201	11-07-86	90	<1	200	<.5	230	<3	9	6	39	140
412532090390301	01-14-87	<50	<1	200	<.5	110	<3	<5	6	1,300	5,900
412532090391201	01-14-87	<50	<1	200	<.5	--	<3	<5	<5	38	640
412534090391501	01-14-87	<50	<1	200	<.5	90	<3	<5	<5	<5	130
412534090392601	02-11-87	<50	26	400	<.5	<50	<3	<5	<5	<5	4,300
412535090391801	01-15-87	<50	<1	200	<.5	90	<3	<5	6	<5	290

412535090452901	11-07-86	60	<1	200	<.5	220	<3	<5	<5	<5	800
412537090340901	01-07-87	<50	<1	1,400	<.5	340	<3	<5	<5	<5	<50
412544090310301	11-17-86	<50	<1	200	<.5	450	<3	<5	<5	6	<50
412546090392101	01-14-87	<50	<1	200	<.5	90	<3	<5	<5	<5	970
412551090312701	02-09-87	<50	<1	200	<.5	540	<3	<5	<5	23	80
412555090265401	04-14-86	<50	<1	400	<.5	410	<3	<5	<5	<5	<50
412559090313301	01-20-87	490	<1	200	<.5	440	<3	<5	<5	26	930
412600090273901	04-14-86	<50	<1	300	<.5	430	<3	<5	<5	<5	<50
412602090312101	11-14-86	<50	<1	300	<.5	390	<3	<5	<5	28	100
412602090313701	12-17-86	<50	<1	200	<.5	300	<3	<5	7	21	160
412603090312701	02-09-87	<50	<1	300	<.5	400	<3	<5	5	<5	450
412603090423801	01-15-87	<50	<1	400	<.5	180	<3	<5	<5	<5	670
412616090312301	01-26-87	<50	<1	400	<.5	70	<3	<5	6	<5	5,000
412630090312101	11-17-86	<50	<1	100	<.5	410	<3	<5	<5	<5	70
412634090431201	09-19-85	<50	<1	300	<.5	<50	<3	<5	<5	<5	140
412829090294801	01-22-87	90	<1	400	<.5	60	<3	<5	10	11	710
412857090235101	02-11-87	<50	<1	60	<.5	420	<3	<5	<5	7	<50
412858090235901	02-11-87	<50	<1	30	<.5	350	<3	<5	<5	<5	120
412859090245901	12-16-86	<50	1	200	<.5	310	<3	<5	<5	54	680
412912090231601	01-21-87	<50	<1	50	<.5	300	<3	<5	<5	19	250
413003090252401	07-22-85	<50	<1	200	<.5	220	<3	<5	<5	<5	<50
413004090252901	02-10-87	<50	<1	300	<.5	250	<3	<5	<5	60	110
413030090244301	12-15-86	<50	<1	100	<.5	200	<3	<5	<5	<5	60
413038090241001	04-24-86	<50	<1	600	<.5	<50	<3	<5	<5	<5	810
413039090241701	04-24-86	<50	<1	60	<.5	150	<3	<5	<5	<5	<50
413042090243901	04-24-86	<50	<1	100	<.5	190	<3	<5	<5	<5	<50
413048090250301	04-24-86	<50	<1	80	<.5	150	<3	<5	<5	<5	<50
413326090220701	02-10-87	50	1	500	<.5	90	<3	<5	7	28	360
413328090215201	02-10-87	<50	<1	500	<.5	100	<3	<5	5	<5	160
413447090204401	04-15-86	<50	<1	500	<.5	120	<3	<5	<5	<5	100
413448090204301	04-15-86	<50	<1	400	<.5	130	<3	<5	<5	<5	<50
	06-13-86	<50	<1	400	<.5	130	<3	<5	<5	<5	<50
413558090102301	01-22-87	<50	2	100	<.5	<50	<3	<5	7	22	4,000
413614090194801	04-15-86	<50	<1	500	<.5	100	<3	<5	<5	<5	440
413627090194801	04-15-86	<50	1	600	<.5	90	<3	<5	<5	<5	460
413649090175101	12-16-86	<50	11	300	<.5	<50	<3	<5	<5	<5	1,700
413651090174801	12-16-86	<50	6	300	<.5	<50	<3	<5	<5	<5	1,600
413657090180401	12-16-86	<50	14	300	<.5	50	<3	<5	<5	<5	2,100
413659090174701	12-16-86	<50	8	300	<.5	<50	<3	<5	<5	<5	2,300
413746090200301	01-12-87	<50	1	900	<.5	350	<3	<5	<5	<5	<50
414045090193001	04-15-86	<50	<1	40	<.5	<50	<3	<5	<5	<5	<50
	04-15-86	--	--	--	--	--	--	--	--	--	--

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Rock Island County							
411949090402801	04-14-86	<5	7	<0.01	9	<1	<3	360	<5	<50	<0.010
412009090402301	04-14-86	<5	6	<.01	11	<1	<3	360	<5	<50	<.010
412037090401601	01-29-87	<5	7	.10	<5	<1	<3	370	<5	190	<.010
412303090453701	11-07-86	<5	<5	<.05	<5	<1	<3	310	<5	<50	<.010
412303090453702	11-07-86	<5	<5	<.05	<5	<1	<3	310	<5	<50	<.010
412311090373501	12-15-86	<5	8	.08	<5	<1	<3	520	<5	<100	<.010
412400090343001	11-14-86	<5	13	<.05	<5	<1	<3	640	<5	<100	<.010
412400090343201	01-07-87	8	5	<.05	<5	<1	<3	650	<5	120	<.010
412403090343301	01-26-87	<5	23	<.05	<5	<1	<3	580	<5	500	<.010
412406090342701	02-12-87	<5	24	.05	<5	<1	<3	740	<5	<100	<.010
412407090312901	01-12-87	<5	100	<.05	<5	<1	<3	100	<5	<50	<.010
412408090343001	01-26-87	7	<5	.10	<5	<1	<3	540	<5	460	<.010
412410090313401	11-14-86	<5	<5	<.05	<5	<1	<3	680	<5	<50	<.010
412412090331901	01-07-87	<5	<5	<.05	<5	<1	<3	680	<5	<100	<.010
412412090361501	01-08-87	<5	12	<.05	<5	<1	<3	650	<5	160	<.010
412418090283001	01-22-87	<5	7	<.05	6	<1	<3	600	<5	<50	<.010
412425090484601	11-07-86	11	6	<.05	<5	<1	<3	260	<5	460	<.010
412433090301901	01-20-87	<5	<5	<.05	<5	<1	<3	500	<5	<50	<.010
412435090340901	12-17-86	<5	<5	<.05	<5	<1	<3	580	<5	<50	<.010
412439090312601	11-14-86	<5	<5	<.05	<5	<1	<3	630	<5	<50	<.010
412446090312401	01-16-87	<5	130	.14	<5	<1	<3	900	<5	<50	<.010
412449090281801	02-09-87	<5	5	<.05	<5	<1	<3	650	<5	<100	<.010
412501090272601	10-29-86	<5	10	.06	<5	<1	<3	480	<5	<50	<.010
412526090452401	01-15-87	<5	<5	<.05	<5	<1	<3	280	<5	<50	<.010
412527090454201	11-07-86	33	9	<.05	12	<1	10	280	6	130	<.010
412532090390301	01-14-87	200	100	.21	<5	<1	<3	490	<5	650	<.010
412532090391201	01-14-87	<5	7	<.05	<5	<1	<3	520	<5	130	<.010
412534090391501	01-14-87	<5	<5	.11	<5	<1	<3	450	<5	<50	<.010
412534090392601	02-11-87	<5	35	<.05	<5	<1	<3	370	<5	<50	<.010
412535090391801	01-15-87	<5	<5	<.05	<5	<1	<3	460	<5	<100	<.010

412535090452901	11-07-86	<5	10	<.05	<5	<1	<3	280	<5	<50	<.010
412537090340901	01-07-87	<5	<5	<.05	<5	<1	<3	660	<5	<50	<.010
412544090310301	11-17-86	<5	<5	<.05	<5	<1	<3	720	<5	<50	<.010
412546090392101	01-14-87	<5	9	--	<5	<1	<3	450	<5	370	<.010
412551090312701	02-09-87	9	7	<.05	<5	<1	<3	920	<5	2,400	<.010
412555090265401	04-14-86	<5	<5	<.01	<5	<1	<3	550	<5	<50	<.010
412559090313301	01-20-87	<5	35	<.05	<5	<1	<3	690	<5	<50	<.010
412600090273901	04-14-86	<5	7	<.01	<5	<1	<3	460	<5	<50	<.010
412602090312101	11-14-86	8	<5	<.05	<5	<1	<3	630	<5	110	<.010
412602090313701	12-17-86	<5	20	.12	<5	<1	<3	530	<5	<100	<.010
412603090312701	02-09-87	<5	41	<.05	<5	<1	<3	720	<5	<100	<.010
412603090423801	01-15-87	<5	18	.14	<5	<1	<3	410	<5	<50	<.010
412616090312301	01-26-87	<5	90	.10	<5	<1	<3	250	<5	170	<.010
412630090312101	11-17-86	<5	<5	<.05	<5	<1	<3	650	<5	<50	<.010
412634090431201	09-19-85	<5	12	<.01	<5	<1	<3	120	<5	<50	<.010
412829090294801	01-22-87	<5	820	<.05	<5	<1	4	600	7	<50	<.010
412857090235101	02-11-87	<5	10	<.05	<5	<1	<3	530	<5	290	<.010
412858090235901	02-11-87	<5	7	<.05	<5	<1	<3	430	<5	190	<.010
412859090245901	12-16-86	15	18	<.05	39	<1	<3	450	<5	3,600	<.010
412912090231601	01-21-87	<5	6	<.05	<5	<1	<3	410	<5	170	<.010
413003090252401	07-22-85	<5	<5	<.01	<5	<1	<3	410	<5	<50	<.010
413004090252901	02-10-87	5	<5	<.05	<5	<1	<3	510	<5	130	<.010
413030090244301	12-15-86	<5	<5	<.05	<5	<1	<3	420	<5	<50	<.010
413038090241001	04-24-86	<5	24	<.01	<5	<1	<3	170	<5	<50	<.010
413039090241701	04-24-86	<5	<5	<.01	<5	<1	<3	320	<5	<50	<.010
413042090243901	04-24-86	<5	<5	<.01	<5	<1	<3	370	<5	<50	<.010
413048090250301	04-24-86	<5	5	<.01	<5	<1	<3	350	<5	<50	<.010
413326090220701	02-10-87	<5	<5	<.05	<5	<1	<3	350	<5	<100	<.010
413328090215201	02-10-87	<5	<5	<.05	<5	<1	<3	320	<5	<50	<.010
413447090204401	04-15-86	<5	6	<.01	<5	<1	<3	390	<5	<50	<.010
413448090204301	04-15-86	<5	6	<.01	<5	<1	<3	350	<5	<50	<.010
	06-13-86	<5	6	<.01	<5	<1	<3	350	<5	<50	<.010
413558090102301	01-22-87	<5	84	<.05	<5	<1	<3	100	<5	<100	<.010
413614090194801	04-15-86	<5	180	<.01	<5	<1	<3	180	<5	<50	<.010
413627090194801	04-15-86	<5	56	<.01	<5	<1	<3	200	<5	<50	<.010
413649090175101	12-16-86	<5	11	<.05	7	<1	<3	200	<5	<50	<.010
413651090174801	12-16-86	<5	11	<.05	<5	<1	<3	200	<5	<100	<.010
413657090180401	12-16-86	<5	10	<.05	<5	<1	<3	230	<5	<50	<.010
413659090174701	12-16-86	<5	12	<.05	<5	<1	<3	200	<5	<50	<.010
413746090200301	01-12-87	<5	7	<.05	<5	<1	<3	680	<5	<100	<.010
414045090193001	04-15-86	<5	8	<.01	<5	<1	<3	90	<5	<50	<.010
	04-15-86	--	--	--	--	--	--	--	--	--	--

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Rock Island County					
411949090402801	04-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412009090402301	04-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412037090401601	01-29-87	<5	3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412303090453701	11-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412303090453702	11-07-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
412311090373501	12-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412400090343001	11-14-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
412400090343201	01-07-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412403090343301	01-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412406090342701	02-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412407090312901	01-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412408090343001	01-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412410090313401	11-14-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
412412090331901	01-07-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412412090361501	01-08-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412418090283001	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412425090484601	11-07-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
412433090301901	01-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412435090340901	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412439090312601	11-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412446090312401	01-16-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412449090281801	02-09-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412501090272601	10-29-86	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412526090452401	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412527090454201	11-07-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
412532090390301	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412532090391201	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412534090391501	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412534090392601	02-11-87	<5	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412535090391801	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

412535090452901	11-07-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
412537090340901	01-07-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412544090310301	11-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412546090392101	01-14-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412551090312701	02-09-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412555090265401	04-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412559090313301	01-20-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412600090273901	04-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412602090312101	11-14-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
412602090313701	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412603090312701	02-09-87	<5	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412603090423801	01-15-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412616090312301	01-26-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412630090312101	11-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412634090431201	09-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412829090294801	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412857090235101	02-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412858090235901	02-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412859090245901	12-16-86	<5	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412912090231601	01-21-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413003090252401	07-22-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413004090252901	02-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413030090244301	12-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413038090241001	04-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413039090241701	04-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413042090243901	04-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413048090250301	04-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413326090220701	02-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413328090215201	02-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413447090204401	04-15-86	<5	--	--	--	--	--	--	--	--
413448090204301	04-15-86	<5	--	--	--	--	--	--	--	--
	06-13-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413558090102301	01-22-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413614090194801	04-15-86	<5	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0
413627090194801	04-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413649090175101	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413651090174801	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413657090180401	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413659090174701	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413746090200301	01-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414045090193001	04-15-86	15	--	--	--	--	--	--	--	--
	04-15-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Rock Island County						
411949090402801	04-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412009090402301	04-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412037090401601	01-29-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412303090453701	11-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412303090453702	11-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412311090373501	12-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412400090343001	11-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412400090343201	01-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412403090343301	01-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412406090342701	02-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412407090312901	01-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412408090343001	01-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412410090313401	11-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412412090331901	01-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412412090361501	01-08-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412418090283001	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412425090484601	11-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412433090301901	01-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412435090340901	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412439090312601	11-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412446090312401	01-16-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412449090281801	02-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412501090272601	10-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412526090452401	01-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412527090454201	11-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412532090390301	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412532090391201	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412534090391501	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412534090392601	02-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412535090391801	01-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

