BASIC DATA REPORT NO. 20
1994

GROUND-WATER AND SURFACE-WATER DATA FOR KENT COUNTY, MARYLAND

Department of Natural Resources
MARYLAND GEOLOGICAL SURVEY
Emery T. Cleaves, Director

Prepared in cooperation with the
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Compiled by
MICHAEL D. TOMPKINS,
BARBARA F. COOPER and DAVID D. DRUMMOND

CONVERSION FACTORS, VERTICAL DATUM, AND WATER-QUALITY UNITS

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

Multiply inch-pound units	by	To obtain metric units
inch (in.)	25.4	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
square mile (mi^2)	2.590	square kilometer (km^2)
gallon (gal)	3.785	liter (L)
cubic foot per second (ft^3/s)	0.02832	cubic meter per second (m^3/s)
cubic foot per day (ft^3/d)	0.02832	cubic meter per day (m^3/d)
gallon per minute (gal/min)	0.06309	liter per second (L/s)
gallon per day (gal/d)	3.785	liter per day (L/d)
million gallons per day (Mgal/d)	3,785	cubic meter per day (m^3/d)
foot per day (ft/d)	0.3048	meter per day (m/d)

Sea Level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Sea Level Datum of 1929."

In this report, chemical concentration and water temperature are expressed in metric units. Chemical concentration is given in milligrams per liter (mg/L) or micrograms per liter (µg/L). Milligrams per liter is a unit expressing the concentration of chemical constituents in solution as weight of solute per unit volume of water. One milligram per liter equals one thousand micrograms per liter. Tritium concentrations are expressed in picocuries per liter (pCi/L).

Water temperature is expressed in degrees Celsius (°C), which can be converted to degrees Fahrenheit (°F) by the following equation:

$$°F = 1.8(°C) + 32$$

Specific electrical conductance of water is expressed in microsiemens per centimeter at 25°C (µS/cm). This unit is identical to micromhos per centimeter at 25°C, formerly used by the U.S. Geological Survey.

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ABSTRACT

Hydrologic data are presented for Kent County. The data were collected during the course of a 4-year project conducted in cooperation with the U.S. Geological Survey, or compiled from file sources. The data presented include records from 1,866 wells, and 4 springs; chemical analyses from 119 wells, 1 spring, and 11 stream sites; streamflow measurements from 17 sites; streamflow characteristics from one site; chloride concentrations and specific conductance measurements of estuary waters at 14 sites; ground-water appropriation and withdrawal data from 21 wells and well-fields; hydrographs from 23 wells; geophysical logs from 4 sites; and lithologic descriptions from 4 wells. Well-location maps and maps showing surface-water sites are also included.

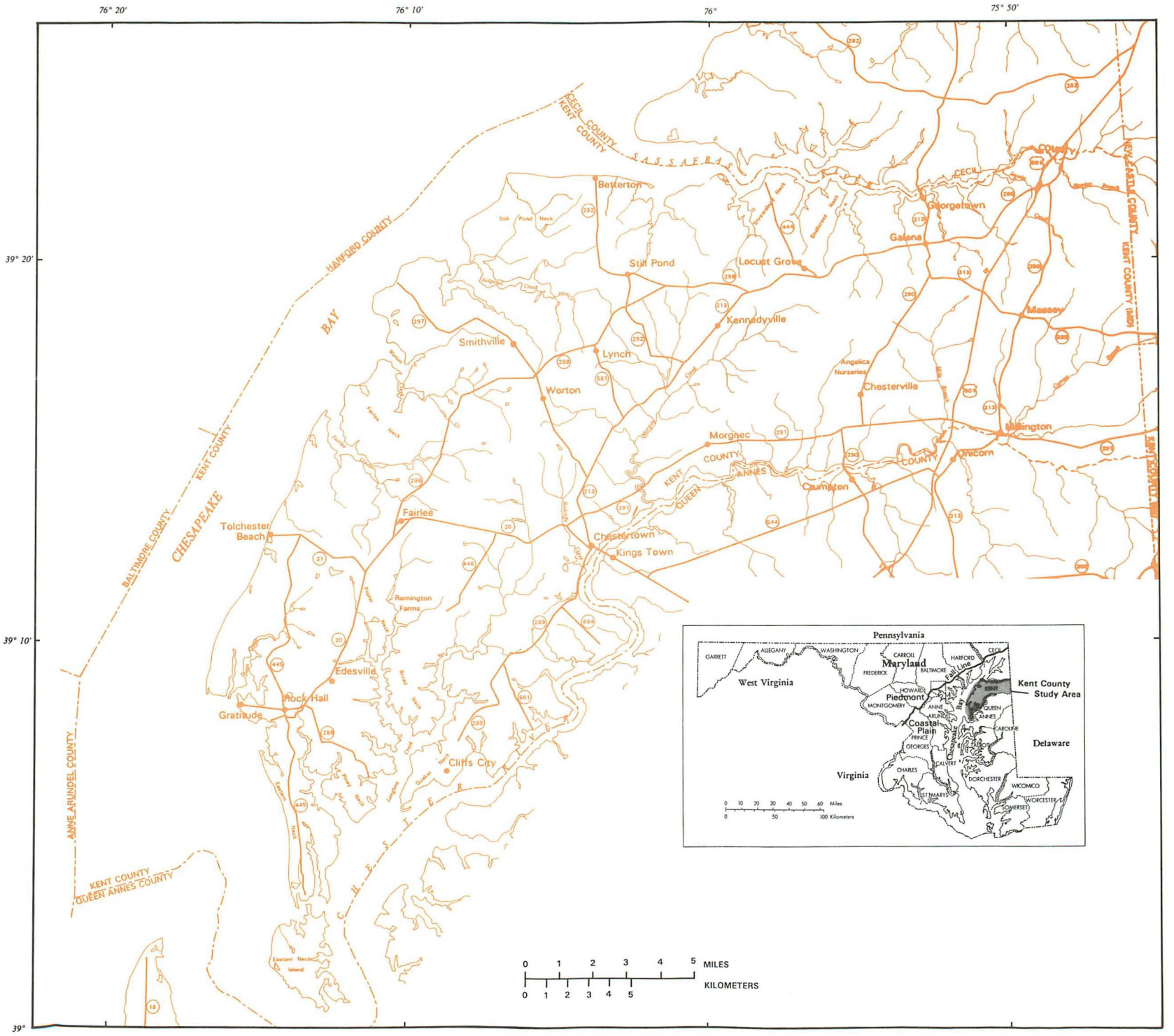

Figure 1. — Location of Kent County study area.

INTRODUCTION

Kent County has experienced growth during the past several decades that has resulted in increased water demand. The county population increased from 13,677 in 1950 to 17,842 in 1990 (U. S. Census Bureau), and ground-water withdrawals increased from about 1.4 Mgal/d in 1950 to about 4.6 Mgal/d in 1990 (Judy Wheeler, written commun., 1993). The Maryland Geological Survey has not conducted a systematic study of the ground-water resources of Kent County since Overbeck and Slaughter (1958). This report is part of a 4-year study conducted in cooperation with the U. S. Geological Survey that updates the hydrologic data base and investigates the ground-water resources of Kent County. This basic data report supplements a hydrologic assessment report that is also being prepared as a part of the study (Drummond, in preparation).

Location of Study Area

Kent County is located on Maryland's upper Eastern Shore of the Chesapeake Bay (fig. 1), and is entirely within the Coastal Plain physiographic province. It is bounded on the west by the Chesapeake Bay, on the north by the Sassafras River and Cecil County, on the east by Delaware, and on the south by the Chester River and Queen Anne's County. Kent County comprises 281 mi^2 of land area (Overbeck and Slaughter, 1958).

Purpose and Scope

The purpose of this report is to present hydrologic data from the Coastal Plain aquifers in Kent County, Maryland. The data were collected during the course of a 4-year study conducted in cooperation with the U. S. Geological Survey or compiled from previously published reports and file sources at the Maryland Geological Survey and the U. S. Geological Survey. The data presented include records from 1,866 wells, and 4 springs; chemical analyses from 119 wells, 1 spring, and 11 stream sites; streamflow measurements from 17 sites; streamflow characteristics from 1 site; chloride concentrations and specific conductance measurements in estuaries at 14 sites; ground-water appropriation and withdrawal data from 21 wells and well-fields; hydrographs from 23 wells; geophysical logs from 4 wells; and lithologic descriptions from 5 wells. Well-location maps are included at the end of this report.

Previous Investigations

Clark, Mathews, and Berry (1918) described the ground-water resources of Maryland, and included some data for Kent County. Overbeck and Slaughter (1958) described the water resources of the upper Eastern Shore and included extensive data for wells and springs in Kent County. Cushing, Kantrowitz, and Taylor (1973) provided hydrologic data for the Delmarva Peninsula. Woll (1978) compiled chemical-quality data for ground water throughout Maryland. Carpenter (1983) published streamflow characteristics of Morgan Creek. Otton and Mandle (1984) studied the aquifers of the Potomac Group in the upper Chesapeake Bay area and published lithologic logs and geophysical logs for several deep test wells in Kent County. Wilson (1984) provided hydrologic data for the Columbia aquifer on the Eastern Shore of Maryland. Smigaj and Davis (1987) published a hydrograph for well KE Cd 44. Wheeler and Wilde (1989) compiled water-use data for the Coastal Plain aquifers of Maryland. Hansen (1992) reported the results of a core hole drilled near Chesterville. The U. S. Geological Survey (1976-1992) publishes annual data reports for Maryland and Delaware, which include ground-water and surface-water records for Kent County.

Site-numbering Systems

Well and spring numbers are designated in the following manner. Each county in Maryland is divided into quadrangles of 5 minutes latitude and 5 minutes longitude. Each quadrangle is assigned a two-letter code; the first letter is determined by the latitude, and the second by the longitude. The first group of letters in the well or spring number indicates the county code (KE for Kent, CE for Cecil, QA for Queen Anne's); the second group indicates the 5-minute quadrangle in which the well or spring is located; and the third group is a sequential number generally assigned in the order in which the well or spring was inventoried. Thus, KE Cd 100 is the one-hundredth well inventoried in quadrangle Cd in Kent County.

Wells in Delaware are numbered according to a different system (Talley and Windish, 1984). The state of Delaware is divided into quadrangles of 5 minutes latitude and 5 minutes longitude. Each quadrangle is assigned a two-letter code; the first letter is determined by the latitude, and the second by the longitude. Each quadrangle is further subdivided into 25 1-minute blocks which are numbered from north to south in series of 10 from 10 to 50 and are numbered from west to east in units from 1 to 5. Wells within these 1-minute blocks are assigned sequential numbers as they are inventoried. The first two letters of the well designation indicate the 5-minute quadrangle in which the well is located; the following two digits indicate the 1-minute block within the 5-minute quadrangle; the last two digits indicate the sequential number. For example, well Gb22-06 is the sixth well inventoried in the 1-minute block that is designated "Gb22".

The locations of 5-minute quadrangles in Kent County are shown in figure 5 with locations of wells in surrounding areas that are included in this report. The locations of selected wells in Kent County are shown on the well-location maps at the end of this report.

Acknowledgments

The authors express thanks to Remington Farms, Angelica Nurseries, Tolchester Marina, and the Kent County Department of Public Works and Department of Parks and Recreation for providing sites on which to drill test wells. Thanks also go to the many homeowners, businesses, and local governments for allowing project personnel to make water-level measurements and collect water samples from their wells.

GROUND-WATER AND SURFACE-WATER DATA

Records of Wells and Springs

Table 1 shows the generalized stratigraphy and hydrogeology of Kent County as used in this report. The important aquifers in Kent County are (from shallowest to deepest) the Columbia, Aquia, Monmouth, Magothy, and Potomac aquifers.

Table 2 shows test-well data from 12 wells and 1 continuous core hole at 5 sites that were drilled as part of the current project. The data include the site name, well number, state permit number, altitude, depth drilled, screened interval, core intervals, geophysical logs available, and chloride concentration.

Table 3 is a compilation of data for all wells and springs in Kent County that have been inventoried by the U. S. Geological Survey or the Maryland Geological Survey. Additional wells in Cecil County, Queen Anne's County, and Delaware that were used in the project are also included in table 3. A total of 1,866 wells are included in the table. Data in table 3 include well number, state permit number, owner's name, driller, altitude, construction information, aquifer, water level, and yield information. Table 4 shows data from 4 springs in Kent County and includes the spring number, owner's name, altitude, topographic setting, use of water, geologic unit, and yield information.

Hydrographs for 18 wells are shown in figure 2 for the period December 1991 through August 1993. These wells were equipped with continuous water-level recorders as part of the current project. The hydrographs show minimum daily water levels for all wells except well KE Be 43, which displays daily maximum water levels. Minimum daily water levels for this well are misleading due to mechanical failures in the recorder.

Hydrographs for 8 wells with long periods of record are shown in figure 3. These hydrographs show hand-held water-level measurements for periods of record going as far back as 1959 for well KE Cd 44. Trend lines are drawn between measurements taken within 60 days of each other. Five of these wells were equipped with continuous water-level recorders as part of the current project; short-term hydrographs for these wells are also shown in figure 2.

Geophysical logs for 4 test-well sites are shown in figure 4. The wells at these sites were drilled as part of the current project. An additional test well was drilled at Tolchester Beach (KE Cb 102), but was not included in figure 3 because geophysical logs were not obtained. Geophysical logs for the following previously drilled test wells are contained in Otton and Mandle (1984): KE Ac 20, KE Be 43, KE Bg 33, KE Cb 36, and KE Db 40.

Streamflow Data

Table 5 lists streamflow data for 17 stream stations in Kent County, the locations of which are shown in figure 5. Nine streamflow measurements were made as part of the current study; the others were made during previous projects.

Table 6 shows streamflow characteristics for the continuous-recording gage on Morgan Run near Kennedyville. This is the only site in Kent County equipped with a continuously-recording stream gage. Maximum peak flow (7,500 ft^3/s) at this gage was recorded on June 22, 1972 during tropical storm Agnes. The minimum discharge was recorded on August 28 and 29, 1966 during a period of prolonged drought.

Water-Quality Data

Tables 7 through 11 list water-quality analyses of ground water, and tables 12 through 15 list water-quality analyses of surface water in Kent County. Tables 7 and 12 list major constituents and radon, tables 8 and 13 list nutrients and organic carbon, tables 9 and 14 list trace metals, tables 10 and 15 list pesticides, and table 11 lists volatile-organic compounds. A total of 57 wells were sampled as part of the current project; the rest were sampled during other projects. All streamwater samples were collected during other projects. For this study, all water samples were collected in accordance with U. S. Geological Survey methods (Skougstad and others, 1979), (U. S. Geological Survey, 1977). Tables 16 and 17 list chloride concentrations and specific-conductance measurements of water from estuary sites on the Chester and Sassafras Rivers and the Chesapeake Bay. The samples were collected in the field from May 1991 to July 1993 and brought back to the laboratory for analysis. Chlorides were measured using a field titration kit, and conductances were measured using a conductance meter.

Table 1. — Generalized hydrogeology and stratigraphy of Kent County

[Stratigraphy modified from Owens and Denny (1979) and Hansen (1992)]

System	Series	Hydro-geologic unit	Strati-graphic unit	Approximate thickness (feet)	Lithology	Water-bearing properties
Quaternary	Pleistocene	Columbia aquifer	Kent Island Formation	0-35(?)	Loose, light-colored, medium to coarse, sand, and dark-colored, massive silt-clay.	Functions as an unconfined or semi-confined aquifer.
	?					
Tertiary	Pliocene(?) and/or Upper Miocene(?)		Pensauken Formation	0-145(?)	Orange to reddish brown, fine to coarse, sand and gravelly sand.	Functions as an unconfined or semi-confined aquifer. Yields moderate amounts of water to shallow wells.
	?					
	Miocene	Calvert confining unit	Calvert Formation	0-15(?)	Light brown and gray clay and silt, and white and gray very fine to fine sand.	Functions as a leaky confining unit in parts of eastern Kent County.
	Oligocene	Aquia aquifer	Old Church(?) Formation	0-5(?)	Dusky brown clayey, fine to medium, glauconitic sand.	Not an important unit due to its limited extent.
	Eocene(?)		Nanjemoy(?) Formation	0-30(?)	Greenish gray clayey, fine to medium, glauconitic sand.	Not an important unit due to its limited extent.
	Paleocene		Aquia Formation	0-200	Greenish gray clayey, fine to medium glauconitic sand.	An important confined and semi-confined aquifer throughout much of Kent County.
			Hornerstown Formation	0-100	Olive brown to grayish, fine to medium, glauconitic sand.	
Cretaceous	Upper Cretaceous	Severn confining unit	Severn Formation	0-40	Dark gray, clayey, glauconitic, fine sand.	Functions as a leaky confining unit.
		Monmouth aquifer	Mt. Laurel Formation	0-100	Light to medium gray, fine to coarse, clayey, glauconitic sand.	Functions as a fair aquifer in some parts of the county.
		Matawan confining unit	Matawan Group (undivided)	0-155	Dark to olive gray silty clay and fine sand.	Functions as a confining unit throughout most of the county but yields small amounts of water in some places.
		Magothy aquifer	Magothy Formation	0-55	Yellow-brown and light gray, fine to very coarse, quartz sand and gray to black, lignitic clay.	An important aquifer where the sandy facies is present.
	?					
	Lower Cretaceous	Potomac aquifer	Potomac Group (undivided)	1,150-2,500	Light-colored, fine to very coarse sand, and variegated, silty clay.	Sandy units function as aquifers; clay units function as confining units.
Paleozoic			Basement complex		Various types of crystalline rock and saprolite.	Not used for water supply in Kent County.

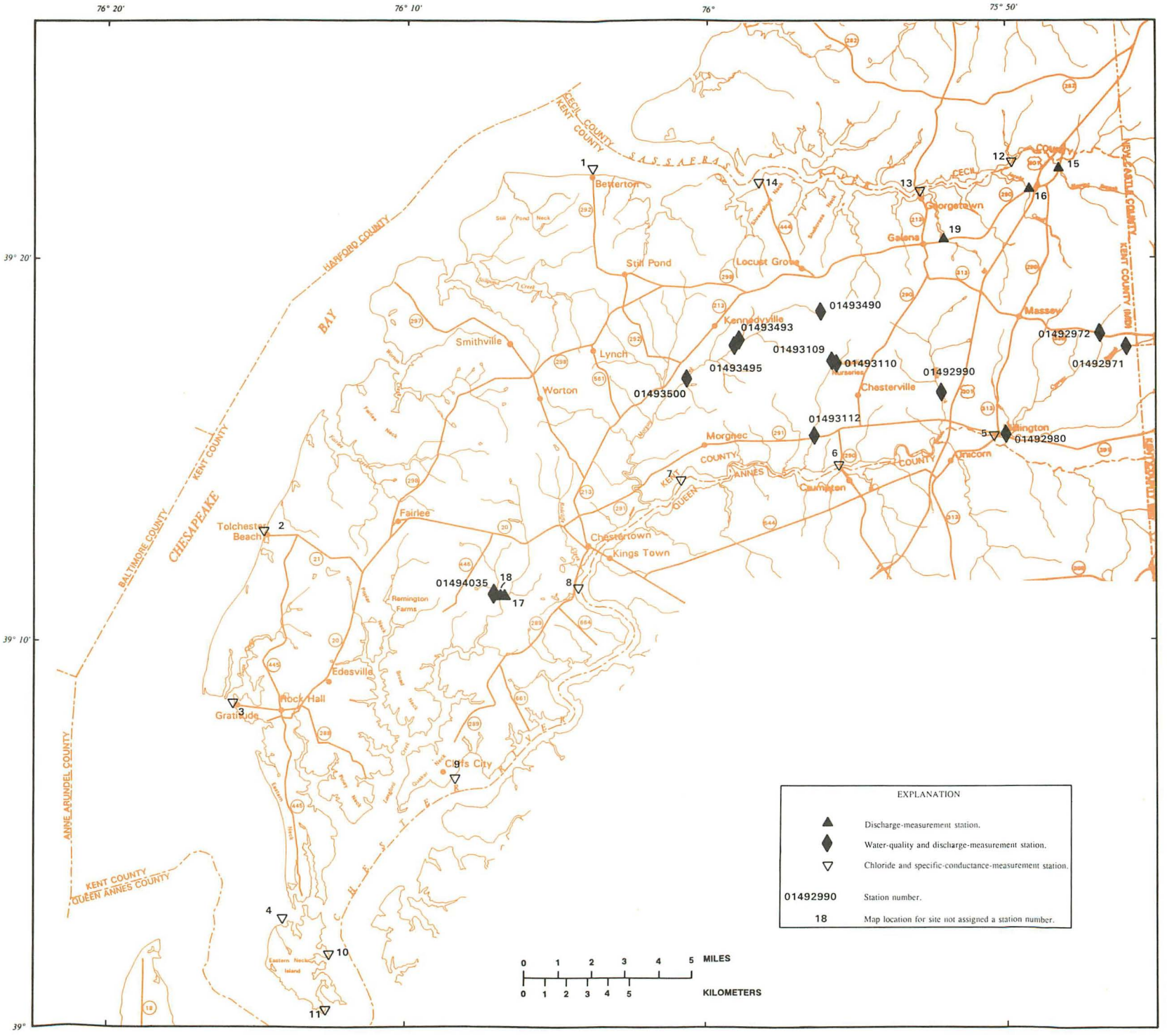

Figure 5. — Locations of surface-water sites in Kent County.

Ground-Water Appropriation and Withdrawal Data

Table 18 is a compilation of ground-water appropriation and withdrawal data for all major users (greater than 10,000 gal/d average use) from 1900 through 1992. The appropriations are made by the Maryland Water Resources Administration for the average amount of ground water a user may withdraw during a calender year. The withdrawal data were compiled from Wheeler and Wilde (1989) and from records on file at the Maryland Water Resources Administration (Judy Wheeler, written commun. 1993).

Lithologic Descriptions

Table 19 gives composite lithologic descriptions from the five test-well sites that were drilled as a part of the current study. The descriptions are based on drill cuttings and core samples from all wells at each site, and geophysical logs obtained from the uncased bore holes.

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Table 2. — Records of test wells in Kent County

[ft = feet; mg/L = milligrams per liter; - - = data not collected; C = Caliper log; G = Gamma-ray log; L = Lateral electric log; M = Multi-point electric log; S = Single-point electric log]

Site	Well number	State permit number	Altitude of land surface (ft)	Depth drilled (ft)	Screened interval (ft)	Core intervals (ft)	Geophysical logs	Chloride concen-tration (mg/L)	Date chloride concentration measured
Worton Park	KE Bc 184	KE-88-0256	82.02	240	200-210	--	G	--	--
	KE Bc 185	KE-88-0255	82.09	60	40- 50	--	--	4.5	05-05-92
	KE Bc 186	KE-88-0286	82.00	290	255-265	88.0- 89.2 135.0-137.0 177.0-179.0 210.0-212.3 222.0-224.0	G,M,S	2.4	05-05-92
Angelica Nurseries	KE Be 171	KE-88-0257	41.41	450	425-435	--	G,M	5.8	12-20-91
	KE Bf 180 (core hole)	--	55	480	--	23.0-480.0	C,G,L,M,S	--	--
Remington Farms	KE Cb 97	KE-88-0251	65.84	330	270-280	--	G,M,S	6.9	05-06-92
	KE Cb 98	KE-88-0254	65.78	229	210-220	--	--	2.7	12-05-91
	KE Cb 99	KE-88-0252	65.78	135	118-128	--	--	2.5	05-06-92
	KE Cb 100	KE-88-0253	65.69	75	52- 62	--	--	3.8	12-11-91
	KE Cb 103	KE-88-0288	65.6	420	389-399	110.0-112.0 175.0-177.0 200.0-201.9 246.0-248.3 361.0-362.9	G,M,S	1.1	12-09-91
Tolchester Beach	KE Cb 101	KE-88-0250	31.12	80	58- 68	--	G	19	05-05-92
Cliffs City	KE Dc 89	KE-88-0246	4.52	140	14- 24	--	G,M,S	2,400	12-18-91
	KE Dc 91	KE-88-0247	4.64	160	140-150	--	G	4,300	12-16-91

Table 3. — Records of selected wells in Kent County and surrounding areas

[ft = feet; in = inches; gal/min = gallons per minute; (gal/min)/ft = gallons per minute per foot of drawdown; - - = data not available]

Explanation of codes

	Drillers
American	American Water Well Systems Inc.
CZ Enterpris	C Z Enterprises Inc.
Collier Well	Collier's Well Drilling Inc.
Delmarva	Delmarva Drilling Co. Inc.
Ennis Bros	Ennis Brothers
Fisher Drlg	Fisher Well Drilling
Hardin Assoc	Hardin and Associates
Heikes Well	Heikes Well Co.
Ideal	Ideal Well Drillers
Kelley Drlg	Kelley Well Drilling
Layne Atlan	Layne Atlantic Co.
Lifetime	Lifetime Well Drilling Inc.
Middletown	Middletown Well Drilling Co.
MD Wtr Rrsc	MD Water Resources Administration
Pierson Well	Pierson Well & Pump Service
Queenstown	Queenstown Well Drilling Co.
Shannahan Ar	Shannahan Artesian Well Co. Inc.
S Shannahan	Sam Shannahan Well Co.
Shore	Shore Well Drilling Co.
Sydnor Hydro	Sydnor Hydrodynamics Inc.
Tri County	Tri County Drilling
USGS	U. S. Geological Survey
White Drlg	White Drilling Corp.

	Use of Water
A	Heat pump
C	Commercial
F	Fire
H	Domestic
I	Irrigation
J	Industrial (cooling)
N	Industrial
P	Public supply
Q	Aquaculture
R	Recreation
S	Stock
T	Institutional
U	Unused
Z	Other

	Hydrogeologic Unit
112CLMB	Columbia Aquifer
122CLVR	Sandy unit in Calvert confining unit
125AQUI	Aquia Aquifer
211MGTY	Magothy Aquifer
211MNMT	Monmouth Aquifer
211MTWN	Sandy unit in Matawan confining unit
217PTMC	Potomac Aquifer

	Remarks
C	Drill cuttings available
L	Geophysical logs available
O	Observation well
Q	Water-quality data available
X	Exact location of well uncertain
Y	Well number formerly assigned to different well

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Ac 1	KE-00-1877	Harris, Walter	Ennis Bros	02-27-1948	85	137	137	H	217PTMC
KE Ac 2	--	Echo Hill Outdoor Sch	--	--	2	14	14	U	217PTMC
KE Ac 3	KE-00-5972	Camp Tockwogh, YMCA	Middletown	09-10-1950	75	109	109	U	217PTMC
KE Ac 4	KE-00-4153	Camp Tockwogh, YMCA	Middletown	06-18-1949	80	140.5	140.5	U	217PTMC
KE Ac 5	KE-00-0140	Roberts, Estelle D	Ennis Bros	00-00-1946	70	109	109	U	217PTMC
KE Ac 6	KE-00-3845	Rice, Peter	Ennis Bros	05-02-1949	10	90.6	88.1	U	217PTMC
KE Ac 7	KE-00-5933	Kelch, C T	Ennis Bros	06-01-1950	50	85.4	85.4	H	217PTMC
KE Ac 8	--	Harris, Walter	--	--	90	100	100	U	112CLMB
KE Ac 9	--	Fair Promise Farm	--	--	80	--	--	H	--
KE Ac 10	--	Fair Promise Farm	--	--	5	--	--	-	--
KE Ac 11	KE-00-6394	Crothers, J L E	Ennis Bros	08-14-1950	50	106.6	101.1	H	217PTMC
KE Ac 12	--	Johnson, Eldridge R	--	--	60	63.1	63.1	H	112CLMB
KE Ac 14	--	Burka, Alfred	--	--	45	90	90	H	112CLMB
KE Ac 15	--	Storey, L	--	--	90	78	78	H	112CLMB
KE Ac 16	KE-00-9543	Echo Hill Outdoor Sch	Middletown	03-12-1952	30	63	63	U	217PTMC
KE Ac 17	KE-00-9601	Snodgrass, L E	Ennis Bros	03-07-1952	5	86	86	H	217PTMC
KE Ac 18	KE-03-0055	Camp Tockwogh, YMCA	Shannahan Ar	04-15-1958	60	121	104	P	112CLMB
KE Ac 19	KE-67-0013	Camp Tockwogh, YMCA	W F Stewart	08-28-1966	85	112	112	U	112CLMB
KE Ac 20	KE-73-0658	U.S. Geological Survey	Sydnor Hydro	12-06-1977	7	1151	600	U	217PTMC
KE Ac 21	KE-73-0641	Blevins, Webb C	Lifetime	11-09-1977	65	165	165	H	217PTMC
KE Ac 22	KE-73-0905	Blevins, Webb C	Lifetime	08-16-1979	65	157	157	H	217PTMC
KE Ac 23	KE-73-0906	Blevins, Webb C	Lifetime	08-17-1979	65	212	212	H	217PTMC
KE Ac 24	KE-01-6552	Blevins, Webb C	Ennis Bros	10-13-1954	60	357	245	Z	217PTMC
KE Ac 25	KE-81-0219	Echo Hill Outdoor Sch	Middletown	06-12-1984	50	51	51	H	211MGTY
KE Ac 26	KE-81-0240	Fair Promise Farm	Shore	09-27-1984	85	120	120	H	211MGTY
KE Ac 27	KE-66-0009	Fair Promise Farm	W F Stewart	07-27-1965	70	99	99	Z	211MGTY
KE Ac 28	KE-73-0661	Stewart, Burnice	Shore	12-23-1977	40	94	94	H	211MGTY
KE Ac 29	KE-81-0195	Wilson, Larry	Kelley Drlg	02-09-1984	50	100	100	H	211MGTY
KE Ac 30	KE-81-0595	Burka, Alfred	American	10-06-1986	55	100	90	I	112CLMB
KE Ac 31	KE-73-1099	Roberts, Birdie	Kelley Drlg	05-13-1981	55	80	75	H	112CLMB
KE Ac 32	KE-81-0445	Gaines, Helen	Delmarva	01-17-1986	60	85	85	H	112CLMB
KE Ac 33	KE-81-0158	Stouts, Marjorie E	W F Stewart	12-06-1983	60	86	86	H	112CLMB
KE Ac 34	KE-73-1194	Cording, William Jr	Lifetime	04-30-1982	50	75	75	H	211MGTY
KE Ac 35	KE-73-0680	Johnson, Eldridge R	American	01-04-1978	60	95	79	I	211MGTY
KE Ac 36	KE-81-0050	Johnson, Eldridge R	W F Stewart	10-19-1981	80	152	152	I	217PTMC
KE Ac 37	KE-81-0065	Neal, W	Shore	11-10-1982	80	116	116	H	217PTMC
KE Ac 38	KE-81-0207	Echo Hill Outdoor Sch	Middletown	06-12-1984	40	55	55	T	217PTMC
KE Ac 39	KE-81-0208	Echo Hill Outdoor Sch	Middletown	06-14-1984	40	60	60	T	217PTMC
KE Ac 40	KE-81-0220	Rice, Peter	Middletown	06-13-1984	10	31	31	H	211MGTY
KE Ac 41	KE-73-1140	Goodall, Richard	Kelley Drlg	11-09-1981	80	115	115	H	112CLMB
KE Ac 42	KE-81-0874	Dorsey, Charles	Kelley Drlg	02-25-1988	80	100	100	H	112CLMB
KE Ac 43	KE-81-1014	Morris, Debbie	American	08-24-1988	55	85	75	H	112CLMB
KE Ac 44	KE-81-1197	Camp Tockwogh, YMCA	American	03-30-1989	85	110	100	P	217PTMC
KE Ac 45	KE-81-1015	Camp Tockwogh, YMCA	American	08-01-1988	80	114	106	H	112CLMB
KE Ac 46	KE-81-1465	Stoltzfus, Samuel	American	06-12-1990	90	130	125	I	211MGTY
KE Ac 47	--	Andelot Farms	--	--	20	--	--	H	--
KE Ac 48	KE-81-0341	Camp Tockwogh, YMCA	Delmarva	10-11-1985	80	105	94	P	217PTMC
KE Ad 1	KE-00-0012	Smith, Alpheus	Ennis Bros	07-26-1945	75	76	76	U	112CLMB
KE Ad 2	KE-00-0018	Murray, A	Ennis Bros	08-18-1945	75	116	116	U	211MGTY
KE Ad 3	KE-00-0019	Brice, Charles H	Ennis Bros	08-01-1945	55	84	84	U	112CLMB
KE Ad 4	KE-00-0020	Rose, James Jr	Ennis Bros	08-27-1945	85	77	77	H	112CLMB
KE Ad 5	KE-00-0770	Evergreen Knolls	Ennis Bros	04-24-1947	20	72	72	U	211MGTY
KE Ad 6	KE-00-0814	Krebs, Mrs Richard J	Ennis Bros	09-09-1947	20	91	91	U	211MGTY
KE Ad 7	KE-00-1762	Fairfield Farms	Ennis Bros	09-04-1947	80	169	169	H	211MGTY
KE Ad 8	KE-00-1960	Betterton, Town of	Ennis Bros	12-00-1947	20	79	79	U	211MGTY
KE Ad 9	KE-00-2176	Brice, Mrs Walter S	Ennis Bros	12-00-1947	55	95	95	U	211MGTY
KE Ad 10	KE-00-2195	Ansley, Edna B	Ennis Bros	02-00-1948	60	93	93	U	211MGTY
KE Ad 11	KE-00-2203	Hotel Betterton	Ennis Bros	02-00-1948	30	77	77	U	211MGTY
KE Ad 12	KE-00-2364	Clark, Charles	Ennis Bros	03-23-1948	75	127	127	U	211MGTY
KE Ad 13	KE-00-2587	Minister, John F	Ennis Bros	07-00-1948	40	87	87	U	211MGTY
KE Ad 14	KE-00-2860	Betterton Fire Co	Ennis Bros	07-00-1948	76	85	85	U	211MGTY
KE Ad 15	KE-00-3680	Worrall, Rose	Ennis Bros	03-07-1949	65	78	76.7	U	112CLMB
KE Ad 16	KE-00-3934	Long, Paul W	Ennis Bros	05-19-1949	60	100.2	98.2	U	211MGTY
KE Ad 17	KE-00-4123	Cosden, Earl H	Ennis Bros	06-17-1949	55	120	120	U	211MGTY
KE Ad 18	KE-00-4330	Payne, M Paul	Middletown	07-27-1949	80	127	127	H	217PTMC
KE Ad 19	KE-01-3807	Birk, John	Ennis Bros	11-13-1953	45	84.2	81.9	U	211MGTY
KE Ad 21	KE-00-5975	Smith, Floyd	Middletown	10-05-1950	40	195	195	U	217PTMC
KE Ad 22	--	Dempsey, W J	--	06-00-1951	76	52	52	H	112CLMB
KE Ad 23	--	Price, N	--	--	60	56	56	H	112CLMB
KE Ad 24	--	Harris, Margaret	--	--	80	70.5	70.5	U	112CLMB
KE Ad 25	--	Diehl, C	--	--	70	52	52	U	112CLMB
KE Ad 26	--	Royal Swan Farm	--	00-00-1751	78	65	65	U	112CLMB
KE Ad 27	--	Glenn, M	--	--	80	60	60	H	112CLMB
KE Ad 28	--	Johnston, W	--	--	70	46.5	46.5	U	112CLMB
KE Ad 29	--	Webb, M	--	--	75	30.6	30.6	U	112CLMB

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
127	137	--	92	02-27-1948	50	33	1.52	16	02-27-1948	Q	KE Ac 1
--	--	--	--	--	--	--	--	--	--	--	KE Ac 2
103	109	4.5	83	09-10-1950	30	16	1.88	20	09-10-1950	--	KE Ac 3
132	140.5	3	80	06-18-1949	25	37	0.68	10	06-18-1949	--	KE Ac 4
--	--	--	87	00-00-1946	30	8	3.75	28.5	00-00-1946	C	KE Ac 5
83.1	88.1	--	44	05-02-1949	15	26	0.58	--	05-02-1949	--	KE Ac 6
80.4	85.4	--	84	06-00-1950	21	--	--	16	06-01-1950	--	KE Ac 7
--	--	--	100	04-11-1951	--	--	--	--	--	--	KE Ac 8
--	--	--	--	--	--	--	--	--	--	--	KE Ac 9
--	--	--	--	--	--	--	--	--	--	--	KE Ac 10
96.1	101.6	--	87.3	08-14-1950	40	16.7	2.40	4	08-14-1950	--	KE Ac 11
--	--	--	57.9	09-24-1951	--	--	--	--	--	--	KE Ac 12
--	--	--	75	09-24-1951	--	--	--	--	--	--	KE Ac 14
--	--	--	72.67	09-24-1951	--	--	--	--	--	--	KE Ac 15
59	63	3	28	03-12-1952	7	27	0.26	10	03-12-1952	--	KE Ac 16
77.8	86	--	53.8	03-07-1952	30	19.2	1.56	16	03-07-1952	--	KE Ac 17
82	104	6	78	04-15-1958	50	15	3.33	4	04-15-1958	--	KE Ac 18
96	112	4	87	08-28-1966	55	18	3.06	10	08-28-1966	--	KE Ac 19
550	560	4	2.06	12-16-1977	20	91.7	0.22	4	12-02-1977	C,L,O,Q	KE Ac 20
145	165	2	73	11-09-1977	30	47	0.64	6	11-09-1977	--	KE Ac 21
137	157	2	71.96	08-09-1989	20	53	0.38	6	08-16-1979	O	KE Ac 22
192	212	2	62.15	08-09-1989	25	55	0.45	6	08-17-1979	--	KE Ac 23
235	245	--	65	10-13-1954	40	--	--	16	10-13-1954	--	KE Ac 24
43	51	3	30	06-12-1984	15	10	1.50	2	06-12-1984	--	KE Ac 25
115	120	3	76.27	08-09-1989	15	25	0.60	6	09-27-1984	O	KE Ac 26
92	99	2.5	64	07-27-1965	40	31	1.29	8	07-27-1965	--	KE Ac 27
89	94	3	47	12-23-1977	30	25	1.20	6	12-23-1977	--	KE Ac 28
92	100	4	42.9	08-09-1989	15	45	0.33	3	02-09-1984	--	KE Ac 29
60	90	4	43.4	08-09-1989	75	10	7.50	2	10-06-1986	--	KE Ac 30
65	75	4	48.98	08-09-1989	5	25	0.20	4	05-13-1981	--	KE Ac 31
68	78	4	52	01-17-1986	15	16	0.94	2	01-17-1986	--	KE Ac 32
79	86	3	46	12-06-1983	40	38	1.05	4	12-06-1983	--	KE Ac 33
60	75	4	52	04-30-1982	8	8	1.00	5	04-30-1982	--	KE Ac 34
69	79	4	57.05	08-10-1989	25	8	3.13	18	01-04-1978	--	KE Ac 35
137	152	3	73.4	08-10-1989	250	80	3.13	16	10-19-1981	O	KE Ac 36
111	116	3	84	11-10-1982	12	10	1.20	8	11-10-1982	--	KE Ac 37
47	55	3	38	06-12-1984	10	7	1.43	2	06-12-1984	--	KE Ac 38
52	60	3	33	06-14-1984	15	17	0.88	2	06-14-1984	--	KE Ac 39
27	31	3	3	06-13-1984	40	22	1.82	2	06-13-1984	--	KE Ac 40
110	115	3	82	11-09-1981	10	13	0.77	6	11-09-1981	--	KE Ac 41
90	100	4	40	02-25-1988	10	30	0.33	3	02-25-1988	--	KE Ac 42
65	75	4	40	08-24-1988	25	10	2.50	2	08-24-1988	--	KE Ac 43
90	100	4	80	03-30-1989	7	10	0.70	2	03-30-1989	--	KE Ac 44
96	106	4	80	08-01-1988	0.25	20	0.01	4	08-01-1988	--	KE Ac 45
115	125	4	20	06-12-1990	10	55	0.18	2	06-12-1990	--	KE Ac 46
--	--	--	--	--	--	--	--	--	--	--	KE Ac 47
84	94	4	67	10-11-1985	25	15	1.67	5	10-11-1985	--	KE Ac 48
67	76	2.5	60	07-26-1945	3	9	0.33	24	07-26-1945	--	KE Ad 1
111	116	2.5	58	08-18-1945	8	17	0.47	24	08-18-1945	C	KE Ad 2
74	84	2.5	65	08-01-1945	10	5	2.00	24	08-01-1945	C	KE Ad 3
72	77	2.5	60	08-27-1945	20	--	--	24	08-27-1945	C	KE Ad 4
--	--	--	25	04-24-1947	50	25	2.00	53.5	04-24-1947	--	KE Ad 5
--	--	--	46	09-09-1947	30	24	1.25	--	09-09-1947	--	KE Ad 6
164	169	--	66	09-04-1947	42	24	1.75	8	09-04-1947	--	KE Ad 7
74	79	--	30	12-00-1947	50	30	1.67	24	12-00-1947	--	KE Ad 8
90	95	--	59	12-00-1947	70	11	6.36	16	12-00-1947	--	KE Ad 9
88	93	--	61	02-00-1948	50	19	2.63	16	02-00-1948	Q	KE Ad 10
72	77	--	24.5	02-00-1948	40	38.5	1.04	16	02-00-1948	--	KE Ad 11
122	127	--	67	03-23-1948	25	48	0.52	12	03-23-1948	--	KE Ad 12
82	87	--	50	07-00-1948	10	--	--	20	07-00-1948	--	KE Ad 13
80	85	--	45	07-00-1948	15	--	--	16	07-00-1948	--	KE Ad 14
71.7	76.7	--	54	03-07-1949	40	20	2.00	--	03-07-1949	--	KE Ad 15
93.2	98.2	--	63.15	05-19-1949	30	16.8	1.79	24	05-19-1949	--	KE Ad 16
115	120	--	74.3	06-17-1949	40	33.67	1.19	--	06-17-1949	--	KE Ad 17
119	127	3	69.25	07-27-1949	30	30.75	0.98	6	07-27-1949	--	KE Ad 18
76.9	81.9	--	43	11-13-1953	40	30	1.33	16	11-13-1953	--	KE Ad 19
187	195	2.5	40	10-05-1950	15	20	0.75	12	10-05-1950	--	KE Ad 21
--	--	--	47.5	09-24-1951	--	--	--	--	--	--	KE Ad 22
--	--	--	48	00-00-1951	--	--	--	--	--	--	KE Ad 23
--	--	--	62.1	09-00-1979	--	--	--	--	--	O	KE Ad 24
--	--	--	42	09-25-1951	--	--	--	--	--	--	KE Ad 25
--	--	--	61	09-25-1951	--	--	--	--	--	--	KE Ad 26
--	--	--	52	09-25-1951	--	--	--	--	--	--	KE Ad 27
--	--	--	44	09-25-1951	--	--	--	--	--	--	KE Ad 28
--	--	--	--	09-00-1979	--	--	--	--	--	--	KE Ad 29

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Ad 30	--	--	--	--	85	41	41	U	112CLMB
KE Ad 31	--	Webb, C	--	--	70	50	50	H	112CLMB
KE Ad 32	KE-01-3204	Werner, Russell A	Middletown	09-00-1953	70	105	105	U	211MGTY
KE Ad 33	KE-00-8530	Hitchner, R J	Ennis Bros	08-31-1951	55	102.2	99.9	U	211MGTY
KE Ad 34	KE-00-9304	Crew, Louise	Middletown	07-00-1950	70	116	116	U	211MGTY
KE Ad 35	KE-01-1716	Wilson, George	Ennis Bros	02-20-1953	60	85	85	H	112CLMB
KE Ad 36	KE-01-1989	Sutton	Middletown	05-29-1952	70	124	124	H	211MGTY
KE Ad 37	KE-01-4401	Story, John	Ennis Bros	03-05-1954	65	113	113	U	211MGTY
KE Ad 38	KE-01-2337	Phillips, Margaret M	Ennis Bros	05-15-1953	70	116	113	U	211MGTY
KE Ad 39	KE-65-0104	Gross, Winston	Shore	06-08-1965	65	113	113	U	211MGTY
KE Ad 40	KE-65-0107	Coleman Methodist Ch	W F Stewart	06-05-1965	80	87	87	H	112CLMB
KE Ad 41	KE-69-0069	Betterton, Town of	Delmarva	05-23-1969	82	139	139	U	211MGTY
KE Ad 42	KE-69-0070	Betterton, Town of	Delmarva	05-23-1969	55	338	--	U	--
KE Ad 43	KE-69-0069	Betterton, Town of	Delmarva	08-25-1969	82	160	160	P	211MGTY
KE Ad 44	KE-69-0070	Betterton, Town of	Delmarva	08-06-1969	55	120	105	P	211MGTY
KE Ad 45	KE-66-0145	Fair Promise Farm	W F Stewart	03-20-1967	85	113	113	H	211MGTY
KE Ad 46	KE-73-0332	Fair Promise Farm	Shore	06-06-1975	85	91	91	I	112CLMB
KE Ad 47	KE-73-0114	Leonard, F D	Kelley Drlg	07-12-1973	65	120	117	H	211MGTY
KE Ad 48	KE-73-0106	Wilson, John E	Shore	07-02-1973	84	97	97	H	112CLMB
KE Ad 49	KE-81-0019	Jones, William	Kelley Drlg	07-12-1982	85	93	93	H	211MGTY
KE Ad 50	KE-68-0079	United Methodist Ch	W F Stewart	05-17-1968	80	92	92	U	112CLMB
KE Ad 51	KE-81-0850	Jones, Edward	Kelley Drlg	03-08-1988	70	90	90	H	211MGTY
KE Ad 52	KE-81-0013	Tinch, Sylvester	Kelley Drlg	06-28-1982	80	90	87	H	112CLMB
KE Ad 53	KE-05-3883	Simmons, Thomas	W F Stewart	09-25-1963	82	97	97	H	112CLMB
KE Ad 54	KE-66-0129	Stillpond Inn	W F Stewart	05-16-1966	75	101	101	H	112CLMB
KE Ad 55	KE-73-1052	DiMaggio, Denise O	Delmarva	10-17-1980	50	61	58	H	112CLMB
KE Ad 56	KE-81-0883	Leverage, William E	W F Stewart	02-16-1989	25	118	118	H	211MGTY
KE Ad 57	KE-73-0883	Harris, Margaret C	Shore	09-12-1979	80	173	173	H	211MGTY
KE Ad 58	KE-73-0882	Greytak, David B	Shore	09-05-1979	40	128	128	H	211MGTY
KE Ad 59	KE-81-0926	Jones, Doug	American	12-21-1988	85	123	120	H	112CLMB
KE Ad 60	KE-81-0330	Cruz, Greg	Collier Well	05-01-1985	80	140	140	H	211MGTY
KE Ad 61	KE-73-0775	Stewart, Gary	Kelley Drlg	09-21-1978	70	77	74	H	112CLMB
KE Ad 62	KE-73-0488	Royal Swan Farm	Kelley Drlg	12-06-1976	70	220	220	H	217PTMC
KE Ad 63	KE-02-5714	Cameron, James R	W F Stewart	04-15-1957	70	204	192	H	217PTMC
KE Ad 64	KE-73-1036	Appalachian Goose Sanc	Shore	10-13-1980	90	192	192	H	211MGTY
KE Ad 65	KE-81-0292	Jones, Webster	Delmarva	01-25-1985	70	130	115	H	211MTWN
KE Ad 66	KE-81-0087	Moore, Allen E	Shore	03-16-1983	65	88	88	H	112CLMB
KE Ad 67	KE-73-0872	Meyers, Elizabeth	Kelley Drlg	05-21-1979	55	70	57	H	112CLMB
KE Ad 68	KE-73-0904	Meyers, Elizabeth	Kelley Drlg	08-03-1979	55	62	60	U	112CLMB
KE Ad 69	KE-81-0650	Curlett, Virginia	American	12-19-1986	50	115	114	H	211MGTY
KE Ad 70	KE-71-0074	Allen, Lloyd	Kelley Drlg	04-16-1971	75	200	195	H	217PTMC
KE Ad 71	KE-73-0525	Allen, Lloyd	Kelley Drlg	11-24-1976	70	220	220	H	211MGTY
KE Ad 72	KE-73-0517	Miller, Kay	Lifetime	12-23-1976	30	203	203	H	217PTMC
KE Ad 73	KE-67-0085	Miller, Ralph E	M A Pentz	10-22-1966	85	168	168	H	211MTWN
KE Ad 74	KE-04-5843	Brice, Talbot	W F Stewart	01-15-1962	70	70	70	U	211MNMT
KE Ad 75	--	Szymanski, Joanne	American	00-00-1989	65	130	130	U	211MGTY
KE Ad 76	KE-81-1150	Szymanski, Joanne	American	03-28-1989	70	130	125	H	211MGTY
KE Ad 77	KE-81-1266	Penn, Larry	Collier Well	08-02-1989	45	117	117	H	211MGTY
KE Ad 78	KE-81-1307	United Methodist Ch	Kelley Drlg	07-19-1989	80	98	95	H	112CLMB
KE Ad 79	KE-88-0264	Prayer Bd of Faith Ch	American	08-06-1991	80	120	110	H	211MTWN
KE Ad 80	KE-81-0410	Allen, Lloyd	Delmarva	10-17-1985	75	260	245	I	217PTMC
KE Ae 1	--	McCann, Charles F	--	00-00-1928	65	67	67	H	112CLMB
KE Ae 2	KE-00-3409	Koedding, Henry F J	Ennis Bros	12-06-1949	40	94	94	H	211MNMT
KE Ae 3	KE-00-4079	Sheetz, John W	Middletown	08-02-1949	15	96	96	H	211MTWN
KE Ae 4	KE-00-4257	Bundrick, Arthur	Middletown	08-25-1949	65	189	189	H	211MGTY
KE Ae 5	KE-00-6476	Ives, George C	Ennis Bros	11-08-1950	12	198.4	195	H	217PTMC
KE Ae 6	--	Miller, C	--	--	80	79	79	U	112CLMB
KE Ae 7	--	Pond Farm	--	--	65	73.3	73.3	H	112CLMB
KE Ae 8	--	Krute, A	--	--	85	52.6	52.6	H	112CLMB
KE Ae 9	--	Miller, W	--	--	70	30	30	H	112CLMB
KE Ae 10	--	Quinn, Dan Jr	--	--	65	56.9	56.9	U	112CLMB
KE Ae 11	--	Lague, J	Jackson	00-00-1947	20	24	24	H	112CLMB
KE Ae 12	--	Ford, M S	--	--	60	66	66	H	112CLMB
KE Ae 13	--	Westcott, S W	--	00-00-1945	65	120	120	H	211MNMT
KE Ae 14	--	McDaniels, H Sally	--	--	10	14.85	14.85	H	112CLMB
KE Ae 15	--	Myers, P	--	--	25	30	30	U	112CLMB
KE Ae 16	--	Ford, H S	M A Pentz	00-00-1939	72	130	130	H	211MNMT
KE Ae 17	--	Ford, H S	--	--	70	60.2	60.2	U	112CLMB
KE Ae 18	KE-00-9246	Ernest, Mrs H M	Middletown	06-00-1950	55	82	82	H	211MNMT
KE Ae 19	KE-00-9269	Ludington, H	Middletown	05-00-1951	30	89	89	H	211MNMT
KE Ae 20	KE-00-9301	Kulp, M S	Middletown	11-00-1950	80	116	116	C	211MNMT
KE Ae 21	KE-00-9302	Brown, Charles	Middletown	09-00-1950	65	105	105	H	211MTWN
KE Ae 22	KE-00-9305	Cunningham, H B	Middletown	10-00-1950	20	79	79	H	211MNMT
KE Ae 23	KE-00-9306	Felter, George L	Middletown	09-00-1950	20	79	79	H	211MNMT
KE Ae 24	KE-01-1372	Howell, E N	Middletown	02-25-1953	10	174	174	H	211MGTY

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
--	--	--	33.3	09-25-1951	--	--	--	--	--	--	KE Ad 30
--	--	--	45.4	09-25-1951	--	--	--	--	--	--	KE Ad 31
97	105	3	52	09-00-1953	20	32	0.63	20	09-00-1953	--	KE Ad 32
94.9	99.9	--	56.5	08-31-1951	40	23.5	1.70	27.5	08-31-1951	--	KE Ad 33
112	116	3	66	07-00-1950	15	29	0.52	10	07-00-1950	--	KE Ad 34
80	85	--	56	02-20-1953	20	24	0.83	16	02-20-1953	--	KE Ad 35
116	124	3	62	05-29-1952	25	38	0.66	30	05-29-1952	--	KE Ad 36
108	113	--	53.75	03-05-1954	30	26.25	1.14	16	03-05-1954	--	KE Ad 37
108	113	--	63	05-15-1953	20	41	0.49	16	05-15-1953	C	KE Ad 38
108	113	3	57	06-08-1965	25	53	0.47	14	06-08-1965	--	KE Ad 39
81	87	2	70	06-05-1965	20	17	1.18	8	06-05-1965	--	KE Ad 40
118	138	8	--	--	--	--	--	--	--	L,Q	KE Ad 41
--	--	--	--	--	--	--	--	--	--	L,Q	KE Ad 42
115	140	--	--	--	75	--	--	24	09-10-1969	Q	KE Ad 43
85	105	8	44	08-06-1969	134	31	4.32	24	08-06-1969	--	KE Ad 44
106	113	2	68	03-20-1967	25	45	0.56	3	03-20-1967	--	KE Ad 45
86	91	2.5	60	06-06-1975	20	20	1.00	8	06-06-1975	--	KE Ad 46
110	117	4	56	07-12-1973	30	44	0.68	3	07-12-1973	--	KE Ad 47
92	97	3	65.38	08-09-1989	25	10	2.50	8	07-03-1973	--	KE Ad 48
83	93	4	53	07-12-1982	8	22	0.36	3	07-12-1982	--	KE Ad 49
86	92	2	68	05-17-1968	20	24	0.83	6	05-17-1968	--	KE Ad 50
80	90	4	25	03-08-1988	10	35	0.29	3	03-08-1988	--	KE Ad 51
78	87	4	53	06-28-1982	12	22	0.55	3	06-28-1982	--	KE Ad 52
84	97	2	60	09-25-1963	20	15	1.33	2	09-25-1963	--	KE Ad 53
90	101	2	62	05-16-1966	40	38	1.05	4	05-16-1966	--	KE Ad 54
48	58	4	23	10-17-1980	5	15	0.33	1.5	10-17-1980	--	KE Ad 55
108	118	2.5	34	02-16-1989	150	81	1.85	8	02-16-1989	--	KE Ad 56
168	173	3	70	09-12-1979	20	75	0.27	12	09-12-1979	--	KE Ad 57
123	128	3	36	09-05-1979	25	48	0.52	6	09-05-1979	--	KE Ad 58
110	120	4	69.13	08-09-1989	50	37	1.35	2	12-21-1988	O	KE Ad 59
120	140	2	42	05-01-1985	40	28	1.43	7	05-01-1985	--	KE Ad 60
67	74	4	49.04	06-12-1990	5	20	0.25	3	09-21-1978	O	KE Ad 61
200	220	2	72	12-06-1976	20	28	0.71	9	12-06-1976	--	KE Ad 62
180	192	2	74	04-15-1957	100	20	5.00	16	04-15-1957	--	KE Ad 63
187	192	3	69	10-13-1980	25	36	0.69	24	10-13-1980	--	KE Ad 64
100	115	4	34.5	01-25-1985	7	41.5	0.17	5	01-25-1985	--	KE Ad 65
83	88	3	47	03-16-1983	25	10	2.50	6	03-16-1983	--	KE Ad 66
50	57	4	25	05-21-1979	8	20	0.40	3	05-21-1979	--	KE Ad 67
54	60	4	30	08-03-1979	12	25	0.48	3	08-03-1979	--	KE Ad 68
109	114	4	38.19	03-16-1990	50	25	2.00	7	12-19-1986	O	KE Ad 69
184	195	4	71.28	06-19-1990	35	102	0.34	3	04-16-1971	O	KE Ad 70
200	220	2	65	11-24-1976	20	35	0.57	4	11-24-1976	--	KE Ad 71
183	203	2	28	12-23-1976	40	36	1.11	12	12-23-1976	--	KE Ad 72
107	168	4	37	10-22-1966	35	34	1.03	3	10-22-1966	--	KE Ad 73
63	70	2	38	01-15-1962	15	30	0.50	8	01-15-1962	--	KE Ad 74
--	--	--	42.02	03-16-1990	--	--	--	--	--	L,O	KE Ad 75
115	125	4	50	03-28-1989	50	20	2.50	3.5	03-28-1989	--	KE Ad 76
107	117	2	23.34	03-16-1990	30	25	1.20	6	08-02-1989	--	KE Ad 77
85	95	4	66.16	08-09-1989	6	15	0.40	3	07-19-1989	--	KE Ad 78
100	110	4	30	08-06-1991	15	50	0.30	2	08-06-1991	--	KE Ad 79
185	245	4	66	10-17-1985	75	84	0.89	8	10-17-1985	--	KE Ad 80
--	--	--	--	--	--	--	--	--	--	--	KE Ae 1
--	--	--	26	12-06-1949	20	34	0.59	--	12-06-1949	C,X	KE Ae 2
88	96	3	30	08-02-1949	15	30	0.50	8	08-02-1949	--	KE Ae 3
--	--	--	45	08-25-1949	15	35	0.43	8	08-25-1949	--	KE Ae 4
190	195	--	33.6	11-08-1950	30	66.4	0.45	24	11-08-1950	--	KE Ae 5
--	--	--	74.32	09-25-1951	--	--	--	--	--	--	KE Ae 6
--	--	--	67.75	09-25-1951	--	--	--	--	--	--	KE Ae 7
--	--	--	47.41	09-25-1951	--	--	--	--	--	--	KE Ae 8
--	--	--	--	--	--	--	--	--	--	--	KE Ae 9
--	--	--	51.94	09-25-1951	--	--	--	--	--	--	KE Ae 10
--	--	--	20	09-25-1951	--	--	--	--	--	--	KE Ae 11
--	--	--	61	09-25-1951	--	--	--	--	--	--	KE Ae 12
--	--	--	--	--	--	--	--	--	--	--	KE Ae 13
--	--	--	11.46	09-27-1951	--	--	--	--	--	O	KE Ae 14
--	--	--	25.2	09-27-1951	--	--	--	--	--	--	KE Ae 15
--	--	--	60	09-27-1951	--	--	--	--	--	--	KE Ae 16
--	--	--	55.36	09-27-1951	--	--	--	--	--	--	KE Ae 17
74	82	3	47	06-00-1950	10	23	0.43	5	06-00-1950	--	KE Ae 18
81	89	3	25	05-00-1951	20	35	0.57	6	05-00-1951	X	KE Ae 19
94	116	--	54	11-00-1950	10	16	0.63	6	11-00-1950	--	KE Ae 20
--	--	--	51	09-00-1950	6	24	0.25	10	09-00-1950	--	KE Ae 21
71	79	3	23	10-00-1950	25	37	0.68	5	10-00-1950	X	KE Ae 22
71	79	3	23	09-00-1950	30	37	0.81	5	09-00-1950	X	KE Ae 23
166	174	3	4	02-25-1953	8	17	0.47	16	02-25-1953	--	KE Ae 24