412535090452901	11-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412537090340901	01-07-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412544090310301	11-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412546090392101	01-14-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412551090312701	02-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412555090265401	04-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412559090313301	01-20-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412600090273901	04-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412602090312101	11-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412602090313701	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412603090312701	02-09-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412603090423801	01-15-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412616090312301	01-26-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412630090312101	11-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412634090431201	09-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412829090294801	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412857090235101	02-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412858090235901	02-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412859090245901	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412912090231601	01-21-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413003090252401	07-22-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413004090252901	02-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413030090244301	12-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413038090241001	04-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413039090241701	04-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413042090243901	04-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413048090250301	04-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413326090220701	02-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413328090215201	02-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413447090204401	04-15-86	--	--	--	--	--	--	--	--	--
413448090204301	04-15-86	--	--	--	--	--	--	--	--	--
	06-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413558090102301	01-22-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413614090194801	04-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413627090194801	04-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413649090175101	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413651090174801	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413657090180401	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413659090174701	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413746090200301	01-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414045090193001	04-15-86	--	--	--	--	--	--	--	--	--
	04-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Stark County			
410541089515101	03-11-87	1450	Toulon Well No. 2	17002	17002	--
			Stephenson County			
422524089493301	09-05-85	1330	Lake Le-Aqua-Na State Park Well No. 6	17002	17002	--
			Warren County			
410039090450101	09-10-86	1225	Little York Well No. 3	17002	17002	--
410349090331701	09-10-86	1335	Alexis Well No. 2	17002	17002	--
			Whiteside County			
413920090044401	06-24-86	1240	Erie Well No. 1	17002	17002	--
414017089555301	12-04-86	1135	Prophetstown Well No. 3	17002	17002	--
414305089550901	07-10-86	1235	Lyndon Well No. 1	17002	17002	--
414307089551201	07-10-86	1145	Lyndon Well No. 2	17002	17002	20.00
414622089442701	12-16-86	1341	Riverside Estates Mobile Home Park Well No. 1	17002	17002	--
414625089442501	12-16-86	1405	Riverside Estates Mobile Home Park Well No. 3	17002	17002	--
414627089443401	12-16-86	1442	Riverside Estates Mobile Home Park Well No. 2	17002	17002	--
			Will County			
411953087481501	08-07-85	1310	Peotone Well No. 3	81700	17002	41.00
411958087472201	08-07-85	1030	Peotone Well No. 1	81700	17002	55.00
412015087472301	08-07-85	1145	Peotone Well No. 4	17002	17002	76.00
	08-07-85	1150	Peotone Well No. 4	17002	17002	--
412229088150001	06-27-85	1150	Channahon Parkway State Park Well No. 2	17002	17002	--
412414088063901	06-27-85	0955	Elwood Well No. 3	17002	17002	--
412518087590901	03-20-85	1225	Manhattan Well No. 2	81700	17002	55.00
412603087444901	08-22-85	1040	Consumers Illinois Water Company Well No. 3	17002	17002	--
412603087452601	08-22-85	1205	Consumers Illinois Water Company Well No. 6	17002	17002	--
412607087374801	09-25-85	1300	Crete Well No. 5	17002	17002	--

412610087403901	08-21-85	0955	Consumers Illinois Water Company Well No. 1	17002	17002	--
412615087410901	08-21-85	1135	Consumers Illinois Water Company Well No. 2	17002	17002	80.00
412727087350901	09-25-85	1030	Crete Well No. 6	17002	17002	--
412809087363001	09-25-85	1140	Crete Well No. 4	17002	17002	--
412854087503501	11-12-85	1400	Frankfort Well No. 5	17002	17002	140.00
412909087590301	07-02-85	1510	New Lenox Well No. 5	17002	17002	47.00
	06-24-86	1355	New Lenox Well No. 5	17002	17002	99.00
412942088044901	06-26-85	1330	Southeast Joliet Sanitary District Well No. 1	17002	17002	55.00
412950087514301	03-14-85	0930	Frankfort Well No. 3	81700	17002	130.00
	12-12-86	1335	Frankfort Well No. 3	81700	17002	125.00
	05-13-87	1355	Frankfort Well No. 3	81700	17002	18.00
412955087481001	12-11-85	1020	Prestwick Utility Corporation Well No. 1	17002	17002	--
413001087582001	07-03-85	1020	New Lenox Well No. 2	17002	17002	26.00
	06-24-86	1155	New Lenox Well No. 2	17002	17002	66.00
413001087582002	07-02-85	1410	New Lenox Well No. 3	17002	17002	--
	06-24-86	1105	New Lenox Well No. 3	17002	17002	93.00
413010088042901	08-13-85	1255	Clearview Well No. 2	17002	17002	--
413015088043201	08-13-85	1355	Clearview Well No. 1	17002	17002	--
413053087580201	07-03-85	1130	New Lenox Well No. 4	17002	17002	38.00
	06-24-86	1010	New Lenox Well No. 4	17002	17002	64.00
413054087580201	06-24-86	1300	New Lenox Well No. 6	17002	17002	70.00
413117087481701	12-11-85	0915	Frankfort Square Well No. 1	17002	17002	--
413118087481601	12-11-85	0940	Frankfort Square Well No. 2	17002	17002	--
413158088023401	07-10-85	1915	Fairacres Well No. 1	17002	17002	--
413314088061101	08-14-85	1005	Crest Hill Well No. 7	17002	17002	56.00
413337088055501	08-14-85	1140	Crest Hill Well No. 1	17002	17002	73.00
413414088083801	08-14-85	1400	Sunnyland Well No. 3	17002	17002	--
413514088011901	03-20-85	1020	Lockport Well No. 5	81700	17002	81.50
	12-12-86	0915	Lockport Well No. 5	81700	17002	82.00
	12-12-86	0920	Lockport Well No. 5	17002	17002	82.00
	05-13-87	0925	Lockport Well No. 5	81700	17002	81.50
413514088093301	07-11-85	1055	Central States Utility Company Well No. 1	17002	17002	138.00
	07-11-85	1100	Central States Utility Company Well No. 1	17002	17002	138.00
413556088020101	12-18-85	1105	Bonnie Brae First Manor Sanitary Dist. Well No. 1	17002	17002	--
413723087554501	09-05-85	1050	Derby Meadows Utility Company Well No. 3	17002	17002	116.00
413804087545701	09-04-85	1430	Derby Meadows Utility Company Well No. 1	17002	17002	73.00
413804087545702	09-04-85	1540	Derby Meadows Utility Company Well No. 2	17002	17002	73.00
413810087564901	09-18-85	0950	Chickasaw Hills Utility Company Well No. 1	17002	17002	--
413911088051601	07-10-85	1405	Romeoville Well No. 1	17002	17002	122.00
414020088041301	08-15-85	1040	Romeoville Well No. 5	17002	17002	97.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
					Stark County						
410541089515101	03-11-87	10	250	--	7.30	--	14.5	19	9.3	1,000	15
					Stephenson County						
422524089493301	09-05-85	10	--	--	--	--	--	74	38	4.2	.3
					Warren County						
410039090450101	09-10-86	25	85	1,800	7.30	-208	16.0	82	35	320	23
410349090331701	09-10-86	25	275	1,630	7.40	-251	16.5	49	23	290	17
					Whiteside County						
413920090044401	06-24-86	>1,440	210	500	6.40	-48	13.5	71	24	3.4	1.2
414017089555301	12-04-86	37	220	485	7.60	-170	12.5	64	26	4.8	.5
414305089550901	07-10-86	125	200	695	7.10	-150	13.5	85	41	10	6.8
414307089551201	07-10-86	34	170	570	7.00	--	14.0	65	34	15	6.4
414622089442701	12-16-86	5	--	--	--	--	--	100	43	8.6	1.2
414625089442501	12-16-86	11	--	--	--	--	--	85	34	4.9	.9
414627089443401	12-16-86	6	--	--	--	--	--	82	32	4.8	1.1
					Will County						
411953087481501	08-07-85	115	1,150	1,480	7.10	-44	12.5	210	83	48	10
411958087472201	08-07-85	80	300	1,150	7.00	-56	15.0	140	59	42	7.9
412015087472301	08-07-85	115	1,000	1,040	7.00	-21	13.0	120	56	42	8.1
	08-07-85	--	--	--	--	--	--	120	56	42	8.0
412229088150001	06-27-85	140	--	1,320	8.00	808	16.5	52	25	180	19
412414088063901	06-27-85	115	88	680	6.90	-134	13.5	66	36	40	2.7
412518087590901	03-20-85	205	105	885	7.10	-27	13.0	110	53	23	3.0
412603087444901	08-22-85	100	950	1,080	6.90	-86	12.5	150	60	31	6.8
412603087452601	08-22-85	85	600	1,070	6.90	-97	12.5	160	55	30	6.2
412607087374801	09-25-85	105	400	785	7.00	-89	12.5	97	48	7.5	1.9

412610087403901	08-21-85	<720	600	705	7.00	-72	12.5	86	45	10	1.9
412615087410901	08-21-85	95	850	750	7.00	-107	13.0	21	14	100	1.7
412727087350901	09-25-85	70	325	790	7.10	-88	12.0	96	48	15	4.0
412809087363001	09-25-85	60	650	995	7.00	-93	12.5	120	66	17	4.8
412854087503501	11-12-85	300	495	1,230	7.10	-98	11.5	190	68	40	7.5
412909087590301	07-02-85	130	270	1,010	7.40	-60	14.0	220	78	40	7.8
	06-24-86	75	285	780	7.10	-62	11.5	--	--	--	--
412942088044901	06-26-85	150	E350	995	6.80	-78	13.5	110	58	26	3.8
412950087514301	03-14-85	135	550	970	7.00	-89	12.5	130	50	23	4.1
	12-12-86	50	500	980	6.90	-48	12.5	130	49	24	2.8
	05-13-87	60	550	980	7.00	-55	12.5	130	50	26	3.0
412955087481001	12-11-85	18	500	--	--	--	--	130	62	21	5.2
413001087582001	07-03-85	140	120	1,310	7.00	-78	13.0	200	59	33	6.1
	06-24-86	75	140	675	7.00	-18	12.0	--	--	--	--
413001087582002	07-02-85	130	245	1,190	6.80	53	13.0	220	64	39	6.7
	06-24-86	65	370	713	7.00	-15	11.0	--	--	--	--
413010088042901	08-13-85	175	--	1,270	7.00	-95	13.5	130	65	62	4.8
413015088043201	08-13-85	235	--	1,270	7.00	-91	13.5	130	67	62	4.2
413053087580201	07-03-85	270	265	1,160	7.00	-80	13.0	130	59	49	3.7
	06-24-86	70	285	645	7.00	--	11.5	--	--	--	--
413054087580201	06-24-86	270	130	705	7.00	-69	11.0	190	72	38	8.8
413117087481701	12-11-85	8	550	--	--	--	--	120	63	17	3.2
413118087481601	12-11-85	23	580	--	--	--	--	110	58	13	3.0
413158088023401	07-10-85	135	18	1,640	6.70	-17	13.0	160	71	47	3.6
413314088061101	08-14-85	60	E258	825	7.00	-40	13.0	83	40	23	4.2
413337088055501	08-14-85	85	--	720	7.00	-63	12.5	96	50	22	4.8
413414088083801	08-14-85	80	E35	950	7.10	-112	13.0	100	49	43	2.1
413514088011901	03-20-85	110	350	950	7.10	156	11.5	120	66	9.8	2.6
	12-12-86	135	400	1,000	7.00	137	11.0	120	66	11	1.7
	12-12-86	140	400	1,000	7.00	137	11.0	120	65	11	1.7
	05-13-87	175	400	980	7.00	109	11.5	120	65	11	1.8
413514088093301	07-11-85	85	190	695	6.80	-110	12.5	110	55	63	3.4
	07-11-85	90	190	695	6.80	-110	12.5	81	44	9.7	1.7
413556088020101	12-18-85	29	450	--	7.10	68	11.5	88	50	8.2	2.2
413723087554501	09-05-85	50	500	1,040	7.10	-120	13.0	130	60	30	3.4
413804087545701	09-04-85	640	640	950	7.20	-127	12.5	110	57	27	3.1
413804087545702	09-04-85	80	E600	1,000	7.20	-122	12.5	120	60	29	3.4
413810087564901	09-18-85	>1,440	235	840	7.10	-110	12.5	96	45	22	3.3
413911088051601	07-10-85	275	E350	910	7.20	-17	13.5	94	51	12	2.7
414020088041301	08-15-85	105	330	795	7.10	252	12.0	98	52	11	1.7

E Estimated.

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Stark County						
410541089515101	03-11-87	--	471	200	600	1.9	8.5	1,720	0.100	1.20	<0.010
					Stephenson County						
422524089493301	09-05-85	--	337	23	4.1	.1	16	411	.280	<.100	.010
					Warren County						
410039090450101	09-10-86	249	250	580	160	3.1	--	1,310	<.100	1.20	<.010
410349090331701	09-10-86	--	340	350	110	1.9	8.5	1,030	<.100	1.20	.020
					Whiteside County						
413920090044401	06-24-86	257	257	16	1.9	.2	--	324	<.100	<.100	.010
414017089555301	12-04-86	--	299	<10	<1.0	.1	22	322	<.100	.270	.120
414305089550901	07-10-86	287	287	51	29	.2	--	552	10.0	<.100	<.010
414307089551201	07-10-86	347	347	12	1.6	.4	--	404	<.100	.480	<.010
414622089442701	12-16-86	--	330	34	34	.1	17	529	20.0	<.100	.020
414625089442501	12-16-86	--	328	25	12	.1	13	--	4.00	<.100	.010
414627089443401	12-16-86	--	330	20	6.7	.1	--	364	.140	<.100	.020
					Will County						
411953087481501	08-07-85	252	247	680	11	.4	8.4	1,370	<.100	.500	.010
411958087472201	08-07-85	308	303	380	6.0	1.1	9.9	949	<.100	.310	.110
412015087472301	08-07-85	319	311	330	3.6	.5	9.1	852	<.100	.400	.020
	08-07-85	--	313	320	3.5	.7	9.3	833	<.100	.400	.020
412229088150001	06-27-85	331	294	140	130	1.2	6.9	924	.100	<.100	.020
412414088063901	06-27-85	340	340	63	1.0	.4	13	438	<.100	.520	<.010
412518087590901	03-20-85	372	376	180	6.4	.3	16	659	<.100	.300	<.010
412603087444901	08-22-85	322	311	400	1.3	.5	10	1,210	<.100	.530	<.010
412603087452601	08-22-85	310	302	420	1.0	.5	12	1,010	<.100	.680	<.010
412607087374801	09-25-85	361	355	100	9.1	.2	18	521	<.100	.100	.010

412610087403901	08-21-85	381	374	47	1.4	.2	14	472	<.100	.250	.020
412615087410901	08-21-85	423	97	240	8.2	.9	9.3	501	<.100	.210	.010
412727087350901	09-25-85	382	363	110	1.6	.3	11	559	<.100	.290	.010
412809087363001	09-25-85	373	354	260	22	.3	12	768	<.100	.230	<.010
412854087503501	11-12-85	345	327	470	1.0	.5	13	1,010	<.100	.650	<.010
412909087590301	07-02-85	258	247	730	3.0	.3	11	1,370	<.100	--	<.010
	06-24-86	--	--	--	--	--	--	--	--	--	--
412942088044901	06-26-85	366	369	170	28	.2	13	965	<.100	.300	<.010
412950087514301	03-14-85	396	387	210	<1.0	.5	17	657	<.100	.600	.090
	12-12-86	--	391	200	1.0	.5	--	721	<.100	.620	.020
	05-13-87	--	384	200	1.0	.5	17	655	<.100	.590	.010
412955087481001	12-11-85	--	354	230	22	1.1	11	692	<.100	<.100	.090
413001087582001	07-03-85	295	288	530	1.6	.3	10	1,120	<.100	.550	<.010
	06-24-86	--	--	--	--	--	--	--	--	--	--
413001087582002	07-02-85	272	262	650	3.1	.3	11	1,280	<.100	.630	<.010
	06-24-86	--	--	--	--	--	--	--	--	--	--
413010088042901	08-13-85	388	384	180	130	.2	12	967	<.100	<.100	<.010
413015088043201	08-13-85	406	391	190	130	.2	14	1,000	<.100	.130	<.010
413053087580201	07-03-85	344	338	205	89	.2	11	913	<.100	.180	<.010
	06-24-86	--	--	--	--	--	--	--	--	--	--
413054087580201	06-24-86	247	247	610	1.2	.4	--	1,130	<.100	.800	.200
413117087481701	12-11-85	--	370	190	10	.3	14	603	<.100	<.100	<.010
413118087481601	12-11-85	--	365	150	8.3	.2	13	547	<.100	<.100	<.010
413158088023401	07-10-85	414	373	280	99	.2	16	1,020	<.100	.430	<.010
413314088061101	08-14-85	362	352	65	9.3	.4	9.4	468	<.100	.300	.010
413337088055501	08-14-85	366	357	120	22	.3	9.4	586	<.100	.150	.010
413414088083801	08-14-85	331	313	120	82	.2	15	747	<.100	<.100	<.010
413514088011901	03-20-85	359	358	220	7.7	.2	13	720	.760	<.100	<.010
	12-12-86	--	365	220	7.1	.2	--	708	.620	<.100	.010
	12-12-86	--	364	230	7.7	.3	--	698	.560	<.100	<.010
	05-13-87	--	345	210	11	.2	13	684	1.90	<.100	<.010
413514088093301	07-11-85	335	327	140	130	.3	14	883	<.100	.300	<.010
	07-11-85	335	331	69	4.8	.3	--	452	<.100	.210	<.010
413556088020101	12-18-85	295	303	120	23	.3	12	558	5.50	<.100	<.010
413723087554501	09-05-85	352	341	290	2.1	.5	18	734	<.100	.790	<.010
413804087545701	09-04-85	334	325	240	5.3	.4	16	573	<.100	.640	<.010
413804087545702	09-04-85	330	320	280	5.7	.4	15	734	<.100	.680	<.010
413810087564901	09-18-85	357	341	150	3.6	.4	14	564	.100	.550	.020
413911088051601	07-10-85	311	334	100	28	.2	16	565	<.100	.540	.020
414020088041301	08-15-85	300	287	130	41	.1	13	669	2.40	.160	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Stark County						
410541089515101	03-11-87	<50	<1	30	<0.5	1,600	<3	<5	<5	<5	100
					Stephenson County						
422524089493301	09-05-85	<50	4	30	<.5	<50	<3	<5	<5	22	170
					Warren County						
410039090450101	09-10-86	<50	<1	10	7.0	1,200	<3	<5	<5	<5	260
410349090331701	09-10-86	<50	<1	20	4.0	1,000	<3	<5	<5	9	390
					Whiteside County						
413920090044401	06-24-86	<50	<1	400	<1.0	<50	<3	<5	<5	<5	660
414017089555301	12-04-86	<50	4	500	<.5	<50	<3	<5	<5	<5	440
414305089550901	07-10-86	<50	<1	100	<1.0	<50	<3	<5	<5	<5	90
414307089551201	07-10-86	<50	<1	80	<1.0	100	<3	<5	<5	<5	100
414622089442701	12-16-86	220	<1	50	<.5	<50	<3	<5	<5	<5	190
414625089442501	12-16-86	200	1	80	<.5	<50	<3	<5	<5	<5	550
414627089443401	12-16-86	<50	4	100	<.5	<50	<3	<5	<5	<5	1,700
					Will County						
411953087481501	08-07-85	<50	<1	10	<.5	920	<3	<5	<5	<5	<50
411958087472201	08-07-85	<50	6	10	<.5	880	<3	<5	<5	<5	330
412015087472301	08-07-85	<50	2	10	<.5	950	<3	<5	<5	<5	<50
	08-07-85	<50	<1	10	<.5	940	<3	<5	<5	<5	<50
412229088150001	06-27-85	<50	<1	20	<.5	770	<3	<5	<5	37	1,300
412414088063901	06-27-85	<50	1	50	<.5	440	<3	6	<5	<5	610
412518087590901	03-20-85	<50	4	90	<.5	190	<3	<5	<5	<5	440
412603087444901	08-22-85	<50	3	10	<1.0	630	<3	<5	<5	<5	430
412603087452601	08-22-85	<50	5	10	<1.0	580	<3	<5	<5	<5	740
412607087374801	09-25-85	<50	<1	80	<1.0	60	<3	<5	<5	<5	800

412610087403901	08-21-85	<50	3	90	<.5	100	<3	<5	<5	<5	370
412615087410901	08-21-85	<50	<1	10	<.5	810	<3	<5	<5	<5	60
412727087350901	09-25-85	<50	<1	30	<.5	330	<3	<5	<5	<5	660
412809087363001	09-25-85	<50	<1	30	<2.0	310	<3	<5	<5	<5	720
412854087503501	11-12-85	<50	3	10	<.5	710	<3	<5	<5	<5	840
412909087590301	07-02-85	<50	5	9	<.5	450	<3	<5	<5	<5	1,600
	06-24-86	--	--	--	--	--	--	--	--	--	--
412942088044901	06-26-85	<50	2	40	<.5	210	<3	<5	<5	<5	460
412950087514301	03-14-85	<50	12	20	<.5	320	<3	<5	<5	<5	1,100
	12-12-86	<50	15	20	<.5	310	<3	<5	<5	<5	1,100
	05-13-87	50	15	20	<.5	350	<3	<5	9	<5	1,000
412955087481001	12-11-85	<50	1	30	<.5	270	<3	<5	<5	8	200
413001087582001	07-03-85	50	2	10	<.5	470	<3	<5	<5	<5	1,100
	06-24-86	--	--	--	--	--	--	--	--	--	--
413001087582002	07-02-85	<50	2	10	<.5	470	<3	<5	<5	<5	1,400
	06-24-86	--	--	--	--	--	--	--	--	--	--
413010088042901	08-13-85	<50	1	60	<1.0	220	<3	<5	<5	<5	1,000
413015088043201	08-13-85	<50	2	60	<.5	210	<3	<5	<5	<5	1,500
413053087580201	07-03-85	<50	2	30	<.5	160	<3	<5	<5	<5	590
	06-24-86	--	--	--	--	--	--	--	--	--	--
413054087580201	06-24-86	50	4	9	2.0	620	<3	<5	<5	<5	1,700
413117087481701	12-11-85	<50	1	60	<.5	150	<3	<5	<5	9	320
413118087481601	12-11-85	<50	1	60	<.5	110	<3	<5	<5	<5	280
413158088023401	07-10-85	<50	3	70	<.5	100	<3	<5	<5	<5	1,900
413314088061101	08-14-85	<50	<1	70	<.5	250	<3	<5	<5	<5	150
413337088055501	08-14-85	<50	2	60	<.5	240	<3	<5	<5	<5	130
413414088083801	08-14-85	<50	<1	100	<.5	130	<3	<5	<5	<5	1,700
413514088011901	03-20-85	<50	<1	50	<.5	80	<3	<5	<5	<5	<5
	12-12-86	50	<1	50	<.5	70	<3	<5	<5	<5	<50
	12-12-86	<50	<1	50	<.5	90	<3	<5	7	<5	<50
	05-13-87	80	<1	50	<.5	100	<3	<5	10	<5	<50
413514088093301	07-11-85	<50	2	60	<.5	140	<3	<5	<5	<5	690
	07-11-85	<50	4	100	<.5	70	<3	<5	<5	<5	1,600
413556088020101	12-18-85	<50	<1	40	<.5	70	<3	<5	<5	<5	<50
413723087554501	09-05-85	<50	8	20	<1.0	350	<3	<5	<5	13	1,400
413804087545701	09-04-85	<50	4	50	<.5	300	<3	<5	<5	<5	910
413804087545702	09-04-85	<50	4	40	<.5	320	<3	<5	<5	<5	820
413810087564901	09-18-85	<50	4	70	<.5	230	<3	<5	<5	<5	800
413911088051601	07-10-85	<50	<1	80	<.5	60	<3	<5	<5	<5	1,600
414020088041301	08-15-85	<50	<1	60	<.5	<50	<3	<5	<5	<5	<50

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Stark County						
410541089515101	03-11-87	<5	<5	0.18	32	<1	<3	810	<5	<50	<0.010
					Stephenson County						
422524089493301	09-05-85	7	6	.01	<5	2	<3	50	<5	470	<.010
					Warren County						
410039090450101	09-10-86	<5	9	<.05	<5	<1	<3	3,200	<5	<50	<.010
410349090331701	09-10-86	<5	10	<.05	<5	<1	<3	1,800	<5	<50	<.010
					Whiteside County						
413920090044401	06-24-86	<5	600	<.01	5	<1	<3	90	<5	<50	<.010
414017089555301	12-04-86	<5	630	<.05	<5	<1	<3	120	<5	<50	<.010
414305089550901	07-10-86	<5	6	<.01	<5	<1	<3	690	<5	<50	<.010
414307089551201	07-10-86	<5	<5	<.01	<5	<1	<3	1,500	<5	<50	<.010
414622089442701	12-16-86	<5	13	<.05	<5	<1	<3	120	<5	<50	<.010
414625089442501	12-16-86	<5	72	<.05	<5	<1	<3	90	<5	<50	<.010
414627089443401	12-16-86	<5	49	<.05	<5	<1	<3	80	<5	<50	<.010
					Will County						
411953087481501	08-07-85	<5	5	.06	<5	1	<3	2,300	<5	<50	<.010
411958087472201	08-07-85	<5	23	<.01	<5	2	<3	1,600	<5	<50	<.010
412015087472301	08-07-85	<5	<5	<.01	<5	1	<3	1,300	<5	<50	<.010
	08-07-85	<5	<5	<.01	<5	<1	<3	1,300	<5	<50	<.010
412229088150001	06-27-85	13	6	.13	<5	1	<3	2,000	<5	2,700	<.010
412414088063901	06-27-85	<5	14	<.01	7	2	5	1,100	<5	<50	<.010
412518087590901	03-20-85	<5	55	<.10	<5	<1	<3	920	<5	<50	<.010
412603087444901	08-22-85	<5	8	<.01	<5	--	<3	1,700	<5	<50	<.010
412603087452601	08-22-85	<5	12	<.01	<5	--	<3	1,900	<5	<50	<.010
412607087374801	09-25-85	<5	20	.02	7	<1	<3	170	<5	<50	<.010

412610087403901	08-21-85	<5	22	<.01	<5	--	<3	290	<5	<50	<.010
412615087410901	08-21-85	<5	<5	<.01	<5	--	<3	880	<5	<50	<.010
412727087350901	09-25-85	<5	7	<.01	<5	<1	<3	520	<5	<50	<.010
412809087363001	09-25-85	<5	13	<.01	<5	<1	<3	520	<5	<100	<.010
412854087503501	11-12-85	<5	8	<.01	<5	<1	<3	2,000	<5	<50	<.010
412909087590301	07-02-85	<5	19	<.01	<5	<1	<3	2,100	<5	<50	<.010
	06-24-86	--	--	--	--	--	--	--	--	--	--
412942088044901	06-26-85	<5	17	<.01	<5	<1	<3	760	<5	<50	<.010
412950087514301	03-14-85	<5	<5	<.01	<5	<1	<3	1,300	<5	<50	<.010
	12-12-86	<5	<5	<.05	<5	<1	<3	1,000	<5	<50	<.010
	05-13-87	<5	5	<.05	8	<1	<3	1,100	<5	<50	<.010
412955087481001	12-11-85	<5	19	<.01	<5	<1	<3	610	<5	140	<.010
413001087582001	07-03-85	<5	27	<.01	<5	<1	5	1,900	<5	<50	<.010
	06-24-86	--	--	--	--	--	--	--	--	--	--
413001087582002	07-02-85	<5	45	<.01	<5	<1	<3	2,200	<5	<50	<.010
	06-24-86	--	--	--	--	--	--	--	--	--	--
413010088042901	08-13-85	<5	44	<.01	<5	<1	<3	360	5	<50	<.010
413015088043201	08-13-85	<5	75	<.01	<5	1	<3	290	<5	<50	<.010
413053087580201	07-03-85	<5	34	.09	<5	1	<3	650	<5	<50	<.010
	06-24-86	--	--	--	--	--	--	--	--	--	--
413054087580201	06-24-86	<5	27	<.01	<5	<1	<3	1,900	<5	<50	<.010
413117087481701	12-11-85	<5	17	<.01	<5	<1	<3	590	<5	<50	<.010
413118087481601	12-11-85	<5	19	<.01	<5	<1	<3	370	<5	<50	<.010
413158088023401	07-10-85	<5	37	<.01	<5	<1	<3	610	<5	<50	<.010
413314088061101	08-14-85	<5	10	<.01	<5	1	<3	580	<5	<50	<.010
413337088055501	08-14-85	<5	15	.06	<5	1	<3	610	<5	<50	<.010
413414088083801	08-14-85	<5	42	<.01	<5	1	<3	270	<5	<50	<.010
413514088011901	03-20-85	<5	<5	<.10	<5	<1	<3	340	<5	<50	<.010
	12-12-86	<5	6	<.05	<5	<1	<3	330	<5	<50	<.010
	12-12-86	<5	6	<.05	<5	<1	<3	320	<5	<50	<.010
	05-13-87	<5	6	<.05	6	<1	<3	320	<5	<50	<.010
413514088093301	07-11-85	<5	28	<.01	<5	1	<3	630	<5	<50	.060
	07-11-85	<5	15	<.01	<5	<1	<3	290	<5	<50	<.010
413556088020101	12-18-85	<5	<5	<.01	<5	<1	<3	140	<5	<50	<.010
413723087554501	09-05-85	<5	11	<.01	<5	<1	<3	1,700	<5	<50	<.010
413804087545701	09-04-85	<5	11	<.01	<5	<1	<3	1,600	<5	<50	<.010
413804087545702	09-04-85	<5	13	<.01	<5	<1	<3	1,700	<5	<50	<.010
413810087564901	09-18-85	<5	12	.02	<5	<1	<3	1,100	<5	<50	<.010
413911088051601	07-10-85	<5	42	<.01	<5	1	<3	260	<5	<50	.090
414020088041301	08-15-85	<5	9	<.01	<5	2	<3	120	<5	<50	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Stark County					
410541089515101	03-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Stephenson County					
422524089493301	09-05-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
					Warren County					
410039090450101	09-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410349090331701	09-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Whiteside County					
413920090044401	06-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
414017089555301	12-04-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
414305089550901	07-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414307089551201	07-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414622089442701	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414625089442501	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0
414627089443401	12-16-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Will County					
411953087481501	08-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
411958087472201	08-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412015087472301	08-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	08-07-85	<5	--	--	--	--	--	--	--	--
412229088150001	06-27-85	20	21	22	17	2.8	<1.0	--	<1.0	<1.0
412414088063901	06-27-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412518087590901	03-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412603087444901	08-22-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412603087452601	08-22-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412607087374801	09-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