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Ae 25	KE-01-0059	Karpel	M A Pentz	05-24-1952	70	170	170	H	211MTWN
KE Ae 26	KE-01-1031	Wood, Penman	Ennis Bros	09-24-1952	25	50	49.3	H	211MNMT
KE Ae 27	KE-01-1374	Voss	Middletown	02-10-1953	40	195	195	H	217PTMC
KE Ae 28	--	U.S. Geological Survey	Hardin Assoc	01-20-1981	71	35	--	U	112CLMB
KE Ae 29	KE-81-0800	U.S. Geological Survey	White Drlg	09-22-1987	70	55	24.75	U	112CLMB
KE Ae 30	KE-81-0789	Hopkins, George	Kelley Drlg	08-31-1987	75	145	145	I	211MTWN
KE Ae 31	KE-66-0052	Crew, Arthur H	Ennis Bros	10-22-1965	90	150	150	H	211MNMT
KE Ae 32	KE-73-0081	Covey, Ike	Shore	06-28-1973	85	150	150	H	211MNMT
KE Ae 33	KE-65-0105	Bloomfield Farms	M A Pentz	05-24-1965	75	213	213	U	211MGTY
KE Ae 34	KE-73-0142	Turner Creek Park	W F Stewart	10-10-1973	15	171	171	H	211MGTY
KE Ae 35	KE-81-0249	Ingram, David S	Kelley Drlg	09-12-1984	45	75	70	H	211MNMT
KE Ae 36	KE-81-0041	Shannon, Robert B	Shore	09-30-1982	35	210	210	H	217PTMC
KE Ae 37	KE-73-0427	Bush, Orville	Kelley Drlg	05-17-1976	70	182	108	H	211MNMT
KE Ae 38	KE-81-0150	Kempe, U W	Kelley Drlg	09-12-1983	20	73	68	H	211MNMT
KE Ae 39	KE-73-0853	Gregg, Jack	Shore	04-27-1979	40	191	191	H	211MGTY
KE Ae 40	KE-70-0067	Uzzell, Vernon	Kelley Drlg	07-07-1970	70	240	220	H	211MGTY
KE Ae 41	KE-81-0692	Myers, John	Delmarva	06-05-1987	70	165	160	H	211MTWN
KE Ae 42	KE-73-0628	Kutz, Allen	Shore	10-24-1977	70	240	240	H	211MGTY
KE Ae 43	KE-73-0654	Mitchell, Clayton	Shore	10-17-1977	75	257	257	H	211MGTY
KE Ae 44	KE-73-0620	Cameron, Ruth H	Kelley Drlg	11-18-1977	45	200	140	H	211MTWN
KE Ae 45	KE-81-0653	Nelson, Robert	Kelley Drlg	02-03-1987	10	76	76	H	211MNMT
KE Ae 46	KE-81-0102	Theorin, Carl	Kelley Drlg	04-26-1983	10	200	150	H	211MGTY
KE Ae 47	KE-81-0715	Altmaier, Robert	Kelley Drlg	06-01-1987	10	68	68	H	211MNMT
KE Ae 48	KE-73-0366	Waters, Stanley	Shore	08-15-1975	10	180	180	H	211MGTY
KE Ae 49	KE-81-0076	Wilmot, George L	Shore	12-27-1982	15	202	202	H	217PTMC
KE Ae 50	KE-73-0446	Kjellberg, Robert	Shore	07-07-1976	25	226	226	H	217PTMC
KE Ae 51	KE-04-1581	Crow, Helen	Middletown	03-11-1961	70	128	128	H	211MNMT
KE Ae 52	KE-81-1123	Richards, Linda	American	01-30-1989	65	145	145	H	211MNMT
KE Ae 53	KE-69-0093	Cummings	Shore	06-18-1969	70	71	71	H	125AQUI
KE Ae 54	KE-73-0267	Bryan, Robert L	Shore	11-25-1974	20	244	244	H	217PTMC
KE Ae 55	KE-81-0281	Bourne, Michael	Kelley Drlg	10-23-1985	25	82	80	H	211MNMT
KE Ae 56	KE-67-0046	Zahradka, George	C Trifillis	09-01-1966	60	155	155	H	211MNMT
KE Ae 57	KE-81-0107	English, James Jr	Delmarva	05-25-1983	5	225	220	H	217PTMC
KE Ae 58	KE-72-0077	Simpson, R J	Shore	06-05-1972	50	233	233	H	211MGTY
KE Ae 59	KE-04-1128	Gould, William	Middletown	12-16-1960	70	165	165	H	211MNMT
KE Ae 60	KE-81-0591	Price, Floyd	American	10-02-1986	65	80	78	I	125AQUI
KE Ae 61	KE-81-0585	Price, Floyd	American	09-12-1986	50	115	110	U	211MNMT
KE Ae 62	KE-71-0105	Unruh, Allen	Shore	06-12-1971	70	93	93	H	125AQUI
KE Ae 63	KE-81-1109	Hanks, Gerald	Collier Well	11-02-1988	15	180	180	H	211MGTY
KE Ae 64	KE-81-1011	Spych, Joseph	American	11-15-1988	65	110	110	H	211MNMT
KE Ae 65	KE-81-1257	Nielson, John	American	10-02-1989	65	165	160	H	211MTWN
KE Ae 66	KE-81-0637	Grenier, Ronald	American	01-20-1987	30	105	100	H	211MNMT
KE Ae 67	KE-81-0830	Jaggard, Thomas	American	09-29-1987	60	165	150	U	211MNMT
KE Ae 68	KE-04-7427	McDaniel	Middletown	07-25-1962	65	248	247	H	217PTMC
KE Ae 69	KE-81-0798	Jaggard, Thomas	American	10-00-1987	55	240	215	A	211MNMT
KE Af 1	KE-00-0168	Starkey Farms	Ennis Bros	06-12-1946	70	125	125	H	125AQUI
KE Af 2	KE-00-3957	Hinton, E M	Ennis Bros	05-10-1949	60	89.2	87.9	H	125AQUI
KE Af 3	--	Anderson, M	--	00-00-1930	20	28	28	H	112CLMB
KE Af 4	--	Starkey Farms	Ennis Bros	00-00-1938	60	300	300	H	211MGTY
KE Af 5	KE-00-9290	Starkey Farms	Middletown	08-00-1951	60	327	127	N	125AQUI
KE Af 6	--	Starkey Farms	Ennis Bros	00-00-1938	55	300	300	H	211MGTY
KE Af 7	--	Starkey Farms	Ennis Bros	00-00-1938	60	300	300	H	211MGTY
KE Af 8	--	Galena, Town of	M A Pentz	00-00-1942	70	156	151.7	P	125AQUI
KE Af 9	--	Peaker, Leanna S	--	00-00-1917	65	53	42.5	U	112CLMB
KE Af 10	KE-00-7609	Blakeslee, H W	Ennis Bros	04-02-1951	30	71.2	71.2	H	125AQUI
KE Af 11	--	Davis, J D	--	00-00-1916	70	60	60	U	112CLMB
KE Af 12	--	Beech, Sam	--	--	65	75	42.2	H	112CLMB
KE Af 13	--	Pippin, J	--	--	55	34.8	34.8	U	112CLMB
KE Af 14	--	Roberts, T L	--	--	60	75	46.7	U	112CLMB
KE Af 15	KE-00-9278	Bert	Middletown	08-00-1951	65	95	95	U	125AQUI
KE Af 16	KE-00-9263	Taylor, Andrew	Middletown	01-00-1951	70	105	105	U	125AQUI
KE Af 17	KE-00-9291	Starkey Farms	Middletown	08-00-1951	60	102	102	U	125AQUI
KE Af 18	KE-01-3205	Wood, J E	Middletown	08-24-1953	25	98	98	H	125AQUI
KE Af 19	KE-00-9776	Chance, J	Middletown	03-31-1952	60	77	77	H	125AQUI
KE Af 20	--	Huston, Stewart	Ennis Bros	08-07-1953	60	452	405	H	217PTMC
KE Af 21	KE-01-3599	Galena, Town of	M A Pentz	02-26-1954	70	150	150	P	125AQUI
KE Af 22	--	Starkey Farms	Delmarva	00-00-1966	60	140	--	U	211MNMT
KE Af 23	--	Starkey Farms	Delmarva	00-00-1966	65	300	--	U	211MGTY
KE Af 24	--	Starkey Farms	Delmarva	00-00-1966	65	160	--	U	125AQUI
KE Af 25	KE-66-0093	Starkey Farms	Delmarva	03-21-1966	65	122	122	U	125AQUI
KE Af 26	--	Starkey Farms	Delmarva	00-00-1966	50	200	--	U	211MNMT
KE Af 27	KE-66-0123	Starkey Farms	Delmarva	00-00-1966	65	200	--	U	211MNMT
KE Af 28	KE-65-0096	Day, H Winston	Shore	05-19-1965	10	385	--	H	217PTMC
KE Af 29	KE-70-0063	Galena, Town of	Shannahan Ar	08-03-1970	70	476	474	U	217PTMC
KE Af 30	KE-81-0915	Craddock, Joseph	American	08-25-1988	10	90	80	H	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
120	170	4	47	05-24-1952	40	13	3.08	2	05-24-1952	X	KE Ae 25
44.3	49.3	--	19.5	09-24-1952	30	22.5	1.33	16	09-24-1952	--	KE Ae 26
187	195	3	26	02-10-1953	15	14	1.07	10	02-10-1953	--	KE Ae 27
--	--	--	--	--	--	--	--	--	--	C,L	KE Ae 28
21.75	24.75	2	--	--	--	--	--	--	--	L	KE Ae 29
125	145	4	28	08-31-1987	30	92	0.33	3	08-31-1987	--	KE Ae 30
89	150	--	52	10-22-1965	--	30	--	16	10-22-1965	--	KE Ae 31
75	150	--	40.01	06-19-1990	20	22	0.91	12	06-28-1973	O	KE Ae 32
200	213	2	77	05-24-1965	10	43	0.23	3	05-24-1965	--	KE Ae 33
161	171	3	13.5	06-19-1990	150	160	0.94	10	10-10-1973	O	KE Ae 34
62	70	4	33.59	06-26-1990	5	27	0.19	3	09-12-1984	O	KE Ae 35
205	210	3	34	09-30-1982	30	46	0.65	6	09-30-1982	--	KE Ae 36
100	108	4	54	05-17-1976	6	36	0.17	4	05-17-1976	--	KE Ae 37
60	68	4	24	09-12-1983	12	26	0.46	3	09-12-1983	--	KE Ae 38
186	191	3	30	04-27-1979	17	54	0.31	8	04-27-1979	--	KE Ae 39
200	220	--	64	07-07-1970	50	136	0.37	2	07-07-1970	--	KE Ae 40
140	160	4	8	06-05-1987	8	56	0.14	3	06-05-1987	--	KE Ae 41
235	240	3	64	10-24-1977	20	41	0.49	8	10-24-1977	--	KE Ae 42
252	257	3	74	10-17-1977	15	31	0.48	10	10-17-1977	--	KE Ae 43
130	140	4	38.93	06-27-1990	6	70	0.09	5	11-18-1977	--	KE Ae 44
66	76	4	8	02-03-1987	10	52	0.19	3	02-03-1987	--	KE Ae 45
140	150	4	8	04-26-1983	8	42	0.19	6	04-26-1983	--	KE Ae 46
60	68	4	20	06-01-1987	4	40	0.10	3	06-01-1987	--	KE Ae 47
175	180	3	9.49	06-27-1990	30	32	0.94	10	08-15-1975	--	KE Ae 48
197	202	3	14	12-27-1982	40	46	0.87	8	12-27-1982	--	KE Ae 49
221	226	3	28.51	06-26-1990	30	36	0.83	16	07-07-1976	O	KE Ae 50
123	128	4	51.2	06-26-1990	15	50	0.30	8	03-11-1961	--	KE Ae 51
135	145	4	51	01-30-1989	30	44	0.68	4	01-30-1989	--	KE Ae 52
66	71	3	38	06-18-1969	15	22	0.68	8	06-18-1969	--	KE Ae 53
239	244	3	15	11-25-1974	20	48	0.42	16	11-25-1974	--	KE Ae 54
70	80	4	18	10-23-1985	10	42	0.24	3	10-23-1985	--	KE Ae 55
150	155	2	60	09-01-1966	15	20	0.75	1	09-01-1966	--	KE Ae 56
210	220	4	7	05-25-1983	20	18	1.11	5	05-25-1983	--	KE Ae 57
228	233	3	14	06-05-1972	30	48	0.63	12	06-05-1972	--	KE Ae 58
124	165	--	40	12-16-1960	20	40	0.50	4	12-16-1960	--	KE Ae 59
33	78	8	11	10-02-1986	60	15	4.00	5	10-02-1986	--	KE Ae 60
50	110	4	30	09-12-1986	40	13	3.08	3	09-12-1986	--	KE Ae 61
88	93	3	36	06-12-1971	20	37	0.54	8	06-12-1971	--	KE Ae 62
140	180	2	25	11-02-1988	30	15	2.00	5	11-02-1988	--	KE Ae 63
85	95	4	45	11-15-1988	15	40	0.38	2	11-15-1988	--	KE Ae 64
150	160	4	55	10-02-1989	20	55	0.36	2	10-02-1989	--	KE Ae 65
90	100	4	6.57	06-26-1990	20	2	10.00	2	01-20-1987	O	KE Ae 66
125	150	4	28	09-29-1987	12	72	0.17	10	09-29-1987	--	KE Ae 67
239	247	4	61	07-25-1962	50	29	1.72	4	07-25-1962	--	KE Ae 68
175	215	4	32	10-00-1987	2	73	0.03	1	10-00-1987	--	KE Ae 69
--	--	--	49	06-12-1946	65	11	5.91	25.5	06-12-1946	C	KE Af 1
82.9	87.9	--	62	05-10-1949	20	16	1.25	--	05-10-1949	--	KE Af 2
--	--	--	24.6	09-27-1951	--	--	--	--	--	--	KE Af 3
--	--	--	--	--	--	--	--	--	--	--	KE Af 4
119	127	--	53	08-00-1951	50	27	1.85	20	08-00-1951	--	KE Af 5
--	--	--	--	--	--	--	--	--	--	--	KE Af 6
--	--	--	--	--	--	--	--	--	--	--	KE Af 7
136.7	151.7	--	37.9	11-00-1948	85	24	3.54	4	11-00-1948	--	KE Af 8
--	--	--	39.36	09-28-1951	--	--	--	--	--	--	KE Af 9
64.7	71.2	4	51.5	04-02-1951	10	17.5	0.57	8	04-02-1951	X	KE Af 10
--	--	--	40	00-00-1916	--	--	--	--	--	--	KE Af 11
--	--	--	37.88	10-17-1951	--	--	--	--	--	O	KE Af 12
--	--	--	--	--	--	--	--	--	--	--	KE Af 13
--	--	--	44.41	10-16-1951	--	--	--	--	--	--	KE Af 14
87	95	3	60	08-00-1951	20	24	0.83	8	08-00-1951	--	KE Af 15
97	105	3	50	01-00-1951	7.5	40	0.19	15	01-00-1951	X	KE Af 16
94	102	3	42.5	08-00-1951	35	17.5	2.00	5	08-00-1951	Q	KE Af 17
90	98	3	59	08-24-1953	15	25	0.60	10	08-24-1953	X	KE Af 18
73	77	3	52	03-31-1952	12	18	0.67	10	03-31-1952	C	KE Af 19
395	405	--	50	08-07-1953	30	115	0.26	--	08-07-1953	Q,X	KE Af 20
140	150	8	34	02-26-1954	35	48	0.73	8	02-26-1954	--	KE Af 21
--	--	--	--	--	--	--	--	--	--	--	KE Af 22
--	--	--	--	--	--	--	--	--	--	--	KE Af 23
--	--	--	--	--	--	--	--	--	--	--	KE Af 24
50	122	17	29	03-21-1966	200	6	33.33	3	03-21-1966	--	KE Af 25
--	--	--	--	--	--	--	--	--	--	--	KE Af 26
--	--	--	--	--	--	--	--	--	--	--	KE Af 27
375	385	3	24	05-19-1965	30	101	0.30	16	05-19-1965	L	KE Af 28
454	474	2	63.47	09-16-1970	25	8	3.13	8	08-03-1970	L	KE Af 29
70	80	4	19	08-25-1988	30	36	0.83	2	08-25-1988	--	KE Af 30

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Af 31	KE-73-0866	Riif, Daniel	Kelley Drlg	05-24-1979	45	120	120	C	125AQUI
KE Af 32	KE-81-0951	Cotton, Richard	Kelley Drlg	12-06-1988	50	120	120	H	125AQUI
KE Af 33	KE-73-0692	Riley, Norman	Shore	05-10-1978	20	61	61	H	125AQUI
KE Af 34	KE-81-0674	Peet, Michael	Middletown	08-04-1987	45	80.5	80	H	125AQUI
KE Af 35	KE-81-0377	Gassner, Herman	Lifetime	08-05-1985	35	72	72	H	125AQUI
KE Af 36	KE-81-0173	Leyon, Peter	Shore	12-02-1983	30	66	66	H	125AQUI
KE Af 37	KE-81-0108	McConnell, Edward	Shore	06-07-1983	30	75	75	H	125AQUI
KE Af 38	KE-73-1051	Fish, Donald	Delmarva	12-12-1980	60	160	150	H	125AQUI
KE Af 39	KE-73-0269	Davis	M A Pentz	09-27-1974	65	150	150	H	125AQUI
KE Af 40	KE-81-0478	Brisco, Herb	Shore	05-06-1986	70	147	147	H	125AQUI
KE Af 41	KE-73-0772	Burton, Robert	Shore	09-07-1978	70	136	136	H	125AQUI
KE Af 42	KE-72-0035	Woodall, Samuel	Kelley Drlg	11-09-1971	65	75	75	H	125AQUI
KE Af 43	KE-73-0999	Rosehill Farm	Shore	06-16-1980	60	84	84	H	125AQUI
KE Af 44	KE-03-8037	Rosehill Farm	Ennis Bros	02-22-1960	70	85	85	U	125AQUI
KE Af 45	KE-73-0450	Newton, Carl	Shore	08-26-1976	10	55	55	H	125AQUI
KE Af 46	KE-73-0094	Lewis, William	Middletown	06-08-1973	60	96	96	H	125AQUI
KE Af 47	KE-81-0746	Amalifatino, Kathleen	American	09-30-1988	45	82	82	H	112CLMB
KE Af 48	KE-81-0690	Gregg Neck Boat Yard	Shore	04-10-1987	45	72	72	C	125AQUI
KE Af 49	KE-81-0423	Brooks, Jesse L Jr	Shore	12-12-1985	65	89	89	H	125AQUI
KE Af 50	KE-81-0153	Kelley, John	Middletown	09-16-1983	35	53	53	H	125AQUI
KE Af 51	KE-81-0676	Ellis, Charles S Jr	Shore	05-27-1987	25	55	55	H	125AQUI
KE Af 52	KE-73-0768	Mills, Harry	Shore	08-04-1978	40	58	58	H	125AQUI
KE Af 53	KE-81-0415	Henry, James W	Delmarva	12-17-1985	65	136	115	H	125AQUI
KE Af 54	KE-81-0180	Butler, Charles	Kelley Drlg	12-08-1987	65	90	90	H	125AQUI
KE Af 55	KE-72-0100	Galena, Town of	Kelley Drlg	06-21-1972	70	500	477	P	217PTMC
KE Af 56	KE-81-0544	Long, Henry K	American	09-26-1986	70	125	119	H	125AQUI
KE Af 57	KE-81-0110	Kent Oil Co	Shore	05-25-1983	45	107	107	C	125AQUI
KE Af 58	KE-81-0414	Beiler, John	Kelley Drlg	04-07-1986	60	190	190	H	125AQUI
KE Af 59	KE-02-2139	Woodall, Mrs Justine	Ennis Bros	02-29-1956	65	97	97	U	125AQUI
KE Af 60	KE-68-0082	Woodall, Mrs Justine	Shannahan Ar	06-10-1968	65	487.7	487	H	217PTMC
KE Af 61	KE-00-9092	Brown, Russell	Middletown	03-21-1952	20	57	57	H	125AQUI
KE Af 62	KE-81-0501	Georgetown Yacht Basin	Delmarva	04-30-1986	35	510	457	C	217PTMC
KE Af 63	KE-81-0807	Rosan, Richard	Lifetime	10-08-1987	30	320	320	H	211MGTY
KE Af 64	KE-73-0587	Combs, William H	Shore	06-16-1977	10	286	286	H	211MGTY
KE Af 65	KE-69-0077	Sassafras Boat Co	Middletown	05-29-1969	5	35	35	C	112CLMB
KE Af 66	KE-69-0078	Sassafras Boat Co	Middletown	05-29-1969	5	35	35	C	112CLMB
KE Af 67	KE-69-0079	Sassafras Boat Co	Middletown	06-02-1969	5	35	35	C	112CLMB
KE Af 68	KE-69-0080	Sassafras Boat Co	Middletown	06-02-1969	5	35	35	C	112CLMB
KE Af 69	KE-04-2865	Pennington, George	Ennis Bros	05-14-1961	60	100	100	H	125AQUI
KE Af 70	KE-81-0359	Pennington, George	Shore	08-28-1985	60	102	102	H	125AQUI
KE Af 71	KE-81-1141	Burton, Helen	Shore	03-31-1989	10	287	287	H	211MGTY
KE Af 72	KE-81-1316	Robinson, Percy	Lifetime	08-01-1989	65	158	158	U	125AQUI
KE Af 73	KE-81-1061	Buckworth, Ralph	American	12-02-1988	50	95	90	H	125AQUI
KE Af 74	KE-81-1008	Oatley, Richard	Kelley Drlg	09-27-1988	40	150	150	H	211MNMT
KE Af 75	KE-81-0998	Santangelo, Dan	Shore	12-15-1988	45	100	100	C	125AQUI
KE Af 76	KE-81-1035	Horn, Arthur	Shore	11-22-1988	50	91	91	H	125AQUI
KE Af 77	KE-81-1020	Tri Gas & Oil Co	Kelley Drlg	11-07-1988	25	100	100	C	125AQUI
KE Af 78	KE-66-0096	Kohl, LeVerne	Delmarva	03-25-1966	10	70	63	H	125AQUI
KE Af 79	KE-88-0096	Starkweather, Carlton	American	11-17-1990	25	430	300	H	211MGTY
KE Ag 1	--	Blackiston, Pearl	--	--	45	39.7	39.7	U	112CLMB
KE Ag 2	--	--	--	--	50	38.95	38.95	H	112CLMB
KE Ag 3	--	Giorge, Edwin C	--	--	50	32.3	32.3	U	112CLMB
KE Ag 4	--	Davis, Olin Jr	--	--	60	34	34	U	112CLMB
KE Ag 5	--	Davis, Olin Jr	--	--	60	56	56	U	125AQUI
KE Ag 6	--	Blansfield, Mrs Paul T	--	--	65	17.35	17.35	I	112CLMB
KE Ag 7	--	Davis, A	--	00-00-1949	75	25	25	H	112CLMB
KE Ag 8	--	Garner	--	--	65	14.75	14.75	U	112CLMB
KE Ag 9	--	Alexander, James	--	00-00-1906	65	43	43	U	112CLMB
KE Ag 10	--	Sproates, W	--	--	65	24.3	24.3	H	112CLMB
KE Ag 11	--	Lague, J	--	--	50	37.18	37.18	H	112CLMB
KE Ag 12	--	Johnson, Bradford	--	00-00-1790	60	38	38	H	112CLMB
KE Ag 13	--	Dixon	--	--	60	38	38	H	112CLMB
KE Ag 14	KE-81-0948	U.S. Geological Survey	USGS	06-23-1988	75	35	14	U	112CLMB
KE Ag 15	KE-81-0947	U.S. Geological Survey	USGS	06-23-1988	70	18	13	U	112CLMB
KE Ag 16	KE-69-0051	John Wesley U Meth Ch	Shore	12-04-1968	40	88	88	U	125AQUI
KE Ag 17	KE-81-0213	John Wesley U Meth Ch	Kelley Drlg	04-24-1984	45	90	88	H	125AQUI
KE Ag 18	KE-73-0970	Reid, Eddie	Kelley Drlg	02-18-1980	30	70	70	H	125AQUI
KE Ag 19	KE-81-0260	Brown, DeLois	Walter Frank	12-08-1984	20	70	70	H	125AQUI
KE Ag 20	KE-81-0252	Queen, George	R J Seward	08-07-1984	35	80	70	H	125AQUI
KE Ag 21	KE-81-0767	Davis, Olin S	Lifetime	08-12-1987	50	100	100	I	125AQUI
KE Ag 22	KE-81-0358	Davis, Olin S	Shore	08-30-1985	55	110	110	H	125AQUI
KE Ag 23	KE-81-0968	Shields, William	Middletown	06-20-1988	65	181	181	H	125AQUI
KE Ag 24	--	Corrin, Kenneth	--	--	60	34	34	U	112CLMB
KE Ag 25	--	Corrin, Kenneth	--	--	55	31	31	I	112CLMB
KE Ag 26	KE-81-0535	Blansfield, Mrs Paul T	R J Seward	07-15-1986	65	58	58	H	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
115	120	4	38	05-24-1979	8	52	0.15	3	05-24-1979	--	KE Af 31
--	--	--	25	12-06-1988	12	45	0.27	3	12-06-1988	--	KE Af 32
56	61	3	22	05-10-1978	20	28	0.71	5	05-10-1978	--	KE Af 33
72	80	3	33	08-04-1987	25	32	0.78	2	08-04-1987	--	KE Af 34
57	72	4	14.13	10-10-1989	10	10	1.00	5	08-05-1985	--	KE Af 35
61	66	3	27	12-02-1983	20	15	1.33	6	12-02-1983	--	KE Af 36
70	75	3	40.52	10-10-1989	13	22	0.59	6	06-07-1983	--	KE Af 37
130	150	4	19.69	10-10-1989	30	44	0.68	2	12-12-1980	--	KE Af 38
--	--	--	24.65	10-10-1989	40	24	1.67	2.5	09-27-1974	--	KE Af 39
142	147	3	44	05-06-1986	20	19	1.05	6	05-06-1986	--	KE Af 40
131	136	3	37.14	10-11-1989	10	25	0.40	6	09-07-1978	--	KE Af 41
68	75	4	30.31	10-26-1989	20	45	0.44	2	11-09-1971	--	KE Af 42
79	84	6	46.93	10-11-1989	15	15	1.00	8	06-16-1980	--	KE Af 43
79	85	--	57	02-22-1960	20	27	0.74	16	02-22-1960	--	KE Af 44
50	55	3	22.01	10-11-1989	10	10	1.00	8	08-26-1976	--	KE Af 45
88	96	3	53	06-08-1973	20	32	0.63	2	06-08-1973	--	KE Af 46
65	75	--	37	09-30-1988	20	13	1.54	2	09-30-1988	--	KE Af 47
67	72	3	41.95	10-11-1989	20	18	1.11	6	04-10-1987	O	KE Af 48
84	89	3	46	12-12-1985	15	29	0.52	6	12-12-1985	--	KE Af 49
--	--	--	22	09-16-1983	20	23	0.87	2	09-16-1983	--	KE Af 50
50	55	3	18.59	10-11-1989	8	20	0.40	6	05-27-1987	O	KE Af 51
53	58	3	32	08-04-1978	15	10	1.50	8	08-04-1978	--	KE Af 52
95	115	4	57	10-11-1989	25	25	1.00	2	12-17-1985	--	KE Af 53
80	90	4	45	12-08-1987	8	25	0.32	3	12-08-1987	--	KE Af 54
447	477	6	65	06-21-1972	250	61.5	4.07	24	06-21-1972	--	KE Af 55
104	119	4	26.53	11-09-1989	30	30	1.00	3	09-26-1986	O	KE Af 56
102	107	3	15.36	11-09-1989	25	47	0.53	6	05-25-1983	O	KE Af 57
175	190	4	42.09	11-09-1989	8	76	0.11	3	04-07-1986	--	KE Af 58
90.4	97	--	58	02-29-1956	25	31	0.81	16	02-29-1956	--	KE Af 59
471	486	3	59	06-10-1968	20	26	0.77	6	06-10-1968	--	KE Af 60
49	57	3	21	03-21-1952	20	19	1.05	8	03-21-1952	C	KE Af 61
424	457	6	50	04-30-1986	266	37	7.19	12	04-30-1986	--	KE Af 62
300	320	2	41.93	11-14-1989	30	30	1.00	5	10-08-1987	O	KE Af 63
281	286	3	3	06-16-1977	20	82	0.24	16	06-16-1977	--	KE Af 64
31	35	4	4.8	05-29-1969	35	13.2	2.65	2	05-29-1969	--	KE Af 65
31	35	4	4.3	05-29-1969	35	13.7	2.55	2	05-29-1969	--	KE Af 66
31	35	4	5.2	06-02-1969	35	10.8	3.24	2	06-02-1969	--	KE Af 67
31	35	4	5.1	06-02-1969	35	13.9	2.52	2	06-02-1969	--	KE Af 68
95	100	--	62	05-14-1961	25	--	--	16	05-14-1961	--	KE Af 69
97	102	3	63	08-28-1985	10	27	0.37	6	08-28-1985	--	KE Af 70
282	287	2	5	03-31-1989	25	55	0.45	8	03-31-1989	--	KE Af 71
144	158	4	35	08-01-1989	100	65	1.54	5	08-01-1989	--	KE Af 72
80	90	4	28.14	10-10-1989	60	28	2.14	1	12-02-1988	--	KE Af 73
140	150	4	30	09-27-1988	35	40	0.88	3	09-27-1988	--	KE Af 74
90	100	2	48	12-15-1988	30	22	1.36	6	12-15-1988	--	KE Af 75
85	91	2	40	11-22-1988	12	42	0.29	6	11-22-1988	--	KE Af 76
90	100	4	-0.7	11-09-1989	10	29	0.34	3	11-07-1988	--	KE Af 77
45	63	4	18	03-25-1966	20	7	2.86	2	03-25-1966	--	KE Af 78
290	300	4	15	11-17-1990	50	40	1.25	2	11-17-1990	--	KE Af 79
--	--	--	37.68	10-17-1951	--	--	--	--	--	--	KE Ag 1
--	--	--	34.2	10-17-1951	--	--	--	--	--	--	KE Ag 2
--	--	--	28.92	10-17-1951	--	--	--	--	--	--	KE Ag 3
--	--	--	27.55	10-17-1951	--	--	--	--	--	--	KE Ag 4
--	--	--	--	--	--	--	--	--	--	--	KE Ag 5
--	--	--	12.6	10-17-1951	--	--	--	--	--	--	KE Ag 6
--	--	--	7	10-17-1951	--	--	--	--	--	--	KE Ag 7
--	--	--	11.03	10-17-1951	--	--	--	--	--	--	KE Ag 8
--	--	--	41	10-18-1951	--	--	--	--	--	--	KE Ag 9
--	--	--	22.02	10-18-1951	--	--	--	--	--	--	KE Ag 10
--	--	--	33.13	10-18-1951	--	--	--	--	--	--	KE Ag 11
--	--	--	--	--	--	--	--	--	--	--	KE Ag 12
--	--	--	30.5	09-01-1979	--	--	--	--	--	--	KE Ag 13
12	14	2	--	--	--	--	--	--	--	L	KE Ag 14
11	13	2	--	--	--	--	--	--	--	L	KE Ag 15
64	88	4	37	12-04-1968	18	5	3.60	10	12-04-1968	--	KE Ag 16
80	88	4	32	04-24-1984	15	43	0.35	3	04-24-1984	--	KE Ag 17
65	70	4	20	02-18-1980	15	30	0.50	3	02-18-1980	--	KE Ag 18
60	70	2	8	12-08-1989	40	9	4.44	3	12-08-1984	--	KE Ag 19
60	70	4	19.27	08-29-1989	20	40	0.50	2	08-07-1984	O	KE Ag 20
40	100	4	25	08-12-1987	50	55	0.91	5	08-12-1987	--	KE Ag 21
105	110	3	34	08-30-1985	25	56	0.45	8	08-30-1985	--	KE Ag 22
143	181	4	33	06-20-1988	50	47	1.06	2	06-20-1988	--	KE Ag 23
--	--	--	10.11	07-19-1989	--	--	--	--	--	--	KE Ag 24
--	--	--	22.82	07-19-1987	--	--	--	--	--	--	KE Ag 25
48	58	4	20	07-15-1986	8	35	0.23	2	07-15-1986	--	KE Ag 26

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Ag 27	KE-73-0655	Faulkner, Nelson	Lifetime	10-24-1977	70	116	116	H	125AQUI
KE Ag 28	KE-81-0137	Neall, Daniel O Jr	Lifetime	08-03-1983	60	115	115	H	125AQUI
KE Ag 29	KE-73-1111	Neall, Daniel O Jr	Lifetime	06-25-1981	60	109	109	H	125AQUI
KE Ag 30	KE-81-0118	White, Bill	Lifetime	06-16-1983	60	81	81	H	125AQUI
KE Ag 31	KE-81-0391	Maguire, John	Lifetime	09-18-1985	60	103	103	H	125AQUI
KE Ag 32	KE-73-0675	Spencer, Bill	Lifetime	11-25-1977	65	103	103	H	125AQUI
KE Ag 33	KE-81-0441	Wiltbank, Walter S	Lifetime	01-09-1986	65	110	110	H	125AQUI
KE Ag 34	KE-73-0116	Wiltbank, Walter S	Shore	08-08-1973	65	83	83	U	125AQUI
KE Ag 35	KE-73-0908	Wiltbank, Walter S	American	08-08-1979	65	82	82	U	125AQUI
KE Ag 36	KE-68-0099	Dixon, Edgar	Shore	06-06-1968	65	70	70	H	125AQUI
KE Ag 37	KE-73-1136	DeCoster, A J	Shore	09-03-1981	65	68	68	H	125AQUI
KE Ag 38	--	DeCoster, A J	--	--	65	43.5	43.5	U	112CLMB
KE Ag 39	KE-81-0442	Johnson, Charles C	Lifetime	03-19-1986	70	101	101	H	125AQUI
KE Ag 40	KE-73-0942	Stewart, Calvin C	Shore	11-20-1979	40	86	86	H	125AQUI
KE Ag 41	KE-81-0682	Schlosser, Paul E	Delmarva	05-11-1987	50	130	121	I	125AQUI
KE Ag 42	KE-73-0765	Schlosser, Paul E	Kelley Drlg	07-26-1978	50	65	60	H	125AQUI
KE Ag 43	KE-73-1081	Schlosser, Paul E	Delmarva	03-18-1981	50	160	132	I	125AQUI
KE Ag 44	KE-81-0681	Schlosser, Paul E	Delmarva	05-09-1987	50	130	124	I	125AQUI
KE Ag 45	KE-72-0055	C A G Farms Inc	Kelley Drlg	03-07-1972	60	164	164	U	125AQUI
KE Ag 46	KE-81-0902	Alexander, James	Lifetime	04-25-1988	50	62	62	I	112CLMB
KE Ag 47	KE-81-0183	Coleman, Davidson Sr	White Drlg	02-01-1984	50	99	99	H	125AQUI
KE Ag 48	KE-04-3500	Coleman, Michael	Ennis Bros	07-05-1961	60	40	40	H	112CLMB
KE Ag 49	KE-66-0135	Garner	Shore	04-25-1966	65	110	110	H	125AQUI
KE Ag 50	KE-81-0007	Coleman, Davidson Jr	White Drlg	07-09-1982	60	103	99	H	125AQUI
KE Ag 51	KE-73-0842	Allison, Stayton L	Shore	04-24-1979	75	90	90	H	125AQUI
KE Ag 52	--	Hurtt, James	--	--	60	56	56	U	112CLMB
KE Ag 53	KE-66-0179	Hurtt, James	Shore	10-11-1966	60	221	221	H	211MNMT
KE Ag 54	KE-81-0924	Mead, Norman	American	06-22-1988	60	190	184	H	211MNMT
KE Ag 55	KE-81-0861	Coll, Bernard	Delmarva	07-08-1988	60	120	117	H	125AQUI
KE Ag 56	KE-81-0524	Baitzel, George	Shore	11-10-1986	45	161	161	H	211MNMT
KE Ag 57	--	John Wesley U Meth Ch	--	--	40	--	--	U	112CLMB
KE Ag 58	KE-73-1056	C A G Farms Inc	R A White	05-28-1981	60	180	170	I	125AQUI
KE Ag 59	KE-71-0099	C A G Farms Inc	Kelley Drlg	07-14-1971	60	180	--	U	--
KE Ag 60	KE-81-1134	Coulter, Donald	Shore	01-26-1989	65	114	114	H	125AQUI
KE Ag 61	KE-81-0981	Price, Floyd	American	06-23-1988	70	210	207	H	211MNMT
KE Ag 62	KE-81-1025	Gunther, William E	Shore	09-29-1988	65	116	116	H	125AQUI
KE Ag 63	KE-81-1299	LeCates, Catherine	Kelley Drlg	06-29-1989	55	138	138	H	125AQUI
KE Ag 64	KE-81-1131	Hoch, Gwendolyn	American	11-15-1988	50	415	410	I	211MGTY
KE Ag 65	--	Hoch, Gwendolyn	--	--	50	38.2	37.9	U	112CLMB
KE Ag 66	KE-88-0244	D'Amiano, Joyce	Delmarva	07-10-1991	70	203	200	H	211MNMT
KE Ag 67	KE-88-0156	D'Amiano, Joyce	Delmarva	04-29-1991	70	120	120	U	125AQUI
KE Bb 1	KE-00-3029	Great Oak Landing	Ennis Bros	09-15-1948	20	65	65	C	211MGTY
KE Bb 2	KE-00-4602	Fairlee, William	Jerome Unruh	04-28-1949	15	61	60.5	H	112CLMB
KE Bb 3	--	Purnell, J Hurst	--	--	20	30	30	U	112CLMB
KE Bb 4	--	Copelan, Garrett	--	--	30	36.29	36.29	H	112CLMB
KE Bb 5	--	Williams, J S Jr	--	--	30	35	35	H	112CLMB
KE Bb 6	--	Fairgale Farms	M A Pentz	00-00-1945	25	120	120	S	211MGTY
KE Bb 7	--	Andelot Farms	--	--	38	--	--	H	--
KE Bb 8	--	Andelot Farms	--	00-00-1932	20	95	95	H	211MGTY
KE Bb 9	KE-03-0508	Great Oak Landing	Ennis Bros	04-24-1958	35	71	70.3	C	211MGTY
KE Bb 10	KE-73-0138	Great Oak Landing	Kelley Drlg	09-24-1973	30	80	70	U	211MGTY
KE Bb 11	KE-81-0343	Walker, Jon	Shore	08-26-1985	30	60	60	A	211MGTY
KE Bb 12	KE-73-1104	Bacon, Russell	Kelley Drlg	06-19-1981	30	70	64	H	211MGTY
KE Bb 13	KE-73-0736	Smith, David	Kelley Drlg	06-06-1978	35	76	63	H	211MGTY
KE Bb 14	KE-81-0077	Crouch, Maruck	Kelley Drlg	01-21-1983	25	72	72	H	211MGTY
KE Bb 15	KE-81-1314	Berg, Joseph	American	08-30-1989	35	90	90	H	211MGTY
KE Bb 16	KE-81-0820	Brand, David	American	02-16-1988	35	92	86	H	211MGTY
KE Bb 17	KE-81-0763	Blenckstone, Fred E	Kelley Drlg	08-10-1987	30	87	87	H	211MGTY
KE Bb 18	KE-81-0166	Cunningham Patrick	Lifetime	11-12-1983	30	97	97	H	211MGTY
KE Bb 19	KE-81-0059	Bailey,Jack M	Kelley Drlg	10-28-1982	25	85	75	H	211MTWN
KE Bb 20	KE-81-0677	Evans, Thomas	Lifetime	06-12-1987	30	70	70	H	211MTWN
KE Bb 21	KE-73-0595	Scheible, John	Kelley Drlg	07-27-1977	30	80	65	H	211MTWN
KE Bb 22	KE-81-0316	Teaf, Adrian	Kelley Drlg	07-22-1985	15	70	70	H	211MTWN
KE Bb 23	KE-81-0660	Cassidy, Robert	Kelley Drlg	08-06-1987	10	90	90	H	211MGTY
KE Bb 24	KE-81-0022	Debnam, Lee D	Delmarva	07-16-1982	35	80	78	H	211MGTY
KE Bb 25	KE-73-0509	Purnell, J Hurst	R J Seward	10-29-1976	20	24	24	U	112CLMB
KE Bb 26	KE-81-0921	Smith, Sidney S	Lifetime	08-25-1988	15	68	68	H	211MTWN
KE Bb 27	KE-81-1350	Joyner, Claude	American	10-27-1989	30	200	200	H	217PTMC
KE Bb 28	KE-73-0548	Purnell, J Hurst	Shore	03-29-1977	20	44	44	H	112CLMB
KE Bb 29	KE-81-0383	Andelot Farms	Lifetime	08-28-1985	35	80	80	U	211MGTY
KE Bb 30	KE-81-0394	Andelot Farms	Lifetime	09-14-1985	35	190	190	I	217PTMC
KE Bb 31	KE-73-0752	Biddle, Louisa	Middletown	06-15-1978	15	196	196	H	217PTMC
KE Bb 32	KE-66-0038	Andelot Farms	Delmarva	11-12-1965	20	75	70	U	217PTMC
KE Bb 33	KE-81-0864	Green Pt Wharf Marina	American	01-12-1988	20	400	377	U	217PTMC
KE Bb 34	KE-81-0886	Green Pt Wharf Marina	American	03-02-1988	20	190	185	C	217PTMC

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
96	116	4	40	10-24-1977	30	40	0.75	6	10-24-1977	--	KE Ag 27
95	115	4	30	08-03-1983	20	50	0.40	5	08-03-1983	--	KE Ag 28
89	109	4	30	06-25-1981	20	50	0.40	5	06-25-1981	--	KE Ag 29
66	81	4	21	06-16-1983	20	24	0.83	5	06-16-1983	--	KE Ag 30
88	103	4	28	09-18-1985	20	22	0.91	5	09-18-1985	--	KE Ag 31
83	103	2	30	11-25-1977	10	20	0.50	6	11-25-1977	--	KE Ag 32
100	110	4	27.52	08-29-1989	30	48	0.63	5	01-09-1986	O	KE Ag 33
78	83	3	29	08-08-1973	10	41	0.24	6	08-08-1973	--	KE Ag 34
72	82	4	30	08-08-1979	5	30	0.17	2	08-08-1979	--	KE Ag 35
65	70	3	31	06-06-1968	12	19	0.63	6	06-06-1968	--	KE Ag 36
63	68	3	42	09-03-1981	15	8	1.88	6	09-03-1981	--	KE Ag 37
--	--	--	39.21	07-20-1989	--	--	--	--	--	O	KE Ag 38
91	101	4	61	03-19-1986	20	29	0.69	5	03-19-1986	--	KE Ag 39
81	86	3	15.18	08-29-1989	20	24	0.83	6	11-20-1979	--	KE Ag 40
101	121	6	29	05-11-1987	20	10	2.00	3	05-11-1987	--	KE Ag 41
52	60	4	29.28	08-29-1989	25	20	1.25	3	07-26-1978	--	KE Ag 42
72	132	6	32	03-18-1981	15	48	0.31	2.5	03-18-1981	--	KE Ag 43
104	124	6	29	05-09-1987	15	8	1.88	3	05-09-1987	--	KE Ag 44
106	164	17	19	03-07-1972	963	--	--	--	03-07-1972	--	KE Ag 45
42	62	4	12	04-25-1988	60	28	2.14	5	04-25-1988	--	KE Ag 46
79	99	4	11	02-01-1984	75	29	2.59	4	02-01-1984	--	KE Ag 47
35	40	--	14	07-05-1961	25	--	--	16	07-05-1961	--	KE Ag 48
--	--	--	31	04-25-1966	40	33	1.21	8	04-25-1966	--	KE Ag 49
79	99	4	12	07-09-1982	40	26	1.54	2	07-09-1982	--	KE Ag 50
72	90	--	34	04-24-1979	20	8	2.50	8	04-24-1979	--	KE Ag 51
--	--	--	48.49	08-29-1989	--	--	--	--	--	--	KE Ag 52
211	221	3	58	10-11-1966	20	67	0.30	16	10-11-1966	--	KE Ag 53
174	184	2	58.6	06-22-1988	59	51.4	1.15	2.5	06-22-1988	--	KE Ag 54
97	117	4	58.55	08-29-1989	20	34	0.59	3	07-08-1988	O	KE Ag 55
151	161	3	45	11-10-1986	15	60	0.25	6	11-10-1986	--	KE Ag 56
--	--	--	33.45	09-00-1979	--	--	--	--	--	Y	KE Ag 57
40	170	16	27	05-28-1981	1040	73	14.25	8	05-28-1981	--	KE Ag 58
--	--	--	19	07-14-1971	--	--	--	--	--	--	KE Ag 59
109	114	3	58	01-26-1989	12	42	0.29	6	01-26-1989	--	KE Ag 60
192	207	4	54	06-23-1988	30	66	0.45	2	06-23-1988	O	KE Ag 61
111	116	2	58.73	08-29-1989	20	27	0.74	6	09-29-1988	--	KE Ag 62
130	138	4	16	06-29-1989	60	59	1.02	3	06-29-1989	--	KE Ag 63
375	410	4	56.79	09-19-1990	50	30	1.67	3	11-15-1988	O	KE Ag 64
--	--	--	32.07	10-22-1991	--	--	--	--	--	O	KE Ag 65
190	200	4	53	07-10-1991	20	77	0.26	3	07-10-1991	--	KE Ag 66
112	120	4	60	04-29-1991	25	27	0.93	2	04-29-1991	--	KE Ag 67
--	--	--	36.5	09-15-1948	50	27.5	1.82	--	09-15-1948	--	KE Bb 1
56.5	60.5	3	8	04-28-1949	25	42	0.60	10	04-28-1949	--	KE Bb 2
--	--	--	24	09-26-1951	--	--	--	--	--	--	KE Bb 3
--	--	--	31.9	09-01-1979	--	--	--	--	--	--	KE Bb 4
--	--	--	--	--	--	--	--	--	--	--	KE Bb 5
--	--	--	25	09-25-1951	--	--	--	--	--	--	KE Bb 6
--	--	--	--	--	--	--	--	--	--	--	KE Bb 7
--	--	--	12	10-02-1951	--	--	--	--	--	--	KE Bb 8
65.3	70.3	--	31.5	04-24-1958	70	29.5	2.37	12	04-24-1958	--	KE Bb 9
65	70	4	31.25	03-16-1990	20	12	1.67	2	09-24-1973	L,O	KE Bb 10
55	60	3	35	08-26-1985	25	13	1.92	6	08-26-1985	--	KE Bb 11
58	64	4	30	06-19-1981	10	25	0.40	3	06-19-1981	Q	KE Bb 12
53	63	4	29	06-06-1978	25	21	1.19	3	06-06-1978	--	KE Bb 13
62	72	4	25	01-21-1983	12	35	0.34	3	01-21-1983	--	KE Bb 14
75	80	4	41	08-30-1989	15	11	1.36	4	08-30-1989	--	KE Bb 15
76	86	4	32	02-16-1988	60	28	2.14	4	02-16-1988	--	KE Bb 16
75	87	4	23	08-10-1987	15	42	0.36	3	08-10-1987	--	KE Bb 17
89	97	4	31	11-12-1983	20	39	0.51	5	11-12-1983	--	KE Bb 18
67	75	4	31.72	07-20-1990	30	35	0.86	3	10-28-1982	--	KE Bb 19
60	70	4	18	06-12-1987	20	42	0.48	5	06-12-1987	--	KE Bb 20
60	65	4	35	07-27-1977	12	20	0.60	3	07-27-1977	--	KE Bb 21
60	70	4	29	07-22-1985	25	21	1.19	3	07-22-1985	--	KE Bb 22
78	90	4	31.54	07-20-1990	15	29	0.52	3	08-06-1987	--	KE Bb 23
68	78	4	41	07-16-1982	15	20	0.75	1.5	07-16-1982	--	KE Bb 24
--	--	--	12	10-29-1976	10	6	1.67	2	10-29-1976	--	KE Bb 25
58	68	4	27	08-25-1988	40	23	1.74	5	08-25-1988	--	KE Bb 26
190	200	4	35	10-27-1989	6	145	0.04	3	10-27-1989	--	KE Bb 27
39	44	3	15.33	09-20-1990	25	13	1.92	8	03-29-1977	O	KE Bb 28
60	80	4	32.58	10-16-1990	18	22	0.82	5	08-28-1985	L,O	KE Bb 29
170	190	4	31.72	09-19-1990	50	47	1.06	5	09-14-1985	O	KE Bb 30
188	196	3	41	06-15-1978	40	39	1.03	2	06-15-1978	--	KE Bb 31
50	70	4	25	11-12-1965	20	13	1.54	3	11-12-1965	--	KE Bb 32
352	367	4	24.98	10-09-1990	1	202	0.00	8	01-12-1988	O	KE Bb 33
165	185	4	21.98	10-09-1990	60	25	2.40	9	03-02-1988	O	KE Bb 34

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Bb 35	KE-81-1312	Clark, William Jr	American	11-07-1989	20	100	97	H	211MGTY
KE Bb 36	KE-73-0700	Chesapeake Comm Assoc	Kelley Drlg	02-20-1978	25	60	60	H	112CLMB
KE Bb 37	--	Chesapeake Comm Assoc	--	--	25	35	35	U	112CLMB
KE Bb 38	KE-81-1282	Worton Creek Marina	Lifetime	06-06-1989	25	58	58	C	112CLMB
KE Bb 39	KE-68-0014	Worton Creek Marina	M A Pentz	08-15-1967	25	49	47	U	112CLMB
KE Bb 40	KE-88-0024	Durham, William	American	10-19-1990	20	85	80	H	211MTWN
KE Bb 41	KE-81-0481	Green Point Marina	Kelley Drlg	06-18-1986	5	82	82	C	211MGTY
KE Bb 42	--	Fairgale Farms	--	00-00-1941	25	26.5	26.5	U	112CLMB
KE Bb 43	--	Fairgale Farms	--	--	25	25	25	U	112CLMB
KE Bb 44	KE-01-1070	Purnell, J Hurst	Ennis Bros	10-02-1952	15	190	190	I	217PTMC
KE Bc 1	KE-00-1755	Supplee-Wills-Jones Co	M A Pentz	08-20-1947	80	58	58	U	125AQUI
KE Bc 2	--	Reed's General Store	--	--	48	16	16	U	112CLMB
KE Bc 3	KE-81-1248	Barrett, James	Lifetime	06-13-1989	35	120	120	H	211MGTY
KE Bc 4	--	Green Point Farms	--	--	45	22	22	U	112CLMB
KE Bc 5	--	Dykes, J W	--	--	35	13.5	13.5	U	112CLMB
KE Bc 6	--	--	--	--	90	--	--	H	112CLMB
KE Bc 7	--	Weaver, W	--	--	65	24	24	H	112CLMB
KE Bc 8	--	Dill, Hope	--	--	70	19.8	19.8	U	112CLMB
KE Bc 9	--	Collins, R	--	--	60	80	80	H	112CLMB
KE Bc 10	--	Rusden, Raymond	--	--	85	23	23	U	112CLMB
KE Bc 11	--	Eerry, H	--	00-00-1951	85	25	25	U	112CLMB
KE Bc 12	--	Spray, S	--	--	65	38.51	38.51	H	112CLMB
KE Bc 13	--	Younger, John	--	--	80	17.88	17.88	H	112CLMB
KE Bc 14	--	Collie Cove Farm	--	--	80	115	115	H	211MNMT
KE Bc 15	--	Fogwell, M	--	--	60	46.33	46.33	H	112CLMB
KE Bc 16	--	Green Point Farms	--	--	30	43.09	43.09	H	112CLMB
KE Bc 17	--	Myers, John	--	--	85	30	30	H	112CLMB
KE Bc 18	--	Hinson, Helen	--	00-00-1947	30	25.45	25.45	H	112CLMB
KE Bc 19	--	Atkinson, W	--	--	30	34.18	34.18	H	112CLMB
KE Bc 20	--	Green Point Farms	--	00-00-1916	30	45.23	45.23	H	112CLMB
KE Bc 21	--	Lapp, Sam	--	--	80	--	--	H	--
KE Bc 22	--	LaMott, Frank	--	00-00-1938	65	--	--	H	211MGTY
KE Bc 23	--	LaMott, Frank	--	00-00-1938	60	130	130	F	211MGTY
KE Bc 24	--	Heywood	--	--	85	45	45	U	112CLMB
KE Bc 25	--	Heywood	--	--	85	45.3	45.3	U	112CLMB
KE Bc 26	--	Gerres, Jay	--	00-00-1944	55	64	64	U	112CLMB
KE Bc 27	--	Harris, Arthur L	--	--	80	78	78	H	112CLMB
KE Bc 28	--	Parsons, Louis B	--	--	75	25.91	25.91	H	112CLMB
KE Bc 29	KE-00-9287	St James Methodist Ch	Jerome Unruh	07-00-1951	45	168	168	U	211MGTY
KE Bc 30	KE-66-0104	Shangri-La Trailer Ct	W F Stewart	04-07-1966	75	57	57	U	125AQUI
KE Bc 31	KE-66-0051	Stoltzfus, John Z	Shore	11-03-1965	76	235	235	U	211MTWN
KE Bc 32	--	Schoen, I D	Delmarva	04-06-1973	25	307	220	H	217PTMC
KE Bc 33	KE-73-1010	Kent Co Sanitary Comm	Delmarva	03-24-1981	75	62	60	U	125AQUI
KE Bc 34	KE-65-0084	Walkup, Harry E	Ennis Bros	02-22-1965	50	71	69	H	112CLMB
KE Bc 35	KE-73-1160	Keister, Richard E	Delmarva	12-07-1981	15	51	50	H	112CLMB
KE Bc 36	KE-73-1161	Beck, James A	Delmarva	11-12-1981	30	65	60	H	112CLMB
KE Bc 37	KE-81-0328	Manning, Alfred	Delmarva	06-13-1985	20	65	60	H	211MTWN
KE Bc 38	KE-81-0078	Shabazz, James	Delmarva	12-29-1982	20	65	60	H	112CLMB
KE Bc 39	KE-81-0665	Leverage, Ned	Kelley Drlg	02-06-1987	10	62	62	H	211MTWN
KE Bc 40	KE-81-0569	Schauber, Barbara	American	03-29-1988	15	75	45	H	112CLMB
KE Bc 41	KE-71-0097	Turner, Virgil	Lifetime	05-30-1971	80	160	160	H	211MGTY
KE Bc 42	KE-81-0929	Gerres, Jay	Kelley Drlg	11-18-1988	45	130	130	H	211MGTY
KE Bc 43	KE-81-0954	Gerres, Jay	Kelley Drlg	11-22-1988	60	140	140	H	211MGTY
KE Bc 44	KE-81-1044	Carter, Ralph	Delmarva	07-19-1989	30	125	85	H	112CLMB
KE Bc 45	KE-81-1273	Jefay Partnership	Kelley Drlg	09-19-1989	45	163	160	H	211MGTY
KE Bc 46	KE-81-1186	Harbert, Fred	American	02-05-1989	15	85	75	H	211MGTY
KE Bc 47	KE-81-1185	Harbert, Fred	American	02-05-1989	15	60	60	A	211MNMT
KE Bc 48	KE-81-1358	Harbert, Fred	American	10-04-1989	15	140	140	A	211MGTY
KE Bc 49	--	Harbert, Fred	--	--	15	12.1	12.1	U	112CLMB
KE Bc 50	KE-67-0020	Brink, Robert S	E R Kauffman	08-25-1966	90	163	160	U	211MTWN
KE Bc 51	KE-73-0971	Wyble, Gene	Shore	03-07-1980	10	73	73	H	211MGTY
KE Bc 52	KE-73-0974	Callaway, Ronald	Shore	03-11-1980	25	83	83	H	211MGTY
KE Bc 53	KE-73-1044	Van Veerooy, John	Shore	12-02-1980	15	72	72	H	211MGTY
KE Bc 54	KE-73-0530	Bissell, Harry P	W F Stewart	02-10-1977	35	95	95	H	211MGTY
KE Bc 55	KE-81-0734	Fogwell, Mrs Robert	Shore	06-26-1987	40	109	109	H	211MGTY
KE Bc 56	KE-81-0566	--	Shore	10-21-1986	50	110	110	H	211MGTY
KE Bc 57	KE-73-0526	Reed, Charles D	W F Stewart	11-20-1976	45	89	89	H	211MGTY
KE Bc 58	KE-81-0424	Curtin, Gerald F	W F Stewart	03-25-1986	45	96	96	H	211MGTY
KE Bc 59	KE-73-1032	Cadman, Kenneth	Shore	09-18-1980	25	93	93	H	211MGTY
KE Bc 60	KE-73-1035	Tuttle, John	Shore	09-22-1980	40	91	91	H	211MGTY
KE Bc 61	KE-73-1079	Tuttle, John A	Shore	04-24-1981	40	93	93	U	211MGTY
KE Bc 62	KE-81-0387	--	Shore	10-18-1985	25	103	103	H	211MGTY
KE Bc 63	KE-81-0979	MacDonald, Nancy	W F Stewart	11-29-1988	40	108	108	H	211MGTY
KE Bc 64	KE-73-0819	Reid, Joan M	American	12-08-1978	50	110	102	H	211MGTY
KE Bc 65	KE-81-0735	Wheeler, Bob	Kelley Drlg	09-15-1987	15	95	90	H	211MGTY

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
87	97	4	18	11-07-1989	30	47	0.64	1.5	11-07-1989	--	KE Bb 35
50	60	4	30	02-20-1978	20	20	1.00	3	02-20-1978	--	KE Bb 36
--	--	--	--	--	--	--	--	--	--	--	KE Bb 37
48	58	4	38	06-06-1989	30	17	1.76	5	06-09-1989	Q	KE Bb 38
37	47	6	36	08-15-1967	20	3	6.67	3	08-15-1967	--	KE Bb 39
40	80	4	15	10-19-1990	35	40	0.88	1	10-19-1990	--	KE Bb 40
75	82	4	3.66	10-09-1990	25	40	0.63	3	06-18-1986	O	KE Bb 41
--	--	--	16.36	03-17-1952	--	--	--	--	--	--	KE Bb 42
--	--	--	--	--	--	--	--	--	--	--	KE Bb 43
182.5	190	4	32	10-02-1952	40	52	0.77	16	10-02-1952	C	KE Bb 44
25	56	--	12	08-20-1947	30	11	2.73	6	08-20-1947	--	KE Bc 1
--	--	--	12	09-25-1951	--	--	--	--	--	--	KE Bc 2
110	120	4	45	06-13-1989	50	55	0.91	5	06-13-1989	Y	KE Bc 3
--	--	--	10	09-26-1951	--	--	--	--	--	--	KE Bc 4
--	--	--	11.45	09-26-1951	--	--	--	--	--	--	KE Bc 5
--	--	--	--	--	--	--	--	--	--	--	KE Bc 6
--	--	--	18	09-25-1951	--	--	--	--	--	--	KE Bc 7
--	--	--	16.4	09-26-1951	--	--	--	--	--	--	KE Bc 8
--	--	--	--	--	--	--	--	--	--	--	KE Bc 9
--	--	--	16.7	09-30-1951	--	--	--	--	--	--	KE Bc 10
--	--	--	19.4	10-01-1951	--	--	--	--	--	--	KE Bc 11
--	--	--	30.99	10-01-1951	--	--	--	--	--	--	KE Bc 12
--	--	--	12.92	10-01-1951	--	--	--	--	--	--	KE Bc 13
--	--	--	--	--	--	--	--	--	--	--	KE Bc 14
--	--	--	42.1	10-01-1951	--	--	--	--	--	--	KE Bc 15
--	--	--	37.77	10-02-1951	--	--	--	--	--	--	KE Bc 16
--	--	--	24.8	10-02-1951	--	--	--	--	--	--	KE Bc 17
--	--	--	14.56	10-02-1951	--	--	--	--	--	--	KE Bc 18
--	--	--	28.97	10-02-1951	--	--	--	--	--	--	KE Bc 19
--	--	--	--	--	--	--	--	--	--	--	KE Bc 20
--	--	--	--	--	--	--	--	--	--	--	KE Bc 21
--	--	--	--	--	--	--	--	--	--	--	KE Bc 22
--	--	--	--	--	--	--	--	--	--	--	KE Bc 23
--	--	--	--	--	--	--	--	--	--	--	KE Bc 24
--	--	--	39.69	10-03-1951	--	--	--	--	--	--	KE Bc 25
--	--	--	58.4	10-03-1951	--	--	--	--	--	--	KE Bc 26
--	--	--	73.44	10-03-1951	--	--	--	--	--	--	KE Bc 27
--	--	--	21	10-01-1951	--	--	--	--	--	--	KE Bc 28
160	168	3	31	07-00-1951	12	59	0.20	12	07-00-1951	Q	KE Bc 29
48	57	2.5	20	04-07-1966	40	35	1.14	6	04-07-1966	--	KE Bc 30
225	235	3	51	11-03-1965	50	54	0.93	16	11-03-1965	--	KE Bc 31
200	220	4	33	04-06-1973	20	9	2.22	3	04-06-1973	L	KE Bc 32
30	60	4	9.6	03-24-1981	30	10.6	2.83	2	03-24-1981	--	KE Bc 33
64	69	--	43.4	02-22-1965	30	25.6	1.17	16	02-22-1965	--	KE Bc 34
40	50	4	22	12-07-1981	15	4	3.75	2	12-07-1981	--	KE Bc 35
50	60	4	36.26	08-10-1989	9	14	0.64	2	11-12-1981	--	KE Bc 36
50	60	4	15	06-13-1985	30	10	3.00	2	06-13-1985	--	KE Bc 37
50	60	4	16	12-29-1982	12	7	1.71	3	12-29-1982	--	KE Bc 38
54	62	4	12	02-06-1987	20	28	0.71	3	02-06-1987	--	KE Bc 39
40	45	4	11	03-29-1988	10	13	0.77	2	03-29-1988	--	KE Bc 40
140	160	4	41	05-30-1971	20	49	0.41	2	05-30-1971	--	KE Bc 41
120	130	--	24.49	08-10-1989	20	38	0.53	3	11-18-1988	--	KE Bc 42
130	140	4	41.78	08-10-1989	30	38	0.79	3	11-22-1988	O	KE Bc 43
75	85	4	18	07-19-1989	20	47	0.43	2	07-19-1989	--	KE Bc 44
150	160	4	48.68	08-10-1989	40	57	0.70	3	09-19-1989	--	KE Bc 45
70	75	4	6.18	08-10-1989	10	11	0.91	5	02-05-1989	--	KE Bc 46
45	60	4	23	02-05-1989	8	7	1.14	3	02-05-1989	--	KE Bc 47
125	140	4	0	10-04-1989	80	25	3.20	1	10-04-1989	--	KE Bc 48
--	--	--	9.27	08-10-1989	--	--	--	--	--	--	KE Bc 49
90	160	4	32.74	06-21-1990	25	43	0.58	2	08-25-1966	L,O	KE Bc 50
68	73	3	13.53	06-20-1990	30	26	1.15	10	03-07-1980	--	KE Bc 51
78	83	3	30	03-11-1980	30	12	2.50	10	03-11-1980	--	KE Bc 52
67	72	3	34	12-02-1980	25	18	1.39	10	12-02-1980	--	KE Bc 53
90	95	3	43	02-10-1977	20	52	0.38	6	02-10-1977	--	KE Bc 54
104	109	3	50	06-26-1987	15	13	1.15	16	06-26-1987	--	KE Bc 55
105	110	3	47	10-21-1986	20	17	1.18	8	10-21-1986	--	KE Bc 56
84	89	3	58.12	06-20-1990	30	32	0.94	24	11-20-1976	--	KE Bc 57
91	96	3	46	03-25-1986	35	48	0.73	4	03-25-1986	--	KE Bc 58
88	93	3	50	09-18-1980	25	12	2.08	10	09-18-1980	--	KE Bc 59
86	91	3	57	09-22-1980	12	5	2.40	8	09-22-1980	--	KE Bc 60
88	93	3	58	04-24-1981	45	27	1.67	5	04-24-1981	--	KE Bc 61
98	103	3	43	10-18-1985	40	27	1.48	8	10-18-1985	--	KE Bc 62
103	108	3	50	11-29-1988	40	50	0.80	4	11-29-1988	--	KE Bc 63
92	102	4	51	12-08-1978	20	15	1.33	4	12-08-1978	--	KE Bc 64
76	90	4	22	09-15-1987	35	43	0.81	3	09-15-1987	--	KE Bc 65