412610087403901	08-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412615087410901	08-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412727087350901	09-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412809087363001	09-25-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412854087503501	11-12-85	<5	8.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412909087590301	07-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-24-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412942088044901	06-26-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
412950087514301	03-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-12-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
	05-13-87	<5	--	--	--	--	--	--	--	--
412955087481001	12-11-85	<5	--	--	--	--	--	--	--	--
413001087582001	07-03-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-24-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413001087582002	07-02-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	06-24-86	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413010088042901	08-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413015088043201	08-13-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413053087580201	07-03-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	16	<1.0	--
	06-24-86	--	15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413054087580201	06-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413117087481701	12-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413118087481601	12-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413158088023401	07-10-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413314088061101	08-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413337088055501	08-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413414088083801	08-14-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413514088011901	03-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-12-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
	12-12-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
	05-13-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413514088093301	07-11-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-11-85	<5	--	--	--	--	--	--	--	--
413556088020101	12-18-85	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413723087554501	09-05-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413804087545701	09-04-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413804087545702	09-04-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413810087564901	09-18-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
413911088051601	07-10-85	<5	--	--	--	--	--	--	--	--
414020088041301	08-15-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Stark County					
410541089515101	03-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Stephenson County					
422524089493301	09-05-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Warren County					
410039090450101	09-10-86	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
410349090331701	09-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Whiteside County					
413920090044401	06-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414017089555301	12-04-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414305089550901	07-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414307089551201	07-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414622089442701	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414625089442501	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414627089443401	12-16-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Will County					
411953087481501	08-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411958087472201	08-07-85	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0
412015087472301	08-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-07-85	--	--	--	--	--	--	--	--	--
412229088150001	06-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412414088063901	06-27-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412518087590901	03-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412603087444901	08-22-85	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0
412603087452601	08-22-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412607087374801	09-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

412610087403901	08-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412615087410901	08-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412727087350901	09-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412809087363001	09-25-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412854087503501	11-12-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412909087590301	07-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412942088044901	06-26-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412950087514301	03-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-13-87	--	--	--	--	--	--	--	--	--
412955087481001	12-11-85	--	--	--	--	--	--	--	--	--
413001087582001	07-03-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413001087582002	07-02-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--
413010088042901	08-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413015088043201	08-13-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413053087580201	07-03-85	<1.0	<1.0	<1.0	60.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06-24-86	4.0	<1.0	<1.0	105	<1.0	<1.0	2.0	<1.0	<1.0
413054087580201	06-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413117087481701	12-11-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413118087481601	12-11-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413158088023401	07-10-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413314088061101	08-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413337088055501	08-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413414088083801	08-14-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413514088011901	03-20-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-13-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413514088093301	07-11-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-11-85	--	--	--	--	--	--	--	--	--
413556088020101	12-18-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413723087554501	09-05-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413804087545701	09-04-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413804087545702	09-04-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413810087564901	09-18-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413911088051601	07-10-85	--	--	--	--	--	--	--	--	--
414020088041301	08-15-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Will County--Continued			
414126088054601	10-10-85	1250	Citizens West Subdivision Sugar Brook Well No. 9	17002	17002	86.00
414151088060601	10-10-85	1340	Citizens West Subdivision Cinnamon Well No. 10	17002	17002	--
414154088030101	10-10-85	1000	Citizens West Subdivision Colonial Well No. 2	17002	17002	--
414154088050201	10-10-85	1105	Citizens West Subdivision Indian Oaks Well No. 6	17002	17002	--
414210088054401	10-10-85	1155	Citizens West Subdivision Well No. 11	17002	17002	111.00
	10-10-85	1200	Citizens West Subdivision Well No. 11	17002	17002	111.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Will County--Continued							
414126088054601	10-10-85	230	600	820	7.10	14	11.5	96	49	26	2.8
414151088060601	10-10-85	140	500	840	7.20	-49	12.0	97	50	20	2.7
414154088030101	10-10-85	240	320	1,080	6.80	-35	12.0	140	65	23	3.1
414154088050201	10-10-85	305	400	1,040	7.00	-54	12.0	120	62	28	2.5
414210088054401	10-10-85	95	380	1,080	7.10	-12	12.0	150	72	10	3.1
	10-10-85	100	380	1,080	7.10	-12	12.0	150	71	10	3.1

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				Will County--Continued							
414126088054601	10-10-85	288	283	110	62	0.1	12	650	0.720	<0.100	<0.010
414151088060601	10-10-85	299	291	120	56	.1	12	672	<.100	<.100	<.010
414154088030101	10-10-85	332	327	230	69	.1	15	863	<.100	<.100	<.010
414154088050201	10-10-85	321	317	200	76	.1	15	855	<.100	<.100	<.010
414210088054401	10-10-85	352	345	290	39	<.1	<5.0	941	<.100	<.100	.030
	10-10-85	--	346	310	39	<.1	16	831	<.100	<.100	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Will County--Continued							
414126088054601	10-10-85	<50	<1	60	<0.5	<50	<3	6	<5	<5	<50
414151088060601	10-10-85	<50	<1	80	<.5	<50	<3	<5	<5	<5	180
414154088030101	10-10-85	<50	<1	100	<.5	60	<3	<5	<5	<5	1,300
414154088050201	10-10-85	<50	<1	100	<.5	<50	<3	<5	<5	<5	350
414210088054401	10-10-85	<50	<1	70	<.5	<50	<3	<5	<5	<5	140
	10-10-85	<50	<1	70	<.5	<50	<3	<5	<5	<5	140

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Will County--Continued							
414126088054601	10-10-85	<5	36	<0.01	<5	1	<3	110	<5	<50	<0.010
414151088060601	10-10-85	<5	76	<.01	<5	<1	<3	100	<5	<50	<.010
414154088030101	10-10-85	<5	84	<.01	<5	1	<3	330	<5	<50	<.010
414154088050201	10-10-85	<5	82	.09	<5	<1	<3	180	<5	<50	<.010
414210088054401	10-10-85	<5	240	<.01	<5	<1	<3	130	<5	<50	<.010
	10-10-85	<5	240	<.01	<5	<1	<3	130	<5	<50	<.010

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Will County--Continued						
414126088054601	10-10-85	<5	--	--	--	--	--	--	--	--
414151088060601	10-10-85	<5	--	--	--	--	--	--	--	--
414154088030101	10-10-85	5	--	--	--	--	--	--	--	--
414154088050201	10-10-85	<5	--	--	--	--	--	--	--	--
414210088054401	10-10-85	<5	--	--	--	--	--	--	--	--
	10-10-85	<5	--	--	--	--	--	--	--	--

Table 4.--Water-quality records for wells open primarily to the Silurian aquifer system--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Will County--Continued						
414126088054601	10-10-85	--	--	--	--	--	--	--	--	--
414151088060601	10-10-85	--	--	--	--	--	--	--	--	--
414154088030101	10-10-85	--	--	--	--	--	--	--	--	--
414154088050201	10-10-85	--	--	--	--	--	--	--	--	--
414210088054401	10-10-85	--	--	--	--	--	--	--	--	--
	10-10-85	--	--	--	--	--	--	--	--	--

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems

[min, minute; gal/min, gallons per minute; µS/cm, microsiemens per centimeter at 25° Celsius; mV, millivolts; deg. C, degrees Celsius; mg/L, milligrams per liter; µg/L, micrograms per liter; <, less than; >, greater than; dashes indicate no data]

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Boone County			
421422088510401	07-02-86	1030	Four Seasons Mobile Home Park Well No. 1	17002	17002	--
421427088515401	04-01-86	1105	Belvidere Well No. 8	17002	17002	238.00
421457088503301	11-19-85	1055	Belvidere Well No. 5	17002	17002	137.00
421507088493201	11-19-85	1350	Belvidere Well No. 7	17002	17002	395.00
421530088502401	11-20-85	1405	Belvidere Well No. 3	17002	17002	76.00
421534088502001	11-20-85	1535	Belvidere Well No. 2	17002	17002	--
421547088503501	11-19-85	1115	Belvidere Well No. 4	17002	17002	--
421615088502701	11-19-85	1215	Belvidere Well No. 6	17002	17002	263.00
421732088510701	06-24-86	1108	Maple Crest Nursing Home Well No. 1	17002	17002	--
421806088531501	07-02-86	0940	Park Meadowland West Mobile Home Park Well No. 1	17002	17002	--
422039088510801	07-02-86	0900	Oak Lawn Mobile Home Park Well No. 1	17002	17002	--
422356088442501	07-07-86	1125	Capron Well No. 1	17002	17002	--
	07-07-86	1135	Capron Well No. 1	17002	17002	--
			Bureau County			
411917089182801	03-12-87	0955	Du Pue Well No. 2	17002	17002	--
411918089182501	03-12-87	0850	De Pue Well No. 3	17002	17002	--
411928089403801	03-11-87	1415	Buda Well No. 5	17002	17002	--
411928089403901	03-11-87	1330	Buda Well No. 2	17002	17002	103.00
	03-11-87	1345	Buda Well No. 2	17002	17002	--
411944089121501	03-12-87	1105	Spring Valley Well No. 10	17002	17002	--
411959089124501	03-12-87	1150	Spring Valley Well No. 11	17002	17002	280.00
412242089125101	01-22-86	1400	Ladd Well No. 1	17002	17002	--
			Carroll County			
415745089463401	12-17-86	0920	Milledgeville Well No. 3	17002	17002	--
415745089463402	12-17-86	0955	Milledgeville Well No. 4	17002	17002	--
420052089532601	12-18-86	0940	Chadwick Well No. 2	17002	17002	5.00
	12-18-86	0950	Chadwick Well No. 2	17002	17002	5.00
420052089532602	12-18-86	1035	Chadwick Well No. 3	17002	17002	265.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
					Boone County						
421422088510401	07-02-86	4	284	--	--	--	--	91	43	8.2	0.8
421427088515401	04-01-86	485	1,250	550	7.20	-102	12.5	70	37	6.4	3.3
421457088503301	11-19-85	295	600	740	7.10	-71	12.0	92	45	20	2.3
421507088493201	11-19-85	350	700	545	7.40	-106	13.0	69	38	6.8	2.8
421530088502401	11-20-85	60	560	1,040	7.10	-27	13.5	120	58	53	5.4
421534088502001	11-20-85	60	--	1,000	7.20	-29	11.5	120	55	43	5.0
421547088503501	11-19-85	315	1,000	650	7.20	26	12.5	79	40	10	3.6
421615088502701	11-19-85	105	900	650	7.70	-33	11.5	87	40	7.7	4.3
421732088510701	06-24-86	--	--	--	--	--	--	73	32	3.9	.8
421806088531501	07-02-86	2	65	--	--	--	--	81	34	3.3	.4
422039088510801	07-02-86	--	65	--	--	--	--	75	36	3.2	.5
422356088442501	07-07-86	29	200	575	7.30	-182	12.0	79	36	6.8	.8
	07-07-86	39	200	575	7.30	-182	12.0	79	36	6.8	.9
					Bureau County						
411917089182801	03-12-87	60	135	1,060	7.30	-265	17.5	50	22	130	11
411918089182501	03-12-87	60	E200	1,090	7.20	-265	19.0	51	22	140	11
411928089403801	03-11-87	23	175	1,390	8.00	-337	15.5	9.1	4.2	310	8.3
411928089403901	03-11-87	12	195	1,920	7.50	-239	18.0	44	20	330	13
	03-11-87	27	195	1,930	7.50	-239	18.0	45	20	330	13
411944089121501	03-12-87	30	1,500	1,180	7.00	-198	--	69	26	130	12
411959089124501	03-12-87	30	1,300	1,150	7.00	-208	--	63	24	140	12
412242089125101	01-22-86	5	375	1,150	7.30	-20	19.5	47	20	170	11
					Carroll County						
415745089463401	12-17-86	--	95	--	--	--	--	66	32	2.4	1.1
415745089463402	12-17-86	30	295	--	--	--	--	61	39	1.7	2.1
420052089532601	12-18-86	33	E200	535	7.10	--	13.5	73	37	2.8	1.7
	12-18-86	43	E200	535	7.10	--	13.5	73	37	2.7	1.7
420052089532602	12-18-86	31	365	550	7.20	--	13.5	66	36	2.1	1.9

E Estimated.

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
					Boone County						
421422088510401	07-02-86	317	317	60	28	0.2	--	450	<0.100	<0.100	0.020
421427088515401	04-01-86	321	334	<10	1.3	.3	7.8	337	<.100	.390	.030
421457088503301	11-19-85	331	318	63	42	.2	12	482	.230	.130	.020
421507088493201	11-19-85	333	320	<10	3.0	.3	8.6	343	<.100	.300	.010
421530088502401	11-20-85	384	366	100	100	.1	16	706	4.10	<.100	<.010
421534088502001	11-20-85	373	359	100	83	<.1	15	701	3.20	<.100	.010
421547088503501	11-19-85	--	315	28	16	.1	11	402	2.00	.180	.020
421615088502701	11-19-85	317	299	53	18	.1	12	462	2.90	<.100	.010
421732088510701	06-24-86	289	289	24	1.8	.2	--	319	<.100	.100	.050
421806088531501	07-02-86	318	318	23	3.7	.2	14	335	<.100	.180	.020
422039088510801	07-02-86	295	295	30	4.8	.2	--	339	<.100	<.100	.030
422356088442501	07-07-86	370	370	<10	<1.0	.4	--	344	<.100	.330	.070
	07-07-86	370	370	<10	<1.0	.4	--	361	<.100	.320	.060
					Bureau County						
411917089182801	03-12-87	--	313	58	130	.8	8.0	652	<.100	1.10	.030
411918089182501	03-12-87	--	313	59	130	.8	8.0	601	<.100	1.10	<.010
411928089403801	03-11-87	--	476	130	110	1.3	7.0	801	<.100	.780	<.010
411928089403901	03-11-87	--	297	200	350	1.5	7.9	1,080	<.100	1.50	<.010
	03-11-87	--	293	210	370	1.5	8.0	1,100	<.100	1.50	<.010
411944089121501	03-12-87	--	348	47	160	.7	9.2	642	<.100	.810	<.010
411959089124501	03-12-87	--	332	52	160	.7	9.4	687	<.100	.870	<.010
412242089125101	01-22-86	298	306	94	130	.9	8.7	683	<.100	1.20	<.010
					Carroll County						
415745089463401	12-17-86	--	308	20	<1.0	.2	9.9	390	<.100	<.100	<.010
415745089463402	12-17-86	--	325	25	<1.0	.2	7.4	--	<.100	<.100	<.010
420052089532601	12-18-86	--	329	20	<1.0	.2	8.6	--	<.100	<.100	<.010
	12-18-86	--	332	20	<1.0	.2	8.7	--	<.100	<.100	<.010
420052089532602	12-18-86	--	324	23	<1.0	.2	7.8	--	<.100	<.100	<.010

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
					Boone County						
421422088510401	07-02-86	60	<1	200	<1.0	<50	<3	<5	<5	<5	980
421427088515401	04-01-86	<50	<1	400	<.5	<50	<3	<5	<5	<5	280
421457088503301	11-19-85	<50	<1	200	<.5	<50	<3	<5	<5	<5	280
421507088493201	11-19-85	<50	<1	200	<.5	<50	<3	<5	<5	<5	370
421530088502401	11-20-85	<50	<1	70	<.5	190	<3	<5	<5	<5	<50
421534088502001	11-20-85	60	<1	60	<.5	190	<3	<5	<5	<5	130
421547088503501	11-19-85	<50	<1	300	<.5	<50	<3	<5	<5	12	180
421615088502701	11-19-85	<50	<1	200	<.5	<50	<3	<5	<5	<5	80
421732088510701	06-24-86	<50	<1	90	<1.0	<50	<3	<5	<5	<5	1,700
421806088531501	07-02-86	<50	1	200	<1.0	<50	<3	<5	<5	<5	910
422039088510801	07-02-86	<50	1	50	<1.0	<50	<3	<5	<5	<5	1,100
422356088442501	07-07-86	<50	1	100	<1.0	<50	<3	<5	<5	<5	1,300
	07-07-86	<50	1	100	<1.0	<50	<3	<5	<5	<5	1,300
					Bureau County						
411917089182801	03-12-87	<50	<1	50	<.5	370	<3	<5	<5	12	1,400
411918089182501	03-12-87	<50	<1	50	<.5	410	<3	<5	<5	<5	380
411928089403801	03-11-87	<50	<1	20	<.5	1,300	<3	5	<5	26	13,000
411928089403901	03-11-87	<50	<1	20	<.5	940	<3	<5	<5	<5	270
	03-11-87	<50	<1	20	<.5	920	<3	<5	<5	<5	170
411944089121501	03-12-87	<50	<1	60	<.5	460	<3	<5	<5	6	400
411959089124501	03-12-87	<50	<1	30	<.5	450	<3	<5	<5	<5	220
412242089125101	01-22-86	<50	<1	30	<.5	390	<3	<5	<5	<5	120
					Carroll County						
415745089463401	12-17-86	2,300	<1	70	<.5	<50	<3	<5	<5	9	650
415745089463402	12-17-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	100
420052089532601	12-18-86	<50	<1	100	<.5	<50	<3	<5	6	<5	440
	12-18-86	<50	<1	100	<.5	<50	<3	<5	5	<5	500
420052089532602	12-18-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	140

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
					Boone County						
421422088510401	07-02-86	<5	20	<0.01	<5	<1	<3	120	<5	<50	<0.010
421427088515401	04-01-86	<5	12	<.01	<5	<1	5	400	5	<50	<.010
421457088503301	11-19-85	<5	15	<.01	<5	<1	<3	170	<5	<50	<.010
421507088493201	11-19-85	<5	11	<.01	<5	<1	<3	330	<5	<50	<.010
421530088502401	11-20-85	<5	17	.03	<5	2	<3	130	<5	<50	<.010
421534088502001	11-20-85	<5	60	.12	<5	<1	<3	120	<5	<100	<.010
421547088503501	11-19-85	<5	7	.12	<5	<1	<3	200	<5	<50	<.010
421615088502701	11-19-85	<5	5	--	<5	<1	<3	150	<5	<50	<.010
421732088510701	06-24-86	<5	34	.16	<5	<1	<3	110	<5	<50	<.010
421806088531501	07-02-86	<5	56	<.01	<5	<1	<3	80	<5	<100	<.010
422039088510801	07-02-86	<5	31	<.01	<5	<1	<3	70	<5	<50	<.010
422356088442501	07-07-86	<5	19	<.01	<5	<1	<3	260	<5	<50	<.010
	07-07-86	<5	19	<.01	<5	<1	<3	270	<5	<50	<.010
					Bureau County						
411917089182801	03-12-87	<5	<5	<.05	<5	<1	<3	2,600	<5	<50	<.010
411918089182501	03-12-87	<5	<5	<.05	<5	<1	<3	2,600	<5	<50	<.010
411928089403801	03-11-87	<5	39	<.05	7	<1	<3	400	<5	<50	<.010
411928089403901	03-11-87	<5	<5	<.05	7	<1	<3	2,400	<5	<50	<.010
	03-11-87	<5	<5	.07	6	<1	<3	2,400	<5	<50	<.010
411944089121501	03-12-87	<5	6	<.05	<5	<1	<3	3,200	<5	<50	<.010
411959089124501	03-12-87	<5	<5	.07	<5	<1	<3	3,100	<5	<50	<.010
412242089125101	01-22-86	<5	<5	<.01	<5	<1	<3	2,200	<5	<50	<.010
					Carroll County						
415745089463401	12-17-86	<5	31	<.05	<5	<1	<3	70	<5	<50	<.010
415745089463402	12-17-86	<5	5	<.05	<5	<1	<3	110	<5	<50	<.010
420052089532601	12-18-86	<5	14	<.05	<5	<1	<3	120	<5	<50	<.010
	12-18-86	<5	14	<.05	<5	<1	<3	110	<5	<50	<.010
420052089532602	12-18-86	<5	<5	<.05	<5	<1	<3	140	<5	<50	<.010

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
					Boone County					
421422088510401	07-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421427088515401	04-01-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421457088503301	11-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421507088493201	11-19-85	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421530088502401	11-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	--
421534088502001	11-20-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421547088503501	11-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	3.9
421615088502701	11-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
421732088510701	06-24-86	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
421806088531501	07-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422039088510801	07-02-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422356088442501	07-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07-07-86	<5	--	--	--	--	--	--	--	--
					Bureau County					
411917089182801	03-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411918089182501	03-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411928089403801	03-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411928089403901	03-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-11-87	<5	--	--	--	--	--	--	--	--
411944089121501	03-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411959089124501	03-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412242089125101	01-22-86	5	--	--	--	--	--	--	--	--
					Carroll County					
415745089463401	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415745089463402	12-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420052089532601	12-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-18-86	<5	--	--	--	--	--	--	--	--
420052089532602	12-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
					Boone County					
421422088510401	07-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421427088515401	04-01-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421457088503301	11-19-85	<1.0	<1.0	<1.0	1.0	3.6	<1.0	<1.0	<1.0	<1.0
421507088493201	11-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421530088502401	11-20-85	<1.0	<1.0	<1.0	4.3	26	<1.0	<1.0	<1.0	<1.0
421534088502001	11-20-85	<1.0	<1.0	<1.0	8.0	3.5	<1.0	<1.0	<1.0	<1.0
421547088503501	11-19-85	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421615088502701	11-19-85	<1.0	2.6	<1.0	2.2	2.6	<1.0	<1.0	<1.0	<1.0
421732088510701	06-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
421806088531501	07-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422039088510801	07-02-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
422356088442501	07-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	07-07-86	--	--	--	--	--	--	--	--	--
					Bureau County					
411917089182801	03-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411918089182501	03-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411928089403801	03-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0
411928089403901	03-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03-11-87	--	--	--	--	--	--	--	--	--
411944089121501	03-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411959089124501	03-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412242089125101	01-22-86	--	--	--	--	--	--	--	--	--
					Carroll County					
415745089463401	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415745089463402	12-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420052089532601	12-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-18-86	--	--	--	--	--	--	--	--	--
420052089532602	12-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Carroll County--Continued			
420451090070301	11-19-86	1215	Savanna Well No. 6	17002	17002	--
420503090061001	02-25-87	1145	Carroll Heights Utility Company Well No. 3	17002	17002	--
420512090062801	02-25-87	1210	Carroll Heights Utility Company Well No. 1	17002	17002	--
420520090082201	11-19-86	1130	Savanna Well No. 4	17002	17002	--
420534089590001	11-20-86	1015	Mt. Carroll Well No. 2	17002	17002	178.00
420535089585701	11-20-86	1110	Mt. Carroll Well No. 3	17002	17002	249.00
	11-20-86	1125	Mt. Carroll Well No. 3	17002	17002	249.00
420608089501401	11-18-86	1110	Lanark Well No. 4	17002	17002	--
420611090092901	11-19-86	1045	Savanna Well No. 5	17002	17002	--
420614089500101	11-18-86	1015	Lanark Well No. 3	17002	17002	230.00
420740090091501	09-05-85	1215	Mississippi Palisades State Park Well No. 3	17002	17002	--
420858089442001	02-18-87	1055	Shannon Well No. 2	17002	17002	532.00
420858089442101	02-18-87	1020	Shannon Well No. 1	17002	17002	--
			De Kalb County			
413805088405101	09-10-86	1335	Somonauk Well No. 1	17002	17002	26.00
413805088405101	09-10-86	1345	Somonauk Well No. 1	17002	17002	26.00
413805088405102	09-10-86	1425	Somonauk Well No. 2	17002	17002	27.00
413836088370001	09-10-86	1215	Sandwich Well No. 3	17002	17002	74.00
413844088370601	09-10-86	1105	Sandwich Well No. 2	17002	17002	69.00
413845088365501	09-10-86	1010	Sandwich Well No. 1	17002	17002	53.00
413847088392401	10-15-86	1013	Buck Lake Estates Subdivision Well No. 1	17002	17002	--
413848088395201	10-15-86	1045	Buck Lake Estates Subdivision Well No. 2	17002	17002	--
414511088461601	07-30-85	1130	Waterman Well No. 3	17002	17002	37.00
414515088464001	07-30-85	1015	Waterman Well No. 2	17002	17002	74.00
414608088375201	09-24-86	1030	Hinckley Well No. 3	17002	17002	110.00
415424088462501	03-21-85	0955	De Kalb Well No. 12	17002	17002	289.00
	06-06-85	1055	De Kalb Well No. 12	17002	17002	306.00
415453088445301	09-15-86	1130	De Kalb Well No. 7	17002	17002	501.00
415455088412101	10-17-86	0948	Briarwood Acres Subdivision Well No. 1	17002	17002	--