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Bc 66	KE-73-0733	Price, George	Shore	06-15-1978	45	84	84	H	211MGTY
KE Bc 67	KE-81-0754	Toriello, Tony	Delmarva	10-19-1987	35	120	120	H	211MGTY
KE Bc 68	KE-81-0790	Hukill, Robert	American	03-10-1988	65	127	124	H	211MGTY
KE Bc 69	KE-81-0756	Franklin, Thomas	Kelley Drlg	11-03-1987	15	100	100	H	211MGTY
KE Bc 70	KE-73-1039	McFadden, Charles	Shore	10-17-1980	10	61	61	H	211MGTY
KE Bc 71	KE-81-1182	Gradecak, Mark	Collier Well	09-20-1989	85	160	160	H	211MGTY
KE Bc 72	KE-02-3799	LaMotte, David	M A Pentz	07-24-1956	70	123	123	H	211MGTY
KE Bc 73	KE-05-7458	LaMotte, Frank L	Shore	05-19-1964	80	151	143	H	211MGTY
KE Bc 74	KE-05-7459	Gent, James	Shore	05-09-1964	85	103	101	H	211MTWN
KE Bc 75	KE-81-0250	Holden, Donald	Lifetime	08-15-1984	15	101	101	H	211MGTY
KE Bc 76	KE-73-1171	Lapp, Sam	Lifetime	02-01-1982	85	140	140	H	211MGTY
KE Bc 77	KE-81-0502	Swiftbank, Colleen	Kelley Drlg	06-30-1986	45	120	120	H	112CLMB
KE Bc 78	KE-81-1189	Little, Norman	Shore	06-27-1989	60	118	118	H	112CLMB
KE Bc 79	KE-81-0708	Mauer, Donna	Kelley Drlg	09-22-1987	45	102	102	H	211MTWN
KE Bc 80	KE-81-0625	Gerres, Dan	Kelley Drlg	09-25-1987	25	95	95	H	211MTWN
KE Bc 81	KE-73-0198	Lapp, Mervin	Shore	05-28-1974	70	148	148	H	211MGTY
KE Bc 82	KE-81-0795	Yetman, Thomas	Kelley Drlg	09-24-1987	80	155	155	H	211MGTY
KE Bc 83	KE-81-0889	Bramble, William	American	04-28-1988	80	170	150	C	211MGTY
KE Bc 84	KE-81-0617	Klinefelter, Marshall	Kelley Drlg	01-05-1987	60	135	135	H	211MGTY
KE Bc 85	KE-73-0614	Kirk, W T	Kelley Drlg	08-16-1977	35	180	180	H	217PTMC
KE Bc 86	KE-73-0708	Reynolds, Herman W	R J Seward	04-06-1978	65	20	20	H	112CLMB
KE Bc 87	KE-73-0888	Baxter, Albert	R J Seward	06-19-1979	80	24	24	H	112CLMB
KE Bc 88	KE-68-0111	Trinks, Edwin	M A Pentz	07-03-1968	90	195	192	I	211MTWN
KE Bc 89	KE-67-0050	Davies, H Morris	Delmarva	09-12-1966	80	200	190	H	211MGTY
KE Bc 90	KE-81-0112	Heywood	W F Stewart	06-14-1983	90	78	78	H	125AQUI
KE Bc 91	KE-81-0600	Mench, Jerry	Kelley Drlg	10-24-1986	75	82	82	H	125AQUI
KE Bc 92	KE-73-0520	Baker, Mrs Ernestine	W F Stewart	11-15-1976	70	55	55	U	125AQUI
KE Bc 93	KE-81-0279	Muth, David	Kelley Drlg	10-26-1984	70	80	80	H	125AQUI
KE Bc 94	KE-81-0450	Chesapeake Diesel	Kelley Drlg	03-06-1986	70	80	80	C	125AQUI
KE Bc 95	KE-81-1147	Rusden, Raymond	Kelley Drlg	01-03-1989	85	80	80	H	125AQUI
KE Bc 96	KE-73-0553	Dill, Kurt	R J Seward	03-10-1977	70	20	20	H	125AQUI
KE Bc 97	KE-70-0073	Dill, Kurt	Kelley Drlg	07-10-1970	70	55	45	U	125AQUI
KE Bc 98	KE-81-1108	Sines, William B	Kelley Drlg	11-18-1988	70	75	75	H	125AQUI
KE Bc 99	KE-05-6285	Morris, Wilbur H	Ennis Bros	01-20-1964	75	253	253	U	211MGTY
KE Bc 100	KE-73-0596	Barry, Eric	M A Pentz	07-15-1977	48	105	105	H	211MNMT
KE Bc 101	KE-81-0091	Reed's General Store	Delmarva	03-25-1983	48	85	61	C	125AQUI
KE Bc 102	KE-81-1302	Burris, Donald	Shore	11-20-1989	85	61	61	H	125AQUI
KE Bc 103	KE-81-1297	Burris, Donald	Shore	11-21-1989	74	89	89	F	125AQUI
KE Bc 104	KE-81-1348	Kliever, Douglas	Lifetime	11-13-1989	85	160	160	S	211MGTY
KE Bc 105	KE-81-1283	--	Lifetime	06-13-1989	65	140	140	H	211MTWN
KE Bc 106	KE-81-1211	Heal, Charles	Lifetime	11-03-1989	25	140	140	H	211MGTY
KE Bc 107	KE-05-6462	Andelot Farms	Ennis Bros	02-03-1964	45	59.8	59.8	S	112CLMB
KE Bc 108	KE-88-0002	Lasater, Audry	Kelley Drlg	10-28-1988	85	130	130	H	211MTWN
KE Bc 109	KE-81-0356	Jedrowicz, Joseph	Lifetime	08-15-1985	40	160	160	H	217PTMC
KE Bc 110	KE-81-0565	Verheggen, Mrs Joseph	Lifetime	07-29-1986	70	160	160	H	217PTMC
KE Bc 111	KE-66-0033	Mckinney, Harris	Delmarva	11-06-1965	20	100	95	H	217PTMC
KE Bc 112	KE-81-0272	Lively, Anthony	Fisher Drlg	10-29-1984	35	110	110	H	211MGTY
KE Bc 113	KE-81-0543	Lively, Lucy	American	08-28-1986	40	105	98	H	211MGTY
KE Bc 114	KE-73-1190	Atkinson, Raymond	Shore	05-04-1982	38	175	175	H	217PTMC
KE Bc 115	KE-81-0542	Harms, George	American	09-10-1986	30	153	145	H	211MGTY
KE Bc 116	KE-81-0854	St James Methodist Ch	Delmarva	02-18-1988	45	180	180	H	211MGTY
KE Bc 117	KE-81-0029	Barry, Gerald	Delmarva	08-04-1982	65	181	181	H	211MGTY
KE Bc 118	KE-81-0868	Green Point Farms	American	01-22-1988	45	181	181	U	211MGTY
KE Bc 119	KE-81-0572	Gill, Raymond	American	09-09-1986	60	105	90	H	211MTWN
KE Bc 120	KE-81-0646	Myers, John Sr	Middletown	01-15-1987	90	270	270	H	217PTMC
KE Bc 121	KE-81-0349	Myers, Richard	Kelley Drlg	07-10-1985	85	160	160	H	211MGTY
KE Bc 122	KE-73-0962	Myers, Leonard	American	01-10-1980	65	330	320	S	217PTMC
KE Bc 123	KE-67-0128	Myers, Milton	Middletown	03-31-1967	45	318	318	H	217PTMC
KE Bc 124	KE-81-0907	Bradford, Basil	Delmarva	05-11-1988	80	80	80	H	125AQUI
KE Bc 125	KE-73-0826	Fair Hill Farms	Kelley Drlg	12-19-1979	75	70	67	N	125AQUI
KE Bc 126	KE-73-0584	Terpeluk, Paul	Kelley Drlg	06-16-1977	75	70	60	S	125AQUI
KE Bc 127	KE-81-1466	Terpeluk, Paul	Lifetime	06-14-1990	75	280	280	H	211MGTY
KE Bc 128	KE-81-1062	Edler, Robert	Kelley Drlg	11-30-1988	35	60	60	H	211MNMT
KE Bc 129	KE-81-0436	Elder, James	Kelley Drlg	01-10-1986	35	65	65	H	211MTWN
KE Bc 130	KE-73-0043	Elder, James	American	11-01-1972	35	70	70	U	211MTWN
KE Bc 131	KE-73-0378	Pichtelberger, Randy	Kelley Drlg	10-03-1975	45	80	80	H	211MTWN
KE Bc 132	KE-81-0248	Baker Robert V	Kelley Drlg	09-06-1984	40	70	68	H	211MTWN
KE Bc 133	KE-81-0675	Weller, Mike	Kelley Drlg	08-27-1987	10	58	55	H	211MTWN
KE Bc 134	KE-81-1323	Ruehsen, Hans J	American	08-28-1989	25	195	195	H	217PTMC
KE Bc 135	KE-81-0518	Urban, Donald	Kelley Drlg	07-01-1986	10	60	60	H	211MTWN
KE Bc 136	KE-81-1284	Munch, Kennah	Kelley Drlg	07-28-1989	30	80	80	H	211MTWN
KE Bc 137	KE-70-0038	Willis, Robert	Kelley Drlg	04-21-1970	30	210	197	H	217PTMC
KE Bc 138	KE-73-0862	Fish, George	Kelley Drlg	06-14-1979	30	70	67	H	211MTWN
KE Bc 139	KE-81-1345	Schreiner, Jack	American	11-10-1989	25	88	83	H	211MTWN
KE Bc 140	KE-81-0825	Sewell, Charles	Lifetime	12-22-1987	30	75	75	H	211MTWN

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
79	84	3	23	06-15-1978	30	19	1.58	8	06-15-1978	--	KE Bc 66
85	120	4	50	10-19-1987	30	50	0.60	10	10-19-1987	--	KE Bc 67
114	124	4	57.79	06-21-1990	30	30	1.00	4	03-10-1988	--	KE Bc 68
90	100	4	20	11-03-1987	12	40	0.30	3	11-03-1987	--	KE Bc 69
56	61	3	19.09	06-20-1990	25	17	1.47	10	10-17-1980	O,Q	KE Bc 70
150	160	2	25	09-20-1989	30	15	2.00	5	09-20-1989	--	KE Bc 71
118	123	4	44	07-24-1956	30	11	2.73	6	07-24-1956	--	KE Bc 72
138	143	6	78	05-19-1964	30	27	1.11	28	05-19-1964	--	KE Bc 73
96	101	4	79.6	05-09-1964	30	13.4	2.24	8	05-09-1964	--	KE Bc 74
89	101	2	8	08-15-1984	50	42	1.19	5	08-15-1984	--	KE Bc 75
125	140	4	64.91	06-20-1990	15	35	0.43	5	02-01-1982	--	KE Bc 76
110	120	4	62	06-30-1986	35	28	1.25	3	06-30-1986	--	KE Bc 77
108	118	4	52.61	06-20-1990	20	26	0.77	6	06-27-1989	--	KE Bc 78
90	100	4	28	09-22-1987	8	47	0.17	3	09-22-1987	--	KE Bc 79
85	95	4	29.05	06-20-1990	10	40	0.25	3	09-25-1987	--	KE Bc 80
143	148	3	57	05-28-1974	30	48	0.63	10	05-28-1974	--	KE Bc 81
145	155	4	48.22	06-21-1990	15	50	0.30	3	09-24-1987	--	KE Bc 82
140	150	4	40	04-28-1988	40	6	6.67	4	04-28-1988	--	KE Bc 83
126	135	4	40	01-05-1987	10	10	1.00	3	01-05-1987	--	KE Bc 84
120	180	4	44	08-16-1977	3.5	51	0.07	26	08-16-1977	--	KE Bc 85
19	20	36	10	04-06-1978	5	6	0.83	2	04-06-1978	--	KE Bc 86
23	24	36	16	06-19-1979	5	4	1.25	2	06-19-1979	--	KE Bc 87
183	192	2	31	07-03-1968	30	14	2.14	1.5	07-03-1968	--	KE Bc 88
170	190	4	26.73	06-21-1990	30	23	1.30	2	09-12-1966	O	KE Bc 89
73	78	3	42	06-14-1983	45	34	1.32	4	06-14-1983	--	KE Bc 90
70	82	4	12.24	07-11-1990	25	42	0.60	3	10-24-1986	O	KE Bc 91
47	55	2	13	11-15-1976	25	37	0.68	4	11-15-1976	--	KE Bc 92
72	80	4	12	10-26-1984	25	48	0.52	3	10-26-1984	--	KE Bc 93
70	80	4	15	03-06-1986	12	45	0.27	3	03-06-1986	--	KE Bc 94
70	80	4	20	01-03-1989	15	30	0.50	3	01-03-1989	--	KE Bc 95
19	20	--	12	03-10-1977	5	5	1.00	2	03-10-1977	--	KE Bc 96
37	45	--	14	07-10-1970	10	11	0.91	2	07-10-1970	--	KE Bc 97
65	75	4	6	11-18-1988	10	46	0.22	3	11-18-1988	--	KE Bc 98
237.4	253	--	72.1	01-20-1964	17	93.9	0.18	16	01-20-1964	--	KE Bc 99
92	105	--	12	07-15-1977	15	39	0.38	2	07-15-1977	--	KE Bc 100
51	61	4	2.92	07-20-1990	4	11	0.36	3	03-25-1983	O	KE Bc 101
51	61	4	17.21	07-20-1990	15	19	0.79	5	11-20-1989	--	KE Bc 102
79	89	4	10	--	20	50	0.40	5	11-21-1989	--	KE Bc 103
150	160	4	71.63	06-20-1990	30	80	0.38	5	11-13-1989	O	KE Bc 104
130	140	4	40	06-13-1989	50	60	0.83	5	06-13-1989	--	KE Bc 105
125	140	4	65	11-03-1989	50	55	0.91	5	11-03-1989	--	KE Bc 106
53	59.8	--	36.8	02-03-1964	60	21.2	2.83	16	02-03-1964	--	KE Bc 107
120	130	4	35	10-28-1988	20	45	0.44	3	10-28-1988	--	KE Bc 108
140	160	4	68.17	09-19-1990	20	40	0.50	5	08-15-1985	--	KE Bc 109
144	160	4	40	07-29-1986	15	60	0.25	5	07-29-1986	--	KE Bc 110
75	95	4	72	11-06-1965	10	10	1.00	3	11-06-1965	--	KE Bc 111
96	106	2	32	10-29-1984	50	43	1.16	4	10-29-1984	--	KE Bc 112
78	98	4	30	08-28-1986	20	30	0.67	3	08-28-1986	--	KE Bc 113
170	175	3	30	05-04-1982	10	54	0.19	8	05-04-1982	--	KE Bc 114
135	145	4	26	09-10-1986	30	34	0.88	2	09-10-1986	--	KE Bc 115
165	175	4	30	02-18-1988	40	40	1.00	8	02-18-1988	--	KE Bc 116
160	170	4	40	08-04-1982	10	40	0.25	8	08-04-1982	--	KE Bc 117
165	175	4	21.72	10-10-1990	12	89	0.13	8	01-22-1988	O	KE Bc 118
80	90	4	27	09-09-1986	8	33	0.24	2	09-09-1986	--	KE Bc 119
258	270	3	77	01-15-1987	50	48	1.04	2	01-15-1987	--	KE Bc 120
140	160	4	40.58	10-09-1990	5	60	0.08	4	07-10-1985	O	KE Bc 121
295	315	4	56	01-10-1980	30	44	0.68	1	01-10-1980	--	KE Bc 122
310	318	4	43.5	03-31-1967	40	56.5	0.71	4	03-31-1967	--	KE Bc 123
60	80	4	29	05-11-1988	10	30.6	0.33	2	05-11-1988	--	KE Bc 124
60	67	4	12	12-19-1979	5	43	0.12	3	12-19-1979	--	KE Bc 125
55	60	4	28.92	10-18-1990	5	25	0.20	4	06-16-1977	O	KE Bc 126
260	280	4	69.71	10-18-1990	30	70	0.43	5	06-14-1990	O	KE Bc 127
50	60	4	8.78	11-19-1990	6	24	0.25	3	11-30-1988	--	KE Bc 128
50	65	4	22	01-10-1986	4	28	0.14	3	01-10-1986	--	KE Bc 129
60	70	4	15	11-01-1972	5	35	0.14	3	11-01-1972	--	KE Bc 130
70	80	4	31	10-03-1975	4	40	0.10	4	10-03-1975	--	KE Bc 131
60	68	4	27	09-06-1984	5	33	0.15	3	09-06-1984	--	KE Bc 132
45	55	4	12	08-27-1987	5	38	0.13	3	08-27-1987	--	KE Bc 133
185	195	4	31.24	11-19-1990	40	40	1.00	7	08-28-1989	--	KE Bc 134
52	60	4	20	07-01-1986	5	20	0.25	3	07-01-1986	--	KE Bc 135
70	80	4	12	07-28-1989	7	53	0.13	3	07-28-1989	--	KE Bc 136
187	197	4	25.3	11-19-1990	50	76	0.66	4	04-21-1970	O	KE Bc 137
57	67	4	21	06-14-1979	6	29	0.21	3	06-14-1979	--	KE Bc 138
73	83	4	14.55	11-19-1990	10	43	0.23	1	11-10-1989	--	KE Bc 139
59	75	4	16	12-22-1987	40	34	1.18	5	12-22-1987	--	KE Bc 140

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Bc 141	KE-73-0690	Jarell, Robert	Kelley Drlg	08-17-1978	30	71	69	H	211MTWN
KE Bc 142	KE-81-1162	Lusby, Mark A	Kelley Drlg	12-29-1988	15	60	60	H	211MTWN
KE Bc 143	KE-70-0072	Cain, John	Kelley Drlg	07-09-1970	10	40	30	H	211MNMT
KE Bc 144	KE-73-0544	Rich, Julius	Kelley Drlg	02-01-1977	15	45	42	H	211MTWN
KE Bc 145	KE-81-1427	Bustard, James	Kelley Drlg	03-21-1990	25	90	85	H	211MTWN
KE Bc 146	KE-81-0971	Dove, Timothy	Kelley Drlg	07-27-1988	25	75	75	H	211MTWN
KE Bc 147	KE-81-1045	--	Kelley Drlg	10-08-1988	30	70	67	H	211MTWN
KE Bc 148	KE-73-0438	--	Kelley Drlg	05-13-1978	30	65	65	H	211MTWN
KE Bc 149	KE-81-1007	Dewar	American	10-31-1988	90	215	215	H	211MGTY
KE Bc 150	KE-73-0604	Bergen, John	American	05-21-1977	65	230	217	H	211MGTY
KE Bc 151	KE-66-0100	Baxter, John F	Delmarva	02-10-1966	80	150	140	H	211MTWN
KE Bc 152	KE-73-0403	Cordrey, Kenneth	Kelley Drlg	02-19-1976	90	90	89	H	211MNMT
KE Bc 153	KE-73-0830	Davidson, Randall	American	01-17-1979	85	175	168	U	211MNMT
KE Bc 154	KE-81-0460	Davidson, Randall	Lifetime	03-29-1986	85	340	340	H	217PTMC
KE Bc 155	KE-69-0003	Myers, William L	Middletown	05-26-1969	85	345	345	H	217PTMC
KE Bc 156	KE-73-0844	Robertson, Pat	American	03-08-1979	75	180	180	H	211MGTY
KE Bc 157	KE-73-0497	Newsome, Lewis	R J Seward	09-27-1976	62	30	30	H	112CLMB
KE Bc 158	KE-81-0234	Gears, Robert	Lifetime	08-07-1984	85	120	120	H	211MNMT
KE Bc 159	--	--	--	--	85	22.9	22.9	U	112CLMB
KE Bc 160	KE-68-0100	Worton Elem School	Shannahan Ar	07-21-1968	90	244.6	--	U	--
KE Bc 161	KE-69-0103	Worton Elem School	Shannahan Ar	06-11-1969	90	57	56	U	112CLMB
KE Bc 162	KE-71-0075	Kent Co High School	Shannahan Ar	04-01-1971	90	59	59	U	112CLMB
KE Bc 163	KE-73-0764	Elgin, James E	Kelley Drlg	07-27-1978	90	82	82	H	125AQUI
KE Bc 164	KE-73-1164	Kent Co Sanitary Comm	Delmarva	11-24-1981	75	70	65	P	125AQUI
KE Bc 165	KE-73-1165	Kent Co Sanitary Comm	Delmarva	11-24-1981	75	70	70	P	125AQUI
KE Bc 166	KE-73-1166	Kent Co Sanitary Comm	Delmarva	11-25-1981	75	70	65	P	125AQUI
KE Bc 167	KE-81-0852	Elgin, James	American	12-28-1987	65	60	60	H	125AQUI
KE Bc 168	KE-03-9613	Elgin, James	W F Stewart	07-07-1960	65	56	56	S	125AQUI
KE Bc 169	KE-03-4420	Huls America Inc	Delmarva	04-29-1959	65	105	71	U	125AQUI
KE Bc 170	KE-67-0177	Huls America Inc	Delmarva	07-01-1967	70	182	178	N	211MNMT
KE Bc 171	KE-71-0067	Huls America Inc	Kelley Drlg	03-08-1971	70	180	175	N	211MNMT
KE Bc 172	KE-71-0111	Huls America Inc	Kelley Drlg	04-28-1971	70	181	180	N	211MNMT
KE Bc 173	KE-81-1361	Huls America Inc	Delmarva	11-21-1989	75	186	180	N	211MNMT
KE Bc 174	KE-73-0594	Smith, James E	Kelley Drlg	07-25-1977	85	65	65	H	125AQUI
KE Bc 175	KE-81-0741	Hayman, Kenneth	Lifetime	06-12-1987	70	60	60	H	125AQUI
KE Bc 176	KE-67-0140	Hayman, Kenneth	M A Pentz	04-10-1967	70	310	310	U	--
KE Bc 177	KE-66-0067	Morris, Ted	Shore	12-03-1965	65	113	113	H	125AQUI
KE Bc 178	KE-04-5147	Solloway, Henry	W F Stewart	11-23-1961	91	42	40	U	112CLMB
KE Bc 179	KE-68-0100	Worton Elem School	Shannahan Ar	06-19-1968	90	144.5	52	U	112CLMB
KE Bc 180	KE-81-1399	Beneman, Jay	Kelley Drlg	03-09-1990	40	90	82	H	211MTWN
KE Bc 181	KE-81-0867	Gruber, Henry	American	04-15-1988	30	195	187	H	211MGTY
KE Bc 182	KE-81-1315	Bergen, Lee	Delmarva	07-28-1989	85	323	323	H	217PTMC
KE Bc 183	KE-81-1232	Donahue, Tom	Lifetime	08-10-1989	10	195	195	H	217PTMC
KE Bc 184	KE-88-0256	Md Geological Survey	Md Wtr Rsrc	08-08-1991	82.02	240	215	U	211MGTY
KE Bc 185	KE-88-0255	Md Geological Survey	Md Wtr Rsrc	08-09-1991	82.09	60	55	U	112CLMB
KE Bc 186	KE-88-0286	Md Geological Survey	CZ Enterpris	11-20-1991	82	290	275	U	217PTMC
KE Bc 187	KE-88-0114	McCloria, William	Lifetime	02-27-1991	30	240	240	H	217PTMC
KE Bd 1	KE-00-2014	Ramsing, Thor	M A Pentz	11-21-1947	60	80	80	U	112CLMB
KE Bd 2	KE-00-3718	Fellows, B R	Ennis Bros	03-17-1949	70	98	98	H	211MNMT
KE Bd 3	KE-00-9274	Schults-Friech	Jerome Unruh	06-00-1951	65	153	153	U	211MNMT
KE Bd 4	--	Fry, Edward	--	--	82	41	41	U	112CLMB
KE Bd 5	--	Matthews Cliff	--	--	85	24	24	U	112CLMB
KE Bd 6	--	Messer, Ollie	--	00-00-1922	70	32	32	U	112CLMB
KE Bd 7	--	Walbert, W W	--	--	45	41.6	41.6	U	112CLMB
KE Bd 8	--	Joiner, A B	--	--	70	53	53	U	211MTWN
KE Bd 9	--	Baxter, G Norman	--	00-00-1939	65	18	18	S	112CLMB
KE Bd 10	--	Devine, William	--	--	80	26.3	26.3	U	112CLMB
KE Bd 11	--	Baxter	--	--	75	35	35	U	112CLMB
KE Bd 12	--	Medders, William	--	--	70	23	23	H	112CLMB
KE Bd 13	--	Stickney, S Sanford	--	00-00-1900	75	29	29	H	112CLMB
KE Bd 14	--	Joiner, C H	--	--	85	50	50	H	112CLMB
KE Bd 15	--	Wessel, Ronald	--	--	70	21.9	19.75	U	112CLMB
KE Bd 16	--	Sutton, Stanley B	--	00-00-1830	70	50	50	U	112CLMB
KE Bd 17	--	Stickney, S Sanford	--	00-00-1800	80	44	44	H	112CLMB
KE Bd 18	--	Thompson	--	00-00-1800	65	70	70	H	112CLMB
KE Bd 19	--	Wiltbank, William	--	--	45	45	45	H	112CLMB
KE Bd 20	--	Wessell	--	00-00-1930	70	35	35	H	112CLMB
KE Bd 21	--	Usilton, Herbert	--	00-00-1850	70	60	60	H	112CLMB
KE Bd 22	--	Scott, Lee	--	00-00-1935	75	30	30	H	112CLMB
KE Bd 23	--	Fooks, Eleanor	--	--	60	40	40	U	112CLMB
KE Bd 24	--	Ford, William L	--	00-00-1915	65	65	65	U	112CLMB
KE Bd 25	--	Groves, Stuart W	--	00-00-1900	71	40	40	U	112CLMB
KE Bd 26	--	Oram, H D	--	00-00-1850	25	30	30	U	112CLMB
KE Bd 27	--	Sutton, John C	--	--	70	45	45	U	112CLMB
KE Bd 28	--	Smith, Lester	--	09-00-1951	75	28	28	H	112CLMB

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
60	69	4	18	08-17-1978	10	32	0.31	3	08-17-1978	--	KE Bc 141
50	60	4	10	12-29-1988	20	30	0.67	3	12-29-1988	--	KE Bc 142
25	30	--	5	07-09-1970	10	20	0.50	2	07-09-1970	--	KE Bc 143
37	42	4	15.89	11-19-1990	4	15	0.27	4	02-01-1977	O	KE Bc 144
75	85	4	31	03-21-1990	10	29	0.34	3	03-21-1990	--	KE Bc 145
65	75	4	32	07-27-1988	8	18	0.44	3	07-27-1988	--	KE Bc 146
57	67	4	35	10-08-1988	10	15	0.67	3	10-08-1988	--	KE Bc 147
60	65	4	28	05-13-1978	8	22	0.36	3	05-13-1978	--	KE Bc 148
189	199	4	71.17	09-19-1990	10	115	0.09	4	10-31-1988	--	KE Bc 149
160	198	4	73	05-21-1977	10	27	0.37	4.5	05-21-1977	--	KE Bc 150
110	140	4	17.03	09-19-1990	25	16	1.56	3	02-10-1966	--	KE Bc 151
79	89	4	32	02-19-1976	8	38	0.21	4	02-19-1976	--	KE Bc 152
153	165	4	35	01-17-1979	8	65	0.12	7.5	01-17-1979	--	KE Bc 153
320	340	2	82	03-29-1986	40	38	1.05	5	03-29-1986	--	KE Bc 154
337	345	4	82.1	05-26-1969	35	37.9	0.92	6	05-26-1969	--	KE Bc 155
138	178	4	34.5	03-08-1979	7	31.5	0.22	3.5	03-08-1979	--	KE Bc 156
29	30	36	20	09-27-1976	3	8	0.38	2	09-27-1976	--	KE Bc 157
105	120	2	31.14	10-18-1990	12	63	0.19	5	10-18-1990	O	KE Bc 158
--	--	--	16.9	10-18-1990	--	--	--	--	--	O	KE Bc 159
--	--	--	--	--	--	--	--	--	--	--	KE Bc 160
33.3	56	6	26.3	06-11-1969	32	2.7	11.85	12	06-11-1969	--	KE Bc 161
39	59	6	25	04-01-1971	34	4	8.50	12	04-01-1971	--	KE Bc 162
76	82	4	15.4	10-09-1990	20	43	0.47	3	07-27-1978	--	KE Bc 163
45	65	6	9.1	11-24-1981	20	19.8	1.01	1	11-24-1981	--	KE Bc 164
40	60	6	10	11-24-1981	20	18.6	1.08	1	11-24-1981	--	KE Bc 165
40	60	6	9.6	11-25-1981	20	18.4	1.09	1	11-25-1981	--	KE Bc 166
48	58	4	15	12-28-1987	40	10	4.00	1	12-28-1987	--	KE Bc 167
42	56	2	14	07-07-1960	40	26	1.54	4	07-07-1960	--	KE Bc 168
46	71	4	15	04-29-1959	10	10	1.00	4	04-29-1959	--	KE Bc 169
115	178	4	12	07-01-1967	20	13	1.54	3	07-01-1967	--	KE Bc 170
118	175	6	27	03-08-1971	50	103	0.49	6	03-08-1971	--	KE Bc 171
155	178	4	30	04-28-1971	150	100	1.50	4	04-28-1971	--	KE Bc 172
158	178	6	32	11-21-1989	600	101	5.94	8	11-21-1989	--	KE Bc 173
60	65	4	17.43	10-09-1990	8	25	0.32	3	07-25-1977	O	KE Bc 174
50	60	4	12	06-12-1987	30	28	1.07	5	06-12-1987	--	KE Bc 175
105	310	4	51	04-10-1967	25	23	1.09	3	04-10-1967	--	KE Bc 176
108	113	4	17	12-03-1965	25	73	0.34	8	12-03-1965	--	KE Bc 177
32	40	2	17	11-23-1961	20	20	1.00	3	11-23-1961	--	KE Bc 178
36	52	4	25.2	06-19-1968	15	1.6	9.38	5	06-19-1968	--	KE Bc 179
72	82	4	40.77	11-19-1990	20	29	0.69	3	03-09-1990	--	KE Bc 180
177	187	4	35	04-15-1988	40	40	1.00	4	04-15-1988	--	KE Bc 181
308	323	2	76.07	10-23-1991	100	96	1.04	4	07-28-1989	O	KE Bc 182
183	195	4	40	08-10-1989	30	60	0.50	5	08-10-1989	--	KE Bc 183
200	210	4	62.55	10-23-1991	--	--	--	--	--	C,L,O	KE Bc 184
40	50	4	14.65	10-23-1991	115	9.2	12.50	6	11-22-1991	C,O	KE Bc 185
255	265	4	47.34	12-02-1991	4.6	45.02	0.10	6	12-02-1991	C,L,O	KE Bc 186
228	240	4	31	02-27-1991	15	69	0.22	5	02-27-1991	--	KE Bc 187
65	80	3	50	11-21-1947	10	3	3.33	2	11-21-1947	--	KE Bd 1
93	98	--	19	03-17-1949	45	44	1.02	--	03-17-1949	C	KE Bd 2
145	153	3	27	06-00-1951	15	57	0.26	8	06-00-1951	--	KE Bd 3
--	--	--	37.3	10-01-1951	--	--	--	--	--	--	KE Bd 4
--	--	--	--	--	--	--	--	--	--	--	KE Bd 5
--	--	--	28	10-01-1951	--	--	--	--	--	--	KE Bd 6
--	--	--	38.69	10-01-1951	--	--	--	--	--	--	KE Bd 7
--	--	--	43	10-02-1951	--	--	--	--	--	--	KE Bd 8
--	--	--	15.25	10-02-1951	--	--	--	--	--	--	KE Bd 9
--	--	--	20.01	10-02-1951	--	--	--	--	--	O	KE Bd 10
--	--	--	30	10-02-1951	--	--	--	--	--	--	KE Bd 11
--	--	--	18	10-02-1951	--	--	--	--	--	--	KE Bd 12
--	--	--	25	07-00-1951	--	--	--	--	--	--	KE Bd 13
--	--	--	46.5	10-02-1951	--	--	--	--	--	--	KE Bd 14
--	--	--	11.67	10-02-1951	--	--	--	--	--	--	KE Bd 15
--	--	--	24	10-03-1951	--	--	--	--	--	--	KE Bd 16
--	--	--	38.5	07-00-1951	--	--	--	--	--	--	KE Bd 17
--	--	--	60	10-03-1951	--	--	--	--	--	--	KE Bd 18
--	--	--	43	10-03-1951	--	--	--	--	--	--	KE Bd 19
--	--	--	23	10-03-1951	--	--	--	--	--	--	KE Bd 20
--	--	--	56	10-03-1951	--	--	--	--	--	--	KE Bd 21
--	--	--	25.75	10-03-1951	--	--	--	--	--	--	KE Bd 22
--	--	--	30	10-03-1951	--	--	--	--	--	--	KE Bd 23
--	--	--	53	10-04-1951	--	--	--	--	--	--	KE Bd 24
--	--	--	35	10-04-1951	--	--	--	--	--	--	KE Bd 25
--	--	--	25	10-04-1951	--	--	--	--	--	--	KE Bd 26
--	--	--	38	04-00-1951	--	--	--	--	--	--	KE Bd 27
--	--	--	25	09-00-1951	--	--	--	--	--	--	KE Bd 28

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Bd 29	--	--	--	--	50	32.95	32.95	U	112CLMB
KE Bd 30	--	Brooks	--	00-00-1900	65	53.91	53.91	H	112CLMB
KE Bd 31	--	Hickman, Francis	--	--	60	25.8	25.8	H	112CLMB
KE Bd 32	--	Lahen, Bertha E	--	00-00-1939	75	20	20	U	112CLMB
KE Bd 33	KE-66-0133	Agway Inc	Shore	05-03-1966	65	174	174	C	211MTWN
KE Bd 34	--	U.S. Geological Survey	Hardin Assoc	01-16-1981	25	40	40	U	112CLMB
KE Bd 35	--	U.S. Geological Survey	Hardin Assoc	01-30-1981	38	20	--	U	112CLMB
KE Bd 36	--	U.S. Geological Survey	Hardin Assoc	01-30-1981	55	35	--	U	112CLMB
KE Bd 37	--	U.S. Geological Survey	Hardin Assoc	01-30-1981	25	20	--	U	112CLMB
KE Bd 38	KE-81-0802	U.S. Geological Survey	USGS	09-22-1987	80	50	45	U	112CLMB
KE Bd 39	KE-81-1225	U.S. Geological Survey	USGS	05-03-1989	75	45	38.5	U	125AQUI
KE Bd 40	KE-73-1141	Fooks, Eleanor	Shore	09-28-1981	60	91	90	H	125AQUI
KE Bd 41	KE-81-0085	Taylor, Darryl	Kelley Drlg	02-28-1983	60	120	120	H	211MGTY
KE Bd 42	KE 81 0944	U.S. Geological Survey	USGS	06-23-1988	75	60	27	U	112CLMB
KE Bd 43	KE-81-0405	Phillipp, Michael	Kelley Drlg	10-17-1985	80	85	85	H	125AQUI
KE Bd 44	KE-04-5844	Sutton, John C	W F Stewart	03-24-1962	70	55	55	U	125AQUI
KE Bd 45	KE-69-0075	Sutton, John C	W F Stewart	03-26-1969	70	53	53	U	125AQUI
KE Bd 46	KE-73-0020	Sutton, John C	W F Stewart	08-06-1973	70	129	129	H	211MNMT
KE Bd 47	KE-04-5251	Leonard, Carl C	Middletown	12-06-1961	65	145	145	H	211MNMT
KE Bd 48	KE-81-0449	McGuire, John	Kelley Drlg	03-11-1986	60	100	100	H	211MNMT
KE Bd 49	KE-81-0046	McGuire, Benjamin	Shore	09-24-1982	75	270	270	H	217PTMC
KE Bd 50	KE-81-0082	Sisco, Troy	Kelley Drlg	02-23-1983	70	110	110	H	211MTWN
KE Bd 51	KE-73-0010	C & P Telephone Co	Shannahan Ar	08-23-1972	65	104	96	H	211MNMT
KE Bd 52	KE-73-1196	Heal, Charles E	Middletown	05-11-1982	70	220	220	H	211MGTY
KE Bd 53	KE-81-0865	P & G Market	Kelley Drlg	02-23-1988	70	83	80	C	211MNMT
KE Bd 54	KE-81-1051	Hastings, Helen	American	10-03-1988	70	95	92	H	211MNMT
KE Bd 55	KE-81-1161	Ciesielski, Frank R	American	12-20-1988	70	95	95	H	211MNMT
KE Bd 56	KE-67-0166	Stillpond Meth Church	W F Stewart	06-23-1967	70	94	94	H	211MNMT
KE Bd 57	KE-71-0084	Mt Zion U Meth Church	W F Stewart	11-30-1971	72	80	80	H	211MNMT
KE Bd 58	KE-81-0315	Sutton, James	Shore	05-22-1985	60	191	191	H	217PTMC
KE Bd 59	KE-81-1176	Dowling, Kenneth V	Kelley Drlg	03-27-1989	75	141	141	H	211MGTY
KE Bd 60	KE-73-0791	Sassi, Douglas	Middletown	09-19-1978	70	202	202	H	211MGTY
KE Bd 61	KE-73-1192	Taylor, Edwin	Kelley Drlg	03-25-1982	70	105	105	H	211MNMT
KE Bd 62	KE-81-0493	Brown, Marci	Lifetime	05-20-1987	75	116	116	H	211MNMT
KE Bd 63	KE-81-1259	Speakman, Thomas	American	07-07-1989	90	230	230	H	211MGTY
KE Bd 64	KE-81-1195	Speakman Nurseries	American	04-18-1989	80	240	235	I	211MGTY
KE Bd 65	KE-81-0719	Henderson, Thomas	Kelley Drlg	12-01-1987	85	115	115	S	211MNMT
KE Bd 66	KE-81-0246	Rengart, Andy	W F Stewart	08-16-1984	65	45	30	H	112CLMB
KE Bd 67	KE-81-0624	Bontrager, Sam	Kelley Drlg	01-05-1987	70	110	110	H	211MTWN
KE Bd 68	KE-81-0788	Scott, Michael	Lifetime	11-24-1987	70	55	55	H	211MNMT
KE Bd 69	KE-81-0397	Joiner, Greg	Lifetime	10-09-1985	65	178	178	H	211MGTY
KE Bd 70	KE-73-1187	Thomas, Kenneth	Delmarva	03-31-1982	60	200	200	H	211MGTY
KE Bd 71	KE-81-0805	Lobley, William	W F Stewart	05-09-1988	80	108	108	H	211MNMT
KE Bd 72	KE-81-0058	Smith, John	Kelley Drlg	10-22-1982	65	87	82	H	125AQUI
KE Bd 73	KE-73-0550	Messer, Ollie	R J Seward	03-09-1977	70	32	32	U	112CLMB
KE Bd 74	KE-81-1149	Messer, Ollie	Kelley Drlg	12-21-1988	70	100	100	H	211MNMT
KE Bd 75	KE-81-1200	Holden, Donald	Kelley Drlg	04-25-1989	70	82	82	H	125AQUI
KE Bd 76	KE-81-0210	Winters, Richard	W F Stewart	04-11-1984	80	54	54	H	112CLMB
KE Bd 77	KE-05-7666	Matthews, Cliff	W F Stewart	05-21-1964	85	113	113	H	211MNMT
KE Bd 78	KE-04-1040	Loughry	W F Stewart	11-03-1960	85	65	50	U	112CLMB
KE Bd 79	KE-81-1202	Meeks, Thomas	Kelley Drlg	05-09-1989	80	85	77	H	125AQUI
KE Bd 80	KE-81-1119	Meikle, Hanson	American	04-21-1989	65	132	130	H	211MNMT
KE Bd 81	KE-73-0674	Meikle, Steve	Kelley Drlg	01-05-1978	75	50	42	H	112CLMB
KE Bd 82	KE-81-1179	Lindner, Robert	Kelley Drlg	02-28-1989	75	130	130	H	211MNMT
KE Bd 83	KE-73-0691	Freeman, William L	Kelley Drlg	04-17-1978	75	45	42	H	112CLMB
KE Bd 84	KE-73-0329	Willard's Delmarva Agr	Allen White	05-07-1975	75	400	--	U	--
KE Bd 85	KE-73-0379	Willard's Delmarva Agr	Kelley Drlg	10-28-1975	75	62	59	N	125AQUI
KE Bd 86	KE-73-0343	Southern States Grain	Kelley Drlg	06-19-1975	70	40	39	C	112CLMB
KE Bd 87	KE-02-9953	Willard's Delmarva Agr	Ennis Bros	03-13-1958	70	257	257	N	211MGTY
KE Bd 88	KE-81-0276	Schults-Friech	Kelley Drlg	10-19-1984	69	80	78	H	125AQUI
KE Bd 89	KE-81-1378	Williams, Bryant	Kelley Drlg	02-01-1990	75	82	82	H	125AQUI
KE Bd 90	KE-81-0003	Debnam, George R	American	05-27-1982	55	61	61	I	125AQUI
KE Bd 91	KE-04-5534	Wessel, Ronald	W F Stewart	01-26-1962	70	56	56	H	125AQUI
KE Bd 92	KE-73-0984	Bradley	Kelley Drlg	06-03-1980	70	90	90	H	125AQUI
KE Bd 93	KE-68-0092	Lomax, James	Shore	05-24-1968	70	129	129	H	125AQUI
KE Bd 94	KE-81-0042	Simmons, Albert	Lifetime	08-31-1982	75	97	97	H	125AQUI
KE Bd 95	KE-81-0181	Greenwood, Nancy	Kelley Drlg	12-23-1983	35	115	110	H	211MNMT
KE Bd 96	KE-73-0993	Lott, Peter	Kelley Drlg	06-20-1980	35	85	85	H	211MNMT
KE Bd 97	KE-81-0376	Meeks, Mrs Harry	Lifetime	08-03-1985	60	65	65	H	125AQUI
KE Bd 98	KE-73-0143	McDowell, Edward F	W F Stewart	09-15-1973	65	118	118	U	125AQUI
KE Bd 99	KE-81-0225	H & E Farm Equipment	Lifetime	05-21-1984	70	110	110	C	125AQUI
KE Bd 100	KE-66-0026	Groves, Stuart W	M A Pentz	08-03-1965	70	140	140	H	211MNMT
KE Bd 101	KE-73-0985	GenFarms	American	04-29-1980	65	181	180	S	211MNMT
KE Bd 102	KE-73-0986	GenFarms	American	04-24-1980	65	185	179	U	211MNMT
KE Bd 103	KE-81-0972	GenFarms	Delmarva	06-07-1988	65	183	183	S	211MNMT

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
--	--	--	26.2	10-04-1951	--	--	--	--	--	--	KE Bd 29
--	--	--	47.64	10-04-1951	--	--	--	--	--	--	KE Bd 30
--	--	--	22.01	10-04-1951	--	--	--	--	--	--	KE Bd 31
--	--	--	13	10-01-1951	--	--	--	--	--	--	KE Bd 32
169	174	3	25	05-03-1966	30	105	0.29	8	05-03-1966	--	KE Bd 33
5	15	2	4.65	06-09-1981	--	--	--	--	--	C	KE Bd 34
--	--	--	--	--	--	--	--	--	--	C	KE Bd 35
--	--	--	--	--	--	--	--	--	--	C	KE Bd 36
--	--	--	--	--	--	--	--	--	--	C	KE Bd 37
42	45	2	--	--	--	--	--	--	--	--	KE Bd 38
35.5	38.5	2	--	--	--	--	--	--	--	O	KE Bd 39
85	90	3	23	09-28-1981	25	27	0.93	6	09-28-1981	--	KE Bd 40
112	120	4	60	02-28-1983	20	40	0.50	3	02-28-1983	--	KE Bd 41
24	27	2	12.1	09-07-1988	--	--	--	--	--	L	KE Bd 42
75	85	4	22	10-17-1985	6	48	0.13	3	10-17-1985	--	KE Bd 43
42	55	2	16	03-24-1962	30	31	0.97	3	03-24-1962	--	KE Bd 44
42	53	2	18	03-26-1969	35	32	1.09	5	03-26-1969	--	KE Bd 45
119	129	3	18	08-06-1973	100	111	0.90	4	08-06-1973	--	KE Bd 46
129	145	4	26	12-06-1961	30	74	0.41	4	12-06-1961	--	KE Bd 47
90	100	4	3.95	06-19-1990	10	35	0.29	3	03-11-1986	O	KE Bd 48
260	270	3	68	09-24-1982	50	72	0.69	8	09-24-1982	--	KE Bd 49
100	110	4	25	02-23-1983	12	35	0.34	3	02-23-1983	--	KE Bd 50
91	96	2	13	08-23-1972	16	28	0.57	12	08-23-1972	--	KE Bd 51
212	220	3	65	05-11-1982	30	35	0.86	4	05-11-1982	--	KE Bd 52
70	80	4	40	02-23-1988	4	25	0.16	3	02-23-1988	--	KE Bd 53
82	92	4	23	10-03-1988	60	37	1.62	1	10-03-1988	--	KE Bd 54
85	95	4	23	12-20-1988	60	37	1.62	1.5	12-20-1988	--	KE Bd 55
85	94	2	18	06-23-1967	40	75	0.53	8	06-23-1967	--	KE Bd 56
72	80	2	26	11-30-1971	80	54	1.48	6	11-30-1971	--	KE Bd 57
186	191	3	43.8	06-12-1990	12	33	0.36	16	05-22-1985	--	KE Bd 58
131	141	4	45	03-27-1989	15	35	0.43	4	03-27-1989	--	KE Bd 59
194	202	3	70	09-19-1978	20	40	0.50	4	09-19-1978	--	KE Bd 60
94	105	4	10.69	06-27-1990	20	60	0.33	3	03-25-1982	--	KE Bd 61
101	116	4	17.1	10-15-1990	20	32	0.63	5	05-20-1987	O	KE Bd 62
220	230	4	72.99	09-19-1990	60	18	3.33	3	07-07-1989	O	KE Bd 63
210	230	4	67	04-18-1989	60	18	3.33	10	04-18-1989	--	KE Bd 64
100	115	4	25	12-01-1987	15	65	0.23	3	12-01-1987	--	KE Bd 65
23	30	2	15	08-16-1984	15	8	1.88	24	08-16-1984	--	KE Bd 66
100	110	4	20	01-05-1987	15	30	0.50	3	01-05-1987	--	KE Bd 67
45	55	4	45	11-24-1987	14	10	1.40	5	11-24-1987	--	KE Bd 68
161	178	4	100	10-09-1985	20	40	0.50	5	10-09-1985	--	KE Bd 69
188	198	4	54	03-31-1982	25	46	0.54	14	03-31-1982	--	KE Bd 70
103	108	3	39	05-09-1988	40	61	0.66	8	05-09-1988	--	KE Bd 71
74	82	4	30	10-22-1982	5	40	0.13	3	10-22-1982	--	KE Bd 72
31	32	36	20	03-09-1977	10	8	1.25	2	03-09-1977	--	KE Bd 73
70	100	4	40	12-21-1988	5	20	0.25	3	12-21-1988	--	KE Bd 74
72	82	4	20	04-25-1989	6	45	0.13	3	04-25-1989	--	KE Bd 75
49	54	3	20	04-11-1984	50	32	1.56	4	04-11-1984	O	KE Bd 76
104	113	2	33.59	06-21-1990	12	45	0.27	8	05-21-1964	--	KE Bd 77
46	50	2	34	11-03-1960	8	14	0.57	4	11-03-1960	--	KE Bd 78
67	77	4	23.32	06-21-1990	5	39	0.13	3	05-09-1989	O	KE Bd 79
110	130	4	50	04-21-1989	15	35	0.43	2.5	04-21-1989	--	KE Bd 80
37	42	4	21	01-05-1978	10	14	0.71	3	01-05-1978	--	KE Bd 81
120	130	4	14	02-28-1989	15	66	0.23	4	02-28-1989	--	KE Bd 82
37	42	4	15	04-17-1978	12	25	0.48	3	04-17-1978	--	KE Bd 83
--	--	--	--	--	--	--	--	--	--	--	KE Bd 84
29	59	4	14	10-28-1975	33	31	1.06	3	10-28-1975	--	KE Bd 85
34	39	4	12	06-19-1975	20	20	1.00	2	06-19-1975	--	KE Bd 86
247	257	6	64	03-13-1958	60	61	0.98	25.5	03-13-1958	--	KE Bd 87
70	78	4	18	10-19-1984	70	47	1.49	3	10-19-1984	--	KE Bd 88
70	82	4	10	02-01-1990	10	40	0.25	3	02-01-1990	--	KE Bd 89
38	58	4	3.8	07-11-1990	20	15	1.33	2	05-27-1982	--	KE Bd 90
42	56	2	18	01-26-1962	30	29	1.03	4	01-26-1962	--	KE Bd 91
80	90	4	30.42	06-27-1990	5	36	0.14	3	06-03-1980	--	KE Bd 92
101	129	--	52	05-24-1968	20	31	0.65	7	05-24-1968	--	KE Bd 93
87	97	--	37	08-31-1982	12	53	0.23	3	08-31-1982	--	KE Bd 94
100	110	4	30	12-23-1983	20	40	0.50	3	12-23-1983	--	KE Bd 95
80	85	4	24	06-20-1980	3	51	0.06	3	06-20-1980	--	KE Bd 96
55	65	4	32	08-03-1985	15	18	0.83	5	08-03-1985	--	KE Bd 97
96	118	3	42	09-15-1973	50	76	0.66	6	09-15-1973	--	KE Bd 98
98	110	4	37.78	06-27-1990	20	35	0.57	5	05-21-1984	O	KE Bd 99
116	140	4	42	08-03-1965	10	31	0.32	2	08-03-1965	--	KE Bd 100
138	178	6	37	04-29-1980	55	43	1.28	3	04-29-1980	--	KE Bd 101
139	179	6	43	04-24-1980	50	57	0.88	5	04-24-1980	--	KE Bd 102
160	180	6	32	06-07-1988	60	28	2.14	2	06-07-1988	--	KE Bd 103

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Bd 104	KE-65-0074	Wiedenmayer, George B	W F Stewart	06-30-1966	50	120	120	H	211MNMT
KE Bd 105	KE-70-0029	Pinder, Arthur	Shore	01-12-1970	65	128	128	H	211MNMT
KE Bd 106	KE-81-1472	Oakley, Isaiah	Collier Well	08-10-1990	65	83	83	H	125AQUI
KE Bd 107	KE-68-0059	Lake View Mennonite Ch	Delmarva	03-29-1968	25	73	65	H	125AQUI
KE Bd 108	KE-81-0146	Hastings, Larry	Delmarva	09-09-1983	15	65	57	H	125AQUI
KE Bd 109	KE-81-1382	Butler, Charles	Collier Well	01-06-1990	30	180	180	H	211MNMT
KE Bd 110	KE-04-0746	Hildebrandt, F M	Ennis Bros	09-29-1960	65	92	92	H	125AQUI
KE Bd 111	KE-81-0476	Wilson, Margaret H	Kelley Drlg	04-07-1986	70	120	120	H	125AQUI
KE Bd 112	KE-81-1235	Brown, William	Kelley Drlg	04-26-1989	65	95	95	H	125AQUI
KE Bd 113	KE-73-0533	Sears, Henry F	M A Pentz	12-21-1976	65	92	92	H	125AQUI
KE Bd 114	KE-81-0517	Tideland Gardens	Kelley Drlg	05-19-1986	70	103	103	H	125AQUI
KE Bd 115	KE-81-1208	Tideland Gardens	Kelley Drlg	09-17-1989	70	115	115	I	125AQUI
KE Bd 116	KE-81-1325	Myers, Donald	Lifetime	03-12-1990	63	180	180	H	211MNMT
KE Bd 117	KE-81-1434	Boyer, Robert	Lifetime	04-12-1990	60	90	90	H	125AQUI
KE Bd 118	KE-73-0917	Hall, Charles	John Branham	09-27-1979	65	100	100	H	125AQUI
KE Bd 119	KE-72-0010	Blizzard, Allen H	Shore	08-11-1971	70	181	181	H	211MNMT
KE Bd 120	KE-70-0028	Mt Olive U Meth Church	Shore	01-05-1970	70	87	87	H	125AQUI
KE Bd 121	KE-81-1022	Stutzner, Anna	American	08-04-1988	70	120	120	H	211MNMT
KE Bd 122	KE-81-0955	Johnson, Barry	Kelley Drlg	06-13-1988	65	90	90	H	125AQUI
KE Bd 123	KE-73-0669	Thompson	W F Stewart	11-10-1977	70	119	119	H	211MNMT
KE Bd 124	KE-72-0008	Kent Co Humane Society	Shore	08-05-1971	22	214	214	U	211MTWN
KE Bd 125	KE-02-2480	Sutton, Stanley B	W F Stewart	04-14-1956	70	102	102	U	125AQUI
KE Bd 126	KE-66-0103	Sutton, Stanley B	Delmarva	03-28-1966	70	189	180	H	125AQUI
KE Bd 127	KE-72-0088	Ramsing, Thor	Shore	09-01-1972	65	344	344	S	217PTMC
KE Bd 128	KE-04-6046	Ramsing, Thor	Ennis Bros	02-20-1962	65	390	390	H	217PTMC
KE Bd 129	KE-66-0125	Chestertown Animal Hos	W Crouch	04-12-1966	50	115	115	C	125AQUI
KE Bd 130	KE-81-0382	Ayres, Robert	Delmarva	08-16-1985	25	180	179	H	211MNMT
KE Bd 131	KE-81-0216	Chamberlain, Alan	Delmarva	06-03-1984	60	160	157	H	211MNMT
KE Bd 132	KE-81-0494	Unruh, Denney	Kelley Drlg	04-15-1986	45	158	158	H	211MNMT
KE Bd 133	KE-66-0156	Fry, Edward	W F Stewart	06-09-1966	82	86	86	H	125AQUI
KE Bd 134	KE-67-0114	Layhen, Bertha E	W F Stewart	08-19-1967	75	125	125	H	125AQUI
KE Bd 135	KE-81-0115	Crew, Donald	Kelley Drlg	06-08-1983	65	95	90	H	125AQUI
KE Bd 136	KE-81-0412	Forney, Michael	Kelley Drlg	03-21-1986	15	145	145	H	211MNMT
KE Bd 137	KE-81-1370	Malone, Robert	Kelley Drlg	11-13-1989	85	135	135	H	211MNMT
KE Bd 138	KE-81-1442	Fry, Edward	Kelley Drlg	04-26-1990	70	120	120	S	125AQUI
KE Bd 139	KE-81-1374	Hickman, Francis	Lifetime	01-06-1990	60	120	120	H	125AQUI
KE Bd 140	KE-81-0713	Peace, James	Kelley Drlg	05-15-1987	25	100	100	U	125AQUI
KE Bd 141	KE-66-0159	Byrne, Francis	W F Stewart	07-06-1966	70	102	102	H	211MNMT
KE Bd 142	KE-81-0987	Peace, James	Kelley Drlg	09-12-1988	25	160	160	H	211MNMT
KE Bd 143	KE-81-1209	Bright, Lena	Kelley Drlg	05-28-1990	45	100	100	H	211MNMT
KE Bd 144	KE-81-0514	Chauvenet, William	American	05-21-1986	25	80	70	H	125AQUI
KE Bd 145	KE-88-0261	Tideland Gardens	Lifetime	07-27-1991	70	110	110	I	125AQUI
KE Bd 146	KE-88-0097	Reeder, Paula	American	11-14-1990	90	260	260	H	211MGTY
KE Bd 147	--	--	--	--	5	--	3	-	125AQUI
KE Be 1	KE-00-0492	McHenry, Joseph & Sons	Ennis Bros	10-16-1946	60	107.5	107.5	U	125AQUI
KE Be 2	--	--	--	--	70	12.45	12.45	U	112CLMB
KE Be 3	--	Crow, W R	M A Pentz	00-00-1938	70	158	158	H	211MNMT
KE Be 4	--	Yetman, Larry B	--	--	80	30.68	30.68	U	112CLMB
KE Be 5	--	Shrewsbury Church	M A Pentz	08-00-1951	70	150	150	H	211MNMT
KE Be 6	--	Copper, H C	--	--	75	29.93	29.93	U	112CLMB
KE Be 7	--	Quinn, Leonard	--	--	65	18	18	U	112CLMB
KE Be 8	--	Sutton, E	--	--	70	21.56	21.56	H	112CLMB
KE Be 9	--	Stup, John	--	--	70	27.86	27.86	H	112CLMB
KE Be 10	--	Hill	--	--	65	34.37	34.37	H	112CLMB
KE Be 11	--	Kennedy, George	--	--	65	30.6	28.4	H	112CLMB
KE Be 12	--	Hanifee, R E	--	--	70	38.35	38.35	H	112CLMB
KE Be 13	--	Coleman, H	--	--	70	30	30	U	112CLMB
KE Be 14	--	Coleman, H	--	--	70	32	32	H	112CLMB
KE Be 15	--	Lusby, Edgar D	--	00-00-1900	65	41.21	41.21	U	112CLMB
KE Be 16	--	King, William	--	--	60	30	30	U	112CLMB
KE Be 17	--	King, William	--	--	60	24	24	U	112CLMB
KE Be 18	--	Fox, E L	--	00-00-1790	55	32	32	H	112CLMB
KE Be 19	KE-00-4154	Fernwalt, John	Jerome Unruh	06-25-1949	70	147	147	H	125AQUI
KE Be 20	--	Williams, C	M A Pentz	01-00-1951	50	145	145	H	125AQUI
KE Be 21	--	Groves, Stuart	--	00-00-1922	70	25.6	25.6	H	112CLMB
KE Be 22	--	Angelica Nurseries	--	--	55	26	26	U	112CLMB
KE Be 23	--	Freeman, Robert	--	--	70	39.65	39.65	U	112CLMB
KE Be 24	--	Harrison, H	--	--	55	41.95	41.95	H	112CLMB
KE Be 25	--	Owings & Sons Inc	--	--	50	40	40	U	112CLMB
KE Be 26	--	Stoltzfus, Jonas	--	00-00-1946	70	--	--	U	--
KE Be 27	--	Taylor, Leonard	--	--	70	51.2	51.2	H	112CLMB
KE Be 28	--	Southern States Coop	--	00-00-1922	65	26	26	U	112CLMB
KE Be 29	--	Southern States Coop	M A Pentz	05-00-1929	65	90	90	U	125AQUI
KE Be 30	--	Southern States Coop	M A Pentz	00-00-1937	65	190	190	U	211MNMT
KE Be 31	--	Southern States Coop	--	00-00-1943	60	22	22	U	112CLMB

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
100	120	3	52	06-30-1966	60	68	0.88	6	06-30-1966	--	KE Bd 104
123	128	3	51	01-12-1970	30	33	0.91	10	01-12-1970	--	KE Bd 105
73	83	2	46	08-10-1990	40	24	1.67	5	08-10-1990	--	KE Bd 106
55	65	4	18	03-29-1968	15	10	1.50	2	03-29-1968	--	KE Bd 107
47	57	4	12	09-09-1983	10	10	1.00	3	09-09-1983	--	KE Bd 108
160	180	2	16	01-06-1990	40	39	1.03	5	01-06-1990	--	KE Bd 109
87	92	--	36	09-29-1960	11	55	0.20	16	09-29-1960	--	KE Bd 110
112	120	4	45	04-07-1986	15	35	0.43	3	04-07-1986	--	KE Bd 111
85	95	4	44.38	06-11-1990	10	33	0.30	3	04-26-1989	O	KE Bd 112
63	92	2	43	12-21-1976	20	19	1.05	2	12-21-1976	--	KE Bd 113
93	103	4	24	05-19-1986	25	36	0.69	3	05-19-1986	--	KE Bd 114
95	103	4	40	09-17-1989	20	40	0.50	3	09-17-1989	--	KE Bd 115
160	180	4	40	03-12-1990	50	60	0.83	5	03-12-1990	--	KE Bd 116
80	90	4	25	04-12-1990	35	35	1.00	5	04-12-1990	--	KE Bd 117
93	100	2	33	09-27-1979	20	20	1.00	2	09-27-1979	--	KE Bd 118
176	181	3	48	08-11-1971	10	57	0.18	10	08-11-1971	--	KE Bd 119
82	87	3	44	01-05-1970	10	16	0.63	6	01-05-1970	--	KE Bd 120
105	115	4	27.69	07-11-1990	15	33	0.45	2	08-04-1988	--	KE Bd 121
80	90	4	15	06-13-1988	50	15	3.33	3	06-13-1988	--	KE Bd 122
96	119	3	38.07	06-28-1990	100	39	2.56	12	11-10-1977	--	KE Bd 123
209	214	3	0.63	06-28-1990	20	50	0.40	16	08-05-1971	O	KE Bd 124
95	102	3	47	04-14-1956	15	43	0.35	18	04-14-1956	--	KE Bd 125
150	180	4	49	03-28-1966	50	16	3.13	2	03-28-1966	--	KE Bd 126
334	344	6	66	09-01-1972	45	79	0.57	16	09-01-1972	--	KE Bd 127
140	390	3	56	02-20-1962	60	--	--	25	02-20-1962	--	KE Bd 128
80	115	--	19.52	06-28-1990	25	--	--	10	04-12-1966	O	KE Bd 129
159	179	4	1.59	07-12-1990	10	86	0.12	2	08-16-1985	--	KE Bd 130
137	157	4	36.93	07-12-1990	15	34	0.44	6	06-03-1984	--	KE Bd 131
148	158	4	0.67	07-12-1990	18	48	0.38	3	04-15-1986	O	KE Bd 132
78	86	2	29	06-09-1966	15	56	0.27	8	06-09-1966	--	KE Bd 133
107	125	2	35	08-19-1967	70	89	0.79	8	08-19-1967	--	KE Bd 134
80	90	4	18	06-08-1983	14	57	0.25	3	06-08-1983	--	KE Bd 135
135	145	4	4.37	07-11-1990	30	52	0.58	3	03-21-1986	O	KE Bd 136
125	135	4	37	11-13-1989	5	63	0.08	3	11-13-1989	--	KE Bd 137
110	120	4	25	04-26-1990	15	65	0.23	3	04-26-1990	--	KE Bd 138
110	120	4	30.79	06-28-1990	35	50	0.70	5	01-06-1990	--	KE Bd 139
90	100	4	42	05-15-1987	10	28	0.36	3	05-15-1987	--	KE Bd 140
90	102	2	36.14	09-19-1990	30	68	0.44	7	07-06-1966	--	KE Bd 141
150	160	4	21	09-12-1988	18	79	0.23	3	09-12-1988	--	KE Bd 142
90	100	4	25	05-28-1990	15	45	0.33	3	05-28-1990	--	KE Bd 143
50	70	4	13.44	07-12-1990	10	12	0.83	3	05-21-1986	--	KE Bd 144
70	110	4	35	07-27-1991	80	45	1.78	5	07-27-1991	--	KE Bd 145
240	250	4	48	11-14-1990	20	77	0.26	2	11-14-1990	--	KE Bd 146
--	--	--	--	--	--	--	--	--	--	--	KE Bd 147
--	--	--	25	10-16-1946	30	5	6.00	25	10-16-1946	--	KE Be 1
--	--	--	12	10-03-1951	--	--	--	--	--	--	KE Be 2
--	--	--	34	00-00-1938	--	--	--	--	--	--	KE Be 3
--	--	--	24.34	10-03-1951	--	--	--	--	--	--	KE Be 4
--	--	--	--	--	--	--	--	--	--	Q	KE Be 5
--	--	--	24.79	10-02-1951	--	--	--	--	--	--	KE Be 6
--	--	--	13.3	10-02-1951	--	--	--	--	--	--	KE Be 7
--	--	--	15.23	10-02-1951	--	--	--	--	--	--	KE Be 8
--	--	--	23.38	10-03-1951	--	--	--	--	--	--	KE Be 9
--	--	--	30.61	10-04-1951	--	--	--	--	--	--	KE Be 10
--	--	--	26.3	10-04-1951	--	--	--	--	--	--	KE Be 11
--	--	--	32.07	10-04-1951	--	--	--	--	--	--	KE Be 12
--	--	--	--	--	--	--	--	--	--	--	KE Be 13
--	--	--	27.2	10-04-1951	--	--	--	--	--	--	KE Be 14
--	--	--	37.88	10-04-1951	--	--	--	--	--	--	KE Be 15
--	--	--	26	10-04-1951	--	--	--	--	--	--	KE Be 16
--	--	--	21	00-00-1939	--	--	--	--	--	--	KE Be 17
--	--	--	28	10-04-1951	--	--	--	--	--	--	KE Be 18
139	147	3	36	06-25-1949	25	44	0.57	8	06-25-1949	--	KE Be 19
--	--	--	--	--	--	--	--	--	--	--	KE Be 20
--	--	--	19.76	10-04-1951	--	--	--	--	--	--	KE Be 21
--	--	--	20.5	10-04-1951	--	--	--	--	--	--	KE Be 22
--	--	--	33.89	10-05-1951	--	--	--	--	--	--	KE Be 23
--	--	--	35.92	10-05-1951	--	--	--	--	--	--	KE Be 24
--	--	--	37	10-05-1951	--	--	--	--	--	--	KE Be 25
--	--	--	--	--	--	--	--	--	--	--	KE Be 26
--	--	--	47.97	10-16-1951	--	--	--	--	--	--	KE Be 27
--	--	--	18	03-21-1952	--	--	--	--	--	--	KE Be 28
--	--	--	16	03-21-1952	--	--	--	--	--	--	KE Be 29
--	--	--	16	03-21-1952	150	24	6.25	6	--	--	KE Be 30
--	--	--	17	03-21-1952	--	--	--	--	--	--	KE Be 31