415528088413901	10-17-86	1019	Cortland Well No. 1 (Woodland Acres)	17002	17002	--
415545088450501	09-15-86	1040	De Kalb Well No. 8	17002	17002	--
415552088465601	09-15-86	1230	De Kalb Well No. 10	17002	17002	408.00
415700088430801	09-15-86	1330	De Kalb Well No. 11	17002	17002	368.00
415825088431901	09-09-86	1130	Sycamore Well No. 7	17002	17002	69.00
415909088395901	09-25-86	0925	Evergreen Village Mobile Home Park Well No. 2	17002	17002	--
415915088400501	09-25-86	0945	Evergreen Village Mobile Home Park Well No. 3	17002	17002	--
415917088410701	09-09-86	1003	Sycamore Well No. 1	17002	17002	67.00
415933088414601	09-09-86	1040	Sycamore Well No. 6	17002	17002	--
420539088505501	09-11-86	1135	Kirkland Well No. 1	17002	17002	28.50
420544088464301	09-17-85	1010	Valley View Well No. 1	17002	17002	--
	09-17-85	1020	Valley View Well No. 1	17002	17002	--
420549088405801	09-11-86	1020	Genoa Well No. 4	17002	17002	311.00
420552088413801	09-11-86	0940	Genoa Well No. 3	17002	17002	170.00
			Du Page County			
414501088140601	09-29-86	1410	Aurora Well No. 22	17002	17002	--
414602087564601	03-10-87	1110	Willowbrook Well No. 3	17002	17002	--
414952087592601	03-21-85	0930	Oak Brook Well No. 6	81700	17002	865.00
	05-12-87	1325	Oak Brook Well No. 6	81700	17002	884.00
415614088095701	03-07-85	1410	Carol Stream Well No. 5	81700	17002	--
415826088103401	07-07-86	1030	Bartlett Well No. 4	17002	17002	--
415838088114101	07-07-86	1210	Bartlett Well No. 7	17002	17002	--
			Fulton County			
402108090194101	08-14-86	1250	Ipava Well No. 1	17002	17002	--
	08-14-86	1255	Ipava Well No. 1	17002	17002	--
402154090254101	08-12-86	0900	Table Grove Well No. 1	17002	17002	330.00
402800090054501	08-13-86	1000	Bryant Well No. 1	17002	17002	--
404155089593201	08-14-86	0930	Farmington Well No. 1	17002	17002	--
			Grundy County			
411112088180602	06-10-87	1255	Gardner Well No. 4	17002	17002	77.00
411118088181601	06-10-87	1045	Gardner Well No. 3	17002	17002	439.00
411331088155302	06-12-87	1210	Braceville Well No. 1	17002	17002	--
411331088155303	06-12-87	1240	Braceville Well No. 3	17002	17002	--
411655088170501	06-12-87	1140	Coal City Well No. 3	17002	17002	--
411656088171401	06-12-87	1115	Coal City Well No. 4	17002	17002	--
411736088171201	06-12-87	1025	Coal City Well No. 5	17002	17002	--
412129088252701	03-19-85	1100	Morris Well No. 4	81700	17002	383.00
	12-10-86	1020	Morris Well No. 4	81700	17002	370.50
	05-11-87	0955	Morris Well No. 4	81700	17002	83.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Carroll County--Continued							
420451090070301	11-19-86	30	1,200	530	7.20	-83	16.0	55	38	2.8	3.3
420503090061001	02-25-87	--	--	--	--	--	--	95	41	6.0	.8
420512090062801	02-25-87	--	--	--	--	--	--	1.5	.69	160	.4
420520090082201	11-19-86	26	580	510	7.30	12	15.5	53	37	2.8	2.9
420534089590001	11-20-86	35	E500	555	7.30	--	16.0	59	39	4.2	3.1
420535089585701	11-20-86	34	470	620	7.20	-95	13.5	78	42	3.4	1.6
	11-20-86	49	470	620	7.20	-95	13.5	75	41	3.4	1.5
420608089501401	11-18-86	31	400	565	7.20	-144	13.0	69	34	5.1	1.1
420611090092901	11-19-86	--	410	480	7.50	-87	18.0	49	35	2.2	2.8
420614089500101	11-18-86	32	500	515	7.10	-8	13.0	63	35	2.8	1.3
420740090091501	09-05-85	15	--	--	--	--	--	52	34	5.0	4.5
420858089442001	02-18-87	24	200	580	7.00	-148	14.0	65	35	7.2	4.4
420858089442101	02-18-87	29	90	645	7.10	121	13.0	72	39	8.7	.5
				De Kalb County							
413805088405101	09-10-86	25	340	630	8.00	--	12.0	81	37	7.7	.7
413805088405101	09-10-86	35	340	630	8.00	--	12.0	81	36	7.7	.6
413805088405102	09-10-86	37	260	615	7.50	--	12.0	81	37	6.4	1.0
413836088370001	09-10-86	44	E675	595	7.30	--	13.0	75	34	9.4	1.6
413844088370601	09-10-86	40	800	745	7.30	--	12.0	94	45	11	1.7
413845088365501	09-10-86	35	800	815	7.30	-146	13.0	99	47	14	1.9
413847088392401	10-15-86	5	32	--	--	--	--	75	36	6.6	.7
413848088395201	10-15-86	5	--	--	--	--	--	72	34	8.3	.8
414511088461601	07-30-85	180	200	865	7.20	-122	13.0	67	44	86	2.2
414515088464001	07-30-85	120	166	680	6.60	-182	12.5	87	47	28	1.5
414608088375201	09-24-86	80	250	550	7.20	--	12.0	56	33	12	1.2
415424088462501	03-21-85	115	E1,320	475	7.00	-66	12.5	46	25	19	5.4
	06-06-85	120	1,250	470	7.20	-116	12.5	--	--	--	--
415453088445301	09-15-86	240	1,000	525	7.30	-122	14.0	56	29	16	4.4
415455088412101	10-17-86	--	--	--	--	--	--	65	31	14	1.9

415528088413901	10-17-86	1	--	--	--	--	--	65	32	13	6.3
415545088450501	09-15-86	190	500	550	7.30	-71	14.5	60	30	17	5.5
415552088465601	09-15-86	292	1,150	500	7.20	-106	13.5	53	27	19	4.3
415700088430801	09-15-86	360	1,400	570	7.50	-81	13.5	67	29	14	7.1
415825088431901	09-09-86	30	1,200	555	7.20	-111	12.0	63	31	12	5.8
415909088395901	09-25-86	--	--	--	--	--	--	65	33	15	1.0
415915088400501	09-25-86	4	--	--	--	--	--	66	34	15	1.1
415917088410701	09-09-86	10	1,000	--	--	--	--	88	40	13	.8
415933088414601	09-09-86	220	1,100	540	7.00	-74	12.5	63	31	8.3	5.6
420539088505501	09-11-86	19	460	--	7.30	--	11.5	92	42	7.1	.9
420544088464301	09-17-85	60	85	665	7.20	-163	11.5	81	40	8.2	1.1
	09-17-85	60	85	665	7.20	-163	11.5	81	40	8.2	1.1
420549088405801	09-11-86	19	1,050	555	7.30	-116	12.0	63	35	12	2.1
420552088413801	09-11-86	23	630	560	7.50	-117	12.0	65	33	13	1.3
					Du Page County						
414501088140601	09-29-86	130	1,000	--	--	--	--	62	22	33	11
414602087564601	03-10-87	1,440	1,000	--	--	--	--	66	26	79	13
414952087592601	03-21-85	330	1,240	670	7.10	-44	16.0	68	21	47	12
	05-12-87	1,440	1,310	700	7.00	-33	16.0	70	20	48	11
415614088095701	03-07-85	295	900	505	7.30	-79	15.0	58	19	17	9.8
415826088103401	07-07-86	59	1,150	270	7.40	-119	16.0	54	15	32	9.8
415838088114101	07-07-86	60	E700	285	7.40	-199	18.0	50	14	43	11
					Fulton County						
402108090194101	08-14-86	40	250	4,410	7.10	-220	22.5	150	66	820	17
	08-14-86	45	250	4,410	7.10	-220	22.5	140	64	790	17
402154090254101	08-12-86	60	>100	4,750	7.10	-214	22.0	150	70	890	37
402800090054501	08-13-86	120	50	3,300	7.00	-255	23.5	170	73	650	32
404155089593201	08-14-86	--	295	3,800	7.50	-249	23.0	13	5.9	910	14
					Grundy County						
411112088180602	06-10-87	35	40	--	--	--	--	17	8.4	160	4.0
411118088181601	06-10-87	225	45	--	--	--	--	32	18	330	14
411331088155302	06-12-87	50	75	--	--	--	--	16	8.4	250	12
411331088155303	06-12-87	23	50	--	--	--	--	81	29	170	7.6
411655088170501	06-12-87	30	--	--	--	--	--	88	46	250	25
411656088171401	06-12-87	35	200	--	--	--	--	88	46	240	25
411736088171201	06-12-87	205	613	--	--	--	--	110	46	230	24
412129088252701	03-19-85	180	585	725	7.10	2	17.0	.34	<3.0	.4	<.3
	12-10-86	50	450	750	7.10	-20	16.0	63	25	56	9.8
	05-11-87	45	492	720	7.20	-20	17.0	65	26	58	9.7

E Estimated.

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Alkalinity wh wat total field (mg/L as $CaCO_3$)	Alkalinity lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, total (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 deg. C dissolved (mg/L)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Phosphorus, total (mg/L as P)
				Carroll County--Continued							
420451090070301	11-19-86	--	276	25	4.2	0.3	7.8	567	<0.100	<0.100	<0.010
420503090061001	02-25-87	--	356	48	2.7	.2	19	434	.260	<.100	<.010
420512090062801	02-25-87	--	364	24	2.5	.2	15	403	.120	<.100	<.010
420520090082201	11-19-86	--	282	21	2.8	.3	7.8	689	<.100	<.100	<.010
420534089590001	11-20-86	--	298	28	5.8	.3	8.1	465	<.100	<.100	.010
420535089585701	11-20-86	--	343	27	3.7	.2	9.2	615	<.100	<.100	<.010
	11-20-86	--	344	26	4.0	.2	9.3	549	<.100	<.100	<.010
420608089501401	11-18-86	--	302	20	5.5	.2	12	510	<.100	.120	.080
420611090092901	11-19-86	--	203	20	2.0	.2	8.2	629	<.100	<.100	.010
420614089500101	11-18-86	--	298	25	1.4	.1	9.6	457	<.100	<.100	.010
420740090091501	09-05-85	--	295	<10	1.8	.4	7.1	320	<.100	.100	.010
420858089442001	02-18-87	--	353	<10	1.1	.3	8.0	392	<.100	.660	<.010
420858089442101	02-18-87	--	264	32	24	.2	18	460	10.0	<.100	<.010
				De Kalb County							
413805088405101	09-10-86	337	338	19	5.4	.3	--	339	<.100	.240	.060
413805088405101	09-10-86	--	337	21	5.6	.3	16	341	<.100	.250	.060
413805088405102	09-10-86	336	336	17	4.6	.3	--	343	<.100	.400	.061
413836088370001	09-10-86	351	351	<10	1.2	.3	--	329	<.100	.440	.026
413844088370601	09-10-86	349	349	64	16	.2	--	442	<.100	.210	.014
413845088365501	09-10-86	355	355	86	23	.2	--	499	<.100	.140	.036
413847088392401	10-15-86	--	321	34	2.8	.2	17	405	<.100	.150	<.010
413848088395201	10-15-86	--	342	<10	1.1	.3	14	353	<.100	.230	.020
414511088461601	07-30-85	347	347	32	8.1	.5	<1.0	784	<.100	.610	.020
414515088464001	07-30-85	332	355	53	72	.3	18	784	<.100	.610	.020
414608088375201	09-24-86	334	334	11	<1.0	.4	--	342	<.100	.740	.310
415424088462501	03-21-85	268	288	<10	1.7	.5	8.7	291	<.100	.270	.020
	06-06-85	271	--	--	--	--	--	--	--	--	--
415453088445301	09-15-86	310	310	<10	1.2	.6	--	311	<.100	.390	.020
415455088412101	10-17-86	--	334	<10	<1.0	.5	12	338	<.100	.230	<.010

415528088413901	10-17-86	--	342	13	1.6	.7	7.3	356	<.100	.430	<.010
415545088450501	09-15-86	--	323	<10	1.6	.5	--	284	<.100	.330	<.010
415552088465601	09-15-86	301	301	<10	1.2	.5	--	292	<.100	.250	.010
415700088430801	09-15-86	--	325	<10	1.5	.6	--	330	<.100	.420	<.010
415825088431901	09-09-86	318	318	<10	1.2	.5	--	313	<.100	.290	<.010
415909088395901	09-25-86	--	338	14	2.2	.5	--	457	<.100	1.10	.360
415915088400501	09-25-86	337	337	14	2.4	.5	--	360	<.100	.790	.360
415917088410701	09-09-86	--	344	50	12	.5	--	441	<.100	.290	.030
415933088414601	09-09-86	316	316	<10	1.1	.5	--	296	<.100	.280	<.010
420539088505501	09-11-86	382	382	26	5.7	.3	--	422	<.100	.150	.010
420544088464301	09-17-85	324	313	59	17	.4	17	442	<.100	.200	.020
	09-17-85	324	315	59	17	.4	17	452	<.100	.230	.020
420549088405801	09-11-86	321	321	10	1.8	.5	--	346	<.100	.260	<.010
420552088413801	09-11-86	322	322	10	2.7	.4	--	320	<.100	.330	<.010
					Du Page County						
414501088140601	09-29-86	287	287	50	8.7	1.0	--	400	<.100	.620	.020
414602087564601	03-10-87	--	297	150	29	1.0	--	524	<.100	.860	.010
414952087592601	03-21-85	278	286	81	16	1.1	6.9	455	<.100	.580	<.010
	05-12-87	--	279	81	16	1.2	6.7	422	<.100	.580	<.010
415614088095701	03-07-85	280	280	<10	1.7	.8	6.9	305	<.100	.490	<.010
415826088103401	07-07-86	252	252	16	10	1.3	--	328	<.100	.470	.010
415838088114101	07-07-86	215	215	34	24	1.8	--	460	<.100	.460	<.010
					Fulton County						
402108090194101	08-14-86	236	236	1,000	780	3.7	--	2,820	<.100	1.50	<.010
	08-14-86	--	139	980	780	3.7	--	2,810	<.100	1.60	<.010
402154090254101	08-12-86	240	240	1,100	890	3.7	--	3,040	<.100	1.60	<.010
402800090054501	08-13-86	245	245	1,200	340	2.7	--	2,320	<.100	1.60	<.010
404155089593201	08-14-86	656	--	300	740	2.8	--	2,280	<.100	1.00	<.010
					Grundy County						
411112088180602	06-10-87	--	364	<10	48	.8	12	503	<.100	2.00	.090
411118088181601	06-10-87	--	308	200	280	1.7	6.8	1,040	<.100	.970	<.010
411331088155302	06-12-87	--	321	97	210	1.3	7.1	793	<.100	1.10	.020
411331088155303	06-12-87	--	438	190	73	1.0	13	777	<.100	.610	<.010
411655088170501	06-12-87	--	271	370	260	.8	7.0	1,180	<.100	1.40	<.010
411656088171401	06-12-87	--	280	370	250	.8	6.9	1,160	<.100	1.20	<.010
411736088171201	06-12-87	--	252	380	280	1.0	7.3	1,180	<.100	1.00	.040
412129088252701	03-19-85	298	296	50	45	.6	7.1	454	<.100	.680	<.010
	12-10-86	--	320	46	45	.6	--	516	<.100	.650	.010
	05-11-87	--	306	48	44	.6	7.7	410	<.100	.540	<.010