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Be 32	KE-00-9549	Fuchs, J	M A Pentz	02-28-1952	60	105	105	H	125AQUI
KE Be 33	KE-00-9911	Cochran, Eliza P	Ennis Bros	04-23-1952	65	73.2	73.2	H	125AQUI
KE Be 34	--	Southern States Coop	--	--	65	169.5	169.5	U	211MNMT
KE Be 35	KE-67-0102	Mt Harmony Church	W F Stewart	11-12-1966	75	76	76	H	125AQUI
KE Be 36	KE-03-5562	Angelica Nurseries	Ennis Bros	07-24-1959	55	59.5	59.5	C	125AQUI
KE Be 37	KE-05-2054	Angelica Nurseries	Delmarva	08-01-1963	55	223	223	U	--
KE Be 38	KE-66-0056	Angelica Nurseries	Delmarva	01-17-1966	50	80	70	U	125AQUI
KE Be 39	--	Angelica Nurseries	Delmarva	04-20-1966	60	215	215	U	--
KE Be 40	--	Angelica Nurseries	--	--	50	--	--	-	--
KE Be 41	KE-67-0040	Angelica Nurseries	Delmarva	10-26-1966	60	204	204	I	125AQUI
KE Be 42	KE-67-0151	Angelica Nurseies	Delmarva	06-08-1967	60	170	150	U	125AQUI
KE Be 43	KE-73-0659	U.S. Geological Survey	Sydnor Hydro	12-07-1978	65	1672	297	U	211MGTY
KE Be 44	--	U.S. Geological Survey	Hardin Assoc	01-30-1981	70	15	--	U	112CLMB
KE Be 45	KE-73-1167	Angelica Nurseries	Delmarva	--	70	--	--	I	--
KE Be 46	KE-73-0899	Merrit, Willis	Delmarva	08-01-1979	64	55	50	H	125AQUI
KE Be 47	KE-81-0943	U.S. Geological Survey	USGS	06-22-1988	66	30	24	U	112CLMB
KE Be 48	KE-81-0937	U.S. Geological Survey	USGS	06-21-1988	77.03	45	18	U	112CLMB
KE Be 49	KE-81-0938	U.S. Geological Survey	USGS	06-22-1988	73.64	30	25	U	112CLMB
KE Be 50	KE-81-0939	U.S. Geological Survey	USGS	06-20-1988	70.17	35	22	U	112CLMB
KE Be 51	KE-81-0940	U.S. Geological Survey	USGS	06-22-1988	70.01	35	27	U	112CLMB
KE Be 52	KE-81-0941	U.S. Geological Survey	USGS	06-20-1988	74.72	50	36	U	112CLMB
KE Be 53	--	U.S. Geological Survey	USGS	06-20-1988	74.61	25	22	U	--
KE Be 54	KE-81-0945	U.S. Geological Survey	USGS	06-22-1988	66	35	23	U	--
KE Be 55	--	U.S. Geological Survey	USGS	01-26-1989	66.45	--	20	U	112CLMB
KE Be 56	KE-81-1241	U.S. Geological Survey	USGS	05-04-1989	74.53	30	27	U	125AQUI
KE Be 57	KE-81-1227	U.S. Geological Survey	USGS	05-04-1989	72.09	55	51	U	125AQUI
KE Be 58	--	U.S. Geological Survey	USGS	05-04-1989	72.09	30	26	U	125AQUI
KE Be 59	--	U.S. Geological Survey	USGS	05-05-1989	71.36	30	26.5	U	125AQUI
KE Be 60	--	U.S. Geological Survey	USGS	05-05-1989	78.12	30	26.5	U	125AQUI
KE Be 61	KE-81-1242	U.S. Geological Survey	USGS	05-05-1989	74.58	60	50.5	U	125AQUI
KE Be 62	KE-81-1252	U.S. Geological Survey	USGS	05-04-1989	60.7	30	25.5	U	125AQUI
KE Be 63	KE-81-1251	U.S. Geological Survey	USGS	05-05-1989	45.09	40	39.5	U	125AQUI
KE Be 64	--	U.S. Geological Survey	USGS	05-04-1989	45.11	20	16	U	125AQUI
KE Be 65	KE-81-1226	U.S. Geological Survey	USGS	05-04-1989	49	25	22	U	125AQUI
KE Be 66	KE-69-0009	Gustafson, William E	Shore	09-16-1968	25	124	124	H	125AQUI
KE Be 67	KE-81-0027	Freeman, Leona	Kelley Drlg	08-03-1982	70	95	95	H	125AQUI
KE Be 68	KE-73-0529	Freeman, Robert	W F Stewart	12-02-1976	70	100	100	H	125AQUI
KE Be 69	KE-73-0790	Crow, R Thomas Jr	Shore	09-15-1978	65	100	100	H	125AQUI
KE Be 70	KE-81-0141	Crow, Roy	Middletown	08-12-1983	70	130	130	H	125AQUI
KE Be 71	KE-66-0091	Quinn, Leonard	W F Stewart	03-25-1966	70	105	105	H	125AQUI
KE Be 72	KE-66-0092	Quinn, Leonard	W F Stewart	03-17-1966	70	112	112	H	125AQUI
KE Be 73	KE-81-0286	Quinn, Leonard	Kelley Drlg	11-02-1984	65	105	105	H	125AQUI
KE Be 74	KE-81-0413	Engelbrecht, Mark	Kelley Drlg	10-23-1985	65	97	97	H	125AQUI
KE Be 75	KE-81-0959	King, Frank V	Lifetime	06-02-1988	75	70	70	H	112CLMB
KE Be 76	KE-81-0678	Price, Floyd	American	04-25-1987	70	161	161	I	125AQUI
KE Be 77	KE-81-0714	Taylor, Edward L	Kelley Drlg	06-30-1987	75	80	80	H	125AQUI
KE Be 78	KE-81-0431	Angelica Nurseries	Delmarva	12-13-1985	75	70	70	H	125AQUI
KE Be 79	KE-73-1094	Angelica Nurseries	Delmarva	09-23-1981	75	171	170	I	125AQUI
KE Be 80	KE-73-0731	Usilton, Donney H	Kelley Drlg	05-19-1978	70	80	80	H	125AQUI
KE Be 81	KE-73-0322	Angelica Nurseries	Ideal	04-14-1975	60	184	184	I	125AQUI
KE Be 82	KE-81-0188	Angelica Nurseries	Shore	02-01-1984	55	108	108	H	125AQUI
KE Be 83	KE-81-0080	Angelica Nurseries	Shore	03-05-1983	55	105	105	C	125AQUI
KE Be 84	KE-81-0175	Kohl, Bernard Jr	Shore	02-01-1984	50	173	173	H	125AQUI
KE Be 85	KE-73-0554	Owings & Sons Inc	American	04-21-1977	50	203	203	I	125AQUI
KE Be 86	KE-81-0221	Owings & Sons Inc	Kelley Drlg	05-10-1984	50	100	100	H	125AQUI
KE Be 87	KE-81-0301	Owings & Sons Inc	Kelley Drlg	03-27-1985	45	83	83	H	125AQUI
KE Be 88	KE-73-1080	Owings & Sons Inc	Kelley Drlg	02-13-1981	50	75	75	H	125AQUI
KE Be 89	KE-81-0813	Fernwalt, Brent	Kelley Drlg	03-03-1988	40	68	68	H	125AQUI
KE Be 90	KE-02-1726	Wilson, William R Jr	M A Pentz	12-16-1955	65	150	150	H	125AQUI
KE Be 91	KE-81-0280	Bateman, Ralph	Kelley Drlg	12-18-1984	40	100	100	H	125AQUI
KE Be 92	KE-70-0030	Owings & Sons Inc	Shore	01-26-1970	40	133	133	H	125AQUI
KE Be 93	KE-73-0555	Stoltzfus, Amos	W F Stewart	04-18-1977	60	99	99	A	125AQUI
KE Be 94	KE-81-0081	Lepter, Alfred	Shore	04-01-1983	60	109	109	H	125AQUI
KE Be 95	KE-73-0715	Pond View Farms	American	12-24-1978	70	81	80	U	125AQUI
KE Be 96	KE-73-0717	Pond View Farms	American	02-02-1979	70	162	162	I	125AQUI
KE Be 97	KE-04-0929	Lepter, Michael	Middletown	10-21-1960	65	74	74	U	125AQUI
KE Be 98	KE-73-0214	Holding, John	W F Stewart	05-08-1974	65	72	72	H	112CLMB
KE Be 99	KE-73-1179	Creed	Kelley Drlg	07-09-1982	65	85	82	H	125AQUI
KE Be 100	KE-04-9392	Atwell, Clifton	M A Pentz	12-20-1962	70	171	171	H	125AQUI
KE Be 101	KE-81-0510	Price, Floyd	American	05-20-1986	70	100	97	I	125AQUI
KE Be 102	KE-81-0833	Langenfelder, Conrad	Shore	07-14-1988	75	122	122	H	125AQUI
KE Be 103	KE-03-1071	Langenfelder, Conrad	Ennis Bros	06-14-1958	75	375	373	S	211MGTY
KE Be 104	KE-69-0111	Langenfelder, Conrad	W F Stewart	06-20-1969	75	103	103	U	125AQUI
KE Be 105	--	Langenfelder, Conrad	--	--	75	27	27	U	112CLMB
KE Be 106	KE-81-0816	Fernwalt, Scott C	Kelley Drlg	02-15-1988	65	100	100	H	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
96	105	3	26	02-28-1952	20	9	2.22	2	02-28-1952	--	KE Be 32
63.9	73.2	--	33.5	04-23-1952	30	26.5	1.13	--	04-23-1952	--	KE Be 33
--	--	--	24.88	09-24-1956	--	--	--	--	--	--	KE Be 34
64	76	2	25	11-12-1966	30	50	0.60	5	11-12-1966	--	KE Be 35
54.5	59.5	--	20	07-24-1959	60	33	1.82	8	07-24-1959	--	KE Be 36
16	223	13	19	08-01-1963	1297	58	22.36	120	08-01-1963	--	KE Be 37
50	70	6	18	01-17-1966	30	4	7.50	2	01-17-1966	--	KE Be 38
35	215	17	25	04-20-1966	1300	--	--	--	01-24-1967	--	KE Be 39
--	--	--	--	--	--	--	--	--	--	--	KE Be 40
124	204	17	34	10-26-1966	955	34	28.09	3	10-26-1966	--	KE Be 41
60	150	6	23	06-08-1967	100	22	4.55	3	06-08-1967	--	KE Be 42
275	285	4	54	12-07-1978	10	154	0.06	4	12-07-1978	C,L,O,Q	KE Be 43
--	--	--	--	--	--	--	--	--	--	C	KE Be 44
--	--	--	--	--	--	--	--	--	--	--	KE Be 45
40	50	4	--	--	30	7	4.30	2	08-01-1979	--	KE Be 46
21	24	2	14.4	07-13-1988	--	--	--	--	--	L	KE Be 47
16	18	2	--	--	--	--	--	--	--	L	KE Be 48
22	25	2	--	--	--	--	--	--	--	L,O	KE Be 49
20	22	2	--	--	--	--	--	--	--	L,O	KE Be 50
24	27	2	--	--	--	--	--	--	--	L,O	KE Be 51
33	36	2	--	--	--	--	--	--	--	L,O	KE Be 52
20	22	2	--	--	--	--	--	--	--	O	KE Be 53
21	23	2	--	--	--	--	--	--	--	L	KE Be 54
17	20	2	--	--	--	--	--	--	--	O	KE Be 55
24	27	2	--	--	--	--	--	--	--	O	KE Be 56
48	51	2	--	--	--	--	--	--	--	O	KE Be 57
23	26	2	--	--	--	--	--	--	--	O	KE Be 58
23.5	26.5	2	--	--	--	--	--	--	--	O	KE Be 59
24.5	26.5	2	--	--	--	--	--	--	--	O	KE Be 60
47.5	50.5	2	--	--	--	--	--	--	--	O	KE Be 61
22.5	25.5	2	--	--	--	--	--	--	--	O	KE Be 62
36.5	39.5	2	--	--	--	--	--	--	--	O	KE Be 63
13	16	2	--	--	--	--	--	--	--	O	KE Be 64
19	22	2	--	--	--	--	--	--	--	O	KE Be 65
119	124	3	23	09-16-1968	10	39	0.26	8	09-16-1968	--	KE Be 66
85	95	4	30	08-03-1982	20	30	0.67	5	08-03-1982	--	KE Be 67
95	100	3	31	12-02-1976	50	49	1.02	4	12-02-1976	--	KE Be 68
95	100	3	15	09-15-1978	25	27	0.93	8	09-15-1978	--	KE Be 69
122	130	3	14	08-12-1983	25	86	0.29	2	08-12-1983	--	KE Be 70
95	105	2	26	03-25-1966	45	78	0.58	6	03-25-1966	--	KE Be 71
106	112	2	32	03-17-1966	60	78	0.77	6	03-17-1966	--	KE Be 72
97	105	4	10.8	03-13-1990	35	40	0.88	3	11-02-1984	--	KE Be 73
87	97	4	15	10-23-1985	25	55	0.45	3	10-23-1985	--	KE Be 74
58	70	4	20	06-02-1988	50	25	2.00	5	06-02-1988	--	KE Be 75
26	146	16	8	04-25-1987	110	5	22.00	2	04-25-1987	--	KE Be 76
70	80	4	15.41	03-13-1990	25	20	1.25	3	06-30-1987	--	KE Be 77
55	70	4	20.45	03-15-1990	35	4	8.75	2	12-13-1985	--	KE Be 78
100	170	16	21	09-23-1981	260	69	3.77	2	09-23-1981	--	KE Be 79
70	80	4	17.66	03-15-1990	30	36	0.83	3	05-19-1978	--	KE Be 80
84	184	12	12	04-14-1975	800	58	13.79	6	04-14-1975	--	KE Be 81
93	108	6	17	02-01-1984	60	63	0.95	10	02-01-1984	--	KE Be 82
80	105	6	23	03-05-1983	150	57	2.63	8	03-05-1983	--	KE Be 83
163	173	3	14.02	03-15-1990	30	44	0.68	8	02-01-1984	--	KE Be 84
143	203	15	36	04-21-1977	715	38	18.82	2	04-21-1977	--	KE Be 85
85	100	4	35	05-10-1984	20	35	0.57	3	05-10-1984	--	KE Be 86
70	83	4	16.08	03-15-1990	45	40	1.13	3	03-27-1985	--	KE Be 87
67	75	4	20	02-13-1981	30	30	1.00	3	02-13-1981	--	KE Be 88
60	68	4	10	03-03-1988	20	20	1.00	2	03-03-1988	--	KE Be 89
88	150	4	47	12-16-1955	30	13	2.31	3	12-16-1955	--	KE Be 90
90	100	4	30	12-18-1984	12	40	0.30	3	12-18-1984	--	KE Be 91
128	133	3	30	01-26-1970	20	80	0.25	10	01-26-1970	--	KE Be 92
89	99	2	20.77	03-15-1990	4	68	0.06	3	04-18-1977	O	KE Be 93
104	109	3	18.77	03-15-1990	25	19	1.32	6	04-01-1983	--	KE Be 94
55	75	4	16	12-24-1978	25	5	5.00	2	12-24-1978	--	KE Be 95
80	160	16	25	02-02-1979	20	75	0.27	1	02-02-1979	--	KE Be 96
66	74	4	27	10-21-1960	20	36	0.56	3	10-21-1960	--	KE Be 97
63	72	3	19	05-08-1974	30	53	0.57	4	05-08-1974	--	KE Be 98
76	82	4	28	07-09-1982	25	32	0.78	3	07-09-1982	--	KE Be 99
122	171	4	29	12-20-1962	10	7	1.43	2	12-20-1962	--	KE Be 100
57	97	8	13	05-20-1986	40	13	3.08	2	05-20-1986	--	KE Be 101
112	122	2	19.99	03-23-1990	30	69	0.43	6	07-14-1988	--	KE Be 102
368	373	--	64	06-14-1958	40	71	0.56	16	06-14-1958	--	KE Be 103
91	103	2.5	18.53	03-23-1990	20	73	0.27	8	06-20-1969	O	KE Be 104
--	--	--	20.33	03-23-1990	--	--	--	--	--	O	KE Be 105
90	100	4	22	02-15-1988	10	38	0.26	3	02-15-1988	--	KE Be 106

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Be 107	KE-81-0421	Weinreich, William	Kelley Drlg	11-12-1985	60	100	100	H	125AQUI
KE Be 108	KE-81-0688	Pechin, Joseph	Kelley Drlg	04-13-1987	60	80	80	H	125AQUI
KE Be 109	KE-81-0840	McKee, Robert	Kelley Drlg	11-27-1987	50	100	100	H	125AQUI
KE Be 110	KE-05-1508	Lusby, James	W F Stewart	05-22-1963	65	95	95	H	125AQUI
KE Be 111	KE-81-0030	Jones, Lawrence	Delmarva	08-05-1982	60	190	190	H	211MNMT
KE Be 112	KE-67-0059	Vonnie's Restaurant	W F Stewart	09-07-1966	76	71	71	C	125AQUI
KE Be 113	KE-81-0002	Vonnie's Restaurant	Delmarva	05-21-1982	76	182	180	C	211MNMT
KE Be 114	KE-01-3787	Miller, Ralph E	Ennis Bros	11-12-1953	70	73	70.9	H	125AQUI
KE Be 115	KE-73-0929	Nau, Charles F Jr	American	10-10-1979	65	80	80	H	125AQUI
KE Be 116	KE-73-1197	Nau, Kenneth	Delmarva	06-11-1982	65	190	190	H	125AQUI
KE Be 117	KE-70-0011	Nau, Charles E	W F Stewart	05-15-1970	70	80	80	H	125AQUI
KE Be 118	KE-73-0603	Nau, Charles E	American	06-08-1977	70	100	98	S	125AQUI
KE Be 119	KE-66-0074	Miller, Charles	Shore	12-18-1965	75	101	101	H	125AQUI
KE Be 120	KE-81-0239	Owings & Sons Inc	Kelley Drlg	03-00-1985	40	83	83	U	125AQUI
KE Be 121	KE-81-0571	King, Glennwood	Kelley Drlg	08-12-1986	35	80	80	H	125AQUI
KE Be 122	QA-73-1099	Bennett, Michael	Lifetime	11-24-1975	30	126	126	H	125AQUI
KE Be 123	KE-73-0599	Stryckning, Andrew	M A Pentz	07-08-1977	70	76	76	H	112CLMB
KE Be 124	KE-02-6730	Stradley, J Allen	W F Stewart	05-31-1957	70	76	76	H	112CLMB
KE Be 125	KE-73-0585	Susen, William	Kelley Drlg	06-14-1977	65	65	62	H	125AQUI
KE Be 126	KE-04-5903	Maloney, Joseph	Middletown	01-26-1962	70	165	165	H	125AQUI
KE Be 127	KE-04-5934	King, William	Middletown	01-31-1962	65	165	165	H	211MNMT
KE Be 128	KE-81-0829	Huffer, William	American	10-20-1987	60	65	65	H	125AQUI
KE Be 129	KE-81-0283	Silcox, John H	Kelley Drlg	03-19-1985	40	100	100	H	125AQUI
KE Be 130	KE-73-1059	Silcox, John	Shore	12-22-1980	40	100	100	H	125AQUI
KE Be 131	KE-01-2677	Lusby, Edgar	M A Pentz	07-10-1953	65	150	150	U	211MNMT
KE Be 132	KE-81-0956	Hill, Julian	Kelley Drlg	06-08-1988	70	200	200	H	211MNMT
KE Be 133	KE-02-2083	Hill, Julian	M A Pentz	02-10-1956	70	187	187	H	211MNMT
KE Be 134	KE-02-6885	Kennedyville Fire Co	M A Pentz	06-27-1957	65	190	190	F	211MNMT
KE Be 135	KE-67-0132	Kent Co Sanitary Comm	Shore	04-01-1967	65	191	191	P	211MNMT
KE Be 136	KE-70-0018	McHenry, Joseph & Sons	Shore	10-30-1969	60	186	186	H	211MNMT
KE Be 137	KE-67-0063	Conley, George C	W F Stewart	09-16-1966	65	57	57	H	125AQUI
KE Be 138	KE-04-2094	Yetman, Lawrence A	W F Stewart	03-14-1961	80	76	76	H	125AQUI
KE Be 139	KE-81-0753	Haggerty, Gerry W	American	09-14-1987	75	180	180	H	211MNMT
KE Be 140	KE-02-2836	Koppelman, George E	Ennis Bros	04-20-1956	75	64	64	H	125AQUI
KE Be 141	KE-73-0003	Vonnie's Motel	Middletown	09-30-1972	75	206	206	C	211MNMT
KE Be 142	KE-68-0091	Wright, Allen	W F Stewart	05-29-1968	80	71	71	H	125AQUI
KE Be 143	KE-73-0100	Hopkins, George B	Shore	11-23-1973	65	179	179	H	211MNMT
KE Be 144	KE-73-1116	McCahn, William	Kelley Drlg	07-13-1981	70	100	98	H	125AQUI
KE Be 145	KE-81-0386	Hardin, Carl	Lifetime	08-29-1985	70	82	82	H	125AQUI
KE Be 146	KE-73-0784	Moore, James	Kelley Drlg	08-28-1978	70	85	85	H	125AQUI
KE Be 147	KE-81-1188	Miller, Harold	Lifetime	04-11-1989	75	100	100	H	125AQUI
KE Be 148	KE-81-1178	Langenfelder, Conrad	Shore	03-27-1989	75	122	122	Z	125AQUI
KE Be 149	KE-67-0027	Meeks, Edgar R	Shore	11-22-1966	65	124	124	H	125AQUI
KE Be 150	KE-81-1331	Lusby, Edgar	American	08-31-1989	70	210	210	H	211MNMT
KE Be 151	KE-81-1036	Foxwell, John	Lifetime	10-17-1988	35	263	263	H	211MNMT
KE Be 152	KE-81-1017	Crow, Robert T Sr	Shore	08-15-1988	70	107	107	S	125AQUI
KE Be 153	KE-81-1113	Angelica Nurseries	American	11-04-1988	75	95	92	U	112CLMB
KE Be 154	KE-81-1117	Angelica Nurseries	American	11-07-1988	75	193	193	U	125AQUI
KE Be 155	KE-81-1056	Angelica Nurseries	Shore	10-17-1988	60	92	92	C	211MNMT
KE Be 156	KE-88-0054	U.S. Geological Survey	USGS	10-14-1990	38	20	14	U	125AQUI
KE Be 157	KE-88-0053	U.S. Geological Survey	USGS	10-14-1990	43	25	18	U	125AQUI
KE Be 158	KE-88-0048	U.S. Geological Survey	USGS	10-14-1990	65	40	34	U	125AQUI
KE Be 159	KE-88-0045	U.S. Geological Survey	USGS	10-15-1990	45.27	70	68.5	U	125AQUI
KE Be 160	KE-88-0044	U.S. Geological Survey	USGS	10-15-1990	45.23	45	38	U	125AQUI
KE Be 161	KE-88-0046	U.S. Geological Survey	USGS	10-15-1990	45.18	25	19	U	125AQUI
KE Be 162	KE-88-0035	U.S. Geological Survey	USGS	10-16-1990	61.02	70	67	U	125AQUI
KE Be 163	KE-88-0036	U.S. Geological Survey	USGS	10-16-1990	60.84	45	43	U	125AQUI
KE Be 164	KE-88-0031	U.S. Geological Survey	USGS	10-16-1990	71.4	50	48	U	125AQUI
KE Be 165	KE-88-0028	U.S. Geological Survey	USGS	10-17-1990	65.65	50	48	U	125AQUI
KE Be 166	KE-88-0029	U.S. Geological Survey	USGS	10-17-1990	65.81	35	28	U	125AQUI
KE Be 167	KE-88-0030	U.S. Geological Survey	USGS	10-17-1990	65.92	25	18	U	125AQUI
KE Be 168	KE-81-1169	Angelica Nurseries	American	03-23-1989	75	186	186	I	125AQUI
KE Be 169	KE-88-0125	U.S. Geological Survey	USGS	02-06-1991	38.71	5.5	5.5	U	112CLMB
KE Be 170	KE-88-0126	U.S. Geological Survey	USGS	02-06-1991	40.3	6.9	6.9	U	112CLMB
KE Be 171	KE-88-0257	Md Geological Survey	Md Wtr Rsrc	09-10-1991	41.41	450	440	U	217PTMC
KE Be 172	--	--	--	--	33	--	--	-	125AQUI
KE Be 173	--	--	USGS	10-10-1991	33	3.5	3.5	-	--
KE Be 174	--	--	--	--	35	2	2	U	112CLMB
KE Be 175	--	--	--	--	35	2	2	U	--
KE Be 176	--	--	--	--	58	2.3	2.3	U	--
KE Be 177	--	--	--	--	30	3	3	U	--
KE Be 178	--	--	--	--	45	4.5	4.5	U	--
KE Be 179	--	--	USGS	04-03-1992	55	2.6	2.6	U	--
KE Be 180	--	--	USGS	04-03-1992	45	4.6	4.6	U	--
KE Bf 1	KE-00-4080	Leager, Julian E	Middletown	00-00-1949	30	105	105	C	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
92	100	4	13.84	03-23-1990	20	45	0.44	3	11-12-1985	O	KE Be 107
70	80	4	26	04-13-1987	20	14	1.43	3	04-13-1987	--	KE Be 108
90	100	4	22.96	03-23-1990	10	60	0.17	3	11-27-1987	--	KE Be 109
90	95	2	22	05-22-1963	30	40	0.75	6	05-23-1963	--	KE Be 110
168	178	4	27	08-05-1982	27.5	53	0.52	2	08-05-1982	--	KE Be 111
64	71	2	31	09-07-1966	20	39	0.51	4	09-07-1966	--	KE Be 112
168	178	4	40	05-21-1982	25	35	0.71	2	05-21-1982	Q	KE Be 113
65.9	70.9	--	36.5	11-12-1953	17	31.5	0.54	8	11-12-1953	--	KE Be 114
58	78	6	19.64	03-23-1990	10	5	2.00	4	10-10-1979	--	KE Be 115
168	178	4	29	06-11-1982	25	37	0.68	2.5	06-11-1982	--	KE Be 116
75	80	--	23	05-15-1970	20	53	0.38	4	05-15-1970	--	KE Be 117
78	98	4	24	06-08-1977	50	50	1.00	3	06-08-1977	--	KE Be 118
96	101	3	17.03	03-23-1990	30	47	0.64	8	12-18-1965	--	KE Be 119
73	83	4	25	03-00-1985	45	40	1.13	3	03-00-1985	--	KE Be 120
75	80	4	20	08-12-1986	15	30	0.50	3	08-12-1986	--	KE Be 121
106	126	4	20.23	06-11-1990	18	17	1.06	6	11-24-1975	--	KE Be 122
70	76	--	42	07-08-1977	15	27	0.56	2	07-08-1977	--	KE Be 123
64	76	2	40	05-31-1957	40	9	4.44	8	05-31-1957	--	KE Be 124
57	62	4	27	06-14-1977	8	23	0.35	3	06-14-1977	--	KE Be 125
112	165	--	30.5	01-26-1962	30	39.5	0.76	4	01-26-1962	--	KE Be 126
103	165	--	20.89	06-11-1990	40	33	1.21	4	01-31-1962	O	KE Be 127
50	60	4	33.9	06-11-1990	10	24	0.42	3	10-20-1987	--	KE Be 128
90	100	4	25	03-19-1985	15	45	0.33	3	03-19-1985	--	KE Be 129
95	100	3	26	12-22-1980	20	33	0.61	8	12-22-1980	--	KE Be 130
112	150	4	31	07-10-1953	50	14	3.57	2	07-10-1953	C	KE Be 131
180	200	4	36	06-08-1988	25	44	0.57	3	06-08-1988	--	KE Be 132
106	187	3	39	02-10-1956	70	22	3.18	2	02-10-1956	--	KE Be 133
117	190	6	32	06-27-1957	100	38	2.63	3	06-27-1957	--	KE Be 134
164	184	6	28	04-01-1967	90	67	1.34	24	04-01-1967	--	KE Be 135
176	186	--	33	10-30-1969	35	51	0.69	10	10-30-1969	--	KE Be 136
52	57	4	13.63	06-19-1990	10	36	0.28	8	09-16-1966	O	KE Be 137
63	76	2	21	03-14-1961	30	42	0.71	6	03-14-1961	--	KE Be 138
167	177	4	30	09-14-1987	20	90	0.22	8	09-14-1987	--	KE Be 139
53	64	5	26	04-20-1956	30	23	1.30	16	04-20-1956	--	KE Be 140
118	206	--	29	09-30-1972	50	71	0.70	4	09-30-1972	--	KE Be 141
64	71	2	29	05-29-1968	20	41	0.49	6	05-29-1968	--	KE Be 142
174	179	3	44	11-23-1973	30	61	0.49	8	11-23-1973	--	KE Be 143
86	98	4	20.6	06-26-1990	15	52	0.29	3	07-13-1981	O	KE Be 144
66	82	4	16	08-29-1985	60	24	2.50	5	08-29-1985	--	KE Be 145
79	85	4	20.47	06-26-1990	12	35	0.34	3	08-28-1978	--	KE Be 146
88	100	4	30	04-11-1989	50	50	1.00	5	04-11-1989	--	KE Be 147
112	122	2	22.02	03-23-1990	20	74	0.27	6	03-27-1989	--	KE Be 148
119	124	3	26.9	03-23-1990	9	63	0.14	8	11-22-1966	--	KE Be 149
200	210	4	35.43	06-11-1990	10	34	0.29	5	08-31-1989	O	KE Be 150
243	263	2	45	10-17-1988	30	55	0.55	5	10-17-1988	--	KE Be 151
97	107	2	18.32	03-13-1990	40	50	0.80	6	08-15-1988	--	KE Be 152
52	92	4	26	11-04-1988	60	64	0.94	3	11-04-1988	--	KE Be 153
142	182	4	--	--	40	--	--	2	11-07-1988	--	KE Be 154
77	92	4	24	10-17-1988	60	41	1.46	10	10-17-1988	--	KE Be 155
11	14	2	--	--	--	--	--	--	--	L	KE Be 156
15	18	2	--	--	--	--	--	--	--	L	KE Be 157
31	34	2	--	--	--	--	--	--	--	L	KE Be 158
65.5	68.5	2	--	--	--	--	--	--	--	L	KE Be 159
35	38	2	--	--	--	--	--	--	--	--	KE Be 160
16	19	2	--	--	--	--	--	--	--	O	KE Be 161
64	67	2	--	--	--	--	--	--	--	L	KE Be 162
40	43	2	--	--	--	--	--	--	--	--	KE Be 163
45	48	2	--	--	--	--	--	--	--	L	KE Be 164
45	48	2	--	--	--	--	--	--	--	L	KE Be 165
25	28	2	--	--	--	--	--	--	--	--	KE Be 166
15	18	2	--	--	--	--	--	--	--	--	KE Be 167
140	180	10	27.5	03-23-1989	396	66	6.00	4.5	03-23-1989	--	KE Be 168
2.5	5.5	2	--	--	--	--	--	--	--	--	KE Be 169
3.9	6.9	2	--	--	--	--	--	--	--	--	KE Be 170
425	435	4	39.64	10-24-1991	94	45.72	2.06	6	12-20-1991	C,L,O,Q	KE Be 171
--	--	--	--	--	--	--	--	--	--	--	KE Be 172
3.4	3.5	--	-1.3	10-10-1991	--	--	--	--	--	--	KE Be 173
--	--	--	--	--	--	--	--	--	--	--	KE Be 174
--	--	--	--	--	--	--	--	--	--	--	KE Be 175
--	--	--	--	--	--	--	--	--	--	--	KE Be 176
--	--	--	--	--	--	--	--	--	--	--	KE Be 177
--	--	--	--	--	--	--	--	--	--	--	KE Be 178
2.5	2.6	--	--	--	--	--	--	--	--	--	KE Be 179
4.5	4.6	--	--	--	--	--	--	--	--	--	KE Be 180
40	105	--	8	00-00-1949	12	12	1.00	8	00-00-1949	Q	KE Bf 1

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Bf 2	KE-00-2586	Chance, Dudley	Ennis Bros	05-00-1948	65	100	100	U	125AQUI
KE Bf 3	--	Jarman, Elmer	Simons	00-00-1943	55	32	32	U	112CLMB
KE Bf 4	--	Jarman, Elmer	--	--	55	65	65	U	112CLMB
KE Bf 5	--	Hallett, John W	--	--	60	28	28	S	112CLMB
KE Bf 6	KE-00-2837	Hallett, John W	Ennis Bros	07-00-1948	60	128.7	128.7	H	125AQUI
KE Bf 7	--	Thomas, Winston	W Thomas	--	65	12.3	12.3	H	112CLMB
KE Bf 8	--	Carriage Country Club	--	00-00-1900	10	7.3	7.3	U	112CLMB
KE Bf 9	KE-00-1759	Hare, Russell I	M A Pentz	08-21-1947	60	130	130	H	125AQUI
KE Bf 10	--	Hare, Russell I	M A Pentz	00-00-1941	60	65	65	H	125AQUI
KE Bf 11	--	Walls, Edward R	M A Pentz	00-00-1947	45	65	65	H	125AQUI
KE Bf 12	--	Walls, Edward R	--	--	45	--	--	U	--
KE Bf 13	--	Millington Bank of Md	--	00-00-1907	25	105	105	U	125AQUI
KE Bf 14	--	Stevens, B B	--	00-00-1907	25	102	102	U	125AQUI
KE Bf 15	--	Higgman, J E	M A Pentz	00-00-1907	20	102	102	H	125AQUI
KE Bf 16	--	Higgman, H L	M A Pentz	00-00-1907	20	99	99	H	125AQUI
KE Bf 17	KE-00-9295	Millington Fire Co	Middletown	05-00-1951	25	162	162	H	125AQUI
KE Bf 18	KE-00-9294	Hollett, Charles L	Middletown	05-00-1951	30	106	106	H	125AQUI
KE Bf 19	--	VanSant, Edward	--	--	25	87.7	87.7	U	125AQUI
KE Bf 20	--	Shahan, William	--	--	60	30	30	U	112CLMB
KE Bf 21	--	Atkinson, V S	--	--	65	26	26	H	112CLMB
KE Bf 22	--	--	--	--	60	15.85	15.85	H	112CLMB
KE Bf 23	--	Coleman, W A	--	--	65	18.27	18.27	H	112CLMB
KE Bf 24	--	Schelts, B K	--	--	77	25.5	25.45	U	112CLMB
KE Bf 25	--	Chance, W W	--	--	65	30.15	30.15	H	112CLMB
KE Bf 26	--	Turner, Dewey	--	--	65	22.9	22.9	H	112CLMB
KE Bf 27	--	Clough, Norman	--	--	45	25	25	U	112CLMB
KE Bf 28	--	Wicks, Paul W	--	--	75	30	30	U	112CLMB
KE Bf 29	--	Wicks, Paul W	Ennis Bros	00-00-1945	75	130	130	H	125AQUI
KE Bf 30	--	Walters, E Clarke	--	--	85	21.6	21.6	U	112CLMB
KE Bf 31	--	Leager, William D	--	--	80	23.4	21.45	U	112CLMB
KE Bf 32	--	Leager, Seaford	--	--	70	23.44	23.44	U	112CLMB
KE Bf 33	--	Everett, Dudley	--	--	65	10.14	10.14	H	112CLMB
KE Bf 34	--	Neff, Walter Jr	--	--	65	18.54	18.54	U	112CLMB
KE Bf 35	--	Neff, Walter Jr	--	--	65	20.3	20.3	U	112CLMB
KE Bf 36	--	Warrington, Steve	--	--	65	23	23	U	112CLMB
KE Bf 37	--	Price, Louis	--	--	70	12	12	U	112CLMB
KE Bf 38	KE-00-9300	Boyer, Ruth	Middletown	01-00-1951	10	55	55	H	125AQUI
KE Bf 39	KE-01-0073	VanSant, Edward	Jerome Unruh	06-15-1952	25	85	85	H	125AQUI
KE Bf 40	KE-00-9851	Brinsfield, J	M A Pentz	05-02-1952	70	130	130	H	125AQUI
KE Bf 41	KE-00-8990	Porter	Middletown	11-02-1951	25	86	86	H	125AQUI
KE Bf 42	KE-01-4392	McCauley, Margaret	M A Pentz	03-01-1954	70	153	153	H	125AQUI
KE Bf 43	KE-66-0069	Red Lion Flr Coverings	Middletown	12-06-1965	30	125	125	U	125AQUI
KE Bf 44	KE-66-0095	John Wesley U Meth Ch	Delmarva	02-19-1966	15	60	60	H	125AQUI
KE Bf 45	--	Starkey Farms	Delmarva	00-00-1966	40	200	--	U	--
KE Bf 46	KE-68-0057	Red Lion Flr Coverings	Shore	01-25-1968	30	173	173	C	125AQUI
KE Bf 47	KE-81-0912	Owings & Sons Inc	Kelley Drlg	11-09-1988	50	95	95	H	125AQUI
KE Bf 48	KE-81-0294	Gsell, Thomas	Delmarva	01-11-1985	65	100	100	H	125AQUI
KE Bf 49	KE-71-0052	Ford, Mrs Herbert	Shore	12-15-1970	75	162	162	H	125AQUI
KE Bf 50	KE-81-0086	Wicks, Rhonda L	Shore	04-13-1983	60	82	82	H	125AQUI
KE Bf 51	KE-66-0148	Rudnick, Harry	Delmarva	05-21-1966	70	71	65	H	125AQUI
KE Bf 52	KE-67-0035	Walters, E Clarke	Shore	10-13-1966	80	152	152	H	125AQUI
KE Bf 53	KE-81-0609	Leager, Seaford	Lifetime	10-28-1986	70	170	170	H	125AQUI
KE Bf 54	KE-04-0928	Shivery, Claude	Middletown	10-27-1960	65	85	85	H	125AQUI
KE Bf 55	KE-02-2033	Hopkins, William	J W Baker	04-08-1956	65	85	85	H	125AQUI
KE Bf 56	KE-81-0704	Kokan, Lucelle	Kelley Drlg	05-11-1987	70	80	80	H	125AQUI
KE Bf 57	KE-73-0237	Simpler, David A	Shore	07-12-1974	70	179	179	H	125AQUI
KE Bf 58	KE-71-0037	Wright, James	Shore	11-10-1970	65	192	192	H	125AQUI
KE Bf 59	KE-73-0505	Drury, Roger H	Shore	12-21-1976	65	173	173	H	125AQUI
KE Bf 60	KE-73-1175	Edwards, Samuel W	Kelley Drlg	07-08-1982	65	120	118	H	125AQUI
KE Bf 61	KE-73-0558	Edwards, Anna M	Kelley Drlg	04-12-1977	65	62	62	H	125AQUI
KE Bf 62	KE-73-0146	Turner, Gene	Shore	09-28-1973	65	153	153	H	125AQUI
KE Bf 63	KE-73-0258	Walters, Douglas B	M A Pentz	08-15-1974	65	150	150	H	125AQUI
KE Bf 64	KE-67-0130	Walters, A H	Shore	03-16-1967	70	153	153	H	125AQUI
KE Bf 65	KE-73-0813	K & B Inc	American	11-07-1978	30	60	60	C	125AQUI
KE Bf 66	KE-65-0068	Wicks, Paul W	Delmarva	03-01-1965	80	195	195	I	125AQUI
KE Bf 67	KE-69-0020	Woodall, Walter R	Shore	09-10-1968	50	97	97	U	125AQUI
KE Bf 68	KE-81-1320	Davis, Dennis	Lifetime	08-07-1989	65	140	140	H	125AQUI
KE Bf 69	KE-73-0279	Owings & Sons Inc	American	02-14-1975	65	153	153	I	125AQUI
KE Bf 70	KE-73-0396	Owings & Sons Inc	American	02-20-1976	65	158	158	I	125AQUI
KE Bf 71	KE-81-0357	Kohl, Thomas J	Shore	08-21-1985	65	164	164	H	125AQUI
KE Bf 72	KE-04-1961	Schelts, B K	W F Stewart	09-12-1961	77	63	63	H	125AQUI
KE Bf 73	KE-81-0236	Kohl, Bernard	Shore	07-31-1984	65	151	151	H	125AQUI
KE Bf 74	KE-81-0772	Miller, Harold	Kelley Drlg	08-24-1987	55	120	120	U	125AQUI
KE Bf 75	KE-73-0009	Cook, Richard E	Shore	10-25-1972	60	96	96	H	125AQUI
KE Bf 76	--	Cook, Richard E	--	--	60	32	32	U	112CLMB

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
95	100	--	27.5	05-00-1948	40	34.5	1.16	16	05-00-1948	--	KE Bf 2
--	--	--	25	00-00-1943	--	--	--	--	--	--	KE Bf 3
--	--	--	52	00-00-1943	--	--	--	--	--	--	KE Bf 4
--	--	--	20	00-00-1950	--	--	--	--	--	--	KE Bf 5
123.7	128.7	4	37	07-00-1948	11	--	--	16	07-00-1948	--	KE Bf 6
--	--	--	9.75	09-28-1951	--	--	--	--	--	--	KE Bf 7
--	--	--	5.85	09-28-1951	--	--	--	--	--	--	KE Bf 8
68	130	4	40	08-21-1947	60	5	12.00	4	08-21-1947	Q	KE Bf 9
--	--	--	25.5	09-28-1951	--	--	--	--	--	--	KE Bf 10
--	--	--	12	00-00-1947	--	--	--	--	--	--	KE Bf 11
--	--	--	31.4	10-16-1951	--	--	--	--	--	--	KE Bf 12
--	--	--	4	00-00-1907	--	--	--	--	--	--	KE Bf 13
--	--	--	4	00-00-1907	--	--	--	--	--	--	KE Bf 14
--	--	--	4	00-00-1907	--	--	--	--	--	--	KE Bf 15
--	--	--	--	--	--	--	--	--	--	--	KE Bf 16
33	162	6	3.55	10-16-1951	175	22	7.95	25	05-00-1951	--	KE Bf 17
45	106	--	7.43	10-16-1951	50	16.5	3.03	10	05-00-1951	--	KE Bf 18
--	--	--	6.5	10-16-1951	--	--	--	--	--	--	KE Bf 19
--	--	--	25	10-16-1951	--	--	--	--	--	--	KE Bf 20
--	--	--	--	--	--	--	--	--	--	--	KE Bf 21
--	--	--	11.83	10-18-1951	--	--	--	--	--	--	KE Bf 22
--	--	--	13.65	10-18-1951	--	--	--	--	--	--	KE Bf 23
--	--	--	16.2	10-18-1951	--	--	--	--	--	--	KE Bf 24
--	--	--	25.73	10-18-1951	--	--	--	--	--	--	KE Bf 25
--	--	--	20.1	10-18-1951	--	--	--	--	--	--	KE Bf 26
--	--	--	22	10-18-1951	--	--	--	--	--	--	KE Bf 27
--	--	--	--	--	--	--	--	--	--	--	KE Bf 28
--	--	--	--	--	--	--	--	--	--	--	KE Bf 29
--	--	--	16.74	10-19-1951	--	--	--	--	--	--	KE Bf 30
--	--	--	17.58	10-19-1951	--	--	--	--	--	--	KE Bf 31
--	--	--	14.3	10-19-1951	--	--	--	--	--	--	KE Bf 32
--	--	--	7.43	10-19-1951	--	--	--	--	--	--	KE Bf 33
--	--	--	14.4	10-19-1951	--	--	--	--	--	--	KE Bf 34
--	--	--	18.06	10-19-1951	--	--	--	--	--	--	KE Bf 35
--	--	--	--	--	--	--	--	--	--	--	KE Bf 36
--	--	--	12	10-19-1951	--	--	--	--	--	--	KE Bf 37
27	55	--	--	01-00-1951	20	--	--	5	01-00-1951	X	KE Bf 38
41	85	--	7	06-15-1952	35	18	1.94	10	06-15-1952	--	KE Bf 39
105	130	4	31	05-02-1952	30	9	3.33	2	05-02-1952	C,X	KE Bf 40
37	86	--	8	11-02-1951	30	22	1.36	5	11-02-1951	--	KE Bf 41
142	153	4	36	03-01-1954	30	24	1.25	2	03-01-1954	--	KE Bf 42
63	125	--	9.2	12-06-1965	50	40.8	1.23	2	12-06-1965	--	KE Bf 43
40	60	2	7	02-19-1966	30	9	3.33	2	02-19-1966	C	KE Bf 44
--	--	--	--	--	--	--	--	--	--	--	KE Bf 45
92	173	--	8	01-25-1968	30	12	2.50	10	01-25-1968	--	KE Bf 46
85	95	4	25	11-09-1988	10	50	0.20	3	11-09-1989	--	KE Bf 47
59	69	4	37.83	11-14-1989	12	5	2.40	2	01-11-1985	--	KE Bf 48
157	162	3	38	12-15-1970	30	32	0.94	8	12-15-1970	--	KE Bf 49
77	82	3	22	04-13-1983	25	41	0.61	6	04-13-1983	--	KE Bf 50
35	65	4	27.7	10-26-1989	40	15	2.67	2	05-21-1966	--	KE Bf 51
147	152	3	44	10-13-1966	25	81	0.31	10	10-13-1966	--	KE Bf 52
150	170	4	42	10-28-1986	75	58	1.29	5	10-28-1986	--	KE Bf 53
43	85	--	27	10-27-1960	30	15	2.00	4	10-27-1960	--	KE Bf 54
--	--	--	21	04-08-1956	7	7	1.00	48	04-08-1956	--	KE Bf 55
70	80	4	21.65	11-14-1989	15	15	1.00	2	05-11-1987	O	KE Bf 56
174	179	3	27	07-12-1974	20	36	0.56	8	07-12-1974	--	KE Bf 57
187	192	3	25	11-10-1970	20	17	1.18	8	11-10-1970	Q	KE Bf 58
168	173	3	24	12-21-1976	20	18	1.11	8	12-21-1976	--	KE Bf 59
110	118	4	28	07-08-1982	15	32	0.47	3	07-08-1982	--	KE Bf 60
57	62	4	21	04-12-1977	20	29	0.69	3	04-12-1977	--	KE Bf 61
148	153	3	29	09-28-1973	30	34	0.88	8	09-28-1973	--	KE Bf 62
128	150	--	31	08-15-1974	50	31	1.61	3	08-15-1974	--	KE Bf 63
148	153	3	46	03-16-1967	30	37	0.81	14	03-16-1967	--	KE Bf 64
49	59	4	20	11-07-1978	20	20	1.00	3	11-07-1978	--	KE Bf 65
43	191	17	34	03-01-1965	769	81	9.49	6	03-01-1965	--	KE Bf 66
92	97	3	11	09-10-1968	30	45	0.67	8	09-10-1968	--	KE Bf 67
125	140	4	20	08-07-1989	50	80	0.63	5	08-07-1989	--	KE Bf 68
95	143	12	20	02-14-1975	352	61	5.77	4	02-14-1975	--	KE Bf 69
71	158	12	15	02-20-1976	700	35	20.00	6	02-20-1976	--	KE Bf 70
154	158	3	21	08-21-1985	50	99	0.51	8	08-21-1985	--	KE Bf 71
53	63	2	25	09-12-1961	40	25	1.60	3	09-12-1961	--	KE Bf 72
141	151	3	13	07-31-1984	35	22	1.59	8	07-31-1984	--	KE Bf 73
110	120	4	9.46	02-08-1990	15	68	--	3	08-24-1987	L,O	KE Bf 74
86	96	3	21	10-25-1972	40	50	0.80	16	10-25-1972	--	KE Bf 75
--	--	--	9.36	01-11-1990	--	--	--	--	--	O	KE Bf 76

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Bf 77	KE-73-0419	Fuchs, S	Lifetime	03-24-1976	65	127	127	H	125AQUI
KE Bf 78	KE-73-0057	Huffer, Donald	Kelley Drlg	01-30-1973	60	100	100	H	125AQUI
KE Bf 79	KE-69-0055	VFW Post 652	Shore	01-10-1969	65	110	110	U	125AQUI
KE Bf 80	KE-81-0555	Asbury U Meth Church	Shore	07-31-1986	65	92	92	H	125AQUI
KE Bf 81	KE-73-0155	Lively, Linwood G Jr	Shore	10-08-1973	65	99	99	H	125AQUI
KE Bf 82	KE-73-0228	Carriage Country Club	M A Pentz	06-10-1974	10	130	130	P	125AQUI
KE Bf 83	KE-73-0230	Haynes, George	M A Pentz	07-16-1974	70	130	130	H	125AQUI
KE Bf 84	KE-73-0067	Demby, Roland	Kelley Drlg	02-27-1973	70	84	75	H	125AQUI
KE Bf 85	KE-73-0563	Beachy, David	Lifetime	03-08-1977	70	123	123	H	125AQUI
KE Bf 86	KE-73-0268	Jeffers, Thomas	Middletown	09-30-1974	70	115	115	H	125AQUI
KE Bf 87	KE-81-0393	Miller, Jeff	Lifetime	09-14-1985	70	95	95	H	125AQUI
KE Bf 88	KE-73-0390	Ramirez, Hiram O	Lifetime	12-02-1975	75	123	123	H	125AQUI
KE Bf 89	KE-72-0034	Muth	Lifetime	12-05-1971	65	120	120	U	125AQUI
KE Bf 90	KE-81-0898	Worton, Glen	Lifetime	05-24-1988	65	180	180	H	125AQUI
KE Bf 91	KE-73-1007	Fritchey, Clayton	Shore	06-19-1980	45	164	164	H	125AQUI
KE Bf 92	--	Fritchey, Clayton	--	--	45	33.7	33.7	U	112CLMB
KE Bf 93	--	Fritchey, Clayton	--	--	45	86.6	86.6	U	125AQUI
KE Bf 94	KE-04-2205	Chance, Dudley	Middletown	03-28-1961	65	165	165	H	125AQUI
KE Bf 95	KE-73-0818	Chance, Robert	Middletown	11-30-1978	60	145	145	H	125AQUI
KE Bf 96	KE-72-0053	Chance, Dudley	Shore	12-31-1971	60	171	171	H	125AQUI
KE Bf 97	KE-69-0013	Chance, Dudley	Shore	08-28-1968	65	174	174	H	125AQUI
KE Bf 98	KE-81-0573	Warrington, Don	Lifetime	10-17-1986	60	200	200	S	125AQUI
KE Bf 99	KE-81-0574	Pitre, Tom	Lifetime	10-30-1986	60	202	202	H	125AQUI
KE Bf 100	KE-81-0590	Warrington, Steve	Lifetime	10-29-1986	65	202	202	H	125AQUI
KE Bf 101	KE-73-0046	Maule, Elwood	Shore	12-08-1972	60	81	81	H	125AQUI
KE Bf 102	KE-81-0703	Hickman, Dennis	Kelley Drlg	05-21-1987	30	85	85	H	125AQUI
KE Bf 103	KE-81-0497	Durham, Allan	Lifetime	06-18-1986	30	160	160	H	125AQUI
KE Bf 104	KE-73-0959	Commercial Equipment	Shore	02-11-1980	60	110	110	C	125AQUI
KE Bf 105	KE-81-0212	Kowalski, John	Kelley Drlg	06-08-1984	35	80	80	H	125AQUI
KE Bf 106	KE-81-0028	Lorenz, John C	Middletown	09-10-1982	15	120	120	H	125AQUI
KE Bf 107	KE-81-0230	Bookwalter, Melinda	Kelley Drlg	06-06-1984	15	80	80	H	125AQUI
KE Bf 108	KE-81-0811	Gustafson, Carl	Shore	02-09-1988	10	100	100	H	125AQUI
KE Bf 109	KE-81-0299	Dutch Family Rest	Kelley Drlg	01-03-1985	30	85	85	C	125AQUI
KE Bf 110	KE-03-4213	Vonnie's Family Rest	Middletown	07-15-1959	40	144	144	C	125AQUI
KE Bf 111	KE-67-0032	Shahan, William	Middletown	08-16-1966	60	145	145	H	125AQUI
KE Bf 112	--	Miller, Harold	--	--	65	129.4	129.4	U	125AQUI
KE Bf 113	KE-68-0105	Atkinson, John V	Kelley Drlg	06-21-1968	65	55	50	U	125AQUI
KE Bf 114	KE-69-0017	Atkinson, John V	Kelley Drlg	08-22-1968	60	180	179	U	125AQUI
KE Bf 115	KE-73-0545	Atkinson, John V	Shore	03-07-1977	60	145	145	H	125AQUI
KE Bf 116	KE-73-0871	Lessler	Shore	06-29-1979	65	108	108	H	125AQUI
KE Bf 117	KE-65-0113	Smith, Joseph	W F Stewart	07-02-1965	65	83	83	H	125AQUI
KE Bf 118	KE-04-8360	Browning, Richard A	Ennis Bros	07-18-1962	70	75	75	H	125AQUI
KE Bf 119	KE-02-2077	Churay, Alfred	J W Baker	02-12-1956	70	70	70	H	112CLMB
KE Bf 120	KE-73-1095	Neff, Walter Jr	Shore	05-01-1981	70	110	110	H	125AQUI
KE Bf 121	KE-81-0014	Quail Run Nursery	Lifetime	06-25-1982	50	100	100	U	125AQUI
KE Bf 122	KE-81-0876	Quail Run Nursery	Delmarva	02-11-1988	50	200	192	U	125AQUI
KE Bf 123	KE-73-0260	Quail Run Nursery	Shore	10-04-1974	50	52	52	H	112CLMB
KE Bf 124	KE-81-0452	Quail Run Nursery	Shannahan Ar	02-03-1986	50	195	180	U	125AQUI
KE Bf 125	KE-81-0466	Quail Run Nursery	Shannahan Ar	04-10-1986	50	181	181	I	125AQUI
KE Bf 126	KE-81-0229	Price, Roland	Shore	06-14-1984	35	58	58	H	112CLMB
KE Bf 127	KE-81-0407	Anderson, John	Kelley Drlg	10-07-1985	30	80	80	H	125AQUI
KE Bf 128	KE-73-1186	Quail Run Nursery	Shore	03-09-1982	30	140	140	C	125AQUI
KE Bf 129	KE-73-0933	Wicks, Fred	Shore	10-29-1979	40	132	132	H	125AQUI
KE Bf 130	KE-81-0588	Bramble, Robert	Lifetime	01-05-1987	45	120	120	H	125AQUI
KE Bf 131	KE-73-1023	O'Dell, Robert	Shore	10-31-1980	40	151	151	H	125AQUI
KE Bf 132	KE-81-0495	Hibbs, Raymond	Lifetime	05-19-1986	35	123	123	H	125AQUI
KE Bf 133	KE-81-0233	Coleman, Betty	Lifetime	07-02-1984	58	118	118	H	125AQUI
KE Bf 134	KE-71-0025	Baxter, James E Jr	Kelley Drlg	09-15-1970	50	95	95	H	125AQUI
KE Bf 135	KE-70-0025	Millington Rec Facil	Shore	04-01-1970	35	130	130	R	125AQUI
KE Bf 136	KE-73-0124	Millington Elem School	American	06-21-1973	35	210	150	T	125AQUI
KE Bf 137	KE-73-0699	Millington Elem School	Shannahan Ar	04-05-1978	35	167	138	T	125AQUI
KE Bf 138	KE-73-0341	Millington Fire Co	Middletown	06-20-1975	30	227	227	F	125AQUI
KE Bf 139	KE-03-2659	C & P Telephone Co	R Eberhard	11-28-1958	30	90	90	H	125AQUI
KE Bf 140	KE-81-0855	Hart, Carroll	Lifetime	03-22-1988	30	138	138	H	125AQUI
KE Bf 141	KE-73-0914	Asbury U Meth Church	Middletown	08-31-1979	27	125	125	H	125AQUI
KE Bf 142	KE-73-0316	Millington Hardware	Middletown	05-27-1975	27	135	135	C	125AQUI
KE Bf 143	KE-02-7635	Millington Food-Rite	Middletown	06-20-1958	27	90	90	C	125AQUI
KE Bf 144	KE-73-0537	Millington Bank of Md	Middletown	01-06-1977	27	125	125	C	125AQUI
KE Bf 145	KE-81-0190	Wallace, Herman	Middletown	02-02-1984	25	110	110	H	125AQUI
KE Bf 146	KE-81-0613	Berkley, James	Lifetime	11-20-1986	10	95	95	H	125AQUI
KE Bf 147	KE-81-0369	Spocks, Emerson	Lifetime	07-18-1985	10	95	95	H	125AQUI
KE Bf 148	KE-73-0821	Nafzinger, Robert	American	12-15-1978	20	66	66	H	125AQUI
KE Bf 149	KE-73-0377	Harman, U L	Kelley Drlg	09-26-1975	29	75	74	H	125AQUI
KE Bf 150	KE-73-0782	Rievera, Godyl	Kelley Drlg	08-23-1978	20	65	65	H	125AQUI
KE Bf 151	KE-81-0557	Fernwalt, John	Kelley Drlg	09-15-1986	15	60	60	H	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
107	127	4	29	03-24-1976	20	18	1.11	8	03-24-1976	--	KE Bf 77
95	100	4	30	01-30-1973	50	50	1.00	3	01-30-1973	--	KE Bf 78
74	110	--	47	01-10-1969	30	15	2.00	8	01-10-1969	--	KE Bf 79
64	92	--	43.82	01-12-1990	20	11	1.82	5	07-31-1986	--	KE Bf 80
74	99	--	52	10-08-1973	35	11	3.18	8	10-08-1973	--	KE Bf 81
67	130	--	3	06-10-1974	60	32	1.88	2	06-10-1974	--	KE Bf 82
87	130	--	41	07-16-1974	30	21	1.43	1	07-16-1974	--	KE Bf 83
70	75	4	44.16	01-12-1990	20	35	0.57	2	02-27-1973	--	KE Bf 84
105	123	4	43.29	01-17-1990	30	48	0.63	6	03-08-1977	--	KE Bf 85
66	115	--	43	09-30-1974	40	22	1.82	2	09-30-1974	--	KE Bf 86
85	95	4	42	09-14-1985	15	38	0.39	5	09-14-1985	--	KE Bf 87
103	123	4	46	12-02-1975	20	34	0.59	4	12-02-1975	--	KE Bf 88
100	120	4	35	12-05-1971	20	30	0.67	2	12-05-1971	--	KE Bf 89
160	180	4	20	05-24-1988	50	60	0.83	5	05-24-1988	--	KE Bf 90
140	164	--	26.7	01-11-1990	40	52	0.77	10	06-19-1980	--	KE Bf 91
--	--	--	19.98	01-11-1990	--	--	--	--	--	O	KE Bf 92
--	--	--	24.12	01-11-1990	--	--	--	--	--	O	KE Bf 93
90	165	--	33	03-28-1961	75	42	1.79	4	03-28-1961	--	KE Bf 94
81	145	--	24	11-30-1978	40	36	1.11	4	11-30-1978	--	KE Bf 95
159	171	--	22	12-31-1971	20	20	1.00	8	12-31-1971	--	KE Bf 96
157	174	--	31	08-28-1968	40	74	0.54	10	08-28-1968	--	KE Bf 97
180	200	4	30	10-17-1986	50	70	0.71	5	10-17-1986	--	KE Bf 98
187	202	4	21.96	01-11-1990	60	68	0.88	5	10-30-1986	--	KE Bf 99
187	202	4	27.51	01-11-1990	10	68	0.15	3	10-29-1986	--	KE Bf 100
64	81	--	29	12-08-1972	17	12	1.42	6	12-08-1972	--	KE Bf 101
70	80	4	18	05-21-1987	20	42	0.48	3	05-21-1987	--	KE Bf 102
140	160	4	10.47	01-11-1990	25	64	0.39	5	06-18-1986	--	KE Bf 103
64	110	--	31.05	01-17-1990	25	11	2.27	8	02-11-1980	--	KE Bf 104
72	80	4	27.96	01-17-1990	20	40	0.50	3	06-08-1984	--	KE Bf 105
66	120	--	9	09-10-1982	50	41	1.22	2	09-10-1982	--	KE Bf 106
72	80	4	6.48	01-17-1990	30	40	0.75	3	06-06-1984	O	KE Bf 107
85	100	--	5.35	01-17-1990	30	55	0.55	5	02-09-1988	--	KE Bf 108
77	85	4	18	01-03-1985	50	32	1.56	3	01-03-1985	--	KE Bf 109
83	144	--	24.5	05-22-1959	60	35.5	1.69	6	05-22-1959	--	KE Bf 110
81	145	--	46.4	08-16-1966	50	33.5	1.49	1	08-16-1966	--	KE Bf 111
--	--	--	10.57	02-08-1990	--	--	--	--	--	--	KE Bf 112
40	50	4	36	06-21-1968	--	--	--	--	--	--	KE Bf 113
159	179	4	42	08-22-1968	--	--	--	--	--	--	KE Bf 114
140	145	3	38	03-07-1977	20	25	0.80	8	03-07-1977	--	KE Bf 115
74	108	--	41	06-29-1979	45	22	2.05	6	06-29-1979	--	KE Bf 116
63	83	3	43	07-02-1965	20	20	1.00	5	07-02-1965	--	KE Bf 117
62.8	75	--	40	07-18-1962	50	--	--	16	07-18-1962	--	KE Bf 118
--	--	--	30	02-12-1956	8	5	1.60	6	02-12-1956	--	KE Bf 119
75	110	--	34	05-01-1981	45	29	1.55	6	05-01-1981	--	KE Bf 120
85	100	4	9.85	02-08-1990	25	28	0.89	5	06-25-1982	--	KE Bf 121
102	192	4	7.13	02-09-1990	92	30	3.07	3	02-11-1988	L,O	KE Bf 122
47	52	3	15	10-04-1974	20	5	4.00	5	10-04-1974	--	KE Bf 123
120	180	4	10.4	02-08-1990	72	14	5.14	6	02-03-1986	L,O	KE Bf 124
101	181	10	14	04-10-1986	400	70	5.71	2	04-10-1986	--	KE Bf 125
53	58	3	7	06-14-1984	12	14	0.86	5	06-14-1984	--	KE Bf 126
72	80	4	4.9	02-08-1990	30	34	0.88	3	10-07-1985	--	KE Bf 127
78	140	--	4.48	02-09-1990	50	52	0.96	8	03-09-1982	--	KE Bf 128
85	132	--	11.4	02-09-1990	40	27	1.48	5	10-29-1979	--	KE Bf 129
110	120	4	25	01-05-1987	40	55	0.73	5	01-05-1987	--	KE Bf 130
--	--	--	14.16	02-09-1990	25	25	1.00	6	10-31-1980	--	KE Bf 131
108	123	4	11	05-19-1986	40	14	2.86	5	05-19-1986	--	KE Bf 132
108	118	4	38	07-02-1984	20	32	0.63	5	07-02-1984	--	KE Bf 133
85	95	2	17	09-15-1970	10	8	1.25	2	09-15-1970	--	KE Bf 134
85	130	--	7	04-01-1970	45	56	0.80	10	04-01-1970	--	KE Bf 135
140	150	6	4	06-21-1973	150	17	8.82	2	06-21-1973	--	KE Bf 136
118	138	6	8	04-05-1978	54	9	6.00	8	04-05-1978	--	KE Bf 137
62	227	--	6	06-20-1975	165	18	9.17	4	06-20-1975	Q	KE Bf 138
80	90	--	4	11-28-1958	17	3	5.67	4	11-28-1958	--	KE Bf 139
123	138	4	3.56	02-26-1990	40	55	0.73	5	03-22-1988	--	KE Bf 140
87	125	--	4	08-31-1979	50	26	1.92	2	08-31-1979	--	KE Bf 141
86	135	--	1	05-27-1975	50	49	1.02	2	05-27-1975	--	KE Bf 142
42	90	--	5	06-20-1958	20	20	1.00	4	06-20-1958	--	KE Bf 143
88	125	--	5.5	01-06-1977	40	54.5	0.73	2	01-06-1977	--	KE Bf 144
66	110	--	1.8	02-02-1984	50	38.2	1.31	2	02-02-1984	--	KE Bf 145
83	95	4	-1	11-20-1986	50	--	--	5	11-20-1986	--	KE Bf 146
85	95	4	-1	07-18-1985	40	--	--	5	07-18-1985	--	KE Bf 147
--	--	--	2.55	03-08-1990	60	12	5.00	3	12-15-1978	--	KE Bf 148
69	74	4	12	09-26-1975	15	28	0.54	3	09-26-1975	--	KE Bf 149
59	65	4	6.9	03-08-1990	40	30	1.33	3	08-23-1978	--	KE Bf 150
55	60	4	8	09-15-1986	30	27	1.11	3	09-15-1986	--	KE Bf 151