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Aluminum, total recoverable (µg/L as Al)	Arsenic total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Beryllium, total recoverable (µg/L as Be)	Boron, total recoverable (µg/L as B)	Cadmium total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Cobalt, total recoverable (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)
				Carroll County--Continued							
420451090070301	11-19-86	<50	<1	100	<0.5	<50	<3	<5	<5	<5	250
420503090061001	02-25-87	<50	1	60	<.5	<50	<3	<5	6	7	70
420512090062801	02-25-87	<50	<1	<5	<.5	<50	<3	<5	<5	11	<50
420520090082201	11-19-86	<50	<1	100	<.5	<50	<3	<5	<5	<5	80
420534089590001	11-20-86	<50	<1	200	<.5	<50	<3	<5	<5	<5	170
420535089585701	11-20-86	<50	<1	100	<.5	<50	<3	<5	6	<5	560
	11-20-86	<50	<1	100	<.5	<50	<3	<5	5	<5	570
420608089501401	11-18-86	<50	2	100	<.5	<50	<3	<5	5	<5	1,500
420611090092901	11-19-86	<50	1	100	<.5	<50	<3	<5	<5	<5	250
420614089500101	11-18-86	<50	1	90	<.5	<50	<3	<5	<5	<5	370
420740090091501	09-05-85	<50	<1	500	<.5	<50	<3	<5	<5	<5	1,000
420858089442001	02-18-87	<50	<1	4,200	<.5	50	<3	<5	7	5	2,200
420858089442101	02-18-87	<50	<1	70	<.5	<50	<3	<5	5	<5	<50
				De Kalb County							
413805088405101	09-10-86	<50	2	100	6.0	<50	<3	<5	<5	<5	1,500
413805088405101	09-10-86	<50	2	100	6.0	50	<3	<5	<5	<5	1,400
413805088405102	09-10-86	<50	2	100	3.0	<50	<3	6	<5	<5	1,600
413836088370001	09-10-86	<50	<1	800	4.0	<50	<3	<5	<5	<5	690
413844088370601	09-10-86	<50	1	300	5.0	<50	<3	<5	<5	<5	1,400
413845088365501	09-10-86	<50	4	100	4.0	<50	<3	<5	<5	<5	3,200
413847088392401	10-15-86	<50	15	90	<.5	<50	<3	<5	<5	25	2,000
413848088395201	10-15-86	<50	9	100	<.5	<50	<3	<5	<5	<5	1,300
414511088461601	07-30-85	1,500	<1	100	<.5	100	<3	<5	<5	<5	1,400
414515088464001	07-30-85	<50	6	200	<.5	80	<3	<5	<5	<5	1,100
414608088375201	09-24-86	<50	2	300	<.5	90	<3	<5	<5	<5	100
415424088462501	03-21-85	<50	4	400	<.5	110	<3	<5	<5	<5	330
	06-06-85	--	--	--	--	--	--	--	--	--	--
415453088445301	09-15-86	<50	<1	1,000	<.5	110	<3	<5	6	<5	150
415455088412101	10-17-86	<50	<1	700	<.5	120	<3	<5	<5	<5	200

415528088413901	10-17-86	<50	<1	300	<.5	380	<3	<5	<5	6	130
415545088450501	09-15-86	50	<1	700	<.5	100	<3	<5	8	<5	160
415552088465601	09-15-86	<50	<1	800	<.5	100	<3	<5	<5	<5	230
415700088430801	09-15-86	<50	<1	700	<.5	120	<3	<5	<5	<5	230
415825088431901	09-09-86	<50	<1	1,400	8.0	140	<3	<5	<5	<5	60
415909088395901	09-25-86	<50	2	60	<.5	80	<3	<5	<5	7	370
415915088400501	09-25-86	<50	4	70	<.5	70	<3	<5	<5	<5	1,300
415917088410701	09-09-86	<50	<1	200	10	80	<3	<5	<5	<5	1,400
415933088414601	09-09-86	<50	<1	1,900	8.0	120	<3	<5	<5	<5	70
420539088505501	09-11-86	<50	<1	200	13	<50	<3	9	20	<5	540
420544088464301	09-17-85	<50	<1	100	<.5	<50	<3	<5	<5	<5	1,200
	09-17-85	<50	<1	100	<.5	<50	<3	<5	<5	<5	1,200
420549088405801	09-11-86	<50	<1	300	9.0	140	<3	<5	9	<5	<50
420552088413801	09-11-86	<50	<1	400	9.0	100	<3	5	7	27	90
					Du Page County						
414501088140601	09-29-86	<50	<1	100	<.5	410	<3	<5	<5	<5	70
414602087564601	03-10-87	<50	<1	20	<.5	700	<3	<5	<5	<5	160
414952087592601	03-21-85	<50	<1	50	<.5	500	<3	<5	<5	<5	130
	05-12-87	<50	<1	50	<.5	530	<3	<5	<5	<5	140
415614088095701	03-07-85	<50	<1	5,300	<.5	250	<3	<5	<5	6	120
415826088103401	07-07-86	<50	<1	2,100	<1.0	370	<3	<5	<5	<5	210
415838088114101	07-07-86	<50	<1	70	<.5	490	<3	<5	5	<5	380
					Fulton County						
402108090194101	08-14-86	130	<1	20	<1.0	1,700	11	<5	10	13	160
	08-14-86	110	<1	20	<1.0	1,700	9	<5	10	16	150
402154090254101	08-12-86	140	<1	20	<1.0	1,700	13	<5	8	6	410
402800090054501	08-13-86	180	<1	20	<.5	1,100	5	<5	<5	<5	2,800
404155089593201	08-14-86	50	<1	30	<1.0	1,700	10	6	7	8	130
					Grundy County						
411112088180602	06-10-87	<50	<1	70	3.0	1,200	<3	<5	<5	<5	180
411118088181601	06-10-87	<50	<1	30	5.0	1,100	<3	<5	8	<5	4,200
411331088155302	06-12-87	<50	<1	70	<1.0	1,000	<3	<5	<5	<5	<50
411331088155303	06-12-87	<50	<1	30	<1.0	1,200	<3	<5	<5	<5	420
411655088170501	06-12-87	<50	<1	20	3.0	940	<3	<5	<5	<5	<50
411656088171401	06-12-87	<50	<1	20	3.0	970	<3	<5	<5	<5	<50
411736088171201	06-12-87	<50	<1	20	6.0	990	<3	<5	7	17	200
412129088252701	03-19-85	<50	<1	<5	<.5	<50	<3	6	<5	<5	<50
	12-10-86	<50	<1	60	<.5	330	<3	<5	<5	<5	<50
	05-11-87	<50	<1	70	<.5	360	<3	<5	<5	<5	<50

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury total recoverable (µg/L as Mg)	Nickel, total recoverable (µg/L as Ni)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Strontium, total recoverable (µg/L as Sr)	Vanadium, total (µg/L as V)	Zinc, total recoverable (µg/L as Zn)	Cyanide total (mg/L as Cn)
				Carroll County--Continued							
420451090070301	11-19-86	<5	<5	<0.05	<5	<1	<3	160	<5	<50	<0.010
420503090061001	02-25-87	<5	28	<.05	<5	1	<3	120	<5	210	<.010
420512090062801	02-25-87	<5	<5	<.05	<5	<1	<3	<5	<5	<50	<.010
420520090082201	11-19-86	<5	<5	<.05	<5	<1	<3	120	<5	<50	<.010
420534089590001	11-20-86	<5	<5	<.05	<5	<1	<3	230	<5	<50	<.010
420535089585701	11-20-86	<5	22	<.05	<5	<1	<3	110	<5	<50	<.010
	11-20-86	<5	22	<.05	<5	<1	<3	100	<5	<50	<.010
420608089501401	11-18-86	<5	28	<.05	<5	<1	<3	90	<5	<50	<.010
420611090092901	11-19-86	<5	<5	<.05	<5	<1	<3	110	<5	<50	<.010
420614089500101	11-18-86	<5	13	<.05	<5	<1	<3	70	<5	<50	<.010
420740090091501	09-05-85	<5	7	.01	<5	<1	<3	230	<5	160	<.010
420858089442001	02-18-87	<5	9	<.05	<5	<1	<3	380	<5	140	<.010
420858089442101	02-18-87	<5	<5	<.05	<5	<1	<3	100	<5	<50	<.010
				De Kalb County							
413805088405101	09-10-86	<5	40	<.05	<5	<1	<3	160	<5	<50	<.010
413805088405101	09-10-86	<5	38	.09	<5	<1	<3	160	<5	<50	<.010
413805088405102	09-10-86	<5	33	<.05	11	1	<3	160	<5	<50	<.010
413836088370001	09-10-86	<5	19	<.05	6	<1	<3	320	<5	<50	<.010
413844088370601	09-10-86	<5	53	<.05	7	<1	<3	210	<5	<50	<.010
413845088365501	09-10-86	<5	76	<.05	<5	<1	<3	170	<5	200	<.010
413847088392401	10-15-86	<5	38	<.05	<5	<1	<3	170	<5	<50	<.010
413848088395201	10-15-86	<5	30	<.05	<5	<1	<3	240	<5	<50	<.010
414511088461601	07-30-85	<5	84	<.01	<5	<1	<3	1,100	8	<50	<.010
414515088464001	07-30-85	<5	14	.09	<5	1	<3	600	<5	<50	<.010
414608088375201	09-24-86	<5	<5	<.05	<5	1	<3	770	<5	<50	<.010
415424088462501	03-21-85	<5	11	<.10	<5	1	<3	1,300	<5	<50	<.010
	06-06-85	--	--	--	--	--	--	--	--	--	--
415453088445301	09-15-86	<5	<5	<.05	6	<1	3	1,400	<5	<50	<.010
415455088412101	10-17-86	<5	6	<.05	<5	<1	<3	560	<5	<50	<.010

415528088413901	10-17-86	<5	7	<.05	<5	<1	<3	1,100	<5	360	<.010
415545088450501	09-15-86	<5	<5	<.05	9	<1	7	1,400	5	<50	<.010
415552088465601	09-15-86	<5	<5	<.05	<5	<1	<3	940	<5	<50	<.010
415700088430801	09-15-86	<5	<5	.08	<5	<1	<3	2,000	<5	<50	<.010
415825088431901	09-09-86	<5	11	<.05	<5	<1	<3	1,400	<5	<50	<.010
415909088395901	09-25-86	<5	20	<.05	<5	<1	<3	790	<5	<50	<.010
415915088400501	09-25-86	<5	23	<.05	<5	<1	<3	810	<5	<50	<.010
415917088410701	09-09-86	<5	55	<.05	<5	<1	<3	690	<5	<50	<.010
415933088414601	09-09-86	<5	10	<.05	<5	<1	<3	1,500	<5	<50	<.010
420539088505501	09-11-86	<5	26	.07	<5	<1	<3	220	<5	<50	<.010
420544088464301	09-17-85	<5	25	.09	<5	<1	<3	400	<5	<50	<.010
	09-17-85	<5	24	<.01	<5	<1	<3	400	<5	<50	<.010
420549088405801	09-11-86	<5	11	<.05	<5	<1	<3	530	<5	<50	<.010
420552088413801	09-11-86	<5	15	.11	<5	<1	<3	430	<5	<50	<.010
				Du Page County							
414501088140601	09-29-86	<5	<5	.13	<5	<1	<3	2,600	<5	<50	<.010
414602087564601	03-10-87	<5	6	.07	<5	<1	<3	2,500	<5	<50	<.010
414952087592601	03-21-85	<5	11	<.10	<5	<1	<3	4,700	<5	<50	<.010
	05-12-87	<5	11	.62	<5	<1	<3	3,500	<5	<50	<.010
415614088095701	03-07-85	<5	<5	<.01	<5	<1	<3	3,600	<5	<50	<.010
415826088103401	07-07-86	<5	12	<.01	<5	<1	<3	2,100	<5	<50	<.010
415838088114101	07-07-86	<5	22	<.01	23	<1	<3	1,200	<5	<50	<.010
				Fulton County							
402108090194101	08-14-86	<5	7	<.01	30	<1	12	5,400	10	<50	<.010
	08-14-86	<5	7	<.01	22	<1	10	5,200	8	<50	<.010
402154090254101	08-12-86	<5	13	.10	21	<1	7	5,800	5	<50	<.010
402800090054501	08-13-86	<5	37	.07	<5	<1	<3	5,000	<5	<50	<.010
404155089593201	08-14-86	<5	<5	<.01	25	<1	8	670	6	<50	<.010
				Grundy County							
411112088180602	06-10-87	<5	8	<.05	19	<1	<3	220	<5	<50	<.010
411118088181601	06-10-87	<5	<5	<.05	22	<1	<3	1,500	5	<100	<.010
411331088155302	06-12-87	<5	<5	<.05	17	<1	<3	800	<5	<50	<.010
411331088155303	06-12-87	<5	26	<.05	11	<1	<3	720	<5	<50	<.010
411655088170501	06-12-87	<5	<5	<.05	7	<1	<3	3,400	<5	100	<.010
411656088171401	06-12-87	<5	5	<.05	5	<1	<3	3,300	<5	100	<.010
411736088171201	06-12-87	<5	11	<.05	11	<1	<3	3,700	8	180	<.010
412129088252701	03-19-85	<5	<5	<.10	7	<1	9	10	<5	<50	<.010
	12-10-86	<5	9	<.05	<5	<1	<3	1,500	<5	<50	<.010
	05-11-87	<5	8	<.05	<5	<1	<3	1,600	<5	<50	<.010

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Phenols total (µg/L)	Chloroform total (µg/L)	Dichlorobromomethane total (µg/L)	Chlorodibromomethane total (µg/L)	Bromoform total (µg/L)	Methylene chloride total (µg/L)	1,1-Dichloroethylene total (µg/L)	1,1-Dichloroethane total (µg/L)	1,2-Transdichloroethylene total (µg/L)
				Carroll County--Continued						
420451090070301	11-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420503090061001	02-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420512090062801	02-25-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420520090082201	11-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420534089590001	11-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420535089585701	11-20-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-20-86	<5	--	--	--	--	--	--	--	--
420608089501401	11-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420611090092901	11-19-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420614089500101	11-18-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420740090091501	09-05-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
420858089442001	02-18-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420858089442101	02-18-87	<5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
				De Kalb County						
413805088405101	09-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413805088405101	09-10-86	<5	--	--	--	--	--	--	--	--
413805088405102	09-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413836088370001	09-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413844088370601	09-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413845088365501	09-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413847088392401	10-15-86	<5	--	--	--	--	--	--	--	--
413848088395201	10-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414511088461601	07-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414515088464001	07-30-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
414608088375201	09-24-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415424088462501	03-21-85	<5	--	--	--	--	--	--	--	--
	06-06-85	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415453088445301	09-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415455088412101	10-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