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Bf 152	KE-81-0966	Chance, Andy	Shore	05-31-1988	55	185	185	H	125AQUI
KE Bf 153	KE-73-0481	Chance, Andy	Shore	09-22-1976	55	62	62	U	125AQUI
KE Bf 154	KE-81-0551	Angelica Nurseries	Delmarva	08-08-1986	65	190	190	U	211MNMT
KE Bf 155	KE-81-0552	Angelica Nurseries	Delmarva	08-06-1986	65	185	182	U	211MNMT
KE Bf 156	KE-81-0642	Angelica Nurseries	Delmarva	12-29-1986	60	200	200	U	125AQUI
KE Bf 157	KE-81-0644	Angelica Nurseries	Delmarva	04-20-1987	60	173	163	I	125AQUI
KE Bf 158	KE-81-0859	Angelica Nurseries	Shore	02-24-1988	65	82	82	P	125AQUI
KE Bf 159	KE-81-0706	Angelica Nurseries	Delmarva	05-30-1987	65	143	138	I	125AQUI
KE Bf 160	KE-81-0911	Jones, Julian W	American	05-27-1988	70	137	137	H	125AQUI
KE Bf 161	KE-81-1264	Larrimore, Thomas	American	07-27-1989	70	110	107	H	125AQUI
KE Bf 162	KE-81-1298	Moxley, Scott	Middletown	09-28-1989	70	126	126	H	125AQUI
KE Bf 163	KE-81-1111	Miller, Harold	Lifetime	10-18-1988	55	200	200	H	125AQUI
KE Bf 164	KE-81-1023	Everett, Herbert	Kelley Drlg	10-05-1988	55	160	160	H	125AQUI
KE Bf 165	KE-81-1214	Cahall, John W Jr	American	04-04-1989	55	110	105	H	125AQUI
KE Bf 166	KE-81-1333	Chesterville Ornamentl	Lifetime	09-01-1989	45	200	200	I	125AQUI
KE Bf 167	KE-81-1039	Mason, Scott	Pierson Well	09-09-1988	70	115	115	S	125AQUI
KE Bf 168	KE-81-1024	Brown, Michael L	Middletown	08-23-1988	10	121	121	H	125AQUI
KE Bf 169	KE-67-0088	Haley, Eugene N	M A Pentz	10-27-1966	70	190	190	H	125AQUI
KE Bf 170	KE-81-1337	VFW Post 652	Lifetime	09-05-1989	65	220	220	F	125AQUI
KE Bf 171	KE-81-1303	Coleman, Russell	Lifetime	07-14-1989	55	180	180	H	125AQUI
KE Bf 172	KE-81-1171	Quail Run Nursery	Shannahan Ar	03-02-1989	50	174	174	I	125AQUI
KE Bf 173	KE-81-1341	Groff, Gerald	Lifetime	09-08-1989	25	140	140	H	125AQUI
KE Bf 174	KE-81-1253	Reynolds, Catherine	Lifetime	05-04-1989	25	120	120	H	125AQUI
KE Bf 175	KE-81-1144	Everett, George	Lifetime	12-21-1988	70	200	200	H	125AQUI
KE Bf 176	KE-81-1265	Stoltzfus, John	Lifetime	06-02-1989	75	180	180	H	125AQUI
KE Bf 177	KE-81-1262	Zeller, Gilbert	American	07-28-1989	80	115	110	H	125AQUI
KE Bf 178	KE-81-1190	Millington Pizza	Lifetime	03-11-1989	30	150	150	C	125AQUI
KE Bf 179	KE-81-1313	Friendship Farms	American	07-27-1989	60	86	85	H	125AQUI
KE Bf 180	--	U.S. Geological Survey	USGS	06-14-1991	55	480	--	U	--
KE Bf 181	KE-81-0884	Leroy, Pierre	Shore	00-00-1988	15	70	70	H	125AQUI
KE Bf 182	KE-81-0614	Angelica Nurseries	Delmarva	11-26-1986	65	190	181	I	211MNMT
KE Bf 183	KE-81-1457	Davis Texaco Inc	Lifetime	05-10-1990	27	100	100	C	125AQUI
KE Bg 1	KE-00-9297	Moore	Middletown	04-00-1951	70	130	130	H	125AQUI
KE Bg 2	KE-04-0199	Everett, Claude	W F Stewart	08-17-1960	50	43	42	H	112CLMB
KE Bg 3	--	Pratt, Wright	--	00-00-1948	65	200	200	H	125AQUI
KE Bg 4	--	O'Neil, John	--	--	65	26	26	U	112CLMB
KE Bg 5	--	Weist, Charles	--	00-00-1945	60	32.5	32.5	H	112CLMB
KE Bg 6	--	Weist, Charles	--	00-00-1945	60	35	35	U	112CLMB
KE Bg 7	--	Everett, Claude	--	--	50	27.5	27.5	H	112CLMB
KE Bg 8	--	Gould, Frazier	--	00-00-1942	65	10	10	U	112CLMB
KE Bg 9	--	Millington Wild Mgt Ar	M A Pentz	00-00-1949	70	140	140	U	125AQUI
KE Bg 10	--	VanCulin, Warren	--	--	65	14.6	14.6	H	112CLMB
KE Bg 11	--	Millington Wild Mgt Ar	--	--	60	10.1	9.75	U	112CLMB
KE Bg 12	--	Huselton, A J	--	--	80	12	12	H	112CLMB
KE Bg 13	--	Jones, Ervin	--	--	75	12	12	U	112CLMB
KE Bg 14	--	C A G Farms Inc	--	--	55	32	32	U	112CLMB
KE Bg 15	--	Donohue, Catherine	--	--	73	28	26.5	H	112CLMB
KE Bg 16	--	Donohue, James	--	00-00-1930	60	25	25	H	112CLMB
KE Bg 17	--	Newman, William R	--	--	65	--	--	H	112CLMB
KE Bg 18	--	Jeffords, Clarence	--	--	15	14	14	H	112CLMB
KE Bg 19	--	Glennon's Milk Service	--	00-00-1920	70	60	60	U	--
KE Bg 20	--	Kerr-McGee Chemical Co	Ennis Bros	00-00-1941	70	88	88	N	125AQUI
KE Bg 21	--	Kerr-McGee Chemical Co	M A Pentz	00-00-1920	70	100	100	N	125AQUI
KE Bg 22	--	DeCoster Egg Farm	--	--	50	17	17	U	112CLMB
KE Bg 23	--	Frey, J	--	--	65	14.8	14.8	H	112CLMB
KE Bg 24	--	Beiler Farms	--	--	70	24.6	24.6	U	112CLMB
KE Bg 25	--	Beiler Farms	--	--	70	23.2	23.2	U	112CLMB
KE Bg 26	KE-01-0209	Kerr-Mcgee Chemical Co	Layne Atlan	06-06-1952	70	197.5	192	N	125AQUI
KE Bg 27	KE-02-1433	Kerr-McGee Chemical Co	Shannahan Ar	11-02-1955	70	205	201	U	125AQUI
KE Bg 28	KE-02-1434	Kerr-McGee Chemical Co	Shannahan Ar	11-05-1955	70	250	196.1	U	125AQUI
KE Bg 29	KE-65-0083	Glennon's Milk Service	Shore	02-03-1965	73	75	75	H	112CLMB
KE Bg 30	KE-03-8278	C A G Farms Inc	Delmarva	03-29-1960	50	185	--	U	--
KE Bg 31	KE-65-0032	C A G Farms Inc	Delmarva	06-25-1965	65	196	196	I	125AQUI
KE Bg 32	KE-67-0015	C A G Farms Inc	Delmarva	08-09-1966	65	50	48	U	112CLMB
KE Bg 33	KE-73-0670	U.S. Geological Survey	Layne Atlan	10-26-1978	65	--	710	U	217PTMC
KE Bg 34	--	U.S. Geological Survey	Middletown	11-21-1977	65	188	186	U	125AQUI
KE Bg 35	KE-81-0801	U.S. Geological Survey	White Drlg	09-22-1987	62	70	47.5	U	112CLMB
KE Bg 36	--	U.S. Geological Survey	USGS	06-15-1989	62	31	31	U	112CLMB
KE Bg 37	KE-73-0754	Glendening, Dan	Shore	06-22-1978	70	92	92	H	125AQUI
KE Bg 38	KE-73-0330	Wesley Henry U Meth Ch	Shore	05-27-1975	75	108	108	H	125AQUI
KE Bg 39	KE-67-0019	Massey, Thomas	Shore	08-06-1966	65	74	74	H	112CLMB
KE Bg 40	KE-73-0707	Gemberling Farms	Roy White	04-20-1978	65	220	200	I	125AQUI
KE Bg 41	KE-67-0009	Gemberling Farms	W F Stewart	06-23-1966	75	82	82	U	125AQUI
KE Bg 42	KE-81-0113	Gemberling Farms	Shore	06-02-1983	75	87	87	H	112CLMB
KE Bg 43	KE-81-0752	Alexander, James R	Shore	08-28-1987	65	72	72	H	112CLMB

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
165	185	4	14.28	03-13-1990	20	44	0.45	6	05-31-1988	O	KE Bf 152
57	62	3	18	09-22-1976	12	12	1.00	6	09-22-1976	--	KE Bf 153
121	181	6	33.35	03-15-1990	300	76	3.95	2	08-08-1986	L,O	KE Bf 154
161	181	--	37	08-06-1986	43	42	1.02	2	08-06-1986	--	KE Bf 155
122	182	4	12	12-29-1986	35	36	0.97	4	12-29-1986	--	KE Bf 156
52	163	10	12.7	04-20-1987	656	27.4	23.94	8	04-20-1987	--	KE Bf 157
67	82	6	14	02-24-1988	50	46	1.09	10	02-24-1988	--	KE Bf 158
55	138	10	13	05-30-1987	615	38	16.18	8	05-30-1987	--	KE Bf 159
122	132	4	30	05-27-1988	50	30	1.67	2	05-27-1988	--	KE Bf 160
97	107	4	27	07-27-1989	15	43	0.35	1	07-27-1989	--	KE Bf 161
118	126	3	34	09-28-1989	35	36	0.97	2	09-28-1989	--	KE Bf 162
180	200	4	45	10-18-1988	40	55	0.73	5	10-18-1988	--	KE Bf 163
150	160	4	25	10-05-1988	15	65	0.23	3	10-05-1988	--	KE Bf 164
90	110	4	15.95	01-12-1990	40	20	2.00	2.5	04-04-1989	--	KE Bf 165
188	200	4	35	09-01-1989	100	65	1.54	5	09-01-1989	--	KE Bf 166
105	115	4	24.98	10-26-1989	60	60	1.00	2	09-09-1988	--	KE Bf 167
66	121	--	--	08-23-1988	50	--	--	2	08-23-1988	--	KE Bf 168
135	190	4	43	10-27-1966	35	26	1.35	3	10-27-1966	--	KE Bf 169
200	220	4	39.76	01-12-1990	50	55	0.91	5	09-05-1989	O	KE Bf 170
170	180	4	25	07-14-1989	90	55	1.64	5	07-14-1989	--	KE Bf 171
154	174	4	13.86	02-09-1990	20	12	1.67	1	03-02-1989	--	KE Bf 172
130	140	4	3.81	03-08-1990	75	50	1.50	5	09-08-1989	O	KE Bf 173
113	120	4	3.93	03-08-1990	30	52	0.58	5	05-04-1989	--	KE Bf 174
180	200	2	45	12-21-1988	100	55	1.82	5	12-21-1988	--	KE Bf 175
120	180	4	18.45	01-12-1990	100	65	1.54	5	06-02-1989	--	KE Bf 176
100	110	4	34.9	11-14-1989	20	10	2.00	2	07-28-1989	--	KE Bf 177
140	150	4	8	03-11-1989	50	42	1.19	5	03-11-1989	--	KE Bf 178
75	85	--	30	07-27-1989	15	40	0.38	2	07-27-1989	--	KE Bf 179
--	--	--	--	--	--	--	--	--	--	L	KE Bf 180
64	70	--	2	00-00-1988	40	38	1.05	--	00-00-1988	--	KE Bf 181
121	181	10	38	11-26-1986	403	73	5.52	2	11-26-1986	--	KE Bf 182
90	100	4	15	05-10-1990	50	45	1.11	5	05-10-1990	Q	KE Bf 183
110	130	--	44	04-00-1951	20	16	1.25	10	04-00-1951	--	KE Bg 1
37	42	2	9	08-17-1960	9	29	0.31	3	08-17-1960	Y	KE Bg 2
--	--	--	--	--	--	--	--	--	--	--	KE Bg 3
--	--	--	--	--	--	--	--	--	--	--	KE Bg 4
--	--	--	--	--	--	--	--	--	--	--	KE Bg 5
--	--	--	--	--	--	--	--	--	--	--	KE Bg 6
--	--	--	--	--	--	--	--	--	--	--	KE Bg 7
--	--	--	--	--	--	--	--	--	--	--	KE Bg 8
--	--	--	--	--	--	--	--	--	--	--	KE Bg 9
--	--	--	4	03-18-1952	--	--	--	--	--	O	KE Bg 10
--	--	--	3.6	03-18-1952	--	--	--	--	--	--	KE Bg 11
--	--	--	4.75	03-18-1952	--	--	--	--	--	--	KE Bg 12
--	--	--	--	--	--	--	--	--	--	--	KE Bg 13
--	--	--	--	--	--	--	--	--	--	--	KE Bg 14
--	--	--	--	--	--	--	--	--	--	Q	KE Bg 15
--	--	--	--	--	--	--	--	--	--	--	KE Bg 16
--	--	--	--	--	--	--	--	--	--	--	KE Bg 17
--	--	--	--	--	--	--	--	--	--	--	KE Bg 18
--	--	--	25	00-00-1943	--	--	--	--	--	--	KE Bg 19
--	--	--	--	--	--	--	--	--	--	--	KE Bg 20
--	--	--	30	03-21-1952	--	--	--	--	--	--	KE Bg 21
--	--	--	11	03-21-1952	--	--	--	--	--	--	KE Bg 22
--	--	--	3.8	03-21-1952	--	--	--	--	--	--	KE Bg 23
--	--	--	14.17	03-21-1952	--	--	--	--	--	--	KE Bg 24
--	--	--	11.8	03-21-1952	--	--	--	--	--	--	KE Bg 25
177	192	8	18	06-06-1952	225	47	4.79	5	06-06-1952	--	KE Bg 26
196	201	2	19.16	11-15-1955	10	29	0.34	--	11-02-1955	C	KE Bg 27
191.1	196.1	3	23	11-05-1955	15	25	0.60	--	11-05-1955	C	KE Bg 28
70	75	4	23	02-03-1965	30	37	0.81	9	02-03-1965	--	KE Bg 29
--	--	--	6	03-29-1960	--	--	--	--	--	--	KE Bg 30
24	196	17	11	06-25-1965	1280	36	35.56	4	06-25-1965	--	KE Bg 31
28	48	2	25	08-09-1966	20	10	2	2	08-09-1966	--	KE Bg 32
695	700	4	62.4	10-26-1978	20	6.4	3.13	4.5	10-26-1978	C,L,O,Q	KE Bg 33
125	186	--	27.7	11-01-1977	75	70	1.07	4	11-21-1977	L,O,Q	KE Bg 34
44.75	47.75	2	--	--	--	--	--	--	--	O	KE Bg 35
28	31	2	--	--	--	--	--	--	--	O	KE Bg 36
74	92	4	29.97	08-29-1989	40	6	6.67	5	06-22-1978	O	KE Bg 37
75	108	4	33	05-27-1975	15	9	1.67	8	05-27-1975	--	KE Bg 38
69	74	3	27	08-06-1966	20	23	0.87	6	08-06-1966	--	KE Bg 39
40	200	16	18	04-20-1978	575	14	41.07	4	04-20-1978	--	KE Bg 40
74	82	2	22	06-23-1966	40	59	0.68	4	06-23-1966	--	KE Bg 41
82	87	3	20	06-02-1983	20	22	0.91	5	06-02-1983	--	KE Bg 42
67	72	3	21	08-28-1987	40	29	1.38	5	08-28-1987	--	KE Bg 43

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Bg 44	KE-81-0001	DeCoster Egg Farms	Shore	05-19-1982	65	88	88	H	125AQUI
KE Bg 45	KE-81-0214	DeCoster Egg Farms	Shore	05-10-1984	70	153	153	J	125AQUI
KE Bg 46	KE-73-0601	Md State Highway Admin	Kelley Drlg	06-29-1977	65	60	57	U	112CLMB
KE Bg 47	KE-73-0952	Stup, George	Shore	11-29-1979	65	78	78	C	112CLMB
KE Bg 48	KE-67-0041	Munyon, James	Delmarva	08-23-1966	70	60	55	H	112CLMB
KE Bg 49	KE-73-1180	Maryland & Delaware RR	Kelley Drlg	02-16-1982	70	65	60	C	112CLMB
KE Bg 50	KE-69-0021	St Clements Church	Shore	09-05-1968	70	71	71	H	112CLMB
KE Bg 51	KE-73-0399	C A G Farms Inc	Shore	01-13-1976	70	70	70	H	112CLMB
KE Bg 52	KE-81-0123	C A G Farms Inc	Shore	07-06-1983	65	77	77	N	112CLMB
KE Bg 53	KE-73-0070	C A G Farms Inc	Shore	03-22-1973	60	64	64	H	112CLMB
KE Bg 54	KE-71-0068	C A G Farms Inc	Shore	02-08-1971	55	59	59	H	112CLMB
KE Bg 55	KE-73-0031	Barclay, James	Shore	10-13-1972	75	107	107	H	125AQUI
KE Bg 56	KE-73-0365	North Kent Parish	Middletown	07-28-1975	50	165	165	H	125AQUI
KE Bg 57	KE-73-0206	Bozy Robinson Work Ctr	Shore	05-08-1974	65	150	150	H	125AQUI
KE Bg 58	KE-73-1168	Beiler Farms	Delmarva	01-20-1982	65	51	51	H	112CLMB
KE Bg 59	KE-69-0092	Beiler Farms	Kelley Drlg	05-10-1969	60	42	42	H	112CLMB
KE Bg 60	KE-81-1276	Fletcher, Sam	Lifetime	10-03-1989	65	180	180	H	125AQUI
KE Bg 61	KE-73-0113	George, Carroll	M A Pentz	07-05-1973	80	120	120	H	125AQUI
KE Bg 62	KE-73-0367	Everett, Anne	M A Pentz	11-07-1975	70	196	196	H	125AQUI
KE Bg 63	KE-81-0776	McCrea, James	Kelley Drlg	09-01-1987	70	60	60	H	112CLMB
KE Bg 64	KE-73-0232	Ormsby, Roger	Shore	06-14-1974	70	70	70	H	112CLMB
KE Bg 65	KE-73-0834	Quinn, John	Shore	01-10-1979	55	52	52	H	112CLMB
KE Bg 66	KE-04-2272	Quinn, John	M A Pentz	09-01-1961	55	53	53	U	112CLMB
KE Bg 67	KE-81-0448	DeCoster Egg Farm	Shore	01-29-1986	50	130	130	H	125AQUI
KE Bg 68	KE-73-0997	DeCoster Egg Farm	Shore	06-12-1980	50	130	130	H	125AQUI
KE Bg 69	KE-73-0852	DeCoster Egg Farm	Shore	04-20-1979	55	131	131	S	125AQUI
KE Bg 70	KE-73-0968	DeCoster Egg Farm	Shore	05-16-1980	50	130	130	S	125AQUI
KE Bg 71	KE-73-1084	DeCoster Egg Farm	Shore	03-25-1981	50	130	130	N	125AQUI
KE Bg 72	KE-70-0041	Alexander, Noble	Shore	02-25-1970	50	53	53	H	112CLMB
KE Bg 73	KE-03-5079	Alexander, Noble	W F Stewart	06-17-1959	50	55	53	U	112CLMB
KE Bg 74	KE-73-0259	Alexander, Noble	Shore	10-07-1974	50	50	50	H	112CLMB
KE Bg 75	KE-73-0580	Price, Paul R	Shore	06-06-1977	40	130	130	H	125AQUI
KE Bg 76	KE-03-5638	Clough, James O	W Aaron	08-07-1959	70	140	140	H	125AQUI
KE Bg 77	KE-81-0540	Henry, Bettye	Delmarva	08-15-1986	35	103	99	H	125AQUI
KE Bg 78	KE-88-0003	Lewis, Susan	Lifetime	04-23-1988	45	120	120	H	125AQUI
KE Bg 79	KE-73-0926	Chance, William M	American	10-05-1979	50	120	120	H	125AQUI
KE Bg 80	KE-81-0197	Chance, William M	Lifetime	03-21-1984	50	140	140	H	125AQUI
KE Bg 81	KE-81-0932	Thompson, Walter	Delmarva	07-01-1988	45	103	103	H	125AQUI
KE Bg 82	KE-73-0466	Phillips, Medford	Kelley Drlg	11-09-1976	40	90	90	H	125AQUI
KE Bg 83	KE-73-0735	Potts, Vernon	M A Pentz	06-12-1978	55	137	137	S	125AQUI
KE Bg 84	KE-67-0094	Potts, Vernon	Delmarva	11-01-1966	55	100	100	H	125AQUI
KE Bg 85	KE-71-0038	Wiest, Charles Jr	Shore	10-08-1970	48	129	129	H	125AQUI
KE Bg 86	KE-73-0848	Cooper, William H	Delmarva	06-03-1979	60	180	180	I	125AQUI
KE Bg 87	KE-81-0064	Griffith, Leonard	Lifetime	11-08-1982	65	175	175	H	125AQUI
KE Bg 88	KE-81-0171	Simpkins, Olan	Kelley Drlg	11-04-1983	65	150	150	H	125AQUI
KE Bg 89	KE-81-0178	Evans, Stanley	Shore	01-23-1984	65	180	180	H	125AQUI
KE Bg 90	KE-73-0503	Wiest, Garey	Lifetime	10-16-1976	65	166	166	H	125AQUI
KE Bg 91	KE-73-0312	Wiest, Charles	Shore	03-03-1975	62	179	179	H	125AQUI
KE Bg 92	KE-71-0086	Pratt, John	Shore	04-28-1971	65	178	178	H	125AQUI
KE Bg 93	KE-73-0262	Gonzalez, Frank Jr	M A Pentz	09-07-1974	70	168	168	H	125AQUI
KE Bg 94	KE-81-0775	Kessler, Pat	Lifetime	08-18-1987	70	143	143	H	125AQUI
KE Bg 95	KE-73-0927	DeCoster Egg Farm	Shore	10-26-1979	60	153	153	S	125AQUI
KE Bg 96	KE-81-0157	George, Charles	Middletown	09-28-1983	65	150	150	H	125AQUI
KE Bg 97	KE-04-6602	Puska, J C Sr	Middletown	04-23-1962	65	165	165	H	125AQUI
KE Bg 98	--	Puska, J C Sr	--	--	65	16.7	16.7	U	112CLMB
KE Bg 99	KE-73-0200	Voshell, Clifton J	M A Pentz	03-30-1974	60	126	126	C	125AQUI
KE Bg 100	KE-73-0508	Follin, Richard E	M A Pentz	10-29-1976	65	130	130	H	125AQUI
KE Bg 101	KE-73-0556	Everett, Robert	W F Stewart	02-24-1977	55	100	100	H	125AQUI
KE Bg 102	KE-81-0384	Beiler Farms	Kelley Drlg	12-09-1985	70	100	100	H	125AQUI
KE Bg 103	KE-81-1287	Oakley, Tressa	Kelley Drlg	06-28-1989	65	77	77	H	112CLMB
KE Bg 104	KE-81-1125	Vanculin, Eddie	Lifetime	11-02-1988	55	123	123	H	125AQUI
KE Bg 105	KE-81-1290	Lloyd, Alice	Kelley Drlg	06-21-1989	45	90	90	H	125AQUI
KE Ca 1	--	Tillman, I C	W B LeCompte	00-00-1940	20	35	35	U	112CLMB
KE Ca 2	--	Tillman, I C	--	--	25	24.4	22.9	S	112CLMB
KE Ca 3	--	Wilkin, John	--	--	25	20.9	20.9	U	112CLMB
KE Ca 4	--	Page, Thomas N	--	--	15	25.1	25.1	H	112CLMB
KE Ca 5	KE-73-0781	Wierda, Donald	American	10-02-1978	10	120	120	H	211MNMT
KE Ca 6	KE-81-0255	Tabler, John	Delmarva	08-28-1984	10	96	87	H	211MTWN
KE Ca 7	KE-81-0241	Howard, G K	Kelley Drlg	07-06-1984	15	105	97	H	211MTWN
KE Ca 8	KE-81-0223	Wilkin, John	Kelley Drlg	05-17-1984	25	130	126	H	211MTWN
KE Ca 9	KE-81-0245	Wilkin, John	Kelley Drlg	07-31-1984	25	46	46	H	112CLMB
KE Ca 10	KE-81-0247	McGlinn, E Thomas	Kelley Drlg	08-06-1984	10	35	28	I	112CLMB
KE Ca 11	KE-81-0771	Hinchingham Farms	Kelley Drlg	11-13-1987	20	80	80	H	112CLMB
KE Ca 12	KE-81-0894	Hinchingham Farms	Kelley Drlg	04-12-1988	20	80	80	I	112CLMB
KE Cb 1	KE-00-6527	Kinsey, Willard	Ennis Bros	08-14-1950	60	75	75	U	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
83	88	3	18	05-19-1982	20	24	0.83	4	05-19-1982	--	KE Bg 44
148	153	3	15.03	11-15-1989	12	28	0.43	8	05-10-1984	--	KE Bg 45
52	57	4	12.43	11-15-1989	30	22	1.36	3	06-29-1977	--	KE Bg 46
73	78	3	12.63	11-15-1989	12	14	0.86	6	11-29-1979	--	KE Bg 47
35	55	4	24	08-23-1966	75	15	5.00	2	08-23-1966	--	KE Bg 48
54	60	4	18	02-16-1982	30	32	0.94	3	02-16-1982	--	KE Bg 49
66	71	3	22	09-05-1968	40	20	2.00	5	09-05-1968	--	KE Bg 50
65	70	3	15	01-13-1976	35	27	1.30	8	01-13-1976	--	KE Bg 51
72	77	6	11.71	11-15-1989	40	61	0.66	10	07-06-1983	O	KE Bg 52
59	64	3	10	03-22-1973	25	32	0.78	6	03-22-1973	--	KE Bg 53
54	59	3	9	02-08-1971	10	11	0.91	6	02-08-1971	--	KE Bg 54
74	107	--	43	10-13-1972	40	20	2.00	7	10-13-1972	--	KE Bg 55
127	165	--	12	07-28-1975	40	48	0.83	3	07-28-1975	--	KE Bg 56
130	150	4	29	05-08-1974	45	76	0.59	18	05-08-1974	--	KE Bg 57
35	45	4	19	01-20-1982	30	3	10.00	1.5	01-20-1982	--	KE Bg 58
30	42	4	17	05-10-1969	27	12	2.25	2	05-10-1969	--	KE Bg 59
172	180	4	44	10-03-1989	30	56	0.54	5	10-03-1989	--	KE Bg 60
80	120	--	41.17	02-08-1990	20	23	0.87	2	07-05-1973	--	KE Bg 61
189	196	2	35	11-07-1975	35	50	0.70	1	11-07-1975	--	KE Bg 62
50	60	4	15	09-01-1987	30	35	0.86	3	09-01-1987	--	KE Bg 63
65	70	3	13	06-14-1974	10	8	1.25	5	06-14-1974	--	KE Bg 64
47	52	3	13.83	02-08-1990	30	23	1.30	8	01-10-1979	O	KE Bg 65
45	53	4	8	09-01-1961	35	8	4.38	3	09-01-1961	--	KE Bg 66
63	130	--	18	01-29-1986	30	24	1.25	5	01-29-1986	--	KE Bg 67
67	130	--	14	06-12-1980	40	28	1.43	6	06-12-1980	--	KE Bg 68
70	131	--	18	04-20-1979	45	24	1.88	6	04-20-1979	--	KE Bg 69
68	130	--	16.28	02-09-1990	45	23	1.96	8	05-16-1980	--	KE Bg 70
64	130	--	19	03-25-1981	45	23	1.96	8	03-25-1981	--	KE Bg 71
48	53	3	21.86	02-09-1990	20	19	1.05	3	02-25-1970	--	KE Bg 72
42	53	2	20	06-17-1959	30	15	2.00	6	06-17-1959	--	KE Bg 73
45	50	3	17.35	02-09-1990	30	23	1.30	6	10-07-1974	--	KE Bg 74
77	130	--	14	06-06-1977	40	28	1.43	8	06-06-1977	--	KE Bg 75
--	--	--	57	08-07-1959	25	31	0.81	5	08-07-1959	--	KE Bg 76
79	99	4	12	08-15-1986	40	12	3.33	1	08-15-1986	--	KE Bg 77
105	120	4	18.51	02-26-1990	50	60	0.83	5	04-23-1988	O	KE Bg 78
100	120	4	30	10-05-1979	8	36	0.22	1	10-05-1979	--	KE Bg 79
120	140	4	40	03-21-1984	30	60	0.50	5	03-21-1984	--	KE Bg 80
91	103	4	16	07-01-1988	20	44	0.45	2	07-01-1988	--	KE Bg 81
78	90	4	12.28	02-26-1990	10	33	0.30	3	11-09-1976	--	KE Bg 82
83	137	--	36	06-12-1978	30	26	1.15	2	06-12-1978	--	KE Bg 83
90	100	4	26	11-01-1966	25	12	2.08	2	11-01-1966	--	KE Bg 84
95	129	--	27	10-08-1970	30	15	2.00	8	10-08-1970	--	KE Bg 85
120	180	4	26	06-03-1979	24	3	8.00	2.5	06-03-1979	--	KE Bg 86
160	175	2	20	11-08-1982	15	30	0.50	5	11-08-1982	--	KE Bg 87
136	150	4	38	11-04-1983	15	32	0.47	3	11-04-1983	--	KE Bg 88
148	180	--	40	01-23-1984	25	20	1.25	6	01-23-1984	--	KE Bg 89
136	166	2	38	10-16-1976	12	26	0.46	6	10-16-1976	--	KE Bg 90
138	179	--	38.6	03-08-1990	30	26	1.15	16	03-03-1975	O	KE Bg 91
141	178	--	39	04-28-1971	30	24	1.25	10	04-28-1971	--	KE Bg 92
107	168	--	37.24	03-08-1990	35	23	1.52	1.5	09-07-1974	O	KE Bg 93
123	143	4	50	08-18-1987	40	50	0.80	5	08-18-1987	--	KE Bg 94
89	153	--	26	10-26-1979	40	16	2.50	8	10-26-1979	--	KE Bg 95
110	150	--	45	09-28-1983	40	50	0.80	2	09-28-1983	--	KE Bg 96
108	165	--	38	04-23-1962	50	12	4.17	4	04-23-1962	--	KE Bg 97
--	--	--	6.7	03-13-1990	--	--	--	--	--	O	KE Bg 98
101	126	--	36	03-30-1974	30	15	2.00	1	03-30-1974	--	KE Bg 99
95	130	--	37	10-29-1976	35	17	2.06	1.5	10-29-1976	--	KE Bg 100
78	100	--	32	02-24-1977	100	68	1.47	3	02-24-1977	--	KE Bg 101
90	100	4	30	12-09-1985	18	40	0.45	3	12-09-1985	--	KE Bg 102
70	77	4	12.18	12-20-1989	10	40	0.25	3	06-28-1989	--	KE Bg 103
108	123	4	40	11-02-1988	50	40	1.25	5	11-02-1988	--	KE Bg 104
80	90	4	17.59	02-26-1990	10	59	0.17	3	06-21-1989	--	KE Bg 105
--	--	--	--	--	--	--	--	--	--	--	KE Ca 1
--	--	--	16.32	03-20-1952	--	--	--	--	--	--	KE Ca 2
--	--	--	17.67	03-20-1952	--	--	--	--	--	--	KE Ca 3
--	--	--	20.86	03-20-1952	--	--	--	--	--	--	KE Ca 4
60	70	4	5.84	07-26-1990	35	11	3.18	3	10-02-1978	--	KE Ca 5
77	87	4	15	08-28-1984	50	5	10.00	3	08-28-1984	--	KE Ca 6
87	97	4	20	07-06-1984	25	40	0.63	3	07-06-1984	--	KE Ca 7
116	126	4	18.69	07-26-1990	6	55	0.11	5	05-17-1989	O	KE Ca 8
39	46	4	13.86	07-26-1990	15	26	0.58	3	07-31-1984	O	KE Ca 9
20	28	4	2.56	07-26-1990	10	16	0.63	3	08-06-1984	O	KE Ca 10
65	80	6	20.78	10-10-1990	18	42	0.43	3	11-13-1987	--	KE Ca 11
70	80	4	20.23	10-10-1990	18	42	0.43	3	04-12-1988	--	KE Ca 12
70	75	--	41	08-14-1950	20	28	0.71	16	08-14-1950	X	KE Cb 1

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Cb 2	KE-00-9299	Francis, Robert N	Jerome Unruh	02-00-1951	45	70	70	H	112CLMB
KE Cb 3	--	Huntington, John	--	--	30	32	32	U	112CLMB
KE Cb 4	--	Huntington, John	M A Pentz	01-00-1947	15	148	148	U	211MNMT
KE Cb 5	--	Slyder, Howard	--	--	20	45	45	H	112CLMB
KE Cb 6	--	Remington Farms	--	--	20	27.8	27.8	U	112CLMB
KE Cb 7	KE-65-0047	Homestead Tavern	W F Stewart	09-24-1964	28	64	64	C	211MNMT
KE Cb 8	--	Breezcroft	--	00-00-1951	25	34.5	34.5	H	112CLMB
KE Cb 9	--	Atkinson, W C	--	--	40	38	38	H	112CLMB
KE Cb 10	--	Tolchester Hotel	--	--	10	--	--	U	112CLMB
KE Cb 11	--	Hinchingham Farms	Shannahan Ar	00-00-1931	25	400	165	U	211MGTY
KE Cb 12	--	Hinchingham Farms	--	00-00-1940	25	33	33	U	112CLMB
KE Cb 13	--	Homestead Tavern	--	--	28	10.85	10.85	U	112CLMB
KE Cb 14	--	Bay Winds Farm	--	00-00-1902	60	27.4	27.4	H	112CLMB
KE Cb 15	--	Nicholas, Albert T	--	--	45	20	20	U	112CLMB
KE Cb 16	--	MacCubbin, William R	--	--	25	14	14	U	112CLMB
KE Cb 17	--	Embree, R L	--	--	20	18	18	H	112CLMB
KE Cb 18	--	Miller, Severn	--	00-00-1951	25	--	--	H	112CLMB
KE Cb 19	--	Lassen, Mrs Otto	--	--	20	14	14	H	112CLMB
KE Cb 20	--	Loller, Ida C	W Tarbutton	--	65	40	40	H	112CLMB
KE Cb 21	KE-00-8071	Stavely, James	Ennis Bros	06-13-1951	80	103	103	U	211MNMT
KE Cb 22	KE-00-8072	Cliff, Carroll	Ennis Bros	06-13-1951	80	103	103	U	211MNMT
KE Cb 23	KE-00-7984	Kitchell, J R	Ennis Bros	05-25-1951	25	116.9	116.9	U	211MTWN
KE Cb 24	--	Tulip Forest Farming C	M A Pentz	00-00-1944	90	90	90	S	125AQUI
KE Cb 25	--	Tulip Forest Farming C	--	--	70	38.6	38.6	H	112CLMB
KE Cb 26	KE-00-7983	Voegler, Rudolf	Ennis Bros	06-01-1951	25	116.9	116.9	U	211MGTY
KE Cb 27	--	Remington Farms	--	--	20	21	21	U	112CLMB
KE Cb 28	--	Remington Farms	--	--	25	20	20	H	112CLMB
KE Cb 29	--	Remington Farms	--	--	25	21	21	U	112CLMB
KE Cb 30	KE-01-2295	Gundesen, R B	Ennis Bros	05-13-1953	25	102	99.7	H	211MTWN
KE Cb 31	KE-01-7982	Kent Co Roads Dept	S Shannahan	04-02-1955	25	48	44	U	112CLMB
KE Cb 32	KE-01-7981	Kent Co Ag Center	S Shannahan	04-02-1955	25	66	45	U	112CLMB
KE Cb 33	KE-02-7091	Kent Co Roads Dept	Shannahan Ar	06-10-1957	25	188	177	U	211MGTY
KE Cb 34	KE-02-7090	Kent Co Ag Center	Shannahan Ar	06-21-1957	25	249.6	237	Z	217PTMC
KE Cb 35	KE-70-0015	Kent Co Sanitary Dist	Lester Lien	09-30-1969	85	420	300	P	217PTMC
KE Cb 36	KE-73-0660	U.S. Geological Survey	Sydnor Hydro	04-25-1978	30	1540	650	U	217PTMC
KE Cb 37	KE-02-5930	AT&T Co	Shannahan Ar	12-12-1956	90	451	451	H	217PTMC
KE Cb 38	--	Kent Co Sanitary Comm	Delmarva	00-00-1987	85	700	653	U	217PTMC
KE Cb 39	KE-81-0726	Kent Co Sanitary Comm	Delmarva	12-23-1987	85	680	650	P	217PTMC
KE Cb 40	KE-81-0996	Remington Farms	Delmarva	07-11-1988	35	320	301	U	217PTMC
KE Cb 41	KE-73-1009	Milam's Grocery	Kelley Drlg	07-09-1980	90	98	96	C	125AQUI
KE Cb 42	KE-02-2590	Massey, Luke	M A Pentz	03-24-1956	85	77	77	H	125AQUI
KE Cb 43	KE-81-0712	Orem, Dudley	Kelley Drlg	05-14-1987	65	140	140	H	211MNMT
KE Cb 44	KE-81-0745	Merkle, Kent	Kelley Drlg	07-02-1987	65	100	100	H	125AQUI
KE Cb 45	KE-73-1088	Miller, Ruth C	Delmarva	04-22-1981	35	105	96	H	125AQUI
KE Cb 46	KE-73-0923	Wilson, Perry	Kelley Drlg	10-12-1979	30	75	74	H	125AQUI
KE Cb 47	KE-73-0327	St Paul's Episcopal Ch	W F Stewart	04-28-1975	25	54	54	H	125AQUI
KE Cb 48	KE-81-0623	St Paul's Episcopal Ch	Kelley Drlg	11-18-1986	25	85	85	H	125AQUI
KE Cb 49	KE-81-0560	Remington Farms	Kelley Drlg	09-25-1986	70	155	155	H	125AQUI
KE Cb 50	KE-73-0696	Skipp, Stephen	W F Stewart	04-19-1978	20	79	79	H	125AQUI
KE Cb 51	KE-81-0777	Walnut Point Farm	American	10-14-1987	25	147	147	Q	125AQUI
KE Cb 52	KE-81-0639	Walnut Point Farm	American	06-24-1987	25	60	60	Z	112CLMB
KE Cb 53	KE-81-0095	Walnut Point Farm	Queenstown	04-07-1983	15	120	120	H	125AQUI
KE Cb 54	KE-68-0030	Remington Farms	Shore	09-00-1968	30	205	205	H	211MTWN
KE Cb 55	KE-81-1311	Shirley, C	Kelley Drlg	09-05-1989	20	105	105	H	125AQUI
KE Cb 56	KE-81-1213	Remington Farms	Delmarva	04-13-1989	65	280	277	H	211MGTY
KE Cb 57	KE-81-1028	Remington Farms	Delmarva	09-17-1988	35	303	300	I	217PTMC
KE Cb 58	KE-73-0519	Remington Farms	W F Stewart	11-05-1976	25	67	67	H	125AQUI
KE Cb 59	KE-81-0196	Kimble, Gorden	Kelley Drlg	03-20-1984	25	88	88	H	125AQUI
KE Cb 60	KE-69-0118	Simpkins, Olan P	Kelley Drlg	07-16-1969	20	49	48	U	125AQUI
KE Cb 61	KE-73-0668	Simpkins, Olan P	R J Seward	11-14-1977	25	16	16	H	112CLMB
KE Cb 62	KE-02-2742	Carpenter, Mrs Lousia	Shannahan Ar	04-13-1956	25	250	249	U	211MGTY
KE Cb 63	KE-73-0090	Crismer, Lindy	American	05-05-1973	25	140	125	H	211MTWN
KE Cb 64	KE-81-1455	Bramble, David	Lifetime	05-09-1990	20	52	52	H	112CLMB
KE Cb 65	KE-67-0148	Eagle Hill Nursery	W F Stewart	04-21-1967	30	56	56	C	112CLMB
KE Cb 66	KE-81-0016	C & D Enterprises	Shannahan Ar	07-12-1982	15	185	185	P	211MGTY
KE Cb 67	KE-04-9807	Cannon, Dorothy	W F Stewart	06-01-1963	30	149	149	H	211MTWN
KE Cb 68	KE-81-0770	Bramble, David A	Kelley Drlg	10-01-1987	20	77	77	H	211MTWN
KE Cb 69	KE-05-4100	Bramble, David A	W F Stewart	09-18-1964	20	117	117	U	211MTWN
KE Cb 70	KE-71-0091	Tolchester Marina	Kelley Drlg	01-21-1972	5	42	42	U	112CLMB
KE Cb 71	KE-73-0151	Tolchester Marina	American	10-03-1973	5	37	32	C	112CLMB
KE Cb 72	KE-81-0362	Woyke, Iva	Kelley Drlg	07-17-1985	20	80	80	H	211MTWN
KE Cb 73	KE-81-1063	Joiner, Mark	Kelley Drlg	11-21-1988	20	80	80	H	211MTWN
KE Cb 74	KE-81-0793	Hagans, Vaughn	Kelley Drlg	11-05-1987	25	67	67	H	112CLMB
KE Cb 75	KE-70-0059	Tolchester Comm Assoc	W F Stewart	05-26-1970	25	65	65	H	112CLMB
KE Cb 76	KE-81-1166	Stone, Jim	Delmarva	01-09-1989	20	63	50	H	112CLMB

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
66	70	3	34.5	02-00-1951	20	5.55	3.64	8	02-00-1951	--	KE Cb 2
--	--	--	25.77	03-17-1952	--	--	--	--	--	--	KE Cb 3
--	--	--	--	--	--	--	--	--	--	--	KE Cb 4
--	--	--	--	--	--	--	--	--	--	Y	KE Cb 5
--	--	--	19.4	09-01-1979	--	--	--	--	--	O,Y	KE Cb 6
52	64	2	24	09-24-1964	15	36	0.42	8	09-24-1964	Y	KE Cb 7
--	--	--	32.2	03-17-1952	--	--	--	--	--	--	KE Cb 8
--	--	--	--	--	--	--	--	--	--	--	KE Cb 9
--	--	--	--	--	--	--	--	--	--	--	KE Cb 10
--	--	--	--	--	--	--	--	--	--	--	KE Cb 11
--	--	--	--	--	--	--	--	--	--	--	KE Cb 12
--	--	--	3.25	03-18-1952	--	--	--	--	--	--	KE Cb 13
--	--	--	19.3	03-18-1952	--	--	--	--	--	O	KE Cb 14
--	--	--	--	--	--	--	--	--	--	--	KE Cb 15
--	--	--	--	--	--	--	--	--	--	--	KE Cb 16
--	--	--	--	--	--	--	--	--	--	--	KE Cb 17
--	--	--	--	--	--	--	--	--	--	--	KE Cb 18
--	--	--	--	--	--	--	--	--	--	--	KE Cb 19
--	--	--	--	--	--	--	--	--	--	--	KE Cb 20
86	103	--	56.2	06-13-1951	8	27.88	0.29	--	06-13-1951	X	KE Cb 21
86	103	--	56.2	06-13-1951	8	23.8	0.34	8	06-13-1951	X	KE Cb 22
110.9	116.9	--	33.75	05-25-1951	40	26.25	1.52	8	05-25-1951	C	KE Cb 23
--	--	--	--	--	--	--	--	--	--	--	KE Cb 24
--	--	--	32.1	03-19-1952	--	--	--	--	--	--	KE Cb 25
109.9	116.9	--	31.8	06-01-1951	35	28.2	1.24	8	06-01-1951	--	KE Cb 26
--	--	--	--	--	--	--	--	--	--	--	KE Cb 27
--	--	--	13.2	03-20-1952	--	--	--	--	--	--	KE Cb 28
--	--	--	--	--	--	--	--	--	--	O	KE Cb 29
94.7	99.7	--	34	05-13-1953	30	29	1.03	16	05-13-1953	--	KE Cb 30
34	44	--	14.5	04-11-1955	13	2	6.50	24	04-12-1955	C	KE Cb 31
35	45	--	22.82	04-10-1963	19	5	3.80	24	04-02-1955	O	KE Cb 32
162	177	6	22.25	06-13-1957	41	39.5	1.04	24	05-31-1957	--	KE Cb 33
221	237	6	28.58	04-10-1963	60	45	1.33	4	06-21-1957	C,O	KE Cb 34
280	300	--	75	09-30-1969	68	193	0.35	3	09-30-1969	L	KE Cb 35
595	605	4	36	04-25-1978	5	9	0.56	7	04-25-1978	C,L,O,Q	KE Cb 36
425	435	2	89	12-12-1956	20	31	0.65	4	12-12-1956	--	KE Cb 37
--	--	--	--	--	--	--	--	--	--	--	KE Cb 38
580	650	6	81	12-23-1987	250	35	7.14	24	12-23-1987	--	KE Cb 39
270	301	4	33.02	09-28-1990	100	83	1.20	3	07-11-1988	L,O	KE Cb 40
86	96	4	32.28	10-18-1990	5	40	0.13	3	07-09-1980	L,O	KE Cb 41
67	77	4	30	03-24-1956	15	8	1.88	2	03-24-1956	--	KE Cb 42
130	140	4	47	05-14-1987	10	23	0.43	3	05-14-1987	--	KE Cb 43
90	100	4	22	07-02-1987	10	38	0.26	3	07-02-1987	--	KE Cb 44
84	96	4	3.15	10-10-1990	20	10	2.00	2.5	04-22-1981	O	KE Cb 45
69	74	4	4.2	10-10-1990	6	35	0.17	3	10-12-1979	--	KE Cb 46
47	54	2	12	04-28-1975	10	42	0.24	12	04-28-1975	--	KE Cb 47
70	85	4	9.48	10-10-1990	15	24	0.63	3	11-18-1986	--	KE Cb 48
145	155	4	45	09-25-1986	30	25	1.20	3	09-25-1986	--	KE Cb 49
64	79	--	18	04-19-1978	75	57	1.32	6	04-19-1978	--	KE Cb 50
92	142	6	18	10-14-1987	15	7	2.14	4	10-14-1987	--	KE Cb 51
40	50	6	6.48	11-08-1990	30	11	2.73	20	06-24-1987	--	KE Cb 52
100	120	2	19	04-07-1983	50	16	3.13	2	04-07-1983	--	KE Cb 53
195	205	6	19	09-00-1968	50	131	0.38	19	09-00-1968	--	KE Cb 54
90	105	4	35	09-05-1989	10	25	0.40	3	09-05-1989	--	KE Cb 55
267	277	2	64	04-13-1989	30	67	0.45	3	04-13-1989	O	KE Cb 56
260	298	8	40	09-17-1988	280	170	1.65	4	09-17-1988	--	KE Cb 57
40	67	3	8.36	09-28-1990	50	56	0.89	8	11-05-1976	O	KE Cb 58
78	88	4	13.58	10-10-1990	15	42	0.36	3	03-20-1984	--	KE Cb 59
40	48	4	12	07-16-1969	8	8	1.00	2	07-16-1969	--	KE Cb 60
15	16	--	10	11-14-1977	5	4	1.25	2	11-14-1977	--	KE Cb 61
239	249	2	24	04-13-1956	15	6	2.50	4	04-13-1956	--	KE Cb 62
115	125	4	20	05-05-1973	20	40	0.50	6	05-05-1973	--	KE Cb 63
47	52	4	32	05-09-1990	30	13	2.31	5	05-09-1990	Q	KE Cb 64
46	56	2	14.61	10-10-1990	70	40	1.75	8	04-21-1967	O	KE Cb 65
175	185	4	26	07-12-1982	35	21	1.67	1	07-12-1982	--	KE Cb 66
126	149	4	30.2	10-10-1990	100	93	1.08	6	06-01-1963	O	KE Cb 67
67	77	4	20	10-01-1987	8	25	0.32	3	10-01-1987	--	KE Cb 68
105	117	2	25	09-18-1964	150	85	1.76	8	09-18-1964	--	KE Cb 69
37	42	6	5	01-21-1972	40	17	2.35	2	01-21-1972	--	KE Cb 70
25	32	6	6	10-03-1973	40	14	2.86	2	10-03-1973	Q	KE Cb 71
72	80	4	30	07-17-1985	12	30	0.40	3	07-17-1985	--	KE Cb 72
70	80	4	30	11-21-1988	10	30	0.33	3	11-21-1988	--	KE Cb 73
57	67	4	23.21	10-10-1990	5	15	0.33	3	11-05-1987	--	KE Cb 74
57	60	2.5	25.31	10-10-1990	40	34	1.18	4	05-26-1970	O	KE Cb 75
43	50	4	24	01-09-1989	20	14	1.43	1.5	01-09-1989	--	KE Cb 76

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Cb 77	KE-05-3276	Stone, Jim	W F Stewart	08-07-1963	20	52	52	U	112CLMB
KE Cb 78	KE-81-0232	Merriken, Richard	Kelley Drlg	06-28-1984	20	105	105	H	211MTWN
KE Cb 79	KE-81-1356	Delario, Ann	Kelley Drlg	10-06-1989	20	60	60	H	112CLMB
KE Cb 80	KE-81-0072	Eliason, Margo	Delmarva	12-07-1982	25	60	53	H	112CLMB
KE Cb 81	KE-81-0159	Metzbower, Neal	Kelley Drlg	10-18-1983	25	50	50	H	112CLMB
KE Cb 82	KE-81-0043	Hagerty, Catherine	Kelley Drlg	09-03-1982	20	55	45	H	112CLMB
KE Cb 83	KE-81-0988	Greenwalt, Donald	Kelley Drlg	07-22-1988	15	75	75	H	211MTWN
KE Cb 84	KE-73-0511	Tiemeyer, Charles	James Slater	03-01-1977	25	50	50	H	211MTWN
KE Cb 85	KE-01-7527	Dierker, Frank	Ennis Bros	02-04-1955	30	56	56	U	112CLMB
KE Cb 86	KE-73-1046	Dierker, Frank	Delmarva	10-08-1980	30	66	66	I	112CLMB
KE Cb 87	KE-73-1006	Chitwood, Stephen	Kelley Drlg	08-04-1980	15	52	45	H	112CLMB
KE Cb 88	KE-81-0561	Conner, George	Kelley Drlg	10-17-1986	30	80	80	H	211MGTY
KE Cb 89	KE-05-7687	Camp Fairlee Manor	Delmarva	06-16-1964	20	140	130	T	211MGTY
KE Cb 90	KE-81-0217	Bennett, Barry	Kelley Drlg	05-16-1984	35	115	115	H	211MTWN
KE Cb 91	KE-81-0105	Frey, Kevin	Kelley Drlg	05-13-1983	25	130	130	H	211MGTY
KE Cb 92	KE-73-0272	Addy, Ernest	Shore	10-01-1974	25	144	144	H	211MGTY
KE Cb 93	KE-70-0033	Smith, Charles	M A Pentz	00-00-1969	35	167	167	H	211MTWN
KE Cb 94	KE-73-0991	Wilson, Barbara	Lifetime	06-09-1980	45	117	117	U	211MTWN
KE Cb 95	KE-04-7150	Nicholson, Albert T	W F Stewart	05-22-1962	45	107	107	U	211MTWN
KE Cb 96	KE-81-0461	Powers, William	American	03-05-1986	5	90	80	H	211MTWN
KE Cb 97	KE-88-0251	Md Geological Survey	Md Wtr Rsrc	08-15-1991	65.84	330	285	U	211MGTY
KE Cb 98	KE-88-0254	Md Geological Survey	Md Wtr Rsrc	08-22-1991	65.78	229	225	U	211MNMT
KE Cb 99	KE-88-0252	Md Geological Survey	Md Wtr Rsrc	08-26-1991	65.78	135	134	U	125AQUI
KE Cb 100	KE-88-0253	Md Geological Survey	Md Wtr Rsrc	08-27-1991	65.69	75	67	U	125AQUI
KE Cb 101	KE-88-0250	Md Geological Survey	Md Wtr Rsrc	09-16-1991	31.12	80	73	U	112CLMB
KE Cb 102	--	Md Geological Survey	Md Wtr Rsrc	09-23-1991	31	90	--	U	112CLMB
KE Cb 103	KE-88-0288	Md Geological Survey	CZ Enterpris	11-08-1991	65.6	420	404	U	217PTMC
KE Cc 1	KE-00-3605	Sawyer, R C	Ennis Bros	02-14-1949	65	170	168.5	U	125AQUI
KE Cc 2	--	Strong, Howard B	--	--	25	20.65	20.65	H	112CLMB
KE Cc 3	--	Dulin, C Quenton	--	00-00-1941	65	42	42	U	112CLMB
KE Cc 4	--	Redman, George	--	--	80	40.2	39.55	H	112CLMB
KE Cc 5	--	Loller, William	--	--	82	28.6	27.3	U	112CLMB
KE Cc 6	--	Willis, Chaplin L	--	--	85	22.5	22.5	H	112CLMB
KE Cc 7	--	Walbert, Solomon	--	--	40	21.6	21.6	H	112CLMB
KE Cc 8	--	Lecates, G S	--	--	65	31.5	31.5	H	112CLMB
KE Cc 9	--	Langdon, Walker B	--	--	65	43.3	43.3	H	112CLMB
KE Cc 10	--	Leaverton, Marian	--	00-00-1865	65	40	40	H	112CLMB
KE Cc 11	--	Hawkins, Charles	--	--	65	38.8	37.5	H	112CLMB
KE Cc 12	--	Redman, Theodore	--	00-00-1920	70	39	39	U	112CLMB
KE Cc 13	--	Kent Co Sanitary Comm	Ennis Bros	00-00-1949	50	--	--	U	--
KE Cc 14	--	Selcor Inc	--	--	35	26	26	U	112CLMB
KE Cc 15	--	Moffett, W Franklin	--	--	25	30.55	30.55	H	112CLMB
KE Cc 16	--	Harris, John A	--	00-00-1900	30	14.15	11.25	U	112CLMB
KE Cc 17	--	Johnson, Maimy B	--	--	15	20	20	H	112CLMB
KE Cc 18	--	Elaison, Thomas	--	--	65	--	--	H	112CLMB
KE Cc 19	--	Rusk, W R	--	--	45	40	40	H	112CLMB
KE Cc 20	--	Hadaway, Howard W	--	--	55	40	40	H	112CLMB
KE Cc 21	--	Moore, Brice Jr	Brooks Feed	--	40	--	--	H	--
KE Cc 22	--	Price, Kent S	--	--	65	42.3	42.3	U	112CLMB
KE Cc 23	--	Morris, E R	--	00-00-1850	60	15	15	H	112CLMB
KE Cc 24	--	Davis, Robert	--	00-00-1900	75	18.3	18.05	U	112CLMB
KE Cc 25	--	Nichols, I	--	--	65	26	26	H	112CLMB
KE Cc 26	--	Nicholson, Albert T	--	--	70	22.2	21.4	H	112CLMB
KE Cc 27	KE-01-9272	Price, Kent S	M A Pentz	05-31-1955	65	161	161	H	211MNMT
KE Cc 28	KE-81-1223	U.S. Geological Survey	USGS	05-03-1989	30	55	51.5	U	125AQUI
KE Cc 29	--	Bairmann, Gottfried	--	--	60	50.4	49.7	H	112CLMB
KE Cc 30	KE-04-6635	Dudley, John	M A Pentz	00-00-1962	80	100	97	H	125AQUI
KE Cc 31	KE-71-0054	Price, John	M A Pentz	12-19-1970	35	179	179	H	211MGTY
KE Cc 32	KE-73-0006	Welch, James G	Kelley Drlg	08-01-1972	55	197	197	H	211MGTY
KE Cc 33	KE-81-0570	Welch, J Gregory	American	09-30-1986	70	105	93	H	125AQUI
KE Cc 34	KE-73-1157	Loller, William C	Kelley Drlg	11-02-1981	80	50	45	H	112CLMB
KE Cc 35	KE-71-0031	Loller, William C	Kelley Drlg	03-20-1971	80	98	98	S	125AQUI
KE Cc 36	KE-73-0804	Loller, William C	Kelley Drlg	11-07-1978	85	55	50	S	112CLMB
KE Cc 37	KE-81-0353	Loller, William C	Kelley Drlg	06-17-1985	85	55	50	S	112CLMB
KE Cc 38	KE-81-0055	Fairlee Farms Inc	Delmarva	10-13-1982	85	170	160	H	211MNMT
KE Cc 39	KE-81-1146	Redman, Theodore	Kelley Drlg	11-30-1988	75	60	60	H	112CLMB
KE Cc 40	KE-04-0940	Redman, Theodore	W Crouch	08-08-1961	75	105	105	U	125AQUI
KE Cc 41	KE-81-1439	Kemp, James	Kelley Drlg	04-16-1990	70	68	68	H	125AQUI
KE Cc 42	KE-81-0527	Lyons, Larry	Kelley Drlg	01-05-1987	65	75	75	H	125AQUI
KE Cc 43	KE-73-0527	Hickman, Thomas	Kelley Drlg	12-17-1976	65	60	60	H	112CLMB
KE Cc 44	KE-81-0067	McBride, Patrick	W F Stewart	11-15-1982	60	52	52	H	112CLMB
KE Cc 45	KE-81-1355	Conner, Mark C	Kelley Drlg	10-04-1989	70	115	115	H	125AQUI
KE Cc 46	KE-81-1335	Cooper, Richard	Shore	12-08-1989	60	130	130	H	125AQUI
KE Cc 47	KE-81-0985	Wagner, Joseph	Lifetime	08-22-1988	65	63	63	H	125AQUI
KE Cc 48	KE-73-0609	Lieby, Edward M	Lifetime	08-16-1977	65	139	139	H	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
45	52	2	24	08-07-1963	30	13	2.31	6	08-07-1963	--	KE Cb 77
97	105	4	35	06-28-1984	30	35	0.86	3	06-28-1984	--	KE Cb 78
55	60	4	24	10-06-1989	8	21	0.38	3	10-06-1989	Q	KE Cb 79
43	53	4	26	12-07-1982	12	12	1.00	2	12-07-1982	--	KE Cb 80
42	50	4	28.05	11-20-1990	10	25	0.40	3	10-18-1983	--	KE Cb 81
39	45	4	14.83	11-20-1990	4	21	0.19	3	09-03-1982	--	KE Cb 82
65	75	4	10	07-22-1988	25	45	0.56	3	07-22-1988	--	KE Cb 83
40	47	2	20.89	11-20-1990	5	15	0.33	3	03-01-1977	--	KE Cb 84
49	56	--	24.2	02-04-1955	30	17.8	1.69	8	02-04-1955	--	KE Cb 85
50	60	4	22	10-08-1980	20	3	6.67	2.5	10-08-1980	--	KE Cb 86
40	45	4	15	08-04-1980	15	20	0.75	3	08-04-1980	--	KE Cb 87
73	80	4	26.51	09-20-1990	80	17	4.71	3	10-17-1986	O,Q	KE Cb 88
110	130	4	32	06-16-1964	30	--	--	6	06-16-1964	--	KE Cb 89
107	115	4	30	05-16-1984	20	40	0.50	3	05-16-1984	--	KE Cb 90
120	130	4	34.18	09-20-1990	40	46	0.87	3	05-13-1983	O	KE Cb 91
139	144	3	33.92	09-20-1990	30	27	1.11	10	10-01-1974	--	KE Cb 92
157	167	--	18	00-00-1969	35	25	1.40	1	00-00-1969	--	KE Cb 93
107	117	4	20	06-09-1980	20	60	0.33	6	06-09-1980	--	KE Cb 94
94	107	2	20	05-22-1962	20	68	0.29	8	05-22-1962	--	KE Cb 95
70	80	4	31	03-05-1986	20	29	0.69	2	03-05-1986	--	KE Cb 96
270	280	4	56.4	10-24-1991	3	94.34	0.03	1.5	05-06-1992	C,L,O,Q	KE Cb 97
210	220	4	42.42	10-24-1991	65	95.97	0.68	6	12-05-1991	C,O,Q	KE Cb 98
118	128	4	42.35	10-24-1991	77	29.86	2.58	6	11-12-1991	C,O,Q	KE Cb 99
52	62	4	39.79	10-24-1991	12	6.8	1.76	6	12-11-1991	C,O,Q	KE Cb 100
58	68	4	28.76	10-23-1991	4	17.38	0.23	0.5	05-05-1992	C,L,O,Q	KE Cb 101
--	--	--	--	--	--	--	--	--	--	--	KE Cb 102
389	399	4	68.05	12-09-1991	18.3	62.18	0.29	6	12-09-1991	C,L,O,Q	KE Cb 103
163.5	168.5	--	44	02-14-1949	30	40	0.75	--	02-14-1949	--	KE Cc 1
--	--	--	12.23	03-18-1952	--	--	--	--	--	--	KE Cc 2
--	--	--	39	03-00-1949	--	--	--	--	--	--	KE Cc 3
--	--	--	37.35	09-01-1979	--	--	--	--	--	--	KE Cc 4
--	--	--	17.2	09-01-1979	--	--	--	--	--	O	KE Cc 5
--	--	--	12.22	03-18-1952	--	--	--	--	--	--	KE Cc 6
--	--	--	14.74	03-18-1952	--	--	--	--	--	--	KE Cc 7
--	--	--	26.14	03-19-1952	--	--	--	--	--	--	KE Cc 8
--	--	--	40.7	03-19-1952	--	--	--	--	--	--	KE Cc 9
--	--	--	--	--	--	--	--	--	--	--	KE Cc 10
--	--	--	28.43	09-01-1979	--	--	--	--	--	O	KE Cc 11
--	--	--	29	03-19-1952	--	--	--	--	--	--	KE Cc 12
--	--	--	--	--	--	--	--	--	--	--	KE Cc 13
--	--	--	20	00-00-1952	--	--	--	--	--	--	KE Cc 14
--	--	--	26.15	03-20-1952	--	--	--	--	--	--	KE Cc 15
--	--	--	3.5	03-20-1952	--	--	--	--	--	O	KE Cc 16
--	--	--	--	--	--	--	--	--	--	--	KE Cc 17
--	--	--	--	--	--	--	--	--	--	--	KE Cc 18
--	--	--	--	--	--	--	--	--	--	--	KE Cc 19
--	--	--	36	00-00-1945	--	--	--	--	--	--	KE Cc 20
--	--	--	--	--	--	--	--	--	--	--	KE Cc 21
--	--	--	40.2	11-08-1955	--	--	--	--	--	--	KE Cc 22
--	--	--	11	00-00-1952	--	--	--	--	--	--	KE Cc 23
--	--	--	2.52	03-20-1952	--	--	--	--	--	--	KE Cc 24
--	--	--	19	00-00-1952	--	--	--	--	--	--	KE Cc 25
--	--	--	12.52	09-01-1979	--	--	--	--	--	--	KE Cc 26
106	161	4	51	05-31-1955	15	9	1.67	2	05-31-1955	--	KE Cc 27
48.5	51.5	2	--	--	--	--	--	--	--	O	KE Cc 28
--	--	--	43.35	09-01-1979	--	--	--	--	--	O	KE Cc 29
87	97	4	30	00-00-1962	7	45	0.16	3	00-00-1962	--	KE Cc 30
169	179	--	31	12-19-1970	12	36	0.33	2	12-19-1970	--	KE Cc 31
185	197	4	50	08-01-1972	30	50	0.60	1	08-01-1972	--	KE Cc 32
73	93	4	27	09-30-1986	20	33	0.61	4	09-30-1986	--	KE Cc 33
38	45	4	19	11-02-1981	8	16	0.50	3	11-02-1981	--	KE Cc 34
90	98	4	35	03-20-1971	15	55	0.27	2	03-20-1971	--	KE Cc 35
40	50	4	21	11-07-1978	10	19	0.53	3	11-07-1978	--	KE Cc 36
40	50	4	16.46	10-17-1990	15	22	0.68	3	06-17-1985	O	KE Cc 37
145	160	4	45	10-13-1982	15	75	0.20	3	10-13-1982	--	KE Cc 38
50	60	4	20	11-30-1988	10	15	0.67	3	11-30-1988	--	KE Cc 39
90	105	--	40	08-08-1961	12	--	--	36	08-08-1961	--	KE Cc 40
58	68	4	15	04-16-1990	15	35	0.43	3	04-16-1990	--	KE Cc 41
67	75	4	25	01-05-1987	20	35	0.57	3	01-05-1987	--	KE Cc 42
55	60	4	20	12-17-1976	30	20	1.50	3	12-17-1976	--	KE Cc 43
47	52	3	20	11-15-1982	35	30	1.17	3	11-15-1982	--	KE Cc 44
105	115	4	18.25	10-11-1990	8	60	0.13	3	10-04-1989	O	KE Cc 45
120	130	4	33	12-08-1989	20	27	0.74	6	12-08-1989	--	KE Cc 46
53	63	4	19	08-22-1988	25	31	0.81	5	08-22-1988	--	KE Cc 47
119	139	4	38.18	09-28-1990	15	35	0.43	6	08-16-1977	O	KE Cc 48

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Cc 49	KE-81-0978	Forni, Garrett	Lifetime	08-26-1988	65	83	83	H	112CLMB
KE Cc 50	KE-81-0828	Moore, Mike	Kelley Drlg	11-05-1987	65	70	70	H	112CLMB
KE Cc 51	KE-66-0048	Golts, Crawford	W F Stewart	12-14-1965	65	80	80	H	112CLMB
KE Cc 52	KE-81-0419	Waterfield, Eben	Lifetime	10-10-1985	65	68	68	U	112CLMB
KE Cc 53	KE-73-1143	Waterfield, Eben	Delmarva	10-08-1981	60	180	180	U	125AQUI
KE Cc 54	KE-73-0557	Dulin, C Quenton	Kelley Drlg	05-04-1977	65	80	80	H	112CLMB
KE Cc 55	KE-81-0139	Bradley, Wayne	Kelley Drlg	08-23-1983	65	115	115	H	125AQUI
KE Cc 56	KE-81-0310	Redman, Theodore C	W F Stewart	03-27-1985	85	70	70	H	112CLMB
KE Cc 57	KE-81-0630	Hastings, Paul	Lifetime	04-14-1987	25	135	135	H	125AQUI
KE Cc 58	KE-68-0022	Selcor Inc	Delmarva	09-12-1967	35	80	75	H	125AQUI
KE Cc 59	KE-73-0918	Brice, Carter	Kelley Drlg	10-19-1979	30	74	74	H	112CLMB
KE Cc 60	KE-81-0156	Brice, Carter	Lifetime	10-29-1983	30	75	75	H	112CLMB
KE Cc 61	KE-81-0887	Harris, John	Kelley Drlg	04-18-1988	30	100	100	H	125AQUI
KE Cc 62	KE-05-1981	Suydam, Joseph	Middletown	06-06-1963	15	110	108	H	125AQUI
KE Cc 63	KE-04-5735	Duley	Middletown	12-21-1961	60	157	157	H	125AQUI
KE Cc 64	KE-81-1065	Borne, Michael	Shore	03-20-1989	50	152	152	H	125AQUI
KE Cc 65	KE-81-0927	Sisco, Cornelius O	Kelley Drlg	05-26-1988	25	85	85	H	125AQUI
KE Cc 66	KE-81-0578	Walls, Blane	Kelley Drlg	09-24-1986	20	80	80	H	125AQUI
KE Cc 67	KE-81-1064	Waterfield, Eben	Kelley Drlg	11-23-1988	45	100	100	H	125AQUI
KE Cc 68	KE-81-0686	Waterfield, J	Kelley Drlg	05-11-1987	45	100	100	H	112CLMB
KE Cc 69	KE-81-0090	Anthony, James T	Delmarva	10-06-1983	40	78	75	H	112CLMB
KE Cc 70	KE-67-0052	Hubbard, Wilbur	Shore	11-17-1966	45	119	119	H	125AQUI
KE Cc 71	KE-81-1294	Beck, Larry	Lifetime	08-24-1989	50	100	100	H	112CLMB
KE Cc 72	KE-73-1198	Brampton B & B	Shore	05-17-1982	50	120	120	H	125AQUI
KE Cc 73	KE-81-1157	Reed, Roger	Kelley Drlg	02-20-1989	35	112	112	H	125AQUI
KE Cc 74	KE-81-1425	Chester River Group I	Lifetime	04-12-1990	35	100	100	H	125AQUI
KE Cc 75	KE-81-1281	Loller, Thomas	American	06-14-1989	70	130	130	H	125AQUI
KE Cc 76	KE-81-0307	Rainbow Equipment Co	W F Stewart	03-02-1985	25	62	62	C	112CLMB
KE Cc 77	KE-81-0933	Kirk, William	Kelley Drlg	07-28-1988	65	120	120	S	125AQUI
KE Cc 78	KE-73-0664	Moffett, Robert	Lifetime	10-25-1977	70	86	86	H	125AQUI
KE Cc 79	KE-03-3125	Hubbard, Wilbur	Ennis Bros	12-22-1958	65	91	91	H	125AQUI
KE Cc 80	KE-67-0101	Whitehill, Joseph	W F Stewart	02-06-1967	40	70	70	H	125AQUI
KE Cc 81	KE-81-0486	LaPlaca, Richard	Kelley Drlg	05-03-1986	30	65	65	H	125AQUI
KE Cc 82	KE-73-0423	Adams, Robert	Shore	04-28-1976	35	54	54	H	125AQUI
KE Cc 83	KE-81-0304	Wallace, J	Kelley Drlg	01-15-1985	70	43	43	H	112CLMB
KE Cc 84	KE-81-1158	Pratt, Lindsey	American	02-20-1989	65	120	120	H	125AQUI
KE Cc 85	KE-81-0652	Blakeney, John	Kelley Drlg	03-23-1987	55	80	80	H	125AQUI
KE Cc 86	KE-73-0494	Kendall, Hubbard	M A Pentz	09-23-1976	60	133	133	H	125AQUI
KE Cc 87	KE-81-0761	Clark, Kevin D	Kelley Drlg	10-26-1987	65	80	80	H	125AQUI
KE Cc 88	KE-73-0101	Elks Lodge	Shore	10-04-1973	60	136	136	H	125AQUI
KE Cc 89	KE-73-0602	Stoops, Clark	W F Stewart	06-24-1977	65	76	76	H	125AQUI
KE Cc 90	KE-66-0037	Kimble, Wesley	W F Stewart	09-16-1965	65	129	129	H	125AQUI
KE Cc 91	KE-05-1057	WCTR	W F Stewart	04-16-1963	60	65	65	C	112CLMB
KE Cc 92	KE-81-0503	Kimble, Kevin	Kelley Drlg	06-05-1986	65	65	65	H	125AQUI
KE Cc 93	KE-73-0401	Clark, Thomas	Shore	02-24-1976	60	117	117	H	125AQUI
KE Cc 94	KE-73-0415	Morris, Walter Jr	Shore	03-15-1976	65	115	115	H	125AQUI
KE Cc 95	KE-73-0817	Hudson, Frank	Kelley Drlg	11-13-1978	70	120	112	I	125AQUI
KE Cc 96	KE-73-0648	Davis, Robert	Kelley Drlg	04-05-1978	75	101	101	H	125AQUI
KE Cc 97	KE-81-0138	Meeks, Francis	Kelley Drlg	08-09-1987	75	90	90	H	125AQUI
KE Cc 98	KE-73-0964	Kent Co Sanitary Comm	Shannahan Ar	01-28-1980	79.24	96	76	U	125AQUI
KE Cc 99	KE-73-0965	Kent Co Sanitary Comm	Shannahan Ar	01-29-1980	79.71	96	76	U	125AQUI
KE Cc 100	KE-73-0963	Kent Co Sanitary Comm	Shannahan Ar	01-25-1980	34.16	65	65	U	125AQUI
KE Cc 101	KE-81-1066	Kent Co Sanitary Comm	Delmarva	10-28-1988	90.47	52	50	U	125AQUI
KE Cc 102	KE-81-1067	Kent Co Sanitary Comm	Delmarva	12-28-1988	90.17	165	160	U	211MNMT
KE Cc 103	KE-81-1068	Kent Co Sanitary Comm	Delmarva	11-02-1988	90.54	67	65	U	125AQUI
KE Cc 104	KE-81-1069	Kent Co Sanitary Comm	Delmarva	12-29-1988	90.5	165	165	U	211MNMT
KE Cc 105	KE-81-1072	Kent Co Sanitary Comm	Delmarva	11-22-1988	52.05	32	30	U	125AQUI
KE Cc 106	KE-81-1073	Kent Co Sanitary Comm	Delmarva	12-21-1988	51.82	200	195	U	211MTWN
KE Cc 107	KE-81-1074	Kent Co Sanitary Comm	Delmarva	12-01-1988	77.29	52	50	U	125AQUI
KE Cc 108	KE-81-1075	Kent Co Sanitary Comm	Delmarva	01-24-1989	77.54	143	140	U	211MNMT
KE Cc 109	KE-81-1078	Kent Co Sanitary Comm	Delmarva	11-30-1988	64.62	37	35	U	125AQUI
KE Cc 110	KE-81-1079	Kent Co Sanitary Comm	Delmarva	12-26-1988	64.49	140	136	U	211MNMT
KE Cc 111	KE-81-1080	Kent Co Sanitary Comm	Delmarva	11-07-1988	79.38	52	50	U	125AQUI
KE Cc 112	KE-81-1081	Kent Co Sanitary Comm	Delmarva	12-30-1988	79.53	140	140	U	211MNMT
KE Cc 113	KE-81-1082	Kent Co Sanitary Comm	Delmarva	11-11-1988	77.71	52	50	U	125AQUI
KE Cc 114	KE-81-1083	Kent Co Sanitary Comm	Delmarva	01-04-1989	76.75	142.4	142.4	U	211MNMT
KE Cc 115	KE-81-1084	Kent Co Sanitary Comm	Delmarva	11-14-1988	65.99	42	40	U	125AQUI
KE Cc 116	KE-81-1085	Kent Co Sanitary Comm	Delmarva	01-13-1989	65.32	121.8	121.8	U	211MNMT
KE Cc 117	KE-81-1086	Kent Co Sanitary Comm	Delmarva	11-15-1988	30.34	22	20	U	125AQUI
KE Cc 118	KE-81-1087	Kent Co Sanitary Comm	Delmarva	01-07-1989	30.36	145	140	U	211MTWN
KE Cc 119	KE-81-1088	Kent Co Sanitary Comm	Delmarva	10-13-1988	84.56	42	40	U	125AQUI
KE Cc 120	KE-81-1089	Kent Co Sanitary Comm	Delmarva	10-17-1988	83.69	47	45	U	125AQUI
KE Cc 121	KE-81-1091	Kent Co Sanitary Comm	Delmarva	10-20-1988	92.14	87	85	U	125AQUI
KE Cc 122	KE-81-1091	Kent Co Sanitary Comm	Delmarva	10-27-1988	83.74	72	70	U	125AQUI
KE Cc 123	KE-81-1092	Kent Co Sanitary Comm	Delmarva	11-23-1988	54.39	47	40	U	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
73	83	4	26	08-26-1988	25	34	0.74	5	08-26-1988	--	KE Cc 49
60	70	4	32	11-05-1987	5	25	0.20	3	11-05-1987	--	KE Cc 50
72	80	2	43	12-14-1965	20	37	0.54	6	12-14-1965	--	KE Cc 51
62	68	4	55	10-10-1985	10	11	0.91	5	10-10-1985	--	KE Cc 52
160	180	4	38	10-08-1981	35	62	0.56	2	10-08-1981	--	KE Cc 53
75	80	4	41	05-04-1977	8	29	0.28	3	05-04-1977	--	KE Cc 54
107	115	4	36.31	09-28-1990	12	45	0.27	3	08-23-1983	--	KE Cc 55
65	70	3	30	03-27-1985	30	38	0.79	4	03-27-1985	--	KE Cc 56
125	135	4	31	04-14-1987	25	49	0.51	5	04-14-1987	--	KE Cc 57
65	75	4	30	09-12-1967	25	35	0.71	2	09-12-1967	--	KE Cc 58
69	74	4	16	10-19-1979	12	34	0.35	3	10-19-1979	--	KE Cc 59
68	75	4	30	10-29-1983	12	35	0.34	5	10-29-1983	--	KE Cc 60
90	100	4	23.83	09-28-1990	10	21	0.48	3	04-18-1988	O,Q	KE Cc 61
102	108	4	14.7	06-06-1963	20	35.3	0.57	4	06-06-1963	--	KE Cc 62
145	157	4	46.7	12-21-1961	25	43.3	0.58	4	12-21-1961	--	KE Cc 63
142	152	2	41	03-20-1989	25	59	0.42	6	03-20-1989	--	KE Cc 64
75	85	4	20	05-26-1988	8	30	0.27	3	05-26-1988	--	KE Cc 65
70	80	4	25	09-24-1986	15	35	0.43	3	09-24-1986	--	KE Cc 66
90	100	4	32	11-23-1988	40	28	1.43	3	11-23-1988	--	KE Cc 67
90	100	4	30	05-11-1987	15	40	0.38	2	05-11-1987	--	KE Cc 68
65	75	4	31.37	11-09-1990	20	17	1.18	2	10-06-1983	--	KE Cc 69
114	119	4	34	11-17-1966	15	58	0.26	6	11-17-1966	--	KE Cc 70
90	100	4	30	08-24-1989	50	50	1.00	5	08-24-1989	--	KE Cc 71
115	120	3	37	05-17-1982	20	47	0.43	8	05-17-1982	--	KE Cc 72
92	112	4	14	02-20-1989	10	66	0.15	3	02-20-1989	--	KE Cc 73
90	100	4	15	04-12-1990	30	45	0.67	5	04-12-1990	--	KE Cc 74
120	130	4	51	06-14-1989	10	64	0.16	3	06-14-1989	--	KE Cc 75
57	62	3	3	03-02-1985	20	57	0.35	4	03-02-1985	--	KE Cc 76
110	120	4	35.2	11-09-1990	12	56	0.21	3	07-28-1988	--	KE Cc 77
66	86	4	40	10-25-1977	20	20	1.00	7	10-25-1977	--	KE Cc 78
84.8	91	--	52	12-22-1958	35	32	1.09	8	12-22-1958	--	KE Cc 79
64	70	2	30	02-06-1967	25	40	0.63	6	02-06-1967	--	KE Cc 80
58	65	4	24	05-03-1986	10	21	0.48	3	05-03-1986	--	KE Cc 81
49	54	3	9	04-28-1976	25	33	0.76	8	04-28-1976	--	KE Cc 82
38	43	4	37.43	11-09-1990	10	23	0.43	3	01-15-1985	--	KE Cc 83
115	120	4	27.5	11-09-1990	30	16.5	1.82	2.5	02-20-1989	--	KE Cc 84
70	80	4	20	03-23-1987	15	20	0.75	3	03-23-1987	--	KE Cc 85
126	133	2	19.15	11-09-1990	30	17	1.76	2	09-23-1976	--	KE Cc 86
70	80	4	30.73	11-09-1990	10	30	0.33	3	10-26-1987	--	KE Cc 87
126	136	3	25	10-04-1973	25	38	0.66	8	10-04-1973	--	KE Cc 88
67	76	2	24.95	11-09-1990	50	45	1.11	3	06-24-1977	--	KE Cc 89
116	129	2	26	09-16-1965	70	103	0.68	6	09-16-1965	--	KE Cc 90
53	65	2	35	04-16-1963	10	25	0.40	4	04-16-1963	--	KE Cc 91
55	65	4	28.25	10-09-1990	8	23	0.35	3	06-05-1986	O	KE Cc 92
112	117	3	23	02-24-1976	17	40	0.42	8	02-24-1976	--	KE Cc 93
110	115	3	23.14	10-09-1990	15	56	0.27	8	03-15-1976	--	KE Cc 94
102	112	4	15	11-13-1978	20	65	0.31	3	11-13-1978	--	KE Cc 95
95	101	4	7.09	10-09-1990	10	30	0.33	3	04-05-1978	--	KE Cc 96
80	90	4	8	08-09-1987	12	52	0.23	3	08-09-1987	--	KE Cc 97
66	76	4	35.7	04-28-1989	--	--	--	--	--	--	KE Cc 98
66	76	4	34	04-28-1989	--	--	--	--	--	--	KE Cc 99
55	65	4	3.8	04-28-1989	--	--	--	--	--	--	KE Cc 100
40	50	4	34.2	04-28-1989	1	5	0.20	4	10-28-1988	O	KE Cc 101
150	160	4	44.1	04-28-1989	7	117	0.06	2	12-28-1988	L,O	KE Cc 102
55	65	4	52.9	04-28-1989	1	7	0.14	4	11-02-1988	O	KE Cc 103
150	160	4	53	04-28-1989	4	103	0.04	2	12-29-1988	L,O	KE Cc 104
20	30	4	19.9	04-28-1989	1	4	0.25	2	11-22-1988	--	KE Cc 105
185	195	4	26.4	04-28-1989	1.5	100	0.01	2	12-21-1988	L	KE Cc 106
40	50	4	43.7	04-28-1989	1	2	0.50	2	12-01-1988	O	KE Cc 107
130	140	4	44.6	04-28-1989	5	54	0.09	2	01-24-1989	L,O	KE Cc 108
25	35	4	22.3	04-28-1989	2	6	0.33	2	11-30-1988	--	KE Cc 109
126	136	4	25	04-28-1989	6	73	0.08	2	12-26-1988	L	KE Cc 110
40	50	4	35.1	04-28-1989	1	10	0.10	2	11-07-1988	--	KE Cc 111
130	140	4	37.6	04-28-1989	3	75	0.04	2	12-30-1988	L	KE Cc 112
40	50	4	39	04-28-1989	1	5	0.20	3	11-11-1988	--	KE Cc 113
120	130	4	40.1	04-28-1989	4	73	0.05	2	01-04-1989	L	KE Cc 114
30	40	4	30.3	04-28-1989	1	5	0.20	2	11-14-1988	--	KE Cc 115
110	120	4	31.1	04-28-1989	5	71	0.07	2	01-13-1989	L	KE Cc 116
10	20	4	1.75	04-28-1989	3	10	0.30	2	11-15-1988	O	KE Cc 117
130	140	4	2.7	04-28-1989	20	62	0.32	2	01-07-1989	L,O	KE Cc 118
30	40	2	26.2	04-28-1989	2	10	0.20	2	10-13-1988	--	KE Cc 119
35	45	2	42.1	04-28-1989	1	2	0.50	2	10-17-1988	--	KE Cc 120
65	85	2	55	04-28-1989	1	5	0.20	2	10-20-1988	--	KE Cc 121
50	70	2	48.9	04-28-1989	1	5	0.20	2	10-27-1988	--	KE Cc 122
30	40	2	20.65	04-28-1989	3	10	0.30	2	11-23-1988	--	KE Cc 123

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Cc 124	KE-81-1093	Kent Co Sanitary Comm	Delmarva	11-10-1988	79.06	52	50	U	125AQUI
KE Cc 125	KE-81-1094	Kent Co Sanitary Comm	Delmarva	11-10-1988	80.64	52	50	U	125AQUI
KE Cc 126	KE-81-1095	Kent Co Sanitary Comm	Delmarva	11-09-1988	77.97	52	50	U	125AQUI
KE Cc 127	KE-81-0975	Hepbron, William	American	12-01-1988	80	95	95	H	125AQUI
KE Cc 128	KE-81-1440	Snyder, J Roy	American	00-00-1990	60	110	110	H	112CLMB
KE Cc 129	KE-81-1289	Nicholson, Richard	American	11-20-1989	60	100	100	H	112CLMB
KE Cc 130	KE-81-0906	Horsey, Gary	American	05-26-1988	80	102	102	H	125AQUI
KE Cc 131	KE-81-1424	Nicholson, Richard	Delmarva	06-05-1990	35	95	95	H	125AQUI
KE Cd 1	KE-00-7576	--	M A Pentz	04-04-1951	65	120	120	U	125AQUI
KE Cd 2	KE-00-0894	Chestertown Utilities	Shannahan Ar	11-15-1946	15	82	82	P	125AQUI
KE Cd 3	--	Getty Oil Co	Shannahan Ar	00-00-1908	10	1135	1135	U	217PTMC
KE Cd 4	KE-00-5037	Schauber, Robert	M A Pentz	12-01-1949	65	72	72	H	125AQUI
KE Cd 5	--	Gibson, F	O McGinnis	00-00-1947	65	130	130	H	125AQUI
KE Cd 6	KE-00-3703	Davis, R L	Ennis Bros	03-10-1949	65	72	71	H	125AQUI
KE Cd 7	KE-00-4170	Slagle, Charles W	Ennis Bros	06-23-1949	65	75.7	70.8	H	125AQUI
KE Cd 8	KE-00-4711	Buckingham Farms	Jerome Unruh	09-14-1949	25	81	81	U	125AQUI
KE Cd 9	KE-00-9298	Buckingham Farms	Jerome Unruh	03-00-1951	70	127	127	U	125AQUI
KE Cd 10	KE-00-9289	Kane, Brian	Jerome Unruh	07-00-1951	10	27	27	H	125AQUI
KE Cd 11	KE-00-9276	Usilton, W B	Jerome Unruh	07-00-1951	25	70	70	H	125AQUI
KE Cd 12	KE-00-9277	Roe, D	Jerome Unruh	07-00-1951	10	27	27	H	125AQUI
KE Cd 13	KE-00-9283	Albrecht, F R	Jerome Unruh	09-00-1951	30	166	166	H	125AQUI
KE Cd 14	KE-00-9303	Harris, Edward	Jerome Unruh	07-00-1950	30	63	63	H	125AQUI
KE Cd 15	KE-00-9254	Jewell Brothers	Jerome Unruh	08-00-1950	60	141	141	U	125AQUI
KE Cd 16	KE-00-9275	Starr, R L	Jerome Unruh	07-00-1951	60	82	82	H	125AQUI
KE Cd 17	--	Schauber, Bradford	--	00-00-1948	25	25.4	25.4	U	112CLMB
KE Cd 18	--	Schauber, Bradford	--	--	25	20.6	20.6	U	112CLMB
KE Cd 19	--	Stryckning, S	--	00-00-1925	20	--	--	H	--
KE Cd 20	--	Masdin, William J	--	00-00-1930	20	26	26	H	112CLMB
KE Cd 21	--	Vita Foods Inc	Ennis Bros	00-00-1944	40	128	128	U	125AQUI
KE Cd 22	--	Koontz Dairy	--	00-00-1947	65	140	140	U	125AQUI
KE Cd 23	KE-01-2896	Baldwin, William	Middletown	08-00-1953	10	85	85	C	125AQUI
KE Cd 24	KE-01-0060	Cronshaw, W	M A Pentz	05-21-1952	65	87	87	H	125AQUI
KE Cd 25	KE-01-0704	Tull	Middletown	09-08-1952	10	66	66	H	125AQUI
KE Cd 26	KE-01-0705	Coor, Read	Middletown	09-29-1952	15	85	85	H	125AQUI
KE Cd 27	KE-01-1195	Coleman	Jerome Unruh	01-30-1955	20	70	70	H	125AQUI
KE Cd 28	KE-01-1990	Sutton, Albert	Middletown	05-25-1953	65	75	75	H	125AQUI
KE Cd 29	KE-01-3208	Brown, A A	Jerome Unruh	09-07-1953	25	83	83	H	125AQUI
KE Cd 30	--	Anthony & Associates	Jerome Unruh	01-00-1954	65	80	80	U	125AQUI
KE Cd 31	KE-01-4900	--	M A Pentz	04-21-1954	10	100	100	H	125AQUI
KE Cd 32	KE-01-4368	Vita Foods Inc	S Shannahan	10-23-1954	65	143	143	U	125AQUI
KE Cd 33	KE-01-2008	Chestertown Utilities	Shannahan Ar	06-08-1953	20	95	95	P	125AQUI
KE Cd 34	KE-02-1826	Vita Foods Inc	S Shannahan	05-20-1956	20	132	129	U	125AQUI
KE Cd 35	KE-02-0742	Chester R Yt & Ctry Cl	S Shannahan	06-24-1955	10	86	85	C	125AQUI
KE Cd 36	KE-02-2280	LaMotte Chemical Prod	Ennis Bros	03-22-1956	65	253	253	U	211MNMT
KE Cd 37	--	Chestertown Utilities	Shannahan Ar	00-00-1934	15	81	81	P	125AQUI
KE Cd 38	--	Chestertown Utilities	Shannahan Ar	00-00-1936	15	83	83	U	125AQUI
KE Cd 39	--	Chestertown Utilities	Shannahan Ar	00-00-1901	15	583	583	U	217PTMC
KE Cd 40	--	Chestertown Utilities	Kelley Drlg	12-00-1930	15	76.7	76.7	U	125AQUI
KE Cd 41	--	Chestertown Utilities	Kelley Drlg	12-00-1930	10	67.3	67.3	P	125AQUI
KE Cd 42	KE-03-5219	Campbell Soup Co	Jerome Unruh	08-15-1959	51	90	84	N	125AQUI
KE Cd 43	KE-03-5619	Campbell Soup Co	Jerome Unruh	07-24-1959	50	227	80.2	U	125AQUI
KE Cd 44	KE-03-6139	Campbell Soup Co	Shannahan Ar	09-18-1959	50	85	84	U	125AQUI
KE Cd 45	KE-03-6140	Campbell Soup Co	Shannahan Ar	09-18-1959	50	106	97.2	N	125AQUI
KE Cd 46	KE-03-7131	Campbell Soup Co	Shannahan Ar	10-29-1959	55	106	98	U	125AQUI
KE Cd 47	KE-03-7132	Campbell Soup Co	Shannahan Ar	10-22-1959	50	92	90.7	N	125AQUI
KE Cd 48	KE-03-7133	Campbell Soup Co	Shannahan Ar	10-22-1959	55	96	94.5	N	125AQUI
KE Cd 49	KE-66-0017	Campbell Soup Co	Shannahan Ar	09-09-1965	51	408	390	U	211MGTY
KE Cd 50	KE-66-0086	Campbell Soup Co	Shannahan Ar	03-08-1966	51	397	397	N	211MGTY
KE Cd 51	KE-66-0014	Campbell Soup Co	Shannahan Ar	08-13-1965	50	105.3	90.3	U	125AQUI
KE Cd 52	KE-66-0013	Campbell Soup Co	Shannahan Ar	08-12-1965	50	105.3	104.7	U	125AQUI
KE Cd 53	--	Chestertown Utilities	--	--	15	60	60	U	125AQUI
KE Cd 54	KE-81-1296	Campbell Soup Co	Delmarva	07-24-1989	45	650	586	U	217PTMC
KE Cd 55	KE-02-2165	Leaverton, Howard S Jr	M A Pentz	02-14-1956	70	145	145	U	125AQUI
KE Cd 56	KE-73-0087	Leaverton, Howard S Jr	M A Pentz	04-24-1973	70	170	170	H	211MNMT
KE Cd 57	KE-81-0089	Van Dyke, Robert	Kelley Drlg	03-16-1983	65	120	120	H	125AQUI
KE Cd 58	KE-81-0144	Suds & Soda	Delmarva	08-26-1983	75	125	122	C	125AQUI
KE Cd 59	KE-69-0100	Paradee Oil Co	W F Stewart	05-28-1969	65	96	96	C	125AQUI
KE Cd 60	KE-81-0845	Ames, Peter E	American	04-14-1988	65	125	125	H	125AQUI
KE Cd 61	KE-81-0826	Sommers, Charles W	Kelley Drlg	01-04-1988	60	120	120	H	125AQUI
KE Cd 62	KE-73-0264	Collier's	Shore	09-20-1974	65	112	112	C	125AQUI
KE Cd 63	KE-81-0417	Anthony & Associates	Lifetime	10-25-1985	65	118	117	C	125AQUI
KE Cd 64	KE-81-0425	Speakman Co	Collier Well	11-16-1985	70	150	150	C	125AQUI
KE Cd 65	KE-81-1246	Harding	Kelley Drlg	05-26-1989	70	120	120	H	125AQUI
KE Cd 66	KE-65-0115	Trinity Assmbly of God	M A Pentz	08-06-1964	60	147	147	H	125AQUI
KE Cd 67	KE-73-0824	Kerr, Ruth	Kelley Drlg	12-13-1978	60	102	100	H	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
40	50	2	35.7	04-28-1989	1	10	0.10	2	11-10-1988	--	KE Cc 124
40	50	2	37	04-28-1989	1	9	0.11	3	11-10-1988	--	KE Cc 125
40	50	2	35.9	04-28-1989	1	10	0.10	2	11-09-1988	--	KE Cc 126
80	90	4	48	12-01-1988	15	32	0.47	2	12-01-1988	--	KE Cc 127
90	100	4	44	00-00-1990	30	71	0.42	2	00-00-1990	--	KE Cc 128
75	85	4	8	11-20-1989	10	42	0.24	2	11-20-1989	--	KE Cc 129
--	--	--	29	05-26-1988	27	35	0.77	2	05-26-1988	--	KE Cc 130
82	90	4	12	06-05-1990	36	58	0.62	1	06-05-1990	--	KE Cc 131
110	120	4	54	04-04-1951	10	9	1.11	2	04-04-1951	--	KE Cd 1
--	--	--	17	11-15-1946	250	49	5.10	12	11-15-1946	Q	KE Cd 2
--	--	--	--	--	50	--	--	--	00-00-1920	--	KE Cd 3
62	72	4	39	12-01-1949	10	7	1.43	2	12-01-1949	--	KE Cd 4
--	--	--	--	--	--	--	--	--	--	--	KE Cd 5
66	71	--	49.5	03-10-1949	20	20.5	0.98	--	03-10-1949	C	KE Cd 6
65.8	70.8	--	47.4	06-23-1949	17	20.6	0.83	--	06-23-1949	--	KE Cd 7
73	81	3	25	09-14-1949	6	35	0.17	8	09-14-1949	--	KE Cd 8
112	127	--	60.5	03-00-1951	20	20	1.00	10	03-00-1951	--	KE Cd 9
23	27	3	3	07-00-1951	25	17	1.47	6	07-00-1951	--	KE Cd 10
62	70	3	30	07-00-1951	10	25	0.40	5	07-00-1951	--	KE Cd 11
23	27	3	8.5	07-00-1951	20	16.5	1.21	5	07-00-1951	--	KE Cd 12
158	166	3	22	09-00-1951	15	58	0.26	5	09-00-1951	C,X	KE Cd 13
55	63	3	30.5	07-00-1950	10	22.3	0.45	5	07-00-1950	--	KE Cd 14
133	141	3	40	08-00-1950	20	20	1.00	10	08-00-1950	Q	KE Cd 15
74	82	3	47	07-00-1951	10	21	0.48	5	07-00-1951	--	KE Cd 16
--	--	--	20.95	03-21-1952	--	--	--	--	--	--	KE Cd 17
--	--	--	16.85	03-21-1952	--	--	--	--	--	--	KE Cd 18
--	--	--	--	--	--	--	--	--	--	--	KE Cd 19
--	--	--	17	00-00-1952	--	--	--	--	--	--	KE Cd 20
--	--	--	26.65	01-31-1956	170	--	--	--	00-00-1952	--	KE Cd 21
--	--	--	--	--	--	--	--	--	--	--	KE Cd 22
77	85	3	12	08-00-1953	15	51	0.29	10	08-00-1953	--	KE Cd 23
80	87	4	37	05-21-1952	10	6	1.67	2	05-21-1952	--	KE Cd 24
58	66	3	5	09-08-1952	30	35	0.86	10	09-08-1952	--	KE Cd 25
77	85	3	9	09-29-1952	20	54	0.37	8	09-29-1952	--	KE Cd 26
66	70	3	16	01-30-1953	20	24	0.83	8	01-30-1955	--	KE Cd 27
66	74	3	38	05-25-1953	10	25	0.40	5	05-25-1953	--	KE Cd 28
75	83	4	28	09-07-1953	12	37	0.32	4	09-07-1953	--	KE Cd 29
--	--	--	--	--	--	--	--	--	--	--	KE Cd 30
74	100	4	13	04-21-1954	100	13	7.69	4	04-21-1954	--	KE Cd 31
45	90	8	18	10-23-1954	275	52	5.29	24	10-23-1954	--	KE Cd 32
50	85	15	21	06-08-1953	215	52	4.13	22	06-08-1953	--	KE Cd 33
74	129	8	25	05-20-1956	275	45	6.11	48	05-20-1956	C	KE Cd 34
76	85	6	3	06-24-1955	120	17	7.06	6	06-24-1955	--	KE Cd 35
168.3	253	3	47	03-22-1956	40	37	1.08	16	03-22-1956	--	KE Cd 36
--	--	--	12	03-00-1952	--	--	--	--	--	X	KE Cd 37
--	--	--	--	--	--	--	--	--	--	L,X	KE Cd 38
--	--	--	--	--	20	--	--	--	--	X	KE Cd 39
35	76	--	11	12-00-1930	230	41	5.61	--	12-00-1930	--	KE Cd 40
31	66	--	3	12-00-1930	210	43	4.88	--	12-00-1930	--	KE Cd 41
74	84	8	77.56	04-19-1963	101	43	2.35	24	09-16-1959	--	KE Cd 42
75.7	80.2	8	46.68	04-19-1963	100	41.5	2.41	12	07-24-1959	--	KE Cd 43
79	84	5	43.85	04-19-1963	13	20	0.65	4	09-18-1959	O	KE Cd 44
80	97.2	8	61.42	04-19-1963	200	42	4.76	4	09-18-1959	--	KE Cd 45
81	98	8	73.59	04-19-1963	108	46	2.35	4	10-29-1959	--	KE Cd 46
73.5	90.7	8	43.51	04-19-1963	201	--	--	4	10-22-1959	--	KE Cd 47
75.5	94.5	8	42.31	04-19-1963	--	--	--	--	--	--	KE Cd 48
370	390	2	163.1	08-04-1967	40	31	1.29	4	09-09-1965	C,L	KE Cd 49
357	397	10	29	03-08-1966	500	171	2.92	40	03-08-1966	Q	KE Cd 50
85.3	90.3	2	36.97	02-26-1966	10	26.4	0.38	2	08-13-1965	--	KE Cd 51
74.5	79.5	2	31.9	07-19-1990	9	22.4	0.40	2	08-12-1965	C	KE Cd 52
--	--	--	12.38	09-21-1990	--	--	--	--	--	L,O	KE Cd 53
566	586	4	32.53	07-19-1990	40	160	0.25	2	07-24-1989	L,O	KE Cd 54
105	145	4	41	02-14-1956	75	19	3.95	6	02-14-1956	--	KE Cd 55
119	170	--	43.65	07-12-1990	35	--	--	3	04-24-1973	--	KE Cd 56
110	120	4	25.99	07-12-1990	15	45	0.33	3	03-16-1983	--	KE Cd 57
112	122	4	33	08-26-1983	20	37	0.54	2	08-26-1983	--	KE Cd 58
86	96	2.5	48	05-28-1969	10	48	0.21	6	05-28-1969	--	KE Cd 59
109	119	4	38	04-14-1988	30	30	1.00	3	04-14-1988	--	KE Cd 60
110	120	4	23.46	07-12-1990	10	35	0.29	3	01-04-1988	--	KE Cd 61
107	112	3	30	09-20-1974	18	61	0.30	8	09-20-1974	--	KE Cd 62
107	117	4	30	10-25-1985	50	70	0.71	5	10-25-1985	--	KE Cd 63
135	150	2	57	11-16-1985	40	9	4.44	7	11-16-1985	--	KE Cd 64
110	120	4	35.8	07-12-1990	10	45	0.22	3	05-26-1989	O	KE Cd 65
110	147	4	35	08-06-1964	12	15	0.80	2	08-06-1964	--	KE Cd 66
94	100	4	40	12-13-1978	8	35	0.23	4	12-13-1978	--	KE Cd 67

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Cd 68	KE-69-0043	All Star Chevrolet	Delmarva	10-18-1968	70	100	90	U	125AQUI
KE Cd 69	KE-81-0567	Courtney, Ralph	Kelley Drlg	03-20-1987	35	90	90	H	125AQUI
KE Cd 70	KE-68-0031	Buckingham Farms	Shore	10-02-1967	70	122	122	H	125AQUI
KE Cd 71	KE-67-0118	Buckingham Farms	M A Pentz	04-14-1967	30	180	180	S	211MNMT
KE Cd 72	KE-69-0099	Buckingham Farms	Shore	06-10-1969	25	409	409	H	211MGTY
KE Cd 73	KE-68-0029	Buckingham Farms	Shore	09-19-1967	55	125	125	S	125AQUI
KE Cd 74	KE-81-0071	Brown, Hiram	Queenstown	01-05-1983	25	97	97	H	125AQUI
KE Cd 75	KE-81-1238	Ciganek, Eric	Delmarva	07-24-1989	15	100	100	H	125AQUI
KE Cd 76	KE-81-0838	Anderson, Don	Lifetime	03-23-1988	10	101	101	H	125AQUI
KE Cd 77	KE-81-0457	Towner, Joe	Kelley Drlg	03-05-1986	70	180	180	H	125AQUI
KE Cd 78	KE-73-0326	Buckingham Farms	M A Pentz	04-21-1975	70	235	235	H	211MNMT
KE Cd 79	KE-81-0582	Campbell Soup Co	Delmarva	09-19-1986	60	170	170	N	125AQUI
KE Cd 80	KE-81-0313	Dick, Nancy M	Delmarva	04-23-1985	10	120	120	H	125AQUI
KE Cd 81	KE-81-1351	Kendall, George	American	10-08-1989	20	110	110	H	125AQUI
KE Cd 82	KE-70-0003	Griessing, John F	M A Pentz	00-00-1969	15	198	198	H	211MNMT
KE Cd 83	KE-81-0224	Adams, Walter H	Kelley Drlg	05-22-1984	10	95	93	H	125AQUI
KE Cd 84	KE-81-0039	Walz, Ernst	Delmarva	08-30-1982	10	85	80	H	125AQUI
KE Cd 85	KE-73-0600	Adams, Lawrence W	M A Pentz	07-29-1977	10	237	237	H	211MNMT
KE Cd 86	KE-73-0240	Robinson, Lawrence	M A Pentz	07-06-1974	10	147	147	H	211MNMT
KE Cd 87	KE-73-0362	Slagle, John	Shore	08-12-1975	15	87	87	H	125AQUI
KE Cd 88	KE-73-0474	Wartsila Diesel Inc	American	07-22-1976	20	125	124	C	125AQUI
KE Cd 89	KE-73-0738	David A Bramble Inc	W F Stewart	06-12-1978	20	109	109	U	125AQUI
KE Cd 90	KE-73-0851	W N Cooper & Son Inc	Delmarva	04-18-1979	25	40	40	U	112CLMB
KE Cd 91	KE-73-1087	Md State Highway Admin	Shannahan Ar	04-15-1981	25	399	335	U	211MGTY
KE Cd 92	KE-81-0148	Delmarva Power	Delmarva	09-08-1983	25	130	118	U	125AQUI
KE Cd 93	KE-81-0881	Bringman, Maurine	Kelley Drlg	04-27-1988	25	100	100	C	125AQUI
KE Cd 94	KE-81-1397	--	Kelley Drlg	02-07-1990	65	127	127	H	125AQUI
KE Cd 95	KE-81-1413	Sommers, Charles W	Kelley Drlg	05-23-1990	65	140	128	H	125AQUI
KE Cd 96	KE-81-1396	Campbell Soup Co	Delmarva	04-10-1990	50	130	113	N	125AQUI
KE Cd 97	KE-81-1397	Campbell Soup Co	Delmarva	01-25-1990	50	140	120	N	125AQUI
KE Cd 98	KE-73-0386	Chestertown Utilities	American	02-27-1976	20	413	403	U	217PTMC
KE Cd 99	KE-04-4404	Chestertown Utilities	S Shannahan	12-18-1961	20	127	127	P	125AQUI
KE Cd 100	KE-04-6439	Chestertown Utilities	S Shannahan	05-22-1962	15	116	116	P	125AQUI
KE Cd 101	KE-04-4405	Chestertown Utilities	S Shannahan	01-18-1962	20	120	120	P	125AQUI
KE Cd 102	KE-04-7747	Chestertown Utilities	S Shannahan	06-18-1964	30	126	126	P	125AQUI
KE Cd 103	KE-73-0385	Chestertown Utilities	American	11-12-1975	20	641	--	U	--
KE Cd 104	KE-73-1097	Chestertown Utilities	Shannahan Ar	05-27-1981	20	430	428	P	217PTMC
KE Cd 105	KE-73-1177	Gillespie & Son Inc	Shannahan Ar	11-15-1982	25	134	134	A	125AQUI
KE Cd 106	KE-73-1178	Gillespie & Son Inc	Shannahan Ar	11-15-1982	25	142	142	A	125AQUI
KE Cd 107	KE-68-0021	Chestertown Utilities	Shore	08-16-1967	10	47	47	U	112CLMB
KE Cd 108	KE-81-1040	Hubert, Jim	Lifetime	08-31-1988	5	120	120	P	125AQUI
KE Cd 109	KE-73-0858	Tri Gas & Oil	American	04-09-1979	5	110	110	C	125AQUI
KE Cd 110	KE-73-0342	Starkey, William L	W F Stewart	06-15-1975	5	15	15	H	112CLMB
KE Cd 111	KE-73-0953	Wiedemann	Delmarva	12-04-1979	40	80	80	H	125AQUI
KE Cd 112	KE-81-0593	Milash, Paul	American	03-02-1987	35	92	92	H	125AQUI
KE Cd 113	KE-81-0606	Athey, Ron	Kelley Drlg	11-17-1986	35	80	80	H	125AQUI
KE Cd 114	KE-73-0919	Munson, Donald A	Kelley Drlg	09-19-1979	30	80	79	H	125AQUI
KE Cd 115	KE-81-0439	Kirk, Lee	Lifetime	01-08-1986	30	100	100	H	125AQUI
KE Cd 116	KE-73-0504	Bowman, Paul Jr	Shore	11-23-1976	20	71	71	H	125AQUI
KE Cd 117	KE-81-0243	Bey, Michael	Kelley Drlg	07-28-1984	10	95	90	H	125AQUI
KE Cd 118	KE-81-0817	Price, James T	Kelley Drlg	02-09-1988	30	82	82	H	125AQUI
KE Cd 119	KE-81-0576	Bright, James	Kelley Drlg	09-24-1986	30	80	80	H	125AQUI
KE Cd 120	KE-81-1367	Brice Tyrone	Kelley Drlg	10-30-1989	25	95	95	H	125AQUI
KE Cd 121	KE-81-1212	Kirby, Keith	Shannahan Ar	07-24-1989	30	126	124	H	125AQUI
KE Cd 122	KE-73-0355	Chester R Yt & Ctry Cl	S Shannahan	07-28-1976	25	210	210	I	--
KE Cd 123	KE-73-1018	Taylor, Lola	W F Stewart	08-21-1980	20	68	68	H	112CLMB
KE Cd 124	KE-81-1041	Windham	Lifetime	09-29-1988	25	123	123	H	125AQUI
KE Cd 125	KE-81-1277	Brisco, Dorthea	Lifetime	06-29-1989	20	120	120	H	125AQUI
KE Cd 126	KE-81-1260	Macer, George Jr	Lifetime	06-29-1989	20	120	120	H	125AQUI
KE Cd 127	KE-72-0090	Harris David	Kelley Drlg	06-29-1972	25	160	160	H	125AQUI
KE Cd 128	KE-81-1101	Lively, Ellen	Lifetime	09-29-1988	30	60	60	H	125AQUI
KE Cd 129	KE-81-0337	Stokes, Charles	Lifetime	05-06-1985	45	117	117	H	125AQUI
KE Cd 130	KE-81-0999	Michael, Louis	Lifetime	08-18-1988	25	120	120	H	125AQUI
KE Cd 131	KE-81-0554	Michael, Louis	Delmarva	02-19-1987	25	120	120	S	125AQUI
KE Cd 132	KE-01-9260	Atkinson, Robert E	M A Pentz	05-20-1955	30	105	105	H	125AQUI
KE Cd 133	KE-66-0169	Atkinson, Robert E	M A Pentz	07-21-1966	30	135	135	H	125AQUI
KE Cd 134	--	Atkinson, Robert E	--	--	30	26	26	U	112CLMB
KE Cd 135	KE-81-1385	Chestertown Utilities	American	01-08-1990	20	100	100	H	125AQUI
KE Cd 136	KE-00-8989	Albrect, Emil	Jerome Unruh	11-12-1951	20	166	166	H	125AQUI
KE Cd 137	KE-88-0525	Chestertown, Town of	Shannahan Ar	05-27-1993	60	605	413	U	217PTMC
KE Ce 1	--	Stradley, T Allen	--	00-00-1940	25	70	70	U	112CLMB
KE Ce 3	--	Stevens, F W	--	04-00-1949	25	30	30	H	112CLMB
KE Ce 4	KE-73-0631	Peacock, J Frank	Middletown	09-20-1977	20	186	186	H	125AQUI
KE Ce 5	KE-69-0074	Peacock, J Frank Sr	Middletown	03-10-1969	25	186	186	H	125AQUI
KE Ce 6	KE-73-1068	Owings & Sons Inc	Kelley Drlg	12-12-1980	50	68	67	H	112CLMB

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
70	90	4	44	10-18-1968	10	10	1.00	2	10-18-1968	--	KE Cd 68
80	90	4	--	--	8	--	--	3	03-20-1987	--	KE Cd 69
117	122	3	62	10-02-1967	15	32	0.47	14	10-02-1967	--	KE Cd 70
120	180	4	41	04-14-1967	45	26	1.73	4	04-14-1967	--	KE Cd 71
399	409	3	51	06-10-1969	30	54	0.56	26	06-10-1969	--	KE Cd 72
120	125	3	52	09-19-1967	15	41	0.37	8	09-19-1967	--	KE Cd 73
87	97	4	28	01-05-1983	40	27	1.48	2	01-05-1983	--	KE Cd 74
85	100	4	3	07-24-1989	30	52	0.58	2	07-24-1989	--	KE Cd 75
81	101	4	8.34	07-13-1990	40	45	0.89	5	03-23-1988	--	KE Cd 76
165	180	4	35	03-05-1986	12	55	0.22	3	03-05-1986	--	KE Cd 77
161	235	--	41	04-21-1975	20	41	0.49	2	04-21-1975	--	KE Cd 78
85	105	8	40	09-19-1986	34	41	0.83	24	09-19-1986	--	KE Cd 79
97	117	4	5.3	04-23-1985	5	24.7	0.20	4	04-23-1985	--	KE Cd 80
95	105	4	18	10-08-1989	15	52	0.29	1	10-08-1989	--	KE Cd 81
129	198	--	29	00-00-1969	25	32	0.78	4	00-00-1969	--	KE Cd 82
83	95	4	5.35	07-19-1990	15	35	0.43	3	05-22-1984	--	KE Cd 83
72	80	4	21	08-30-1982	6	4	1.50	2.5	08-30-1982	--	KE Cd 84
141	237	--	2.72	07-19-1990	15	98	0.15	4	07-29-1977	O	KE Cd 85
87	147	--	27	07-06-1974	30	22	1.36	2	07-06-1974	--	KE Cd 86
82	87	3	16	08-12-1975	30	26	1.15	8	08-12-1975	--	KE Cd 87
99	119	4	13	07-22-1976	10	16	0.63	3	07-22-1976	--	KE Cd 88
96	109	--	11.83	07-19-1990	60	71	0.85	8	06-12-1978	--	KE Cd 89
30	40	4	12.5	04-18-1979	20	4.5	4.44	1.5	04-18-1979	--	KE Cd 90
325	335	3	24.14	07-19-1990	9	165	0.05	2	04-15-1981	O	KE Cd 91
98	118	4	25	09-08-1983	15	40	0.38	3	09-08-1983	--	KE Cd 92
90	100	4	10	04-27-1988	8	40	0.20	3	04-27-1988	--	KE Cd 93
117	127	4	32	02-07-1990	40	48	0.83	3	02-07-1990	--	KE Cd 94
108	128	4	32.7	06-05-1990	60	30.75	--	24	06-05-1990	--	KE Cd 95
80	113	6	34	04-10-1990	70	31	2.26	10	04-10-1990	--	KE Cd 96
90	120	8	29	01-25-1990	60	61	0.98	24	01-25-1990	--	KE Cd 97
383	403	4	29.54	09-21-1990	15	12	1.25	16	02-27-1976	L,O	KE Cd 98
40	127	10	23	12-18-1961	300	23	13.04	4	12-18-1961	--	KE Cd 99
37	116	10	19	05-22-1962	200	28	7.14	8	05-22-1962	--	KE Cd 100
40	120	10	20	01-18-1962	300	21	14.29	6	01-18-1962	--	KE Cd 101
47	78	10	34	06-18-1964	200	35	5.71	8	06-18-1964	--	KE Cd 102
--	--	--	--	--	--	--	--	--	--	--	KE Cd 103
392	428	12	20	05-27-1981	406	126	3.22	12	05-27-1981	Q	KE Cd 104
114	134	4	15	11-15-1982	30	18	1.67	1	11-15-1982	--	KE Cd 105
102	142	4	16	11-15-1982	35	11	3.18	2	11-15-1982	--	KE Cd 106
42	47	3	7.6	08-16-1967	30	22.4	1.34	10	08-16-1967	--	KE Cd 107
105	120	4	1.82	09-26-1990	30	78	0.38	5	08-31-1988	--	KE Cd 108
92	102	2	2	04-09-1979	10	20	0.50	2	04-09-1979	--	KE Cd 109
11	15	1.2	6	06-15-1975	20	9	2.22	2	06-15-1975	--	KE Cd 110
70	80	4	20	12-04-1979	20	20	1.00	1	12-04-1979	--	KE Cd 111
80	90	4	23	03-02-1987	5	5	1.00	2	03-02-1987	--	KE Cd 112
70	80	4	22	11-17-1986	15	28	0.54	3	11-17-1986	--	KE Cd 113
74	79	4	21	09-19-1979	15	39	0.38	3	09-19-1979	--	KE Cd 114
92	100	4	15.51	09-26-1990	30	38	0.79	5	01-08-1986	O	KE Cd 115
66	71	3	13	11-23-1976	15	29	0.52	8	11-23-1976	--	KE Cd 116
77	90	4	3.54	09-26-1990	15	34	0.44	3	07-28-1984	--	KE Cd 117
72	82	4	26	02-09-1988	10	34	0.29	3	02-09-1988	--	KE Cd 118
70	80	4	26.19	10-17-1990	12	37	0.32	3	09-24-1986	O	KE Cd 119
85	95	4	27	10-30-1989	25	33	0.76	3	10-30-1989	--	KE Cd 120
104	124	4	20	07-24-1989	15	41	0.37	1	07-24-1989	--	KE Cd 121
65	210	8	11	07-28-1976	250	41	6.10	4	07-28-1976	--	KE Cd 122
55	68	2	12	08-21-1980	50	54	0.93	3	08-21-1980	--	KE Cd 123
108	123	4	30	09-29-1988	30	70	0.43	5	09-29-1988	--	KE Cd 124
110	120	4	15	06-29-1989	45	45	1.00	5	06-29-1989	--	KE Cd 125
110	120	4	15	06-29-1989	45	45	1.00	5	06-29-1989	--	KE Cd 126
150	160	2	21	06-29-1972	15	21	0.71	3	06-29-1972	--	KE Cd 127
50	60	4	28	09-29-1988	25	22	1.14	5	09-29-1988	--	KE Cd 128
105	117	4	33.16	09-26-1990	25	28	0.89	5	05-06-1985	--	KE Cd 129
105	120	4	18	08-18-1988	50	62	0.81	5	08-18-1988	--	KE Cd 130
95	115	4	30	02-19-1987	60	46	1.30	2	02-19-1987	--	KE Cd 131
79	105	4	31	05-20-1955	30	9	3.33	2	05-20-1955	--	KE Cd 132
87	135	4	37	07-21-1966	30	14	2.14	3	07-21-1966	--	KE Cd 133
--	--	--	14.46	09-21-1990	--	--	--	--	--	O	KE Cd 134
80	95	2	14.51	09-26-1990	40	32	1.25	3	01-08-1990	--	KE Cd 135
158	166	3	25	11-12-1951	15	55	0.27	10	11-12-1951	--	KE Cd 136
393	413	2	65	05-27-1993	43	135	0.32	12	05-27-1993	L,Q	KE Cd 137
--	--	--	--	--	--	--	--	--	--	--	KE Ce 1
--	--	--	19	04-00-1949	--	--	--	--	--	--	KE Ce 3
128	186	--	25.32	01-17-1990	40	53	0.75	2	09-20-1977	O	KE Ce 4
138	186	--	26.7	03-10-1969	40	53.3	0.75	4	03-10-1969	--	KE Ce 5
59	67	4	18.6	03-15-1990	25	32	0.78	3	12-12-1980	O	KE Ce 6

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Cg 1	KE-00-9293	Voshell	Middletown	06-00-1951	60	140	140	H	125AQUI
KE Cg 2	KE-00-9094	Burris, George E	Middletown	03-27-1952	45	50	50	U	112CLMB
KE Cg 3	KE-81-0976	Chance, David C	Lifetime	08-01-1988	45	119	119	H	125AQUI
KE Da 1	--	Tuttle, Janet	W B LeCompte	00-00-1916	11	19.6	19.6	U	112CLMB
KE Da 2	--	Tuttle, Janet	--	00-00-1916	11	20	20	U	112CLMB
KE Da 3	KE-00-0444	Ivens Oyster Co	Ennis Bros	05-24-1946	5	202	202	U	211MNMT
KE Da 4	KE-73-0457	Gratitude Crab House	John Stewart	09-08-1976	5	130	115	U	125AQUI
KE Da 5	KE-72-0075	Mayne, Liz	W F Stewart	05-16-1972	5	80	80	U	125AQUI
KE Da 6	KE-81-0808	Bothe, Sylvia	Delmarva	10-01-1987	5	180	180	H	211MTWN
KE Da 7	KE-81-0957	Kretz, Henry	Kelley Drlg	08-02-1988	5	62	60	H	112CLMB
KE Da 8	KE-81-1245	Truman, James	Lifetime	06-12-1989	5	80	75	H	112CLMB
KE Da 9	KE-73-0836	Swan Creek Farm	R Seward	--	5	18	18	H	112CLMB
KE Da 10	KE-73-0835	Swan Creek Farm	R Seward	01-10-1979	20	26	26	H	112CLMB
KE Da 11	KE-73-0274	Green, William	Shore	11-11-1974	10	174	174	H	211MGTY
KE Da 12	KE-73-1016	Tuttle, Janet	Lifetime	09-03-1980	15	60	60	U	112CLMB
KE Da 13	KE-81-1018	Tuttle, Janet	Delmarva	08-08-1988	15	203	200	H	211MGTY
KE Da 14	KE-81-1010	Tuttle, Janet	Delmarva	08-05-1988	11	188	187	H	211MTWN
KE Da 15	KE-81-0155	Tuttle, Janet	Lifetime	10-15-1983	10	112	112	H	211MNMT
KE Da 16	KE-81-1280	Wyman, Tim	Kelley Drlg	06-20-1989	5	80	80	H	125AQUI
KE Db 1	KE-00-0180	Rock Hall, Town of	Ennis Bros	05-15-1946	15	120	120	U	125AQUI
KE Db 2	KE-81-1269	Freeman, James	American	08-07-1989	10	70	65	H	125AQUI
KE Db 3	KE-00-2843	Kent Packing Co	Shannahan Ar	07-19-1948	10	128	128	U	125AQUI
KE Db 4	KE-00-1120	Vogel, Walter	John Wilson	04-03-1947	5	118	118	H	125AQUI
KE Db 5	KE-00-5970	--	Jerome Unruh	07-20-1950	25	96	96	H	125AQUI
KE Db 6	--	Leary, William L	--	06-00-1950	15	12.05	12.05	U	112CLMB
KE Db 7	--	Jack's Chevron	--	00-00-1946	15	11.28	11.28	U	112CLMB
KE Db 8	--	Jacquette, Jack	Sam Elburn	05-00-1951	15	12	12	U	112CLMB
KE Db 9	--	Biggs, John N	Sam Elburn	07-00-1951	15	8.1	7.18	U	112CLMB
KE Db 10	--	Biggs, John N	--	--	15	14.67	14.67	U	112CLMB
KE Db 11	--	Jacquette, R	--	00-00-1950	15	12	12	U	112CLMB
KE Db 12	--	Downey, Jesse	--	00-00-1928	15	12.05	12.05	U	112CLMB
KE Db 13	KE-00-4155	Wilson, H V P	Jerome Unruh	07-18-1949	10	260	260	H	211MNMT
KE Db 14	KE-01-0074	Miaoulis, Nick	Middletown	10-17-1952	15	126	126	H	125AQUI
KE Db 15	KE-00-9266	Moberg, B	Jerome Unruh	03-00-1951	5	139	139	H	125AQUI
KE Db 16	KE-00-9267	Brooks, Ella	Jerome Unruh	03-00-1951	10	137	137	H	125AQUI
KE Db 17	KE-00-9268	Leary, G E	Jerome Unruh	04-00-1951	10	148	148	H	125AQUI
KE Db 18	KE-00-9286	Young, H W	Jerome Unruh	08-00-1951	10	70	70	H	125AQUI
KE Db 19	KE-00-8991	Jones, Ruth	Jerome Unruh	11-20-1951	15	130	130	U	125AQUI
KE Db 20	--	Collins, G	--	00-00-1950	20	22.95	22.95	U	112CLMB
KE Db 21	--	Baker, F	Will Scott	00-00-1940	15	18.9	16.7	U	112CLMB
KE Db 22	--	Faulkner, Violet	--	00-00-1910	15	9.8	8.25	U	112CLMB
KE Db 23	--	Hill, W F	--	00-00-1890	10	13.2	13.2	H	112CLMB
KE Db 24	--	Edwards, Daisy	--	--	25	--	--	H	--
KE Db 25	--	Edwards, Donald	--	--	5	18.1	18.1	U	112CLMB
KE Db 26	--	Hudson, W T	S Elbin	00-00-1943	10	70	70	H	125AQUI
KE Db 27	--	Ashley, A	A Ashley	00-00-1918	20	25	25	U	112CLMB
KE Db 28	--	Ashley, A	--	--	20	25	25	H	112CLMB
KE Db 29	--	Smithson, J H	--	00-00-1948	15	18	18	H	112CLMB
KE Db 30	--	Godley, C E	--	--	5	--	--	U	--
KE Db 31	--	Wesley, C	--	00-00-1945	25	16.2	14.65	H	112CLMB
KE Db 32	--	Aquilla, Joseph B	--	--	20	18.34	17.64	H	112CLMB
KE Db 33	--	Sisco, C	--	--	20	11.3	11.3	U	112CLMB
KE Db 34	KE-01-3203	Legg, Richard	Middletown	08-12-1953	15	160	150	H	125AQUI
KE Db 35	KE-01-2878	Rock Hall, Town of	Ennis Bros	09-26-1953	15	290	290	P	211MGTY
KE Db 36	--	Kent Packing Co	--	--	10	106	106	U	125AQUI
KE Db 37	--	Edwards, Donald	W F Stewart	08-00-1964	10	78	78	U	125AQUI
KE Db 38	KE-73-0429	Rock Hall, Town of	American	04-15-1976	18	503	488	U	217PTMC
KE Db 39	KE-73-0805	U.S. Geological Survey	A C Schultes	11-00-1978	15	1338	--	U	217PTMC
KE Db 40	KE-73-0805	U.S. Geological Survey	A C Schultes	12-01-1978	15	1832	1030	U	217PTMC
KE Db 41	KE-81-1239	Kent Co Commissioners	Collier Well	01-15-1990	25	300	300	U	211MGTY
KE Db 42	KE-81-1240	Kent Co Commissioners	Collier Well	01-14-1990	25	140	140	U	125AQUI
KE Db 43	KE-71-0064	Wickes, Ernest	Kelley Drlg	04-09-1971	25	100	90	H	125AQUI
KE Db 44	KE-67-0103	Bay City Elks Lodge	W F Stewart	11-15-1966	25	50	50	H	112CLMB
KE Db 45	KE-81-0182	Edesville Parsons Home	Kelley Drlg	01-09-1984	25	60	60	H	125AQUI
KE Db 46	KE-81-0133	Graves, George	Delmarva	07-20-1983	25	73	65	H	125AQUI
KE Db 47	KE-73-0172	Cann, Alice E	John Stewart	11-28-1973	25	60	60	H	112CLMB
KE Db 48	KE-73-0901	Hersch, John	E Larrimore	08-10-1979	20	43	43	H	125AQUI
KE Db 49	KE-81-0727	McJoiners Cntry Bakery	Kelley Drlg	06-22-1987	15	140	140	C	125AQUI
KE Db 50	KE-68-0003	Aaron Chapel U Meth Ch	W F Stewart	07-29-1967	25	118	118	H	125AQUI
KE Db 51	KE-73-1128	Duckworth, Donald J	Delmarva	08-31-1981	25	155	150	H	125AQUI
KE Db 52	KE-81-0194	Bjorke, Pat	Kelley Drlg	07-02-1984	20	160	160	H	125AQUI
KE Db 53	KE-81-0437	Fithian, Ronnie	Kelley Drlg	12-17-1985	15	70	70	H	125AQUI
KE Db 54	KE-71-0036	Hill, Kenneth	W F Stewart	10-19-1970	10	67	67	I	125AQUI
KE Db 55	KE-73-0440	Rock Hall, Town of	American	04-06-1976	15	345	345	P	211MGTY
KE Db 56	KE-81-0289	Rock Hall, Town of	Shannahan Ar	02-13-1985	15	308	308	P	211MGTY