415528088413901	10-17-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415545088450501	09-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415552088465601	09-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415700088430801	09-15-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415825088431901	09-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415909088395901	09-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415915088400501	09-25-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415917088410701	09-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415933088414601	09-09-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420539088505501	09-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420544088464301	09-17-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	09-17-85	<5	--	--	--	--	--	--	--	--
420549088405801	09-11-86	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420552088413801	09-11-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Du Page County					
414501088140601	09-29-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414602087564601	03-10-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414952087592601	03-21-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	05-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415614088095701	03-07-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
415826088103401	07-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415838088114101	07-07-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Fulton County					
402108090194101	08-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-14-86	<5	--	--	--	--	--	--	--	--
402154090254101	08-12-86	5	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
402800090054501	08-13-86	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404155089593201	08-14-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
					Grundy County					
411112088180602	06-10-87	<5	--	--	--	--	--	--	--	--
411118088181601	06-10-87	<5	--	--	--	--	--	--	--	--
411331088155302	06-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411331088155303	06-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411655088170501	06-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411656088171401	06-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411736088171201	06-12-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412129088252701	03-19-85	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
	12-10-86	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-11-87	<5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	1,2-Dichloroethane total (µg/L)	1,1,1-trichloroethane total (µg/L)	Carbon-tetrachloride total (µg/L)	Trichloroethylene total (µg/L)	Tetrachloroethylene total (µg/L)	Chlorobenzene total (µg/L)	Benzene total (µg/L)	Toluene total (µg/L)	Ethylbenzene total (µg/L)
				Carroll County--Continued						
420451090070301	11-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420503090061001	02-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420512090062801	02-25-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420520090082201	11-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420534089590001	11-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420535089585701	11-20-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11-20-86	--	--	--	--	--	--	--	--	--
420608089501401	11-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420611090092901	11-19-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420614089500101	11-18-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420740090091501	09-05-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420858089442001	02-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420858089442101	02-18-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
				De Kalb County						
413805088405101	09-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413805088405101	09-10-86	--	--	--	--	--	--	--	--	--
413805088405102	09-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413836088370001	09-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
413844088370601	09-10-86	<1.0	<1.0	<1.0	17.0	<1.0	<1.0	<1.0	<1.0	<1.0
413845088365501	09-10-86	<1.0	<1.0	<1.0	24.0	<1.0	<1.0	<1.0	<1.0	<1.0
413847088392401	10-15-86	--	--	--	--	--	--	--	--	--
413848088395201	10-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414511088461601	07-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414515088464001	07-30-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414608088375201	09-24-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415424088462501	03-21-85	--	--	--	--	--	--	--	--	--
	06-06-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415453088445301	09-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415455088412101	10-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

415528088413901	10-17-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415545088450501	09-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415552088465601	09-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415700088430801	09-15-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415825088431901	09-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415909088395901	09-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0
415915088400501	09-25-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415917088410701	09-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415933088414601	09-09-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420539088505501	09-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420544088464301	09-17-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09-17-85	--	--	--	--	--	--	--	--	--
420549088405801	09-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
420552088413801	09-11-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Du Page County

414501088140601	09-29-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414602087564601	03-10-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
414952087592601	03-21-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415614088095701	03-07-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415826088103401	07-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
415838088114101	07-07-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Fulton County

402108090194101	08-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08-14-86	--	--	--	--	--	--	--	--	--
402154090254101	08-12-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
402800090054501	08-13-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
404155089593201	08-14-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Grundy County

411112088180602	06-10-87	--	--	--	--	--	--	--	--	--
411118088181601	06-10-87	--	--	--	--	--	--	--	--	--
411331088155302	06-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411331088155303	06-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411655088170501	06-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411656088171401	06-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
411736088171201	06-12-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
412129088252701	03-19-85	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12-10-86	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05-11-87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Time	Station name	Agency collecting sample[1]	Agency analyzing sample[1]	Depth below land surface (water level) (feet)
			Grundy County--Continued			
412129088253301	06-09-87	1405	Morris Well No. 3	17002	17002	--
412143088254901	06-09-87	1320	Morris Well No. 5	17002	17002	--
412720088153201	06-09-87	1040	Minooka Well No. 3	17002	17002	--
412720088153202	06-09-87	1120	Minooka Well No. 4	17002	17002	--
			Henderson County			
404147090492701	08-28-86	1025	Raritan Well No. 1	17002	17002	--
405106090515701	08-27-86	1030	Biggsville Well No. 2	17002	17002	--
			Henry County			
411000090024001	05-14-86	1135	Galva Well No. 3	17002	17002	--
411002090023401	05-14-86	1045	Galva Well No. 4	17002	17002	--
411037090185501	11-05-86	1315	Woodhull Well No. 1	17002	17002	--
411037090185502	11-05-86	1340	Woodhull Well No. 2	17002	17002	--
411129090225701	07-31-86	1005	Alpha Well No. 2	17002	17002	--
411335089555201	04-28-86	1245	Kewanee Well No. 4	17002	17002	--
411449089553401	04-28-86	1155	Kewanee Well No. 1	17002	17002	--
	04-28-86	1200	Kewanee Well No. 1	17002	17002	--
411454089553401	04-28-86	1120	Kewanee Well No. 2	17002	17002	--
411815090112901	04-30-86	1145	Cambridge Well No. 3	17002	17002	--
411816090112901	04-30-86	1055	Cambridge Well No. 2	17002	17002	--
			Jo Daviess County			
421528090170501	11-13-86	1225	Hanover Well No. 1	17002	17002	--
421532090171001	11-13-86	1125	Hanover Well No. 2	17002	17002	165.00
421902090131901	07-24-85	1340	Elizabeth Well No. 2	17002	17002	--
421908090132901	11-18-86	1425	Elizabeth Well No. 1	17002	17002	--
422056090001701	10-23-86	1230	Stockton Well No. 4	17002	17002	--

422101090003001	10-23-86	1130	Stockton Well No. 6	17002	17002	--
422111090004101	10-23-86	1035	Stockton Well No. 5	17002	17002	--
422250090183701	10-22-86	1100	Galena Territory Well No. 3 (Shenandah Well No. 2)	17002	17002	88.00
422306090180201	10-22-86	1150	Galena Territory Well No. 4 (Shenandah Well No. 1)	17002	17002	130.00
422346090201301	11-05-86	1010	Galena Territory Well No. 2 (Resort Core Well No. 1)	17002	17002	296.00
422417090184301	10-22-86	1300	Galena Territory Well No. 6 (Eagle Ridge)	17002	17002	111.00
422443090193501	11-05-86	1110	Galena Territory Well No. 1 (Thunder Bay Well No. 1)	17002	17002	30.00
422443090262201	11-14-86	1100	Galena Well No. 6	17002	17002	109.00
422514090201201	11-05-86	1150	Galena Territory Well No. 402 (Thunder Bay No. 2)	17002	17002	--
422544090263301	11-14-86	1010	Galena Well No. 5	17002	17002	59.00
422546090083301	10-22-86	0935	Apple Canyon Utility Company Well No. 1	17002	17002	87.00
422547090083401	09-05-85	1045	Apple Canyon Lake Utility Company Well No. 2	17002	17002	--
422655090030801	09-05-85	0910	Apple Canyon State Park Well No. 2 Canyon Ridge	17002	17002	--
422836090145401	02-19-87	1115	Scales Mound Well No. 3 (Ill. Central RR Well No. 3)	17002	17002	139.00
	02-19-87	1125	Scales Mound Well No. 3 (Ill. Central RR Well No. 3)	17002	17002	139.00
422836090145601	02-19-87	1025	Scales Mound Well No. 2	17002	17002	80.00
422948089591201	10-30-86	1045	Warren Well No. 3	17002	17002	110.00
422951089592301	10-31-86	1130	Warren Well No. 2	17002	17002	53.00
423001089594001	10-30-86	1235	Warren Well No. 4	17002	17002	--
423002090052801	07-10-85	1155	Apple River Well No. 1	17002	17002	--
423021090364001	07-10-85	1350	Mt. Vernon Water and Sewer Company Well No. 3	17002	17002	--
			Kane County			
414338088185501	10-21-86	1215	Montgomery Well No. 8	17002	17002	--
414338088201201	10-21-86	1100	Montgomery Well No. 3	17002	17002	--
414343088204001	10-21-86	1000	Montgomery Well No. 2	17002	17002	--
414401088205001	03-11-87	1510	Montgomery Well No. 4	17002	17002	--
414407088190501	08-20-86	1320	Aurora Well No. 16	17002	17002	--
414423088230801	08-21-86	1430	Aurora Well No. 23	17002	17002	--
414507088203201	08-20-86	1425	Aurora Well No. 15	17002	17002	--
414508088220801	09-29-86	1210	Aurora Well No. 19	17002	17002	--
414523088185901	09-29-86	1110	Aurora Well No. 8	17002	17002	--
414531088164201	08-20-86	1125	Aurora Well No. 18	17002	17002	--
414557088231801	08-21-86	1525	Aurora Well No. 21	17002	17002	--
414610088171501	09-10-86	1025	Breazeale Mobile Home Park Well No. 1	17002	17002	--
414611088171801	09-10-86	1045	Breazeale Mobile Home Park Well No. 2	17002	17002	--
414622088194401	03-18-87	1120	Aurora Well No. 17	17002	17002	--
414653088204901	09-29-86	1310	Aurora Well No. 25	17002	17002	--
414805088160201	08-20-86	1020	Aurora Well No. 20	17002	17002	--
414810088202701	08-22-86	1150	North Aurora Well No. 4	17002	17002	442.00
	08-22-86	1200	North Aurora Well No. 4	17002	17002	442.00
414829088184901	08-22-86	1000	North Aurora Well No. 5	17002	17002	--
414831088193801	08-22-86	1100	North Aurora Well No. 3	17002	17002	398.00

[1] 17002 - Illinois Environmental Protection Agency
81700 - U.S. Geological Survey

Table 5.--Water-quality records for wells open primarily to the Cambrian-Ordovician aquifer systems--Continued

Station number	Date	Pump or flow period prior to sampling (min)	Flow rate, instantaneous (gal/min)	Specific conductance (µS/cm)	pH (standard units)	Oxidation reduction potential (mV)	Temperature water (deg C)	Calcium total recoverable (mg/L as Ca)	Magnesium, total recoverable (mg/L as Mg)	Sodium, total recoverable (mg/L as Na)	Potassium, total recoverable (mg/L as K)
				Grundy County--Continued							
412129088253301	06-09-87	65	980	--	--	--	--	64	30	45	9.4
412143088254901	06-09-87	80	1,000	750	7.10	-154	16.0	70	27	52	10
412720088153201	06-09-87	280	295	810	7.30	-154	16.0	63	20	75	13
412720088153202	06-09-87	27	197	790	7.50	-175	13.5	41	23	95	12
				Henderson County							
404147090492701	08-28-86	145	--	2,260	7.00	-189	19.5	110	46	370	24
405106090515701	08-27-86	210	--	2,950	6.90	-229	19.5	170	65	470	29
				Henry County							
411000090024001	05-14-86	275	500	1,450	6.20	-273	20.0	32	14	270	12
411002090023401	05-14-86	225	450	880	5.90	-280	18.5	27	11	280	10
411037090185501	11-05-86	75	85	700	7.40	-301	16.5	23	13	140	9.2
411037090185502	11-05-86	55	85	657	7.40	-294	16.5	29	15	140	10
411129090225701	07-31-86	--	135	1,530	7.20	-279	17.5	40	18	270	13
411335089555201	04-28-86	285	1,000	2,730	7.10	-144	21.5	87	34	430	18
411449089553401	04-28-86	55	650	3,450	7.10	-65	22.0	120	39	580	21
	04-28-86	60	650	3,500	7.10	-65	22.0	120	39	580	21
411454089553401	04-28-86	200	700	2,980	7.10	-2	22.0	96	35	510	20
411815090112901	04-30-86	285	365	1,690	7.40	-184	19.5	40	19	300	13
411816090112901	04-30-86	>1,440	220	940	7.10	-181	16.0	39	18	150	7.2
				Jo Daviess County							
421528090170501	11-13-86	33	270	460	7.30	--	13.5	62	40	3.0	2.4
421532090171001	11-13-86	29	--	430	7.40	--	16.0	42	33	1.3	1.3
421902090131901	07-24-85	360	125	640	7.10	-94	13.5	75	43	5.8	1.5
421908090132901	11-18-86	30	220	840	7.00	--	12.5	93	54	18	2.2
422056090001701	10-23-86	32	260	555	7.10	--	15.0	62	38	3.4	1.2

90	475	7.20	-18	15.5	44	34	1.5	1.1
00	545	7.00	175	14.0	61	37	3.4	1.4
30	600	7.10	--	12.0	70	38	2.4	.5
30	575	7.10	--	12.5	71	39	2.7	.6
60	530	7.40	--	12.0	63	36	2.3	.8
10	--	7.10	--	12.0	62	32	1.6	.7
10	585	7.00	--	11.0	69	38	4.4	.6
00	425	7.30	-118	15.5	46	31	1.3	1.6
60	590	7.00	--	11.5	67	37	3.0	1.0
70	405	7.30	-55	15.0	47	31	1.4	1.3
00	525	7.10	42	15.0	57	38	1.6	1.3
00	330	7.00	25	12.0	75	49	5.2	.7
--	--	--	--	--	71	44	2.9	.5
75	700	7.10	-51	11.5	83	41	9.6	2.1
75	700	7.10	-51	11.5	83	41	9.6	2.2
50	610	7.10	-48	12.0	75	39	3.4	1.5
00	535	7.10	147	12.5	61	37	3.7	.4
00	605	7.10	33	12.5	74	41	4.2	.5
00	540	7.10	-18	13.0	72	40	14	.5
--	520	7.20	-76	12.5	60	33	4.7	.9
33	915	7.10	87	12.0	110	55	13	.8

Kane County

950	585	7.10	-38	15.5	58	23	41	12
640	635	7.50	-54	14.5	56	23	47	13
550	1,110	7.20	-50	12.5	99	48	81	7.8
750	--	--	--	--	57	24	37	11
800	360	7.20	-107	19.0	59	20	65	14
795	265	7.20	-54	16.0	62	26	17	9.5
900	310	7.20	-60	16.0	64	24	33	11
920	575	7.30	-55	15.0	61	23	23	10
100	--	--	--	--	67	24	41	11
850	340	7.20	-88	15.0	66	24	45	12
840	285	7.20	36	15.0	60	25	28	11
35	--	--	--	--	59	32	48	14
80	--	--	--	--	120	67	38	7.7
960	720	7.30	-143	17.5	62	23	48	13
920	630	7.00	6	13.0	56	24	40	12
320	310	7.20	-46	14.0	63	25	30	11
000	300	7.30	-41	12.5	60	25	36	13
000	300	7.20	-40	12.5	60	25	36	13
080	310	7.30	-50	12.0	57	28	41	14
800	300	7.20	-47	14.0	60	25	32	12