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
115	140	--	38	06-00-1951	13	42	0.31	10	06-00-1951	--	KE Cg 1
42	50	3	8.5	03-27-1952	25	16.5	1.52	6	03-27-1952	C	KE Cg 2
104	119	4	40	08-01-1988	40	40	1.00	5	08-01-1988	--	KE Cg 3
--	--	--	11.69	03-20-1952	--	--	--	--	--	--	KE Da 1
--	--	--	--	--	--	--	--	--	--	--	KE Da 2
--	--	--	6	05-24-1946	85	54	1.57	24	05-24-1946	--	KE Da 3
90	100	4	5	09-08-1976	20	20	1.00	3	09-08-1976	--	KE Da 4
75	80	3	8.11	09-20-1990	50	71	0.70	4	05-16-1972	O	KE Da 5
158	180	4	6.32	07-26-1990	10	23	0.43	4	10-01-1987	O	KE Da 6
50	60	4	2.38	07-25-1990	12	38	0.32	3	08-02-1988	--	KE Da 7
65	75	4	6	06-12-1989	100	24	4.17	5	06-12-1989	--	KE Da 8
17	18	36	11	01-11-1979	5	4	1.25	2	01-11-1979	--	KE Da 9
25	26	36	18	01-10-1979	5	5	1.00	2	01-10-1979	--	KE Da 10
169	174	3	19.17	07-26-1990	20	40	0.50	8	11-11-1974	O,Q	KE Da 11
52	60	4	10	09-03-1980	20	30	0.67	6	09-03-1980	--	KE Da 12
178	200	4	23	08-08-1988	60	52	1.15	3	08-08-1988	--	KE Da 13
162	187	4	26	08-05-1988	75	44	1.70	3	08-05-1988	--	KE Da 14
104	112	4	12	10-15-1983	20	18	1.11	5	10-15-1983	--	KE Da 15
70	80	4	2	06-20-1989	60	18	3.33	3	06-20-1989	--	KE Da 16
--	--	--	21	05-15-1946	180	19	9.47	24	05-15-1946	C	KE Db 1
55	65	4	10.79	07-25-1990	10	15	0.67	3	08-07-1989	C,Y	KE Db 2
106.7	128	--	13	07-19-1948	165	52	3.17	6	07-19-1948	L	KE Db 3
100	118	--	7	04-03-1947	40	5	8.00	5	04-03-1947	Q	KE Db 4
88	96	2.5	18	07-20-1950	15	52	0.29	10	07-20-1950	--	KE Db 5
--	--	--	9.8	10-15-1951	--	--	--	--	--	--	KE Db 6
--	--	--	6.51	10-15-1951	--	--	--	--	--	--	KE Db 7
--	--	--	4	05-00-1951	--	--	--	--	--	--	KE Db 8
--	--	--	4.57	10-15-1951	--	--	--	--	--	Y	KE Db 9
--	--	--	4.78	10-15-1951	--	--	--	--	--	--	KE Db 10
--	--	--	--	--	--	--	--	--	--	--	KE Db 11
--	--	--	8.99	10-15-1951	--	--	--	--	--	--	KE Db 12
219	260	--	13.75	07-18-1949	7.5	27	0.28	10	07-18-1949	X	KE Db 13
118	126	3	12	10-17-1952	30	13	2.31	10	10-17-1952	C	KE Db 14
131	139	3	0.25	03-20-1952	24	58	0.41	10	03-00-1951	--	KE Db 15
129	137	3	5	03-00-1951	25	55	0.45	5	03-00-1951	--	KE Db 16
140	148	3	7	04-00-1951	30	53	0.57	6	04-00-1951	--	KE Db 17
66	70	3	1	08-00-1951	50	24	2.08	10	08-00-1951	--	KE Db 18
122	130	3	6	11-20-1951	25	74	0.34	8	11-20-1951	--	KE Db 19
--	--	--	19.11	03-20-1952	--	--	--	--	--	--	KE Db 20
--	--	--	10.15	03-20-1952	--	--	--	--	--	--	KE Db 21
--	--	--	3.53	08-13-1979	--	--	--	--	--	--	KE Db 22
--	--	--	1.56	03-21-1952	--	--	--	--	--	--	KE Db 23
--	--	--	--	--	--	--	--	--	--	--	KE Db 24
--	--	--	8.91	03-21-1952	--	--	--	--	--	--	KE Db 25
--	--	--	--	--	--	--	--	--	--	--	KE Db 26
--	--	--	21	03-21-1952	--	--	--	--	--	--	KE Db 27
--	--	--	21	03-21-1952	--	--	--	--	--	--	KE Db 28
--	--	--	--	--	--	--	--	--	--	--	KE Db 29
--	--	--	--	--	--	--	--	--	--	--	KE Db 30
--	--	--	4.06	03-21-1952	--	--	--	--	--	O	KE Db 31
--	--	--	11.77	03-21-1952	--	--	--	--	--	--	KE Db 32
--	--	--	1.03	03-21-1952	--	--	--	--	--	--	KE Db 33
142	150	3	12.5	08-18-1953	20	10	2.00	8	08-12-1953	C	KE Db 34
268.4	290	--	11	09-26-1953	105	87	1.21	84	09-26-1953	--	KE Db 35
--	--	--	10.99	06-25-1952	--	--	--	--	--	--	KE Db 36
68	78	2	17	09-25-1964	--	--	--	--	--	Q	KE Db 37
478	488	4	23.92	07-25-1990	7	70	0.10	36	04-15-1976	L,O	KE Db 38
--	--	--	--	--	--	--	--	--	--	C	KE Db 39
1018	1030	4	12.3	12-04-1978	52	11.9	4.37	24	12-05-1978	C,L,O,Q	KE Db 40
250	300	4	23.17	10-17-1990	10	147.66	0.07	2.2	01-15-1990	L,O	KE Db 41
100	140	4	11.3	01-19-1990	60.4	62.02	0.97	23.3	01-19-1990	L,O	KE Db 42
80	90	4	15	04-09-1971	40	55	0.73	3	04-09-1971	--	KE Db 43
43	50	2	9	11-15-1966	50	39	1.28	6	11-17-1966	--	KE Db 44
50	60	4	7.99	07-26-1990	20	35	0.57	3	01-09-1984	O	KE Db 45
55	65	4	15	07-20-1983	10	10	1.00	3	07-20-1983	--	KE Db 46
50	60	3	10	11-28-1973	30	25	1.20	3	11-28-1973	--	KE Db 47
37	43	2	17.5	08-10-1979	10	0.5	20.00	1	08-10-1979	--	KE Db 48
130	140	4	8.35	07-26-1990	60	25	2.40	3	06-22-1987	O	KE Db 49
105	118	2	10	07-29-1967	30	108	0.28	8	07-29-1967	--	KE Db 50
140	150	4	24	08-31-1981	15	26	0.58	2	08-31-1981	--	KE Db 51
150	160	4	6.91	07-25-1990	12	68	0.18	3	07-02-1984	--	KE Db 52
62	70	4	10.26	07-25-1990	6	35	0.17	3	12-17-1985	--	KE Db 53
62	67	--	3	10-19-1970	60	57	1.05	4	10-19-1970	--	KE Db 54
268	345	12	27.44	10-31-1991	500	1	500.00	48	04-06-1976	--	KE Db 55
185	200	6	22.99	10-31-1991	300	100	3.00	12	02-13-1985	O	KE Db 56

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Db 57	KE-81-1278	Rock Hall, Town of	Delmarva	10-04-1988	15	375	368	P	211MGTY
KE Db 58	KE-73-1061	Hill, Herman E Jr	Delmarva	12-23-1980	5	82	82	H	125AQUI
KE Db 59	KE-73-0473	Herman Hill & Son Inc	American	07-19-1976	10	75	60	U	125AQUI
KE Db 60	KE-81-0620	Herman Hill & Son Inc	Kelley Drlg	11-19-1986	10	58	58	N	125AQUI
KE Db 61	KE-81-0429	Young, Charles	Collier Well	10-18-1985	10	60	60	H	125AQUI
KE Db 62	KE-81-0758	Browner, William	Kelley Drlg	10-21-1987	5	80	80	H	125AQUI
KE Db 63	KE-81-1338	Legg, Edgar	Kelley Drlg	09-14-1989	10	72	70	H	112CLMB
KE Db 64	KE-73-0295	McKinley, Maynard	Shore	03-06-1975	5	88	88	I	112CLMB
KE Db 65	KE-70-0019	Chesapeake Inns	W F Stewart	10-22-1969	10	70	67	H	112CLMB
KE Db 66	KE-81-0533	De Moss, Jeff	Kelley Drlg	06-25-1986	10	130	130	H	125AQUI
KE Db 67	KE-81-0532	Gagalski, Joseph	Kelley Drlg	06-25-1986	10	120	120	H	125AQUI
KE Db 68	KE-73-0890	Kittleman, Thomas	Kelley Drlg	08-21-1979	20	200	120	H	125AQUI
KE Db 69	KE-81-0336	Vastardis, Lewis	Kelley Drlg	05-06-1985	25	130	130	H	125AQUI
KE Db 70	KE-81-1099	Parks, Thomas	Kelley Drlg	11-04-1988	10	80	80	H	125AQUI
KE Db 71	KE-81-0824	Strong, Robert Jr	Kelley Drlg	04-22-1988	10	70	70	H	112CLMB
KE Db 72	KE-81-0810	Thomas, Glenwood	Kelley Drlg	12-21-1987	15	70	70	H	112CLMB
KE Db 73	KE-81-0277	Willis, Arthur	Kelley Drlg	06-13-1985	10	90	90	A	125AQUI
KE Db 74	KE-81-0702	Gibson, Gene	Kelley Drlg	05-11-1987	25	80	80	H	112CLMB
KE Db 75	KE-68-0038	Schutt, C Porter	Shannahan Ar	11-06-1967	20	92.3	91	H	125AQUI
KE Db 76	KE-81-1047	Rock Hall, Town of	Delmarva	09-08-1988	15	400	365	U	211MGTY
KE Db 77	KE-73-0189	Edesville Parsons Home	John Stewart	02-28-1974	25	60	60	U	125AQUI
KE Db 78	KE-81-1055	Jacquette, Charles	Kelley Drlg	10-05-1988	20	78	78	H	125AQUI
KE Db 79	KE-81-0479	Jacquette, James	Kelley Drlg	05-07-1986	10	80	80	H	125AQUI
KE Db 80	KE-81-0952	Jacquette, James	Kelley Drlg	10-04-1988	20	80	80	H	125AQUI
KE Db 81	KE-73-1049	Hartley, Paul	Kelley Drlg	10-14-1980	5	70	70	H	125AQUI
KE Db 82	KE-73-0822	Ricks, Jay F	Kelley Drlg	12-05-1978	10	85	82	H	125AQUI
KE Db 83	KE-73-1015	Lowe, William	Kelley Drlg	09-09-1980	5	80	79	H	125AQUI
KE Db 84	KE-73-1004	Lowe, William	Kelley Drlg	06-24-1980	15	80	75	H	125AQUI
KE Db 85	KE-73-1101	Riordan, Eugene	Kelley Drlg	05-29-1981	15	90	88	H	125AQUI
KE Db 86	KE-81-0053	Jacquette, Preston	Delmarva	09-18-1982	25	60	60	H	125AQUI
KE Db 87	KE-04-6459	Jacquette, Preston	W F Stewart	04-03-1962	25	55	51	U	125AQUI
KE Db 88	KE-81-0006	Zimmerman, Raymond	Lifetime	06-10-1982	5	69	69	H	125AQUI
KE Db 89	KE-81-0131	Sisco, Grace	Kelley Drlg	07-20-1983	20	52	47	H	125AQUI
KE Db 90	KE-73-0306	Doran, Ruth B	M A Pentz	01-18-1975	19	65	64	H	112CLMB
KE Db 91	KE-81-0564	Gaines, Savanah	Kelley Drlg	08-26-1986	25	135	135	H	125AQUI
KE Db 92	KE-81-1034	Dierker, Arthur	Delmarva	10-06-1988	20	160	158	H	125AQUI
KE Db 93	KE-81-0583	Johnson, Otto	Kelley Drlg	09-10-1986	10	80	80	H	125AQUI
KE Db 94	KE-73-0229	Johnson, Elsworth	M A Pentz	07-03-1974	10	150	150	H	125AQUI
KE Db 95	KE-81-0931	Megargee, Doug	Kelley Drlg	05-17-1988	20	85	85	H	125AQUI
KE Db 96	KE-65-0030	Harding, Vernon	W F Stewart	08-27-1964	10	40	40	H	112CLMB
KE Db 97	KE-81-1368	Dickerson, Clovas	Lifetime	11-17-1989	10	140	140	H	125AQUI
KE Db 98	KE-73-0437	Grant, John	Shore	05-24-1976	10	99	99	H	125AQUI
KE Db 99	KE-73-1067	Gsell, Edward	Kelley Drlg	01-26-1981	15	190	190	H	125AQUI
KE Db 100	KE-81-0075	Walnut Point Farm	Queenstown	04-06-1983	5	120	120	H	125AQUI
KE Db 101	KE-81-0530	Bedsaul, Dean Jr	Kelley Drlg	06-25-1986	5	75	75	H	125AQUI
KE Db 102	KE-81-0969	Nespor, Paul	Lifetime	09-11-1988	5	62	62	H	125AQUI
KE Db 103	KE-73-0296	Doran, Ruth B	M A Pentz	01-17-1975	10	150	150	H	125AQUI
KE Db 104	KE-81-1428	Weiskopf, Jerry	Delmarva	06-06-1990	5	80	70	H	125AQUI
KE Db 105	KE-81-1100	Darok, Tim	Kelley Drlg	11-10-1988	10	75	75	H	125AQUI
KE Db 106	KE-81-0329	Higgins, Ronald	Delmarva	05-10-1985	10	83	80	H	125AQUI
KE Db 107	KE-81-0270	Dowling, Charles	Kelley Drlg	10-26-1984	10	80	80	H	125AQUI
KE Db 108	KE-81-1217	Kendall, Joseph	Kelley Drlg	05-24-1989	10	110	110	H	125AQUI
KE Db 109	KE-73-0909	Nickle, Paul	Shore	08-29-1979	5	131	131	H	125AQUI
KE Db 110	KE-71-0109	Collyer, William	Kelley Drlg	06-02-1971	5	55	55	H	125AQUI
KE Db 111	KE-81-0922	Newlin, John	Lifetime	08-30-1988	5	63	63	H	125AQUI
KE Db 112	KE-81-0871	Shub, John	Delmarva	02-08-1988	25	130	130	H	125AQUI
KE Db 113	KE-73-0624	Parks, Thomas	Kelley Drlg	09-22-1977	25	140	135	H	125AQUI
KE Db 114	KE-81-0641	Trego, J R	Kelley Drlg	12-08-1986	20	130	130	H	125AQUI
KE Db 115	KE-73-0626	Reifschneider, Herbert	Delmarva	08-23-1977	15	140	140	H	125AQUI
KE Db 116	KE-81-0409	Horne, James	W F Stewart	10-24-1986	15	87	87	H	125AQUI
KE Db 117	KE-73-1189	Rock Hall Yacht Club	Lifetime	04-08-1982	10	65	65	H	125AQUI
KE Db 118	KE-73-1086	Creveling, James	Kelley Drlg	04-01-1981	5	140	138	H	125AQUI
KE Db 119	KE-81-0350	Kovacs, J S	Kelley Drlg	06-12-1985	5	145	140	H	125AQUI
KE Db 120	KE-71-0083	Lankford Bay Marina	Kelley Drlg	04-08-1971	5	80	80	H	125AQUI
KE Db 121	KE-73-0743	Don Edwards Seafood	American	06-14-1978	5	101	101	H	125AQUI
KE Db 122	KE-73-0127	Don Edwards Seafood	American	08-24-1973	5	130	121	N	125AQUI
KE Db 123	KE-73-0095	Baile, Howard H	W F Stewart	05-18-1973	10	124	124	H	125AQUI
KE Db 124	KE-81-0851	Mench, Russell P	Kelley Drlg	12-19-1987	20	120	120	H	125AQUI
KE Db 125	KE-81-1295	Haynes, Ronald	American	07-29-1989	5	135	133	H	125AQUI
KE Db 126	KE-81-1308	Ashley, Danny	Kelley Drlg	08-04-1989	10	80	80	H	125AQUI
KE Db 127	KE-81-0083	Reinhiemer, Richard	Kelley Drlg	03-04-1983	15	75	72	H	125AQUI
KE Db 128	KE-81-0821	Walnut Point Farm	American	01-11-1988	20	150	150	Z	125AQUI
KE Dc 1	KE-00-1017	Overbeck, Catherine	Shannahan Ar	11-23-1946	5	87	87	H	125AQUI
KE Dc 2	KE-00-4188	Fletcher, Herbert	M A Pentz	07-20-1949	15	80	80	H	125AQUI
KE Dc 3	KE-00-4331	Wilson, R D	Jerome Unruh	07-22-1949	10	78	78	H	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
280	322	12	33.6	10-04-1988	504	171.4	2.94	12	10-04-1988	O	KE Db 57
55	60	4	7	12-23-1980	10	18	0.56	1.5	12-23-1980	--	KE Db 58
40	50	4	12	07-19-1976	20	21	0.95	2	07-19-1976	--	KE Db 59
43	58	4	6.09	07-25-1990	35	32	1.09	3	11-19-1986	O	KE Db 60
50	60	2	1.47	07-25-1990	30	21.2	1.42	6	10-18-1985	O	KE Db 61
70	80	4	5	10-21-1987	10	35	0.29	3	10-21-1987	--	KE Db 62
60	70	4	10	09-14-1989	10	40	0.25	3	09-14-1989	--	KE Db 63
83	88	3	2	03-06-1975	40	58	0.69	10	03-06-1975	--	KE Db 64
62	67	--	9	10-22-1969	90	58	1.55	--	10-22-1969	--	KE Db 65
120	130	4	20	06-25-1986	40	40	1.00	3	06-25-1986	--	KE Db 66
110	120	4	6	06-25-1986	30	54	0.56	3	06-25-1986	--	KE Db 67
114	120	4	20	08-21-1979	8	50	0.16	4	08-21-1979	--	KE Db 68
120	130	4	23	05-06-1985	15	37	0.41	3	05-06-1985	--	KE Db 69
70	80	4	10.44	07-24-1990	25	20	1.25	3	11-04-1988	O	KE Db 70
60	70	4	15	04-22-1988	8	25	0.32	3	04-22-1988	--	KE Db 71
60	70	4	13.65	07-24-1990	12	35	0.34	3	12-21-1987	--	KE Db 72
82	90	4	6	06-13-1985	25	44	0.57	3	06-13-1985	--	KE Db 73
70	80	4	18.57	07-24-1990	20	20	1.00	2	05-11-1987	O	KE Db 74
80	91	4	24.5	11-06-1967	20	3.5	5.71	5	11-06-1967	--	KE Db 75
255	355	2	21.12	10-31-1991	20	107	0.19	2	09-08-1988	O	KE Db 76
50	60	3	18	02-28-1974	20	17	1.18	3	02-28-1974	--	KE Db 77
68	78	4	15.5	10-11-1990	10	45	0.22	3	10-05-1988	O	KE Db 78
72	80	4	19.64	10-11-1990	15	42	0.36	3	05-07-1986	Q	KE Db 79
70	80	4	10	10-04-1988	8	50	0.16	3	10-04-1988	--	KE Db 80
60	70	4	7	10-14-1980	18	43	0.42	3	10-14-1980	--	KE Db 81
76	82	4	18	12-05-1978	6	42	0.14	4	12-05-1978	--	KE Db 82
69	79	4	6	09-09-1980	10	64	0.16	4	09-09-1980	--	KE Db 83
65	75	4	45	06-24-1980	4	20	0.20	5	06-24-1980	--	KE Db 84
78	88	4	15	05-29-1981	12	35	0.34	3	05-29-1981	--	KE Db 85
54	59	4	11	09-18-1982	30	14	2.14	2	09-18-1982	--	KE Db 86
46	51	2	18	04-03-1962	15	--	--	8	04-03-1962	--	KE Db 87
54	69	4	7.72	11-07-1990	20	22	0.91	5	06-10-1982	--	KE Db 88
41	47	4	8	07-20-1983	5	32	0.16	3	07-20-1983	--	KE Db 89
55	64	--	15	01-18-1975	25	13	1.92	2	01-18-1975	--	KE Db 90
125	135	4	18	08-26-1986	50	42	1.19	3	08-26-1986	--	KE Db 91
138	158	4	14	10-06-1988	50	36	1.39	3	10-06-1988	--	KE Db 92
70	80	4	11	09-10-1986	20	39	0.51	3	09-10-1986	--	KE Db 93
140	150	2	5.11	09-20-1990	20	33	0.61	1	07-03-1974	O	KE Db 94
75	85	4	25	05-17-1988	10	15	0.67	3	05-17-1988	--	KE Db 95
31	40	2	7.44	10-11-1990	12	31	0.39	3	08-27-1964	O,Q	KE Db 96
130	140	4	10	11-17-1989	35	70	0.50	5	11-17-1989	--	KE Db 97
94	99	3	13	05-24-1976	20	29	0.69	8	05-24-1976	--	KE Db 98
180	190	4	20	01-26-1981	15	30	0.50	3	01-26-1981	--	KE Db 99
100	120	2	6	04-06-1983	50	19	2.63	2	04-06-1983	--	KE Db 100
68	75	4	5	06-25-1986	40	35	1.14	3	06-25-1986	--	KE Db 101
50	62	4	8	09-11-1988	40	27	1.48	5	09-11-1988	--	KE Db 102
87	150	--	10	01-17-1975	40	25	1.60	2	01-17-1975	--	KE Db 103
60	70	4	3	06-06-1990	60	27	2.22	2	06-06-1990	--	KE Db 104
65	75	4	12	11-10-1988	15	28	0.54	3	11-10-1988	--	KE Db 105
65	80	4	10	05-10-1985	40	10	4.00	3	05-10-1985	--	KE Db 106
72	80	4	10	10-26-1984	15	30	0.50	3	10-26-1984	--	KE Db 107
100	110	4	25	05-24-1989	10	55	0.18	3	05-24-1989	--	KE Db 108
126	131	3	4.45	11-07-1990	20	37	0.54	6	08-29-1979	--	KE Db 109
50	55	4	3	06-02-1971	40	22	1.82	1	06-02-1971	--	KE Db 110
53	63	4	12	08-30-1988	40	28	1.43	5	08-30-1988	--	KE Db 111
110	130	4	20	02-08-1988	30	50	0.60	3	02-08-1988	--	KE Db 112
125	135	2	22.22	10-11-1990	10	26	0.38	6	09-22-1977	--	KE Db 113
120	130	4	15.79	10-11-1990	55	26	2.12	3	12-08-1986	O	KE Db 114
118	138	4	18.78	10-11-1990	15	4	3.75	4	08-24-1977	O	KE Db 115
82	87	3	10	10-24-1986	50	70	0.71	3	10-24-1986	--	KE Db 116
55	65	4	13.54	10-11-1990	15	34	0.44	5	04-08-1982	--	KE Db 117
130	138	4	6	04-01-1981	30	44	0.68	3	04-01-1981	--	KE Db 118
130	140	4	6	06-12-1985	20	44	0.45	3	06-12-1985	--	KE Db 119
70	80	4	16	04-08-1971	20	54	0.37	2	04-08-1971	Q	KE Db 120
85	95	4	17	06-14-1978	25	8	3.13	3	06-14-1978	--	KE Db 121
106	121	6	7	08-24-1973	35	16	2.19	3	08-24-1973	--	KE Db 122
119	124	3	6	05-18-1973	150	94	1.60	8	05-18-1973	--	KE Db 123
110	120	4	20	12-19-1987	12	40	0.30	3	12-19-1987	--	KE Db 124
123	133	4	15	07-29-1989	20	60	0.33	1.5	07-29-1989	--	KE Db 125
70	80	4	25	08-04-1989	15	35	0.43	3	08-04-1989	--	KE Db 126
66	72	4	6	03-04-1983	35	34	1.03	3	03-04-1983	--	KE Db 127
132	142	4	18	01-11-1988	10	10	1.00	3	01-11-1988	--	KE Db 128
48	87	--	9	11-23-1946	40	6	6.67	6	11-23-1946	--	KE Dc 1
70	80	4	30	07-20-1949	10	8	1.25	2	07-20-1949	--	KE Dc 2
70	78	3	25	07-22-1949	20	35	0.57	6	07-22-1949	C	KE Dc 3

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Dc 4	--	Pomona Store	--	00-00-1927	30	22	22	U	112CLMB
KE Dc 5	--	Lucht, Ruth	--	--	25	--	--	H	112CLMB
KE Dc 6	--	Reid, David	--	--	20	18	18	H	112CLMB
KE Dc 7	--	Deringer, Hurtt	--	--	10	19.3	18.39	H	112CLMB
KE Dc 8	--	Maddox, G M	--	00-00-1951	5	17	17	H	112CLMB
KE Dc 9	--	Brown, Carl L	--	00-00-1951	15	12	12	H	112CLMB
KE Dc 10	--	Starr, Sherman	--	--	25	--	--	H	112CLMB
KE Dc 11	--	Watson, G L	--	00-00-1934	15	280	280	H	211MNMT
KE Dc 12	--	McAlpin, William R	--	--	15	19	19	U	112CLMB
KE Dc 13	KE-01-3202	Higgins	Middletown	07-00-1953	10	62	62	H	125AQUI
KE Dc 14	--	Anderson, Robert	Middletown	07-00-1953	10	157	157	U	125AQUI
KE Dc 15	--	Hoon, David	Stuart	00-00-1937	10	--	--	U	112CLMB
KE Dc 16	--	Havemeyer, Christian	W B LeCompte	00-00-1935	25	23.4	23.4	U	112CLMB
KE Dc 17	--	Trew, Bartus	--	--	10	20	20	H	112CLMB
KE Dc 18	--	Trew, Bartus	W B LeCompte	00-00-1951	10	20.8	20.8	U	112CLMB
KE Dc 19	--	Trew, Bartus	W B LeCompte	00-00-1951	10	16.2	16.2	H	112CLMB
KE Dc 20	--	Wallace, B E	--	--	15	21.2	21.2	U	112CLMB
KE Dc 21	--	McAlpin, William R	Stodoff	00-00-1937	20	89	89	U	125AQUI
KE Dc 22	--	Kirby, Charles W	--	00-00-1941	15	35	35	U	112CLMB
KE Dc 23	--	Jopling, Peter	--	00-00-1912	10	19.4	19.4	H	112CLMB
KE Dc 24	KE-66-0063	Lands End Farm	Shannahan Ar	12-00-1965	25	228	--	U	125AQUI
KE Dc 25	KE-81-0638	Walnut Point Farm	American	00-00-1987	20	315	300	U	211MGTY
KE Dc 26	KE-81-1122	Collier, Thomas	Kelley Drlg	12-02-1988	15	100	100	U	125AQUI
KE Dc 27	KE-81-1326	Blohm, Richard	Kelley Drlg	09-13-1989	15	105	105	H	125AQUI
KE Dc 28	KE-81-0778	Walnut Point Farm	American	10-12-1987	25	147	147	Q	125AQUI
KE Dc 29	KE-81-0780	Walnut Point Farm	American	10-09-1987	25	141	141	Q	125AQUI
KE Dc 30	KE-81-0781	Walnut Point Farm	American	10-14-1987	25	141	141	U	125AQUI
KE Dc 31	KE-81-1478	Black, Larry	Lifetime	06-26-1990	5	380	380	H	211MGTY
KE Dc 32	KE-81-1184	Lane, Daniel R	American	03-18-1989	5	410	380	H	211MGTY
KE Dc 33	--	--	--	--	5	17.2	17.2	H	112CLMB
KE Dc 34	KE-73-0435	Wright	Kelley Drlg	06-22-1976	15	300	300	H	211MTWN
KE Dc 35	KE-72-0086	Fletcher, Herbert	M A Pentz	07-27-1972	15	230	230	U	125AQUI
KE Dc 36	KE-02-8917	Wilmerding, David R	Ennis Bros	12-31-1957	10	66	66	H	125AQUI
KE Dc 37	KE-81-0063	Ferber, Andre	Kelley Drlg	01-06-1983	15	285	280	H	211MTWN
KE Dc 38	KE-81-1473	Davis, Edna	Collier Well	07-15-1990	10	200	200	H	125AQUI
KE Dc 39	KE-81-0693	Taylor, Evans P	Delmarva	10-15-1987	15	112	112	H	125AQUI
KE Dc 40	KE-81-0187	Welton, Robert III	Kelley Drlg	03-19-1984	20	80	80	H	125AQUI
KE Dc 41	KE-81-1343	--	Kelley Drlg	04-19-1990	5	75	75	H	125AQUI
KE Dc 42	KE-81-1216	Hoon, David	Collier Well	05-01-1989	10	200	200	H	125AQUI
KE Dc 43	KE-81-1274	Christie, John	Lifetime	05-26-1989	10	140	140	H	125AQUI
KE Dc 44	KE-81-0528	Havemeyer, Chris	Kelley Drlg	07-23-1986	25	80	80	H	125AQUI
KE Dc 45	KE-81-0823	Walbert, Calvin K	Kelley Drlg	04-29-1988	15	120	120	H	125AQUI
KE Dc 46	KE-81-0604	Havemeyer, Christian	Kelley Drlg	01-15-1987	25	80	80	I	125AQUI
KE Dc 47	KE-73-0135	Havemeyer, Horace Jr	Shannahan Ar	11-23-1973	20	145	145	H	125AQUI
KE Dc 48	KE-73-0022	Emanuel U Meth Church	Kelley Drlg	09-01-1972	25	105	101	H	125AQUI
KE Dc 49	KE-81-1322	Pomona Store	Kelley Drlg	08-28-1989	30	140	140	H	125AQUI
KE Dc 50	KE-73-0363	Learman, Mrs B L	M A Pentz	08-15-1975	10	160	160	H	125AQUI
KE Dc 51	KE-02-3032	Anderson, Robert L	W F Stewart	05-02-1956	10	51	51	H	112CLMB
KE Dc 52	KE-81-0718	Learman, Jane	Shore	06-29-1987	5	50	50	H	125AQUI
KE Dc 53	KE-81-0189	Pelczar, Michael R	Middletown	01-12-1984	10	58	58	H	112CLMB
KE Dc 54	KE-73-0621	Fleisig, Heywood	Kelley Drlg	10-10-1977	10	60	58	H	112CLMB
KE Dc 55	KE-81-0379	Ingersoll, Dan	Delmarva	08-09-1985	10	110	110	H	125AQUI
KE Dc 56	--	Ingersol, H G	--	--	20	25.4	25.4	H	112CLMB
KE Dc 57	KE-01-9460	Gwynn, Edgar P	M A Pentz	07-13-1955	15	180	180	H	125AQUI
KE Dc 58	KE-73-0380	Ingersoll, William S	Kelley Drlg	10-15-1975	15	110	103	H	125AQUI
KE Dc 59	KE-73-0516	Morris, Charles	Lifetime	12-14-1976	20	143	143	H	125AQUI
KE Dc 60	KE-81-0873	Meeham, Charles	Kelley Drlg	03-29-1988	20	123	123	H	125AQUI
KE Dc 61	KE-81-0608	Mears, Roy	Kelley Drlg	07-28-1987	5	120	120	H	125AQUI
KE Dc 62	KE-66-0006	Hewes, Robert M IV	Delmarva	10-27-1965	5	103	100	H	125AQUI
KE Dc 63	KE-73-1144	Hoopes, Donald F	W F Stewart	10-01-1981	5	55	55	H	112CLMB
KE Dc 64	KE-81-0254	Keen, Henry T	Kelley Drlg	09-24-1984	15	60	60	H	125AQUI
KE Dc 65	KE-81-0656	Hewes, Robert III	Kelley Drlg	01-06-1987	10	80	80	H	125AQUI
KE Dc 66	KE-81-1104	Hewes, Robert M Jr	Shannahan Ar	04-01-1989	5	306	135	H	125AQUI
KE Dc 67	KE-81-1244	Hewes, Robert M Jr	Shannahan Ar	04-07-1989	5	80	70	H	125AQUI
KE Dc 68	KE-73-0910	Brodie, Herbert	Middletown	08-24-1979	18	62	62	H	125AQUI
KE Dc 69	KE-81-0654	Finley, Janice	Lifetime	02-24-1987	15	240	240	U	125AQUI
KE Dc 70	KE-73-1029	Frazier, William	Lifetime	09-03-1980	10	60	60	H	125AQUI
KE Dc 71	KE-66-0062	Lands End Farm	Shannahan Ar	12-23-1965	15	78.7	78.7	H	125AQUI
KE Dc 72	KE-03-7154	Lands End Farm	Shannahan Ar	11-30-1959	25	134	129	U	125AQUI
KE Dc 73	KE-66-0063	Lands End Farm	Shannahan Ar	12-17-1965	25	86	73	H	112CLMB
KE Dc 74	KE-66-0061	Lands End Farm	Shannahan Ar	12-21-1965	15	64	64	H	125AQUI
KE Dc 75	KE-03-7033	Lands End Farm	Shannahan Ar	11-19-1959	15	89.5	89.5	H	125AQUI
KE Dc 76	KE-73-0434	Lands End Farm	Shannahan Ar	05-26-1976	15	90	90	H	125AQUI
KE Dc 77	KE-01-0366	Lands End Farm	Ennis Bros	06-27-1952	10	232	232	H	125AQUI
KE Dc 78	KE-88-0015	Ray, John	Shore	08-13-1990	15	76	76	H	125AQUI

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
--	--	--	--	--	--	--	--	--	--	--	KE Dc 4
--	--	--	--	--	--	--	--	--	--	--	KE Dc 5
--	--	--	6	03-20-1952	--	--	--	--	--	O	KE Dc 6
--	--	--	15.68	09-00-1979	--	--	--	--	--	--	KE Dc 7
--	--	--	--	--	--	--	--	--	--	--	KE Dc 8
--	--	--	--	--	--	--	--	--	--	--	KE Dc 9
--	--	--	--	--	--	--	--	--	--	--	KE Dc 10
--	--	--	--	--	--	--	--	--	--	--	KE Dc 11
--	--	--	--	--	--	--	--	--	--	--	KE Dc 12
--	--	--	15	07-00-1953	10	10	1.00	5	07-00-1953	--	KE Dc 13
--	--	--	9	07-00-1953	50	--	--	--	07-00-1953	--	KE Dc 14
--	--	--	--	--	--	--	--	--	--	--	KE Dc 15
--	--	--	16.28	03-21-1952	--	--	--	--	--	--	KE Dc 16
--	--	--	--	--	--	--	--	--	--	--	KE Dc 17
--	--	--	6.04	03-21-1952	--	--	--	--	--	--	KE Dc 18
--	--	--	7	03-21-1952	--	--	--	--	--	--	KE Dc 19
--	--	--	11.7	03-21-1952	--	--	--	--	--	--	KE Dc 20
--	--	--	--	--	--	--	--	--	--	--	KE Dc 21
--	--	--	--	--	--	--	--	--	--	--	KE Dc 22
--	--	--	12.57	03-21-1952	--	--	--	--	--	--	KE Dc 23
--	--	--	--	--	--	--	--	--	--	C	KE Dc 24
--	--	--	18.79	11-20-1990	--	--	--	--	--	L,O	KE Dc 25
90	100	4	12.28	09-27-1990	60	38	1.58	3	12-02-1988	--	KE Dc 26
95	105	4	18.76	09-27-1990	20	43	0.47	3	09-13-1989	O	KE Dc 27
92	142	6	18	10-12-1987	15	7	2.14	6	10-12-1987	--	KE Dc 28
91	141	6	19	10-09-1987	10	7	1.43	10	10-09-1987	--	KE Dc 29
89	139	6	24.34	11-08-1990	10	6	1.67	10	10-14-1987	--	KE Dc 30
340	380	2	40	06-26-1990	3	100	0.03	5	06-26-1990	--	KE Dc 31
350	380	4	13.92	10-17-1990	7	139	0.05	6	03-18-1989	O	KE Dc 32
--	--	--	14.04	11-08-1990	--	--	--	--	--	--	KE Dc 33
280	300	2	25	06-22-1976	12	35	0.34	3	06-22-1976	--	KE Dc 34
176	230	--	15	07-27-1972	35	16	2.19	4	07-27-1972	--	KE Dc 35
60	66	--	16.4	12-31-1957	20	46.6	0.43	8	12-31-1957	--	KE Dc 36
260	280	2	12	01-06-1983	15	58	0.26	3	01-06-1983	--	KE Dc 37
180	200	2	40	07-15-1990	25	20	1.25	5	07-15-1990	--	KE Dc 38
95	100	4	15	10-15-1987	15	6	2.50	2	10-15-1987	--	KE Dc 39
70	80	4	10	03-19-1984	60	35	1.71	3	03-19-1984	--	KE Dc 40
65	75	4	3	04-19-1990	40	47	0.85	3	04-19-1990	--	KE Dc 41
180	200	2	25.85	09-28-1990	25	20	1.25	5	05-01-1989	--	KE Dc 42
125	140	4	24.41	09-28-1990	40	75	0.53	5	05-26-1989	--	KE Dc 43
75	80	4	22	07-23-1986	35	28	1.25	3	07-23-1986	--	KE Dc 44
110	120	4	10	04-29-1988	10	50	0.20	3	04-29-1988	--	KE Dc 45
65	80	4	17.2	09-28-1990	50	48	1.04	3	01-15-1987	O	KE Dc 46
104	145	4	13	11-23-1973	25	23	1.09	6	11-23-1973	--	KE Dc 47
96	101	4	18	09-01-1972	20	27	0.74	2	09-01-1972	--	KE Dc 48
130	140	4	16.74	09-27-1990	12	64	0.19	3	08-28-1989	O	KE Dc 49
115	160	--	14	08-15-1975	45	21	2.14	3	08-15-1975	--	KE Dc 50
45	51	2	17	05-02-1956	20	13	1.54	4	05-02-1956	--	KE Dc 51
45	50	3	10	06-29-1987	30	30	1.00	5	06-29-1987	--	KE Dc 52
50	58	3	13.7	01-12-1984	25	31.3	0.80	2	01-12-1984	--	KE Dc 53
53	58	4	12	10-10-1977	20	28	0.71	3	10-10-1977	--	KE Dc 54
92	107	4	16	08-09-1985	80	7	11.43	2	08-09-1985	Q	KE Dc 55
--	--	--	19.59	09-27-1990	--	--	--	--	--	O	KE Dc 56
145	180	4	14	07-13-1955	20	7	2.86	2	07-13-1955	--	KE Dc 57
93	103	4	12	10-15-1975	7	58	0.12	10	10-15-1975	--	KE Dc 58
120	143	2	10.68	09-28-1990	30	64	0.47	20	12-14-1976	--	KE Dc 59
113	123	4	15	03-29-1988	8	35	0.23	3	03-29-1988	--	KE Dc 60
100	120	4	15	07-28-1987	25	65	0.38	3	07-28-1987	--	KE Dc 61
80	100	4	12	10-27-1965	40	6	6.67	2	10-27-1965	--	KE Dc 62
50	55	3	14	10-01-1981	40	36	1.11	8	10-01-1981	--	KE Dc 63
52	60	4	15.46	09-27-1990	12	27	0.44	3	09-24-1984	--	KE Dc 64
70	80	4	17.35	09-27-1990	25	45	0.56	3	01-06-1987	--	KE Dc 65
120	135	4	9.4	09-27-1990	25	15	1.67	1	04-01-1989	--	KE Dc 66
55	70	4	9.1	09-27-1990	30	16	1.88	1	04-07-1989	--	KE Dc 67
45	62	--	17.35	04-25-1991	35	22	1.59	2	08-24-1979	O	KE Dc 68
160	240	4	18	02-24-1987	25	42	0.60	5	02-24-1987	--	KE Dc 69
52	60	4	12	09-03-1980	10	33	0.30	6	09-03-1980	--	KE Dc 70
68.2	78.7	4	20	12-23-1965	21	8	2.63	4.5	12-23-1965	--	KE Dc 71
119	129	5	23	11-30-1959	30	--	--	4	11-30-1959	--	KE Dc 72
41	51	4	22	12-17-1965	23	4	5.75	5	12-17-1965	Q	KE Dc 73
31	41	4	18.4	12-21-1965	25	4.6	5.43	5	12-21-1965	--	KE Dc 74
79.5	89.5	4	20	11-19-1959	30	--	--	4	11-19-1959	--	KE Dc 75
80	90	4	20	05-26-1976	55	25	2.20	4	05-26-1976	--	KE Dc 76
217.3	232	--	--	--	--	--	--	--	--	C,Q	KE Dc 77
66	76	4	17	08-13-1990	25	23	1.09	6	08-13-1990	--	KE Dc 78

Table 3. — Records of selected wells in Kent County and surrounding areas — Continued

Well number	Well permit number	Owner or name	Driller	Date of construction	Altitude of land surface (ft)	Depth drilled (ft)	Depth of well (ft)	Use of water	Hydro-geologic unit
KE Dc 79	KE-66-0130	Simpson, Vernon	W F Stewart	07-14-1966	30	77	77	H	112CLMB
KE Dc 80	KE-73-1089	Nicholson, Luke	American	04-23-1981	5	112	105	H	125AQUI
KE Dc 81	KE-88-0019	Collier, Thomas	Lifetime	08-07-1990	15	105	105	I	125AQUI
KE Dc 82	KE-88-0056	Buckley, Kathryn	Delmarva	07-10-1990	10	83	63	H	125AQUI
KE Dc 83	KE-81-0779	Walnut Point Farm	American	09-21-1987	25	155	155	Q	125AQUI
KE Dc 84	KE-81-0737	Finley, Janice	Lifetime	03-16-1987	15	60	60	H	125AQUI
KE Dc 85	KE-81-1204	Collier, Thomas	Kelley Drlg	05-03-1989	15	100	100	U	125AQUI
KE Dc 86	KE-68-0018	McAlpin, William R	Shannahan Ar	09-07-1967	15	105	81	H	125AQUI
KE Dc 87	--	Bortner, James A	--	--	10	--	--	H	125AQUI
KE Dc 88	KE-01-3201	Anderson, Robert	Middletown	09-00-1953	10	51	51	H	125AQUI
KE Dc 89	KE-88-0246	Md Geological Survey	Md Wtr Rsrc	07-31-1991	4.52	140	29	U	112CLMB
KE Dc 90	--	Potts, Henry	--	--	30	23.9	23	U	112CLMB
KE Dc 91	KE-88-0247	Md Geological Survey	Md Wtr Rsrc	08-01-1991	4.64	160	155	U	125AQUI
KE Dc 92	KE-81-1097	Watson, Gilbert	Kelley Drlg	12-01-1988	10	100	100	H	125AQUI
KE Dd 1	--	Kent School Inc	--	--	20	26	26	U	112CLMB
KE Dd 2	--	Kent School Inc	--	--	20	32.7	31.65	U	112CLMB
KE Dd 3	KE-71-0107	Kent School Inc	Shore	06-29-1971	20	69	69	T	112CLMB
KE Dd 4	KE-73-0076	Kent School Inc	Shore	04-03-1973	20	68	68	U	112CLMB
KE Dd 5	KE-81-1027	Kent School Inc	Delmarva	10-07-1988	20	123	120	T	125AQUI
KE Eb 1	KE-00-0061	East Neck Wildlife Ref	Ennis Bros	10-29-1945	5	102	70	U	125AQUI
KE Eb 2	--	East Neck Wildlife Ref	--	--	25	17	17	U	112CLMB
KE Eb 4	--	East Neck Wildlife Ref	--	00-00-1923	5	317	317	U	211MNMT
KE Eb 5	--	Strong, Robert	--	--	10	11.8	11.8	H	112CLMB
KE Eb 6	--	Aello, P	--	--	10	19.5	19.5	H	112CLMB
KE Eb 7	KE-65-0086	East Neck Wildlife Ref	W Aaron	03-17-1965	15	130	122	H	125AQUI
KE Eb 8	KE-73-0524	East Neck Wildlife Ref	Kelley Drlg	12-20-1976	25	100	100	H	125AQUI
KE Eb 9	KE-73-0353	East Neck Wildlife Ref	John Stewart	06-29-1975	10	70	70	H	125AQUI
KE Eb 10	KE-73-0767	East Neck Wildlife Ref	American	07-18-1978	25	102	100	H	125AQUI
KE Eb 11	KE-73-0769	East Neck Wildlife Ref	W F Stewart	07-14-1978	25	109	109	U	125AQUI
KE Eb 12	KE-81-0129	East Neck Boat Rental	Kelley Drlg	07-19-1983	5	97	97	C	125AQUI
KE Eb 13	KE-81-0586	Taggart, Marion	Kelley Drlg	11-05-1986	5	135	135	H	125AQUI
KE Eb 14	KE-88-0321	East Neck Wildlife Ref	CZ Enterpris	02-25-1992	15	642	635	H	211MGTY
CE Dd 81	CE-81-0469	U.S. Geological Survey	Schultes	02-17-1983	24	503	115	U	217PTMC
CE Dd 87	CE-73-0943	Stemmers Run Transfe	Kelley	11-01-1974	70	162	151	H	217PTMC
CE De 47	CE-73-2925	Hacks Point Fire Co	Newnam	05-03-1979	20	162	162	T	217PTMC
CE Ec 22	CE-81-2119	Grove Pt Girl Scout Cp	Shore	05-06-1986	45	81	81	R	211MGTY
CE Ee 29	CE-73-2266	U.S. Geological Survey	Sydnor Hydro	08-01-1978	75	1458	547	U	217PTMC
CE Ee 35	CE-73-3504	Indian Acres Inc. Ch	Newnam	08-22-1980	90	278	278	P	211MGTY
CE Ee 37	CE-73-3367	Granery Restaurant	Newnam	06-05-1980	10	280	280	C	211MGTY
QA Ag 5	QA-66-0199	Millington, Town of	Heikes Well	03-11-1966	10	82	82	Z	125AQUI
QA Be 15	--	U.S. Geological Survey	Delmarva Dlg	09-00-1970	25	2006	1171	U	--
QA Be 16	QA-70-0130	U.S. Geological Survey	Delmarva Dlg	--	25	500	498	U	--
QA Be 17	--	U.S. Geological Survey	Delmarva Dlg	09-21-1970	25	--	120	U	125AQUI
QA Bf 32	QA-81-1409	Butterworth, Carl	Lifetime	12-12-1985	15	159	159	U	125AQUI
QA Bf 33	QA-81-1531	Butterworth, Carl	Lifetime	04-08-1986	15	300	300	H	211MNMT
QA Bf 34	QA-81-0055	Jehovah's Witnesses	Kelley Drlg	03-30-1983	70	120	120	H	125AQUI
QA Bg 54	--	Md Geological Survey	Delmarva	10-05-1973	32	311	--	U	--
QA Bg 58	QA-81-1512	Shannahan, Lucy	Lifetime	03-24-1986	20	340	340	H	211MNMT
QA Bg 59	QA-73-0057	7th Day Adventist Sch	Kelley Drlg	09-11-1972	50	160	160	T	125AQUI
QA Bg 60	QA-81-0732	Rice, H J	Collier Well	10-01-1984	60	270	270	H	125AQUI
QA Ce 36	QA-73-0314	Huck, Susan	Shannahan Ar	09-20-1973	50	265	265	H	125AQUI
QA Ce 37	QA-73-0131	QA Co Soil Consv Servc	Kelley Drlg	11-24-1972	40	220	220	C	125AQUI
QA Cf 65	QA-81-0007	C & P Telephone	Kelley Drlg	01-17-1983	35	170	170	H	125AQUI
QA Dd 24	QA-81-2495	Twilley, Ralph F	Queenstown	10-02-1987	65	380	380	H	211MNMT
QA Dd 25	QA-81-1389	Ford, John S	Collier Well	12-30-1985	60	230	230	H	125AQUI
QA Eb 164	QA-81-2079	Kent Narrows Factry St	Delmarva	01-16-1987	5	780	780	C	211MGTY
QA Eb 165	QA-81-1468	McDonald's	Collier Well	02-15-1986	15	710	710	C	211MGTY
			Delaware						
Gb12-10	72582	Fairhill Farms	Delmarva	03-17-1988	65	150	150	U	211MNMT
Gb14-04	77629	Tyndall, Hyland	Lifetime	03-19-1989	52	97	97	H	125AQUI
Gb22-06	47555	Uniatowski, Nicholas J	Delmarva	03-04-1981	35	283	245	U	211MNMT
Gb41-16	--	U.S. Geological Survey	USGS	12-09-1988	84.5	17	17	Z	112CLMB
Gb44-03	81389	Anderson, Dave	R J Seward	01-30-1990	60	117	117	H	122CLVR
Hb14-01	--	Del Dept of Transp.	USGS	10-23-1957	70	19	18.6	U	--
Hb34-01	82818	McNatt, Paul	Stover Bldr	05-18-1990	55	180	180	H	125AQUI
Ib33-01	81803	Bush, Robert	Tri County	02-22-1990	60	330	330	H	125AQUI
Ib43-02	46783	Truitt, Harry	White Drlg	11-12-1980	65	443	439	S	211MNMT
Ib43-04	--	Truitt, Harry	--	--	65	55	--	U	112CLMB

Screen			Water level		Aquifer test						
Top of open interval (ft)	Bottom of open interval (ft)	Diameter of interval (in)	Water level (ft)	Date measured	Yield (gal/min)	Drawdown (ft)	Specific capacity [(gal/min)/ft]	Hours pumped	Date of test	Remarks	Well number
68	77	2	30	07-14-1966	12	47	0.26	4	07-14-1966	--	KE Dc 79
90	105	4	20	04-23-1981	40	41	0.98	2	04-23-1981	--	KE Dc 80
65	105	--	15	08-07-1990	8	65	0.12	5	08-07-1990	--	KE Dc 81
53	63	4	16	07-10-1990	60	24	2.50	2	07-10-1990	--	KE Dc 82
91	141	6	--	--	15	--	--	2	09-21-1987	--	KE Dc 83
53	60	4	12	03-16-1987	50	28	1.79	5	03-16-1987	--	KE Dc 84
90	100	4	12.5	09-27-1990	10	32	0.31	3	05-03-1989	L	KE Dc 85
70	81	4	15.7	09-07-1967	15	5.3	2.83	4	09-07-1967	--	KE Dc 86
--	--	--	--	--	--	--	--	--	--	--	KE Dc 87
46	51	5	9	09-00-1953	10	8	1.25	10	09-00-1953	--	KE Dc 88
14	24	4	3.54	10-21-1991	16	5.84	2.74	6	12-18-1991	L,O,Q	KE Dc 89
--	--	--	19.31	09-00-1953	--	--	--	--	--	Q	KE Dc 90
140	150	4	4.29	10-21-1991	98	50.54	1.94	6	12-16-1991	L,O	KE Dc 91
90	100	4	--	--	30	35	0.86	3	12-01-1988	--	KE Dc 92
--	--	--	--	--	--	--	--	--	--	--	KE Dd 1
--	--	--	24.03	09-00-1979	--	--	--	--	--	--	KE Dd 2
64	69	3	25	06-29-1971	25	24	1.04	8	06-29-1971	--	KE Dd 3
64	68	3	23.27	09-21-1990	30	38	0.79	8	04-03-1973	O	KE Dd 4
100	120	6	27	10-07-1988	100	43	2.33	4	10-07-1988	Q	KE Dd 5
60	70	--	12	10-29-1945	25	48	0.52	22	10-29-1945	C	KE Eb 1
--	--	--	3.2	03-20-1952	--	--	--	--	--	--	KE Eb 2
--	--	--	--	--	--	--	--	--	--	--	KE Eb 4
--	--	--	5.35	03-20-1952	--	--	--	--	--	O	KE Eb 5
--	--	--	6.02	03-20-1952	--	--	--	--	--	--	KE Eb 6
110	122	4	18.9	08-10-1983	35	--	--	4	03-17-1965	--	KE Eb 7
90	100	4	23.6	08-10-1983	8	50	0.16	3	12-20-1976	--	KE Eb 8
60	70	4	8.18	08-10-1983	35	48	0.73	3	06-29-1975	--	KE Eb 9
90	95	4	25	07-18-1978	5	4	1.25	2	07-18-1978	--	KE Eb 10
99	109	3	25	07-14-1978	60	80	0.75	10	07-14-1978	O	KE Eb 11
89	97	4	2.83	07-24-1990	50	46	1.09	4	07-19-1983	Q	KE Eb 12
125	135	4	4.8	07-24-1990	35	27	1.30	3	11-05-1986	O	KE Eb 13
60	630	5	26.92	04-21-1992	380	56	6.79	48	02-25-1992	L,O	KE Eb 14
110	115	2	15.5	03-25-1983	30	--	--	4.8	02-17-1983	O,Q	CE Dd 81
146	151	4	62	11-01-1974	30	62	0.38	3	11-01-1974	O,Q	CE Dd 87
157	162	3	10.1	04-26-1983	20	13	0.69	8	05-03-1979	O,Q	CE De 47
76	81	6	45.52	04-24-1991	40	47	1.21	8	05-06-1986	O	CE Ec 22
515	525	4	68.5	08-01-1978	30	68.5	1.07	5	08-01-1978	O,Q	CE Ee 29
253	278	6	81	08-22-1980	200	81	2.22	10	08-22-1980	O,Q	CE Ee 35
270	280	3	4	06-05-1980	45	4	0.56	16	06-05-1980	O	CE Ee 37
52	82	--	-5	03-11-1966	30	--	--	4	03-11-1966	--	QA Ag 5
1161	1171	4	--	--	--	--	--	--	--	O,Q	QA Be 15
475	495	6	13	09-09-1970	80	13	6.67	3	09-09-1970	O	QA Be 16
100	120	6	11	09-21-1970	15	11	1.67	6	09-21-1970	O	QA Be 17
147	159	4	10.28	04-29-1991	25	54	0.96	5	12-12-1985	O	QA Bf 32
280	300	2	8.65	04-29-1991	25	27	0.47	5	04-08-1986	O	QA Bf 33
110	120	4	53.12	04-29-1991	12.	50	0.30	4	03-30-1983	O	QA Bf 34
--	--	--	16.5	10-05-1973	--	--	--	--	--	O	QA Bg 54
320	340	2	10.76	04-29-1991	20	50	0.40	5	03-24-1986	O	QA Bg 58
140	160	4	37.03	04-29-1991	45	35	0.69	2	09-11-1972	O	QA Bg 59
250	270	2	44.64	04-29-1991	25	55	2.08	7	10-01-1984	O	QA Bg 60
102	265	--	46.89	04-26-1991	20	48	6.67	8	09-20-1973	O	QA Ce 36
100	220	--	39.88	04-11-1991	75	35	1.67	2	11-24-1972	O	QA Ce 37
160	170	4	32.32	04-26-1991	20	30	0.50	3	01-17-1983	O	QA Cf 65
370	380	2	58.03	04-26-1991	40	35	2.67	3	10-02-1987	O	QA Dd 24
210	230	2	53.42	04-26-1991	40	52	2.22	7	12-30-1985	O	QA Dd 25
720	740	4	8.93	04-26-1991	30	6	5.00	8	01-16-1987	O	QA Eb 164
690	710	2	18.82	04-26-1991	40	12	2.50	7	02-15-1986	O	QA Eb 165
80	140	4	21.26	04-24-1991	60	1	1.46	2	03-17-1988	O	Gb12-10
85	97	4	36.9	04-24-1991	50	40	1.25	5	03-19-1989	O	Gb14-04
176	245	4	1.4	04-24-1991	25	4	1.79	3.5	03-04-1981	O	Gb22-06
14	17	2	--	--	--	--	--	--	--	O	Gb41-16
107	117	4	42.5	04-24-1991	20	35	0.44	3	01-30-1990	O	Gb44-03
--	--	--	9.04	10-23-1957	--	--	--	--	--	O	Hb14-01
160	180	2	34.08	04-24-1991	35	30	0.50	4	05-18-1990	O	Hb34-01
310	330	2	40.96	04-24-1991	--	--	--	--	--	O	Ib33-01
390	439	4	48.85	04-24-1991	60	40	0.38	2	11-12-1980	O	Ib43-02
--	--	--	6.54	10-22-1991	--	--	--	--	--	O	Ib43-04

Table 4. — Records of selected springs in Kent County

[(gal/min) = gallons per minute; - - = data not available]

Spring number	Owner	Altitude of land surface (feet)	Topo-graphic setting	Use of water	Hydro-geologic unit	Yield (gal/min)	Date yield measured	Im-prove-ments
KE Ac 13	Roberts, E	20	S	H	112CLMB	--	- -	L
KE Ad 20	Betterton, Town of	10	S	U	112CLMB	4.7	07-06-1992	R
KE Ce 2	Stradley, T Allen	10	F	H	112CLMB	4	10-16-1951	C
KE Eb 3	Eastern Neck Wildlife Refuge	10	F	U	112CLMB	1	03-20-1952	B

Explanation of codes

Topographic setting
F Flat
S Hillside

Use of water
H Domestic
U Unused

Hydrogeologic unit
112CLMB Columbia

Improvements
B Boxed basin
C Concrete basin
L Lined
R Pipe

Table 5. — Discharge measurements at streamflow-gaging stations in Kent County

[* = no official station number assigned; number is map location in figure 4]

Station number	Station name	Date and discharge, in cubic feet per second					
01493110	Chester River tributary at Chesterville	11-05-90	0.75	08-19-91	0.64	01-06-92	0.54
		03-06-91	1.0	09-16-91	0.55	02-03-92	0.46
		05-28-91	1.0	10-15-91	0.51	03-02-92	0.55
		06-25-91	0.67	11-14-91	1.3	03-30-92	0.77
		07-22-91	0.75	12-09-91	0.51		
01493112	Chester River tributary near Crumpton	11-06-90	4.9	05-29-91	6.4	05-04-93	7.8
		03-01-91	6.7	10-22-91	4.6		
01492980	Cypress Branch at Millington	05-04-93	28				
01492971	Cypress Branch near Millington	11-08-90	0.24	06-06-91	0.15	10-22-91	0.00
		03-06-91	14				
15*	Herring Branch at Sassafras	05-04-93	4.5				
16*	Jacobs Creek near Sassafras	05-04-93	5.7				
01492972	Jason Branch near Massey	03-12-91	1.1				
01493109	Justin Branch near Chesterville	03-06-91	0.15	05-30-91	0.12		
17*	Langford Creek, East Branch near Langford	05-04-93	3.0				
18*	Langford Creek, East Branch tributary near Langford	05-04-93	4.3				
01492990	Mills Branch near Millington	06-06-91	3.0	05-04-93	4.3		
19*	Mill Creek near Galena	05-04-93	1.9				
01494035	Mill Pond outlet near Langford	06-07-91	3.1				
01493493	Morgan Creek at Harmony Corner	09-10-92	0.07				
01493490	Morgan Creek at Blacks	03-06-91	<0.01	05-30-91	0.01		

Table 5. — Discharge measurements at streamflow-gaging stations in Kent County — Continued

Station number	Station name	Date and discharge, in cubic feet per second					
01493500	Morgan Creek near Kennedyville	07-20-73	7.8	09-26-78	4.0	12-29-82	5.3
		08-10-73	7.3	10-24-78	4.2	02-03-83	24
		09-05-73	6.3	11-24-78	5.9	03-03-83	8.6
		10-12-73	6.7	12-04-78	25	04-14-83	10
		11-07-73	7.1	12-05-78	37	05-24-83	21
		01-11-74	28	12-06-78	14	06-21-83	326
		02-15-74	10	12-26-78	12	06-22-83	53
		03-15-74	7.1	01-23-79	16	06-23-83	13
		04-19-74	8.8	02-22-79	13	08-03-83	5.4
		05-31-74	8.8	02-26-79	642	08-30-83	76
		06-24-74	9.7	03-06-79	81	09-28-83	5.8
		07-19-74	5.1	03-27-79	8.8	10-21-83	5.8
		07-24-74	5.3	03-28-79	8.8	11-08-83	6.2
		08-22-74	5.0	04-23-79	7.8	12-16-83	13
		08-23-74	6.3	04-24-79	7.8	01-25-84	24
		09-24-74	4.8	05-24-79	19	03-02-84	9.7
		11-15-74	7.0	06-25-79	5.6	03-29-84	129
		12-04-74	10	07-25-79	10	04-12-84	12
		01-06-75	6.4	08-28-79	11	05-17-84	8.7
		01-22-75	10	09-25-79	7.3	05-30-84	86
		03-07-75	9.0	09-26-79	7.3	06-28-84	6.7
		04-17-75	9.8	10-10-79	37	08-21-84	6.6
		05-21-75	9.6	10-10-79	57	11-02-84	6.3
		07-03-75	6.3	10-10-79	84	12-17-84	6.6
		08-14-75	25	10-24-79	12	03-05-85	10
		10-09-75	9.0	10-25-79	10	03-28-85	6.1
		10-30-75	8.8	12-05-79	8.2	05-08-85	4.0
		11-24-75	8.7	12-20-79	8.0	05-29-85	23
		12-24-75	8.5	12-26-79	12	06-25-85	3.7
		01-26-76	12	01-24-80	9.2	07-22-85	3.9
		02-25-76	9.0	02-22-80	13	08-14-85	3.4
		03-24-76	8.0	02-26-80	11	09-12-85	3.7
		04-23-76	6.5	03-18-80	13	10-04-85	23
		05-25-76	4.5	04-22-80	8.4	11-14-85	4.9
		06-25-76	4.4	05-13-80	10	12-20-85	3.7
		07-21-76	4.6	05-28-80	6.5	02-12-86	7.8
		08-26-76	3.8	06-25-80	5.6	03-25-86	5.4
		09-23-76	3.6	07-29-80	5.6	05-13-86	3.6
		10-22-76	9.4	08-13-80	6.0	06-30-86	3.0
		11-18-76	6.1	09-09-80	3.7	07-08-86	2.9
		12-21-76	8.7	10-20-80	5.4	07-10-86	2.6
		01-14-77	8.3	12-09-80	5.5	07-29-86	2.7
		02-23-77	5.4	01-12-81	3.4	09-11-86	3.0
		03-23-77	27	02-20-81	8.4	10-09-86	2.9
		04-26-77	7.4	03-31-81	6.5	10-14-86	10
		05-23-77	2.9	05-08-81	4.0	11-06-86	17
		06-23-77	2.1	07-22-81	3.1	11-21-86	18
		07-25-77	1.9	08-20-81	2.3	11-25-86	5.4
		08-23-77	2.7	09-17-81	6.8	12-03-86	55
		09-22-77	2.5	10-29-81	6.0	12-10-86	23
		10-25-77	2.8	12-07-81	3.9	01-13-87	6.7
		11-22-77	4.5	01-07-82	5.5	01-30-87	8.0
		12-27-77	7.8	02-16-82	7.2	02-19-87	7.4
		01-24-78	8.3	03-29-82	5.0	03-24-87	6.1
		02-22-78	7.2	04-29-82	8.9	05-11-87	4.8
		03-23-78	8.3	06-02-82	6.6	06-29-87	3.5
		04-24-78	7.3	08-17-82	3.3	08-17-87	2.7
		05-23-78	6.2	09-15-82	3.4	11-05-90	6.1
		06-19-78	3.7	10-12-82	3.5	03-06-91	7.1
		07-24-78	3.4	11-16-82	4.7	05-30-91	5.8
		08-23-78	3.3			05-04-93	7.7
01493495	Morgan Creek near Locust Grove	11-06-90	1.2	03-06-91	2.0	05-30-91	1.4

Table 6. — Streamflow characteristics for gaging station on Morgan Creek near Kennedyville

[ft^3/s = cubic feet per second; % = percent]

Station number.--01493500.

Location.--Latitude 39°16'48", Longitude 76°00'54", Kent County, on right bank 200 feet upstream from highway bridge, 2.0 miles southwest of Kennedyville, and 4.5 miles upstream from mouth.

Drainage area.--12.7 square miles (Revised).

Period of record.--May 1951 to current year.

Gage.--Water-stage recorder and concrete control. Datum of gage is 1.76 feet above mean sea level.

Average discharge.--42 years, 10.6 ft^3/s.

Extremes.--Maximum discharge, 7,500 ft^3/s June 22, 1972, gage height, 13.07 feet; minimum discharge, 0.06 ft^3/s August 28-29, 1966.

Magnitude and frequency of annual high flow
(Based on period October 1, 1951 to September 30, 1992, except peak flow; water years 1951-92)

Annual maximum	Discharge, in ft^3/s, for indicated recurrence interval, in years					
	2-year	5-year	10-year	25-year	50-year	100-year
Peak flow	364	475	1,120	1,800	2,470	3,340
1-day flow	200	393	588	942	1,310	--
3-day flow	96	177	258	402	549	--
7-day flow	51	90	127	191	254	--

Magnitude and frequency of annual low flow
(Based on period April 1, 1952 to March 31, 1992)

Annual minimum	Discharge, in ft^3/s, for indicated recurrence interval, in years				
	2-year	5-year	10-year	20-year	50-year
7-day flow	3.3	2.2	1.7	1.3	--
14-day flow	3.5	2.3	1.8	1.4	--
30-day flow	4.0	2.6	2.0	1.6	--
60-day flow	4.6	3.1	2.5	2.0	--
120-day flow	5.8	3.9	3.1	2.6	--

Duration of daily flow
Based on period October 1, 1951 to September 30, 1992)

Discharge, in ft^3/s, which was exceeded for indicated percentage of time								
1%	5%	10%	25%	50%	75%	90%	95%	99%
92	29	17	9.3	6.3	4.4	3.2	2.7	1.9

Table 7. — Chemical analyses of major constituents and radon in ground water from selected wells and springs in Kent County

[mg/L = milligrams per liter; - - = data not collected; < = less than; deg C = degrees Celsius; µS/cm = microsiemens per centimeter; pCi/L = picocuries per liter; * = spring]

Site number	Date	Aquifer	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (deg C)	Oxygen, dissolved (mg/L)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)
KE Ac 20	12-02-77	Potomac	--	--	--	--	440	97	48	380	15
KE Ad 5	09-28-54	Magothy	32	6.4	16.5	--	3	1.1	0.10	2.6	1.5
KE Ad 10	12-21-54	Magothy	122	6.1	13.5	--	27	6.0	2.9	9.5	2.2
KE Ad 20*	12-21-54	Columbia	244	6.4	12.5	--	59	13	6.4	16	4.6
	05-26-92	Columbia	214	5.5	13.0	8.0	55	12	6.0	16	4.7
KE Ad 43	05-26-92	Magothy	44	5.3	13.5	7.4	8	2.0	0.84	3.6	1.5
KE Ae 18	09-28-54	Monmouth	187	7.5	17.0	--	86	33	0.90	3.1	1.7
KE Af 17	09-28-54	Aquia	290	6.9	18.5	--	120	--	--	--	--
KE Af 20	09-28-54	Potomac	296	7.8	17.0	--	11	--	--	--	--
KE Af 56	05-27-92	Aquia	366	7.3	14.0	0.5	190	72	1.7	3.2	2.6
KE Ag 20	07-28-93	Aquia	343	7.0	14.5	0.2	34	9.7	2.4	4.8	3.6
KE Ag 54	05-18-93	Monmouth	239	6.9	13.5	0.1	110	38	3.7	4.9	4.5
KE Bb 12	04-16-92	Magothy	236	5.6	13.0	2.7	42	11	3.5	26	1.7
KE Bb 38	04-16-92	Columbia	199	5.1	12.0	2.0	32	7.2	3.5	23	1.5
KE Bc 29	09-29-54	Magothy	73	6.1	16.0	--	24	--	--	--	--
KE Bc 70	07-15-92	Magothy	289	6.5	16.5	0.2	<0.1	0.05	0.01	66	5.7
KE Bc 172	07-07-93	Monmouth	216	6.6	15.5	<0.1	96	35	2.0	2.0	4.3
KE Bc 174	07-29-93	Aquia	84	5.4	18.0	<0.1	13	2.3	1.8	2.8	4.5
KE Bc 185	05-05-92	Columbia	55	5.2	13.5	7.9	13	2.4	1.7	2.7	2.1
KE Bc 186	05-05-92	Monmouth	141	6.4	13.5	<0.1	41	11	3.2	1.9	3.0
KE Bd 39	06-13-89	Aquia	68	4.9	16.0	0.6	8	1.1	1.2	3.7	3.3
KE Bd 42	09-07-88	Columbia	235	--	21.0	5.7	89	23	7.7	9.0	2.9
KE Bd 136	05-13-93	Monmouth	246	6.5	13.5	<0.1	96	36	1.6	1.9	2.3
KE Bd 147	12-06-91	Aquia	100	6.5	7.5	<0.1	12	3.5	0.88	2.7	1.5
KE Be 5	12-21-54	Potomac	316	7.4	12.0	--	160	61	1.3	2.5	2.2
KE Be 43	12-07-78	Magothy	290	7.1	16.0	--	130	44	4.5	6.8	3.9
KE Be 46	07-18-88	Columbia	127	4.6	14.5	10.0	35	9.6	2.7	5.1	2.7
KE Be 47	07-13-88	Columbia	373	5.1	15.0	7.3	150	22	22	11	1.7
	08-19-91	Columbia	269	6.0	15.0	9.6	110	19	14	6.0	2.4
	06-09-92	Columbia	303	5.9	14.0	9.1	110	21	14	6.2	3.1
	06-28-93	Columbia	306	5.9	14.5	8.5	97	19	12	11	3.3
KE Be 49	06-04-90	Columbia	251	5.5	13.5	8.4	110	19	14	3.8	2.0
	09-20-89	Columbia	303	5.5	15.0	7.1	120	20	17	5.8	2.5
	11-30-88	Columbia	327	5.1	14.5	7.0	130	22	18	5.5	3.1
KE Be 50	11-28-88	Columbia	514	4.8	14.0	9.0	200	35	27	13	2.0
	09-20-89	Columbia	502	5.0	17.0	7.7	200	34	27	12	1.9
	06-05-90	Columbia	--	5.0	13.5	10.6	170	31	22	10	1.5
	11-19-90	Columbia	473	5.1	15.0	9.0	170	31	23	9.7	1.5
	05-28-91	Columbia	397	5.4	15.0	10.1	150	27	20	8.9	1.7
KE Be 51	06-04-90	Columbia	168	4.7	13.5	9.8	52	11	5.9	8.1	2.4
	09-19-89	Columbia	159	5.4	14.5	8.5	45	9.1	5.4	7.0	2.5
	11-30-88	Columbia	141	4.7	14.0	9.4	42	8.3	5.0	5.8	2.5
KE Be 52	06-14-89	Columbia	172	5.0	14.5	8.7	55	11	6.7	4.4	3.3
	04-05-89	Columbia	164	5.1	14.5	8.6	54	11	6.3	4.8	3.3
	06-05-90	Columbia	--	5.0	14.0	9.4	57	11	7.2	4.5	3.0
	11-30-88	Columbia	161	5.0	13.0	6.8	50	11	5.4	5.3	4.0
	11-05-90	Columbia	188	4.9	14.5	8.8	60	11	7.9	4.7	3.0
	03-04-91	Columbia	197	5.0	13.5	10.0	62	11	8.3	4.6	2.7
	05-28-91	Columbia	196	5.2	15.0	10.5	67	12	9.0	4.5	3.0
KE Be 53	06-05-90	Columbia	--	5.5	13.5	8.6	24	4.2	3.3	4.0	1.5
KE Be 59	06-05-90	Aquia	--	--	--	--	120	23	14	8.8	2.2
	06-04-90	Aquia	276	6.0	13.5	8.0	120	23	14	8.8	2.2
	11-19-90	Aquia	276	5.9	15.0	7.6	110	20	14	7.5	2.7
KE Be 60	06-07-90	Aquia	96	5.0	16.0	10.0	31	7.3	3.1	3.4	2.2
	09-20-89	Aquia	93	5.5	17.0	7.7	26	6.4	2.4	3.8	2.3
KE Be 61	07-06-89	Aquia	128	5.1	14.0	9.5	33	8.8	2.6	5.8	2.9
	06-05-90	Aquia	--	5.1	14.0	10.8	30	8.1	2.4	5.0	2.4
	11-05-90	Aquia	102	4.9	14.0	10.6	27	7.2	2.2	4.9	2.4
	03-04-91	Aquia	106	5.1	13.0	11.4	28	7.4	2.3	5.1	2.4
	06-05-91	Aquia	117	5.0	14.5	10.6	32	8.5	2.7	5.4	2.6
KE Be 62	06-06-90	Aquia	--	5.7	14.0	8.4	100	19	13	3.9	2.6
	11-06-90	Aquia	252	5.6	14.0	8.8	95	18	12	4.1	2.6
	03-04-91	Aquia	246	5.6	12.5	9.0	92	17	12	3.7	2.4
	05-28-91	Aquia	250	5.8	10.0	10.1	100	19	13	3.3	2.3
KE Be 63	09-07-89	Aquia	66	5.4	14.5	7.8	15	4.1	1.2	4.4	2.0

Alkalinity, total (mg/L as $CaCO_3$)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Bromide, dissolved (mg/L as Br)	Iodide, dissolved (mg/L as I)	Silica, dissolved (mg/L as SiO_2)	Solids, sum of constituents, dissolved (mg/L)	Radon 222, total (pCi/L)	Site number
54	5.9	1,000	0.10	--	--	9.6	1,670	--	KE Ac 20
4	5.6	2.6	0.10	--	--	6.9	23	--	KE Ad 5
8	0.30	12	<0.05	--	--	14	85	--	KE Ad 10
17	6.2	28	<0.05	--	--	14	142	--	KE Ad 20
19	13	34	0.30	0.05	0.004	15	137	--	
3	2.2	3.5	<0.10	0.02	0.003	12	37	--	KE Ad 43
79	9.2	5.6	0.50	--	--	16	118	--	KE Ae 18
64	30	39	--	--	--	--	--	--	KE Af 17
141	3.4	14	--	--	--	--	--	--	KE Af 20
154	33	9.6	0.50	0.02	0.005	26	242	330	KE Af 56
179	3.2	7.3	0.20	0.01	--	53	127	500[1]	KE Ag 20
119	4.6	2.2	0.30	0.02	0.002	17	146	740	KE Ag 54
14	21	39	<0.10	0.10	0.003	20	131	370	KE Bb 12
7	23	41	0.10	0.13	0.003	23	127	280	KE Bb 38
28	0.80	2.6	--	--	--	--	--	--	KE Bc 29
101	0.80	41	0.40	0.14	0.018	37	213	--	KE Bc 70
98	13	2.6	0.20	0.06	--	33	150	600	KE Bc 172
10	19	6.8	<0.10	0.08	0.001	30	79	1,100[2]	KE Bc 174
4	0.50	4.5	<0.10	0.03	<0.001	13	47	--	KE Bc 185
60	8.1	2.4	0.30	0.01	0.001	18	100	340	KE Bc 186
1	16	5.7	0.10	0.05	--	19	54	450	KE Bd 39
68	11	25	0.10	--	--	18	172	<80	KE Bd 42
118	10	1.9	0.30	0.03	0.001	23	145	570	KE Bd 136
42	2.1	4.3	<0.10	--	--	22	81	--	KE Bd 147
156	5.3	2.0	<0.05	--	--	19	187	--	KE Be 5
140	8.8	2.4	0.10	--	--	11	168	--	KE Be 43
2	<0.20	10	<0.10	--	--	13	--	260	KE Be 46
9	35	77	0.10	--	--	13	204	250	KE Be 47
17	22	26	<0.10	--	--	10	110	--	
18	24	22	<0.10	--	--	9.9	112	--	
24	26	17	<0.10	--	--	9.8	180	--	
10	25	19	0.40	0.03	--	10	162	--	KE Be 49
12	35	21	0.10	0.02	--	11	174	340	
5	43	36	<0.10	--	--	12	144	--	
2	<0.20	54	<0.10	--	--	18	--	--	KE Be 50
3	<1.0	51	0.10	0.02	--	17	--	530	
5	<1.0	46	0.40	0.04	--	16	--	480	
4	<1.0	44	<0.10	0.04	--	17	--	--	
3	1.1	52	<0.10	0.03	--	17	262	--	
3	<1.0	16	<0.10	0.03	--	12	--	350	KE Be 51
4	<1.0	12	0.10	0.02	--	12	--	580	
2	<0.20	11	<0.10	--	--	13	--	--	
3	<1.0	14	0.10	0.02	--	13	--	710	KE Be 52
3	<1.0	14	0.10	--	--	13	--	800	
5	<1.0	18	<0.10	0.03	--	12	--	950	
2	<0.20	14	<0.10	--	--	13	--	910	
3	<1.0	18	<0.10	0.03	--	12	--	810	
3	<1.0	17	<0.10	0.03	--	12	--	--	
3	<0.10	17	<0.10	0.03	--	13	--	--	
10	4.3	7.4	<0.10	0.05	--	8.8	53	420	KE Be 53
22	18	32	0.40	0.02	--	10	121	--	KE Be 59
22	18	32	0.40	0.02	--	10	175	490	
26	20	26	<0.10	0.02	--	11	175	--	
12	<1.0	8.2	<0.10	0.04	--	10	--	260	KE Be 60
11	<1.0	6.4	<0.10	0.02	--	11	--	320	
3	<1.0	9.9	<0.10	0.02	--	11	--	190	KE Be 61
3	<1.0	11	<0.10	0.03	--	11	--	250	
2	<1.0	9.6	<0.10	0.02	--	11	--	220	
3	<1.0	8.3	<0.10	0.02	--	11	--	--	
3	<0.10	7.6	<0.10	0.02	--	11	--	--	
10	20	11	<0.10	0.02	--	7.5	150	580	KE Be 62
8	21	13	<0.10	0.03	--	7.9	150	540	
8	22	14	<0.10	0.03	--	7.8	146	--	
6	25	14	<0.10	0.02	--	7.9	159	--	
9	<1.0	4.4	<0.10	<0.01	--	12	--	<80	KE Be 63

Table 7. — Chemical analyses of major constituents and radon in ground water from selected wells and springs in Kent County — Continued

Site number	Date	Aquifer	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (deg C)	Oxygen, dissolved (mg/L)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)
KE Be 63	06-06-90	Aquia	--	5.3	14.0	10.5	17	4.4	1.4	4.5	1.8
	11-06-90	Aquia	77	5.3	13.5	9.5	17	4.3	1.5	4.5	1.8
KE Be 64	06-06-90	Aquia	--	5.3	15.0	9.0	57	9.1	8.3	5.2	2.6
	09-07-89	Aquia	146	5.5	18.5	5.8	49	8.9	6.5	4.7	3.3
	11-06-90	Aquia	180	5.0	15.5	8.4	61	9.9	8.8	4.7	3.3
	05-28-91	Aquia	180	5.3	13.5	9.9	61	10	8.8	4.4	3.0
KE Be 65	06-13-89	Aquia	133	5.7	13.5	5.6	51	12	5.0	3.2	1.8
KE Be 113	05-26-92	Monmouth	399	7.1	15.0	0.2	200	75	2.9	5.9	3.5
KE Be 151	05-18-93	Monmouth	240	7.6	14.0	0.1	--	0.05	<0.01	58	1.2
KE Be 158	12-05-91	Aquia	224	5.3	12.5	9.8	76	12	11	3.1	8.8
KE Be 159	03-05-91	Aquia	219	7.1	14.0	1.6	110	42	0.74	2.9	1.8
	06-04-91	Aquia	225	6.9	14.0	2.5	110	42	0.69	2.8	1.9
	11-07-90	Aquia	197	7.1	13.0	3.6	91	34	1.5	2.6	1.7
KE Be 160	11-19-90	Aquia	56	5.5	12.0	9.9	13	3.4	1.0	3.9	1.7
	03-05-91	Aquia	57	5.3	14.0	10.0	13	3.4	1.0	4.1	1.8
	05-28-91	Aquia	57	5.5	14.5	7.6	12	3.1	0.96	3.7	1.8
KE Be 161	11-07-90	Aquia	138	5.0	15.0	9.4	37	9.3	3.4	4.9	3.2
	03-05-91	Aquia	136	5.0	14.5	9.4	42	11	3.6	5.4	3.5
	06-04-91	Aquia	148	4.9	13.5	9.0	42	11	3.4	5.7	3.3
KE Be 162	11-06-90	Aquia	53	5.6	13.0	9.5	13	3.7	0.92	3.7	1.4
	03-04-91	Aquia	53	5.3	13.5	10.4	13	3.6	0.89	3.4	1.5
	06-05-91	Aquia	58	5.4	14.0	9.6	13	3.7	1.0	3.4	1.6
KE Be 163	11-06-90	Aquia	164	5.3	13.0	9.7	45	9.1	5.4	6.6	3.7
	03-04-91	Aquia	161	5.0	14.0	10.8	45	7.4	6.3	7.5	4.0
	06-05-91	Aquia	171	4.8	14.0	10.1	48	8.2	6.5	7.1	4.2
KE Be 164	11-19-90	Aquia	146	5.5	13.5	9.2	46	12	3.8	4.6	2.8
KE Be 165	11-07-90	Aquia	231	5.0	13.0	10.7	66	19	4.5	9.6	2.9
KE Be 166	11-07-90	Aquia	229	5.0	14.0	10.4	77	14	10	4.0	3.7
KE Be 167	11-07-90	Aquia	188	5.1	16.0	10.1	57	6.4	10	5.6	2.5
KE Be 169	03-05-91	Columbia	71	5.2	12.5	8.7	110	17	16	4.1	2.0
	05-29-91	Columbia	69	4.9	15.5	10.0	85	14	12	4.5	2.5
KE Be 170	03-05-91	Columbia	260	6.1	12.0	3.2	16	3.9	1.6	4.4	1.9
	05-29-91	Columbia	205	6.0	16.0	7.6	15	3.7	1.4	4.5	2.0
KE Be 171	12-20-91	Potomac	222	7.5	15.5	0.1	40	11	3.0	31	7.2
KE Be 172	10-10-91	Aquia	217	7.3	17.0	--	100	36	2.4	3.3	2.9
KE Be 174	10-15-91	Columbia	77	5.2	16.0	9.5	16	4.1	1.5	4.8	2.1
KE Bf 1	01-10-55	Aquia	265	7.5	14.5	--	130	41	7.0	2.9	1.3
KE Bf 9	09-28-54	Aquia	283	7.6	15.5	--	140	55	1.2	3.0	2.4
	05-20-92	Aquia	258	6.9	--	0.3	150	55	2.0	2.4	2.1
KE Bf 58	05-27-92	Aquia	274	7.1	14.0	0.4	140	56	1.1	2.7	2.3
KE Bf 91	07-28-93	Aquia	239	7.4	15.0	1.8	120	46	1.3	2.8	2.2
KE Bf 138	05-20-92	Aquia	285	6.9	--	4.3	140	50	2.7	3.1	2.9
KE Bf 183	05-20-92	Aquia	270	6.6	--	1.8	140	54	1.5	2.6	1.3
KE Bg 15	01-10-55	Columbia	504	7.8	--	--	150	38	14	25	20
KE Bg 33	10-25-78	Potomac	435	8.1	20.5	--	16	4.7	1.0	90	4.1
KE Bg 34	10-26-78	Aquia	295	7.1	14.0	--	140	52	1.9	3.0	1.9
KE Bg 36	07-05-89	Columbia	295	4.8	17.0	7.1	110	18	15	6.1	2.9
KE Bg 91	07-28-93	Aquia	364	7.5	16.0	0.1	130	42	6.7	4.2	3.3
KE Cb 36	04-20-78	Potomac	280	--	14.0	--	--	6.0	--	50	2.9
	04-25-78	Potomac	2850	6.8	14.0	--	--	120	--	310	17
KE Cb 36	04-26-78	Potomac	170	6.9	14.0	--	--	8.0	--	14	4.5
KE Cb 41	07-29-93	Aquia	70	5.9	17.0	0.8	1	0.19	0.01	13	0.50
KE Cb 58	07-20-93	Aquia	137	6.0	15.5	<0.1	28	5.4	3.6	3.7	3.4
KE Cb 64	04-14-92	Columbia	293	5.8	13.5	0.3	42	9.9	4.2	38	1.5
KE Cb 71	07-08-92	Columbia	395	6.7	17.5	0.8	1	0.30	0.10	94	0.10
KE Cb 79	07-08-92	Columbia	124	5.1	15.0	4.7	29	6.3	3.1	9.7	1.4
KE Cb 88	07-08-92	Magothy	71	5.3	14.5	3.2	14	3.9	1.1	6.3	1.1
KE Cb 97	05-06-92	Magothy	223	6.5	15.0	<0.1	53	15	3.8	17	4.2
KE Cb 98	12-05-91	Monmouth	134	6.0	14.0	<0.1	37	12	1.8	2.3	3.3
KE Cb 99	05-06-92	Aquia	124	6.2	14.0	<0.1	22	6.4	1.5	2.3	6.0
KE Cb 100	12-11-91	Aquia	36	5.4	18.5	8.2	8	2.0	0.62	2.9	1.4
KE Cb 101	05-05-92	Columbia	196	6.0	14.0	<0.1	34	8.5	3.1	25	2.5
KE Cb 103	12-09-91	Potomac	133	6.6	16.5	<0.1	42	9.9	4.2	3.1	4.2
KE Cc 5	05-06-81	Columbia	445	4.1	12.5	--	130	21	19	10	25
KE Cc 45	07-21-93	Aquia	155	6.2	14.5	<0.1	35	11	1.9	3.7	3.3

Alkalinity, total (mg/L as $CaCO_3$)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Bromide, dissolved (mg/L as Br)	Iodide, dissolved (mg/L as I)	Silica, dissolved (mg/L as SiO_2)	Solids, sum of constituents, dissolved (mg/L)	Radon 222, total (pCi/L)	Site number
4	<1.0	5.7	<0.10	<0.01	--	11	--	280	KE Be 63
5	1.4	4.8	<0.10	0.02	--	11	55	220	
4	3.1	17	<0.10	0.02	--	11	112	370	KE Be 64
6	2.0	16	<0.10	<0.01	--	11	105	<80	
3	2.9	16	<0.10	0.03	--	12	118	370	
2	5.5	16	<0.10	0.02	--	11	118	--	
23	17	5.7	0.10	<0.01	--	4.9	69	210	KE Be 65
172	6.2	38	0.20	0.04	0.001	19	259	830	KE Be 113
117	11	1.7	0.20	0.02	0.005	13	--	790	KE Be 151
5	5.8	17	0.10	--	--	7.8	132	--	KE Be 158
96	8.4	2.6	0.10	0.01	--	17	137	--	KE Be 159
91	7.7	1.0	<0.10	0.01	--	18	132	--	
83	6.0	1.7	<0.10	0.01	--	16	119	330	
5	<1.0	3.4	<0.10	0.02	--	12	--	--	KE Be 160
4	<1.0	3.3	<0.10	0.02	--	12	--	--	
3	0.40	3.5	<0.10	0.02	--	12	45	--	
2	2.6	11	<0.10	0.03	--	11	90	140	KE Be 161
5	7.0	11	0.20	0.02	--	10	98	--	
5	0.20	12	<0.10	0.02	--	10	92	--	
5	<1.0	3.4	<0.10	0.02	--	14	--	390	KE Be 162
5	<1.0	3.5	<0.10	0.02	--	13	--	--	
5	0.20	3.7	<0.10	0.01	--	13	45	--	
5	<1.0	9.5	<0.10	0.03	--	9.5	--	250	KE Be 163
3	<1.0	9.4	<0.10	0.03	--	9.9	--	--	
2	0.20	8.9	<0.10	0.03	--	10	113	--	
4	<1.0	12	<0.10	0.03	--	12	--	--	KE Be 164
3	2.9	18	<0.10	0.05	--	12	151	280	KE Be 165
2	1.2	28	<0.10	0.03	--	12	137	420	KE Be 166
4	31	17	<0.10	0.01	--	15	107	350	KE Be 167
3	<23	12	<0.10	0.02	--	11	--	--	KE Be 169
3	15	13	<0.10	0.01	--	12	128	--	
34	0.60	4.7	<0.10	0.02	--	10	70	--	KE Be 170
26	0.50	4.9	<0.10	0.02	--	11	65	--	
100	11	5.8	0.20	--	--	8.1	138	--	KE Be 171
89	4.9	8.2	0.30	--	--	21	134	--	KE Be 172
3	0.50	5.6	<0.10	--	--	11	52	--	KE Be 174
134	3.5	0.80	0.10	--	--	18	155	--	KE Bf 1
139	13	1.8	0.10	--	--	18	178	--	KE Bf 9
139	6.2	2.5	<0.10	0.03	0.007	23	178	240	
--	18	2.7	0.20	0.02	0.004	20	186	350	KE Bf 58
121	13	2.2	0.20	0.02	0.003	20	157	460	KE Bf 91
138	4.4	3.2	<0.10	0.04	0.005	18	168	210	KE Bf 138
135	5.7	2.8	0.10	0.02	<0.001	16	165	230	KE Bf 183
134	43	18	0.10	--	--	8.2	291	--	KE Bg 15
150	8.6	47	0.60	--	--	9.1	254	--	KE Bg 33
140	4.3	2.4	0.10	--	--	23	173	--	KE Bg 34
3	11	24	<0.10	0.04	--	13	182	110	KE Bg 36
142	4.6	1.9	0.20	0.02	0.001	30-	178	270	KE Bg 91
68	19	32	0.20	--	--	7.2	--	--	KE Cb 36
4	27	950	0.10	--	--	8.2	--	--	
41	21	6.4	0.20	--	--	7.5	--	--	
11	15	5.0	<0.10	0.030	0.001	36	77	1,400[2]	KE Cb 41
54	10	3.7	0.06	0.04	0.005	29	104	28[3]	KE Cb 58
17	30	56	<0.10	0.18	0.006	21	171	--	KE Cb 64
163	15	34	<0.10	0.10	0.008	16	261	430	KE Cb 71
9	22	11	<0.10	0.05	0.002	20	88	600	KE Cb 79
9	2.4	8.6	<0.10	0.03	<0.001	19	56	340	KE Cb 88
96	8.7	6.9	0.30	0.02	0.019	9.8	136	190	KE Cb 97
48	10	2.7	0.30	--	--	29	102	--	KE Cb 98
34	20	2.5	0.60	0.02	0.003	36	113	150	KE Cb 99
7	0.50	3.8	0.20	--	--	11	31	--	KE Cb 100
43	32	19	<0.10	0.06	0.012	17	143	480	KE Cb 101
51	15	1.1	0.20	--	--	6.8	89	--	KE Cb 103
--	11	27	0.20	--	--	12	126	--	KE Cc 5
33	36	4.9	0.10	0.60	0.001	22	102	600	KE Cc 45

Table 7. — Chemical analyses of major constituents and radon in ground water from selected wells and springs in Kent County — Continued

Site number	Date	Aquifer	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (deg C)	Oxygen, dissolved (mg/L)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)
KE Cc 61	07-16-92	Aquia	248	7.1	17.5	<0.1	120	37	5.9	5.2	2.4
KE Cd 2	07-15-92	Aquia	124	5.6	15.5	7.6	39	12	2.2	6.6	2.2
	06-29-93	Aquia	--	--	--	--	--	--	--	--	--
KE Cd 15	12-21-54	Aquia	197	7.8	14.5	--	89	34	1.0	2.6	2.6
KE Cd 33	06-29-93	Aquia	895	5.6	16.5	2.7	150	44	10	110	3.7
KE Cd 50	03-25-68	Magothy	160	7.3	--	--	67	18	5.3	3.6	6.4
KE Cd 86	05-04-93	Monmouth	267	6.1	14.5	<0.1	150	52	4.4	2.4	4.4
KE Cd 99	06-29-93	Aquia	130	5.4	16.0	6.9	41	12	2.7	7.4	2.8
KE Cd 100	06-29-93	Aquia	235	5.4	15.5	6.4	58	16	4.3	17	2.7
KE Cd 101	06-29-93	Aquia	262	5.4	15.0	7.4	76	21	5.7	17	3.2
KE Cd 104	07-15-92	Potomac	153	6.3	18.0	<0.1	44	12	3.5	9.2	5.5
	06-29-93	Potomac	--	--	--	--	--	--	--	--	--
KE Cd 137	06-30-93	Potomac	202	6.5	15.5	<0.1	80	23	5.4	2.3	5.4
KE Da 11	07-08-92	Magothy	167	6.3	15.5	<0.1	33	7.2	3.7	8.7	2.7
KE Da 15	07-07-93	Monmouth	271	6.6	16.0	<0.1	1	0.25	0.03	67	0.40
KE Db 4	09-25-64	Aquia	717	7.7	--	--	370	--	--	--	--
KE Db 37	09-25-64	Aquia	3,670	7.4	--	--	650	--	--	--	--
KE Db 40	12-04-78	Potomac	163	5.6	19.0	--	24	4.8	2.8	16	5.0
	12-05-78	Potomac	153	6.1	18.0	--	24	5.0	2.9	15	4.9
KE Db 79	07-16-92	Aquia	144	6.0	16.0	<0.1	37	10	3.0	3.8	5.1
KE Db 94	07-21-93	Aquia	144	5.6	16.0	<0.1	20	6.4	0.95	4.8	1.6
KE Db 96	07-07-92	Columbia	168	4.6	16.0	3.0	27	8.2	1.7	16	3.6
KE Db 120	04-14-92	Aquia	1,880	7.0	14.5	<0.1	550	180	25	160	5.6
KE Dc 55	07-07-92	Aquia	357	7.1	15.0	0.2	180	68	3.3	11	2.5
KE Dc 73	05-21-92	Columbia	294	6.2	16.0	<0.1	38	7.9	4.4	17	1.6
KE Dc 77	05-21-92	Aquia	351	5.2	13.0	1.5	100	23	11	20	4.6
KE Dc 89	12-18-91	Columbia	7,150	6.5	16.5	<0.1	1,100	140	180	1,200	20
KE Dc 91	12-16-91	Aquia	1,220	6.3	14.5	<0.1	3,400	1,000	230	1,700	23
KE Dc 92	05-13-93	Aquia	2	6.8	16.5	<0.1	210	79	3.8	9.1	3.6
KE Dd 5	07-07-92	Aquia	282	7.0	16.0	0.5	150	58	1.7	1.8	1.3
KE Eb 10	07-29-93	Aquia	141	6.4	20.5	<0.1	33	9.3	2.4	4.6	2.9
KE Eb 12	07-01-92	Aquia	2,780	6.7	17.5	<0.1	1,200	410	41	320	9.0
KE Eb 13	07-21-93	Aquia	377	7.2	16.5	<0.1	170	66	2.2	5.9	1.9

Alkalinity, total (mg/L as $CaCO_3$)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Bromide, dissolved (mg/L as Br)	Iodide, dissolved (mg/L as I)	Silica, dissolved (mg/L as SiO_2)	Solids, sum of constituents, dissolved (mg/L)	Radon 222, total (pCi/L)	Site number
137	0.40	1.7	0.20	0.03	0.005	17	155	--	KE Cc 61
10	2.5	12	<0.10	0.04	0.002	13	75	--	KE Cd 2
--	--	2.7	--	--	--	--	--	--	
84	7.5	2.8	<0.05	--	--	28	129	--	KE Cd 15
39	27	230	0.10	0.63	0.007	14	487	370	KE Cd 33
67	12	1.0	0.30	--	--	6.1	93	--	KE Cd 50
122	12	6.6	0.10	0.03	--	24	179	590	KE Cd 86
17	1.8	16	<0.10	--	--	12	86	380	KE Cd 99
22	4.1	42	<0.10	--	0.003	12	135	390	KE Cd 100
16	2.5	59	<0.10	--	0.002	12	150	450	KE Cd 101
64	12	2.3	0.20	0.03	0.003	7.5	96	--	KE Cd 104
--	--	15	--	--	--	--	--	--	
94	12	1.7	0.20	0.03	0.003	7.4	113	96	KE Cd 137
81	0.80	6.6	<0.10	0.13	0.008	15	113	<80	KE Da 11
127	<0.10	15	0.20	0.05	0.007	37	--	240	KE Da 15
349	--	11	--	--	--	--	--	--	KE Db 4
174	--	1,000	--	--	--	--	--	--	KE Db 37
35	14	11	0.20	--	--	10	93	--	KE Db 40
37	12	10	0.20	--	--	9.8	89	--	
54	9.3	6.0	0.40	0.22	0.002	30	118	--	KE Db 79
56	1.4	8.3	0.50	0.05	0.003	36	95	110	KE Db 94
1	27	27	<0.10	0.12	0.008	54	143	270	KE Db 96
167	43	480	0.30	1.9	0.022	28	1,030	--	KE Db 120
175	12	14	0.30	0.06	0.004	28	245	230	KE Dc 55
92	2.3	37	0.10	0.08	0.015	45	212	--	KE Dc 73
8	35	53	<0.10	0.09	0.006	18	218	--	KE Dc 77
161	300	2,400	1.4	--	--	19	4,380	--	KE Dc 89
188	730	4,300	1.7	--	--	26	8,150	--	KE Dc 91
275	25	9.4	0.20	0.06	0.011	37	259	190	KE Dc 92
136	11	4.9	<0.10	0.02	0.002	14	177	270	KE Dd 5
78	3.5	15	0.30	4.8	--	55	141	220[2]	KE Eb 10
152	140	1,200	0.30	3.9	0.017	24	2,250	130	KE Eb 12
200	1.0	9.3	0.10	0.05	0.009	36	242	190	KE Eb 13

[1]Radon sample collected 7-28-93
[2]Radon sample collected 8-04-93
[3]Radon sample collected 7-21-93

Table 8. — Chemical analyses of nutrients and organic carbon in ground water from selected wells in Kent County

[mg/L = milligrams per liter; - - = data not collected; < = less than; * = spring]

Well number	Date	Nitrogen, nitrate total (mg/L as N)	Nitrogen, nitrate dissolved (mg/L as N)	Nitrogen, nitrite total (mg/L as N)	Nitrogen, nitrite dissolved (mg/L as N)	Nitrogen, nitrite plus nitrate total (mg/L as N)	Nitrogen, nitrite plus nitrate dissolved (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Nitrogen, ammonia dissolved (mg/L as N)	Nitrogen, ammonia plus organic total (mg/L as N)	Nitrogen, ammonia plus organic dissolved (mg/L as N)
KE Ac 20	12-02-77	--	--	--	--	<0.10	--	--	--	--	--
KE Ad 5	09-28-54	--	0.11	--	--	--	--	--	--	--	--
KE Ad 10	12-21-54	--	7.50	--	--	--	--	--	--	--	--
KE Ad 20*	12-21-54	--	9.90	--	--	--	--	--	--	--	--
	05-26-92	5.50	--	--	<0.01	--	5.50	--	0.02	--	--
KE Ad 43	05-26-92	2.10	--	--	<0.01	--	2.10	--	0.02	--	--
KE Ae 18	09-28-54	--	0.11	--	--	--	--	--	--	--	--
KE Af 17	09-28-54	--	0.66	--	--	--	--	--	--	--	--
KE Af 20	09-28-54	--	0.11	--	--	--	--	--	--	--	--
KE Af 56	05-27-92	--	--	--	<0.01	--	<0.05	--	0.08	--	--
KE Ag 20	07-28-93	0.210	--	--	<0.01	--	0.21	--	0.03	--	--
KE Ag 54	05-18-93	--	--	--	<0.01	--	<0.05	--	0.11	--	--
KE Bb 12	04-16-92	5.10	--	<0.01	--	5.10	--	0.03	--	--	--
KE Bb 38	04-16-92	1.40	--	<0.01	--	1.40	--	0.02	--	--	--
KE Bc 29	09-29-54	--	0.02	--	--	--	--	--	--	--	--
KE Bc 70	07-15-92	--	--	--	<0.01	--	<0.05	--	0.13	--	--
KE Bc 172	07-07-93	--	--	--	<0.01	--	<0.05	--	0.04	--	--
KE Bc 174	07-29-93	--	--	--	<0.01	--	<0.05	--	0.04	--	--
KE Bc 185	05-05-92	4.00	--	--	<0.01	--	4.00	--	<0.01	--	--
KE Bc 186	05-05-92	--	--	--	<0.01	--	<0.05	--	0.04	--	--
KE Bd 39	06-13-89	--	--	--	<0.01	--	<0.10	--	0.01	--	<0.20
KE Bd 42	09-07-88	4.79	4.79	--	0.01	--	4.80	--	0.13	--	1.1
KE Bd 136	05-13-93	--	--	--	<0.01	--	<0.05	--	0.05	--	--
KE Bd 147	12-06-91	--	--	--	<0.01	--	<0.05	--	0.47	--	0.50
KE Be 5	12-21-54	--	0.02	--	--	--	--	--	--	--	--
KE Be 43	12-07-78	--	--	--	--	<0.10	--	--	--	--	--
KE Be 46	07-18-88	8.40	--	--	<0.01	--	8.40	--	<0.01	--	1.4
KE Be 47	07-13-88	3.70	--	--	<0.01	--	3.70	--	<0.01	--	<0.20
	08-19-91	14.0	--	0.01	--	14.0	--	0.02	--	--	--
	06-09-92	16.0	--	<0.01	--	16.0	--	0.03	--	--	--
	06-28-93	15.0	--	--	<0.01	--	15.0	--	0.02	--	--
KE Be 49	06-04-90	14.0	--	--	<0.01	--	14.0	--	0.07	--	0.40
	09-20-89	12.0	--	--	<0.01	--	12.0	--	0.14	--	0.50
	11-30-88	--	--	--	<0.01	--	<0.10	--	0.04	--	0.70
	12-05-91	15.0	--	--	<0.01	--	15.0	--	0.08	--	<0.20
KE Be 50	11-28-88	41.0	--	--	<0.01	--	41.0	--	0.06	--	1.0
	03-02-92	29.0	--	--	<0.01	--	29.0	--	0.02	--	0.30
	09-20-89	36.0	--	--	<0.01	--	36.0	--	<0.01	--	<0.20
	06-05-90	36.0	--	--	<0.01	--	36.0	--	<0.01	--	0.50
	11-19-90	34.0	--	--	<0.01	--	34.0	--	0.05	--	0.70
	05-28-91	30.0	--	--	<0.01	--	30.0	--	0.01	--	0.60
	06-25-91	29.0	29.0	--	0.02	--	29.0	--	0.06	--	0.60
	07-22-91	29.0	--	--	<0.01	--	29.0	--	0.02	--	0.60
	08-20-91	29.0	--	--	<0.01	--	29.0	--	<0.01	--	0.50
	09-16-91	30.8	30.8	--	0.03	--	30.8	--	0.02	--	0.30
	10-15-91	31.0	--	--	<0.01	--	31.0	--	<0.01	--	0.10
	11-14-91	29.0	--	--	<0.01	--	29.0	--	0.01	--	0.20
	02-03-92	29.0	--	--	<0.01	--	29.0	--	<0.01	--	<0.20
	03-31-92	28.0	--	--	<0.01	--	28.0	--	<0.01	--	<0.20
	04-23-91	28.0	--	--	<0.01	--	28.0	--	0.02	--	0.60
	01-06-92	30.0	--	--	<0.01	--	30.0	--	<0.01	--	<0.20
	12-09-91	31.0	--	--	<0.01	--	31.0	--	<0.01	--	<0.20
KE Be 51	06-04-90	13.0	--	--	<0.01	--	13.0	--	<0.01	--	0.30
	09-19-89	10.0	--	--	<0.01	--	10.0	--	0.02	--	0.30
	11-30-88	11.0	--	--	<0.01	--	11.0	--	<0.01	--	0.70
KE Be 52	03-02-92	17.0	--	--	<0.01	--	17.0	--	<0.01	--	<0.20
	06-14-89	12.0	--	--	<0.01	--	12.0	--	0.02	--	0.20
	04-05-89	12.0	--	--	<0.01	--	12.0	--	0.09	--	0.30
	06-05-90	13.0	--	--	<0.01	--	13.0	--	<0.01	--	1.0
	11-30-88	11.0	11.0	--	0.01	--	11.0	--	0.39	--	1.3
	11-05-90	14.0	--	--	<0.01	--	14.0	--	<0.01	--	0.70
	03-04-91	13.0	--	--	<0.01	--	13.0	--	<0.01	--	0.60
	04-23-91	14.0	--	--	<0.01	--	14.0	--	0.02	--	0.50
	05-28-91	15.0	--	--	<0.01	--	15.0	--	0.02	--	0.50
	06-25-91	15.0	15.0	--	0.01	--	15.0	--	0.04	--	0.70

Phosphorus, total (mg/L as P)	Phosphorus, dissolved (mg/L as P)	Phosphorus ortho, total (mg/L as P)	Phosphorus ortho, dissolved (mg/L as P)	Carbon, organic total (mg/L as C)	Carbon, organic dissolved (mg/L as C)	Well number
0.06	--	--	--	--	--	KE Ac 20
--	--	--	--	--	--	KE Ad 5
--	--	--	--	--	--	KE Ad 10
--	--	--	--	--	--	KE Ad 20
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	KE Ad 43
--	--	--	--	--	--	KE Ae 18
--	--	--	--	--	--	KE Af 17
--	--	--	--	--	--	KE Af 20
--	--	--	0.04	--	--	KE Af 56
--	--	--	<0.01	--	0.5	KE Ag 20
--	--	--	<0.01	--	--	KE Ag 54
<0.01	--	<0.01	--	--	--	KE Bb 12
<0.01	--	<0.01	--	--	--	KE Bb 38
--	--	--	--	--	--	KE Bc 29
--	--	--	0.17	--	--	KE Bc 70
--	--	--	0.01	--	0.5	KE Bc 172
--	--	--	0.01	--	0.2	KE Bc 174
--	--	--	<0.01	--	--	KE Bc 185
--	--	--	0.10	--	--	KE Bc 186
--	--	--	<0.01	--	0.3	KE Bd 39
--	--	--	0.04	--	1.0	KE Bd 42
--	--	--	0.06	--	0.4	KE Bd 136
--	--	--	0.15	--	2.5	KE Bd 147
--	--	--	--	--	--	KE Be 5
0.08	--	--	--	--	--	KE Be 43
--	--	--	<0.01	--	0.8	KE Be 46
--	--	--	<0.01	--	1.1	KE Be 47
<0.02	--	<0.01	--	0.4	--	
0.03	--	0.01	--	0.7	--	
0.01	0.02	--	0.01	0.9	--	
--	--	--	<0.01	--	2.2	KE Be 49
--	--	--	0.02	--	0.9	
--	--	--	0.01	--	0.9	
--	--	--	0.01	--	0.7	
--	--	--	<0.01	--	0.7	KE Be 50
--	--	--	0.01	--	--	
--	--	--	<0.01	--	0.9	
--	--	--	0.02	--	0.7	
--	--	--	<0.01	--	1.6	
--	--	--	<0.01	--	0.6	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	0.01	--	--	
--	--	--	<0.01	--	--	KE Be 51
--	--	--	0.02	--	0.8	
--	--	--	<0.01	--	0.9	
--	--	--	<0.01	--	--	KE Be 52
--	--	--	<0.01	--	0.4	
--	--	--	0.01	--	0.8	
--	--	--	0.02	--	0.6	
--	--	--	0.01	--	0.6	
--	--	--	<0.01	--	0.8	
--	--	--	<0.01	--	0.8	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	0.6	
--	--	--	<0.01	--	--	

Table 8. — Chemical analyses of nutrients and organic carbon in ground water from selected wells in Kent County — Continued

Well number	Date	Nitrogen, nitrate total (mg/L as N)	Nitrogen, nitrate dissolved (mg/L as N)	Nitrogen, nitrite total (mg/L as N)	Nitrogen, nitrite dissolved (mg/L as N)	Nitrogen, nitrite plus nitrate total (mg/L as N)	Nitrogen, nitrite plus nitrate dissolved (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Nitrogen, ammonia dissolved (mg/L as N)	Nitrogen, ammonia plus organic total (mg/L as N)	Nitrogen, ammonia plus organic dissolved (mg/L as N)
KE Be 52	07-22-91	15.0	--	--	<0.01	--	15.0	--	0.02	--	0.40
	08-20-91	15.0	--	--	<0.01	--	15.0	--	<0.01	--	0.50
	09-16-91	16.2	16.2	--	0.03	--	16.2	--	0.02	--	0.30
	10-15-91	16.0	--	--	<0.01	--	16.0	--	<0.01	--	<0.0
	11-14-91	16.0	--	--	<0.01	--	16.0	--	<0.01	--	<0.20
	12-09-91	16.0	--	--	<0.01	--	16.0	--	0.02	--	<0.20
	02-03-92	16.0	--	--	<0.01	--	16.0	--	0.02	--	<0.20
	03-31-92	17.0	--	--	<0.01	--	17.0	--	<0.01	--	<0.20
	01-06-92	16.0	--	--	<0.01	--	16.0	--	<0.01	--	<0.20
KE Be 53	06-05-90	3.08	3.08	--	0.02	--	3.10	--	<0.01	--	<0.20
KE Be 59	06-04-90	12.0	--	--	<0.01	--	12.0	--	0.01	--	0.60
	11-19-90	13.0	13.0	--	0.01	--	13.0	--	0.12	--	0.60
KE Be 60	06-07-90	5.60	--	--	<0.01	--	5.60	--	<0.01	--	0.90
	09-20-89	3.80	--	--	<0.01	--	3.80	--	0.01	--	0.30
	03-06-92	14.0	--	--	<0.01	--	14.0	--	0.01	--	<0.20
KE Be 61	07-06-89	9.00	--	--	<0.01	--	9.00	--	0.02	--	0.70
	06-05-90	7.40	--	--	<0.01	--	7.40	--	<0.01	--	0.60
	11-05-90	7.60	--	--	<0.01	--	7.60	--	<0.01	--	0.60
	03-04-91	7.10	--	--	<0.01	--	7.10	--	<0.01	--	<0.20
	06-05-91	8.10	--	--	<0.01	--	8.10	--	<0.01	--	0.40
KE Be 62	03-02-92	17.0	--	--	<0.01	--	17.0	--	<0.01	--	<0.20
	06-06-90	15.0	--	--	<0.01	--	15.0	--	<0.01	--	0.80
	11-06-90	15.0	--	--	<0.01	--	15.0	--	<0.01	--	1.3
	03-04-91	14.0	--	--	<0.01	--	14.0	--	<0.01	--	0.60
	04-23-91	15.0	--	--	<0.01	--	15.0	--	<0.01	--	0.40
	05-28-91	16.0	--	--	<0.01	--	16.0	--	<0.01	--	0.50
	10-15-91	17.0	--	--	<0.01	--	17.0	--	<0.01	--	0.20
	11-14-91	18.0	--	--	<0.01	--	18.0	--	<0.01	--	<0.20
	12-09-91	17.0	--	--	<0.01	--	17.0	--	<0.01	--	<0.20
	02-03-92	16.0	--	--	<0.01	--	16.0	--	<0.01	--	0.30
	03-31-92	17.0	--	--	<0.01	--	17.0	--	0.01	--	<0.20
	09-16-91	18.0	18.0	--	0.03	--	18.0	--	0.01	--	<0.50
	01-06-92	17.0	--	--	<0.01	--	17.0	--	<0.01	--	<0.20
KE Be 63	09-07-89	4.90	--	--	<0.01	--	4.90	--	0.02	--	0.30
	06-06-90	5.00	--	--	<0.01	--	5.00	--	<0.01	--	0.50
	11-06-90	5.00	--	--	<0.01	--	5.00	--	<0.01	--	0.70
KE Be 64	06-06-90	12.0	--	--	<0.01	--	12.0	--	<0.01	--	0.50
	09-07-89	11.0	--	--	<0.01	--	11.0	--	0.04	--	0.90
	11-06-90	13.0	--	--	<0.01	--	13.0	--	<0.01	--	<0.20
	04-23-91	13.0	--	--	<0.01	--	13.0	--	<0.01	--	0.40
	05-28-91	13.0	--	--	<0.01	--	13.0	--	0.01	--	0.40
KE Be 65	06-13-89	1.30	--	--	<0.01	--	1.30	--	0.01	--	0.30
KE Be 113	05-26-92	--	--	--	<0.01	--	<0.05	--	0.04	--	--
KE Be 151	05-18-93	--	--	--	<0.01	--	<0.05	--	0.05	--	--
KE Be 158	12-05-91	14.0	--	--	<0.01	--	14.0	--	0.01	--	0.40
KE Be 159	03-05-91	0.83	--	--	<0.01	--	0.83	--	<0.01	--	<0.20
	06-04-91	0.81	--	--	<0.01	--	0.81	--	<0.01	--	<0.20
	11-07-90	1.30	--	--	<0.01	--	1.30	--	0.06	--	0.20
	09-09-92	1.30	--	--	<0.01	--	1.30	--	0.02	--	<0.20
KE Be 160	03-02-92	3.80	--	--	<0.01	--	3.80	--	<0.01	--	<0.20
	11-19-90	3.69	3.69	--	0.01	--	3.70	--	0.12	--	0.60
	03-05-91	3.80	--	--	<0.01	--	3.80	--	<0.01	--	<0.20
	04-23-91	3.70	--	--	<0.01	--	3.70	--	<0.01	--	<0.20
	05-28-91	3.90	--	--	<0.01	--	3.90	--	<0.01	--	0.40
	06-25-91	3.79	3.79	--	0.01	--	3.80	--	0.04	--	0.40
	07-22-91	3.60	--	--	<0.01	--	3.60	--	0.02	--	0.30
	08-20-91	3.40	--	--	<0.01	--	3.40	--	<0.01	--	0.30
	09-16-91	3.87	3.87	--	0.03	--	3.90	--	0.02	--	0.40
	10-15-91	3.30	--	--	<0.01	--	3.30	--	<0.01	--	<0.0
	11-13-91	3.60	--	--	<0.01	--	3.60	--	0.01	--	<0.20
	12-09-91	3.80	--	--	<0.01	--	3.80	--	0.01	--	<0.20
	02-03-92	3.90	--	--	<0.01	--	3.90	--	<0.01	--	<0.20
	03-31-92	4.00	--	--	<0.01	--	4.00	--	0.01	--	<0.20
	01-06-92	3.70	--	--	<0.01	--	3.70	--	<0.01	--	<0.20
KE Be 161	11-07-90	9.70	--	--	<0.01	--	9.70	--	0.03	--	0.60

Phosphorus, total (mg/L as P)	Phosphorus, dissolved (mg/L as P)	Phosphorus ortho, total (mg/L as P)	Phosphorus ortho, dissolved (mg/L as P)	Carbon, organic total (mg/L as C)	Carbon, organic dissolved (mg/L as C)	Well number
--	--	--	<0.01	--	--	KE Be 52
--	--	--	0.02	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	0.5	KE Be 53
--	--	--	<0.01	--	--	KE Be 59
--	--	--	<0.01	--	0.7	
--	--	--	<0.01	--	0.9	KE Be 60
--	--	--	0.01	--	0.6	
--	--	--	0.01	--	--	
--	--	--	<0.01	--	0.2	KE Be 61
--	--	--	<0.01	--	0.5	
--	--	--	0.01	--	1.2	
--	--	--	<0.01	--	0.3	
--	--	--	<0.01	--	0.3	
--	--	--	<0.01	--	--	KE Be 62
--	--	--	<0.01	--	0.7	
--	--	--	<0.01	--	4.8	
--	--	--	<0.01	--	0.7	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	0.6	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	0.5	KE Be 63
--	--	--	<0.01	--	0.6	
--	--	--	0.03	--	0.7	
--	--	--	<0.01	--	--	KE Be 64
--	--	--	<0.01	--	0.6	
--	--	--	0.02	--	0.8	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	0.5	
--	--	--	0.01	--	0.6	KE Be 65
--	--	--	<0.01	--	--	KE Be 113
--	--	--	<0.01	--	0.4	KE Be 151
--	--	--	<0.01	--	0.5	KE Be 158
--	--	--	0.01	--	0.4	KE Be 159
--	--	--	<0.01	--	0.3	
--	--	--	0.04	--	0.6	
--	--	--	0.02	--	0.4	
--	--	--	<0.01	--	--	KE Be 160
--	--	--	<0.01	--	0.3	
--	--	--	<0.01	--	0.7	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	0.4	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	--	
--	--	--	0.03	--	19	KE Be 161

Table 8. — Chemical analyses of nutrients and organic carbon in ground water from selected wells in Kent County — Continued

Well number	Date	Nitrogen, nitrate total (mg/L as N)	Nitrogen, nitrate dissolved (mg/L as N)	Nitrogen, nitrite total (mg/L as N)	Nitrogen, nitrite dissolved (mg/L as N)	Nitrogen, nitrite plus nitrate total (mg/L as N)	Nitrogen, nitrite plus nitrate dissolved (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Nitrogen, ammonia dissolved (mg/L as N)	Nitrogen, ammonia plus organic total (mg/L as N)	Nitrogen, ammonia plus organic dissolved (mg/L as N)
KE Be 161	03-05-91	9.80	--	--	<0.01	--	9.80	--	<0.01	--	0.70
	06-04-91	9.80	--	--	<0.01	--	9.80	--	<0.01	--	0.40
	10-15-91	9.50	--	--	<0.01	--	9.50	--	<0.01	--	<0.0
KE Be 162	11-06-90	3.30	--	--	<0.01	--	3.30	--	<0.01	--	0.30
	03-04-91	3.20	--	--	<0.01	--	3.20	--	<0.01	--	<0.20
	06-05-91	3.50	--	--	<0.01	--	3.50	--	<0.01	--	0.20
	09-09-92	3.50	--	--	<0.01	--	3.50	--	0.02	--	<0.20
KE Be 163	11-06-90	14.0	--	--	<0.01	--	14.0	--	<0.01	--	0.50
	03-04-91	13.0	--	--	<0.01	--	13.0	--	<0.01	--	0.60
	06-05-91	15.0	--	--	<0.01	--	15.0	--	<0.01	--	0.70
KE Be 164	11-19-90	11.0	--	--	<0.01	--	11.0	--	0.05	--	0.60
KE Be 165	11-07-90	18.0	--	--	<0.01	--	18.0	--	<0.01	--	0.30
	10-11-91	22.0	22.0	--	0.02	--	22.0	--	<0.01	--	<0.0
KE Be 166	11-07-90	14.0	--	--	<0.01	--	14.0	--	<0.01	--	0.50
KE Be 167	11-07-90	3.60	--	--	<0.01	--	3.60	--	<0.01	--	0.30
	10-11-91	2.78	2.78	--	0.02	--	2.80	--	<0.01	--	<0.0
KE Be 169	03-05-91	10.0	--	--	<0.01	--	10.0	--	<0.05	--	0.60
	05-29-91	12.0	--	--	<0.01	--	12.0	--	<0.01	--	0.30
KE Be 170	03-05-91	5.00	--	--	<0.01	--	5.00	--	<0.01	--	0.70
	05-29-91	4.80	--	--	<0.02	--	4.80	--	<0.08	--	0.60
KE Be 171	12-20-91	--	--	--	<0.01	--	<0.05	--	0.30	--	--
KE Be 172	10-10-91	--	--	--	0.02	--	<0.05	--	0.07	--	<0.0
	03-06-92	--	--	--	<0.01	--	<0.05	--	0.06	--	<0.20
KE Be 174	10-15-91	4.70	--	--	<0.01	--	4.70	--	<0.01	--	<0.0
KE Be 175	10-15-91	4.10	--	--	<0.01	--	4.10	--	<0.01	--	<0.0
KE Be 176	03-03-92	8.60	--	--	<0.01	--	8.60	--	<0.01	--	<0.20
KE Be 177	03-05-92	5.60	--	--	<0.01	--	5.60	--	<0.01	--	<0.20
KE Be 178	03-05-92	--	--	--	<0.01	--	<0.05	--	0.01	--	<0.20
	06-08-92	--	--	--	<0.01	--	<0.05	--	<0.01	--	<0.20
KE Be 179	04-03-92	5.30	--	--	<0.01	--	5.30	--	0.02	--	<0.20
KE Be 180	04-07-92	--	--	--	--	--	--	--	--	--	--
	09-10-92	1.89	1.89	--	0.01	--	1.90	--	0.15	--	<0.20
KE Be 181	06-09-92	--	--	--	<0.01	--	<0.05	--	<0.01	--	<0.20
KE Be 182	09-10-92	2.70	--	--	<0.01	--	2.70	--	0.01	--	<0.20
KE Bf 1	01-10-55	--	0.02	--	--	--	--	--	--	--	--
KE Bf 9	09-28-54	--	0.11	--	--	--	--	--	--	--	--
	05-20-92	--	--	--	<0.01	--	<0.05	--	0.05	--	--
KE Bf 58	05-27-92	--	--	--	<0.01	--	<0.05	--	0.05	--	--
KE Bf 91	07-28-93	--	--	--	<0.01	--	<0.05	--	0.04	--	--
KE Bf 138	05-20-92	--	--	--	<0.01	--	<0.05	--	0.07	--	--
KE Bf 183	05-20-92	--	--	--	<0.01	--	<0.05	--	0.02	--	--
KE Bg 15	01-10-55	--	10.0	--	--	--	--	--	--	--	--
KE Bg 33	10-25-78	--	--	--	--	<0.10	--	--	--	--	--
KE Bg 34	10-26-78	--	--	--	--	<0.10	--	--	--	--	--
KE Bg 36	07-05-89	20.0	--	--	<0.01	--	20.0	--	0.05	--	0.70
KE Bg 91	07-28-93	--	--	--	<0.01	--	<0.05	--	0.18	--	--
KE Cb 36	04-20-78	0.01	--	--	--	0.01	--	--	--	--	--
	04-25-78	--	--	--	--	<0.10	--	--	--	--	--
	04-26-78	--	--	--	--	<0.10	--	--	--	--	--
KE Cb 41	07-29-93	--	--	--	<0.01	--	<0.05	--	0.02	--	--
KE Cb 58	07-20-93	0.05	--	--	<0.01	--	0.05	--	0.23	--	--
KE Cb 64	04-14-92	1.10	--	<0.01	--	1.10	--	0.02	--	--	--
KE Cb 71	07-08-92	0.75	--	--	<0.01	--	0.75	--	0.02	--	--
KE Cb 79	07-08-92	2.10	--	--	<0.01	--	2.10	--	0.02	--	--
KE Cb 88	07-08-92	1.90	--	--	<0.01	--	1.90	--	0.02	--	--
KE Cb 97	05-06-92	--	--	--	<0.01	--	<0.05	--	0.06	--	--
KE Cb 98	12-05-91	--	--	--	<0.01	--	<0.05	--	0.03	--	--
KE Cb 99	05-06-92	--	--	--	<0.01	--	<0.05	--	0.02	--	--
KE Cb 100	12-11-91	0.91	--	--	<0.01	--	0.91	--	0.02	--	--
KE Cb 101	05-05-92	0.97	--	--	<0.01	--	0.97	--	0.07	--	--
KE Cb 103	12-09-91	--	--	--	<0.01	--	<0.05	--	0.06	--	--
KE Cc 5	05-06-81	27.0	--	<0.01	--	27.0	--	0.02	--	0.20	--
KE Cc 45	07-21-93	--	--	--	<0.01	--	<0.05	--	0.03	--	--
KE Cc 61	07-16-92	--	--	--	<0.01	--	<0.05	--	1.50	--	--
KE Cd 2	07-15-92	4.20	--	--	<0.01	--	4.20	--	0.01	--	--

Phosphorus, total (mg/L as P)	Phosphorus, dissolved (mg/L as P)	Phosphorus ortho, total (mg/L as P)	Phosphorus ortho, dissolved (mg/L as P)	Carbon, organic total (mg/L as C)	Carbon, organic dissolved (mg/L as C)	Well number
--	--	--	<0.01	--	0.7	KE Be 161
--	--	--	<0.01	--	0.5	
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	0.6	KE Be 162
--	--	--	<0.01	--	0.6	
--	--	--	<0.01	--	0.3	
--	--	--	<0.01	--	0.6	
--	--	--	0.03	--	0.4	KE Be 163
--	--	--	<0.01	--	--	
--	--	--	<0.01	--	0.2	
--	--	--	<0.01	--	0.2	KE Be 164
--	--	--	0.03	--	0.5	KE Be 165
--	--	--	<0.01	--	0.3	
--	--	--	0.03	--	0.8	KE Be 166
--	--	--	0.03	--	0.8	KE Be 167
--	--	--	<0.01	--	1.1	
--	--	--	<0.01	--	0.5	KE Be 169
--	--	--	<0.01	--	1.3	
--	--	--	<0.01	--	2.1	KE Be 170
--	--	--	<0.01	--	0.2	
--	--	--	0.02	--	--	KE Be 171
--	--	--	0.03	--	2.2	KE Be 172
--	--	--	0.05	--	--	
--	--	--	<0.01	--	0.6	KE Be 174
--	--	--	<0.01	--	0.4	KE Be 175
--	--	--	<0.01	--	4.5	KE Be 176
--	--	--	<0.01	--	0.8	KE Be 177
--	--	--	0.14	--	0.7	KE Be 178
--	--	--	0.15	--	--	
--	--	--	<0.01	--	1.2	KE Be 179
--	--	--	--	--	1.3	KE Be 180
--	--	--	0.01	--	1.1	
--	--	--	0.07	--	--	KE Be 181
--	--	--	<0.01	--	0.9	KE Be 182
--	--	--	--	--	--	KE Bf 1
--	--	--	--	--	--	KE Bf 9
--	--	--	0.07	--	--	
--	--	--	0.02	--	--	KE Bf 58
--	--	--	0.01	--	0.3	KE Bf 91
--	--	--	0.03	--	--	KE Bf 138
--	--	--	0.03	--	--	KE Bf 183
--	--	--	--	--	--	KE Bg 15
0.07	--	--	--	--	--	KE Bg 33
0.05	--	--	--	--	--	KE Bg 34
--	--	--	<0.01	--	0.6	KE Bg 36
--	--	--	0.02	--	0.7	KE Bg 91
0.04	--	--	--	--	--	KE Cb 36
0.01	--	--	--	--	--	
0.12	--	--	--	--	--	
--	--	--	0.01	--	0.3	KE Cb 41
--	--	--	0.41	--	1.1	KE Cb 58
0.01	--	<0.01	--	--	--	KE Cb 64
--	--	--	0.03	--	--	KE Cb 71
--	--	--	0.01	--	--	KE Cb 79
--	--	--	<0.01	--	--	KE Cb 88
--	--	--	<0.01	--	--	KE Cb 97
--	--	--	0.22	--	--	KE Cb 98
--	--	--	0.56	--	--	KE Cb 99
--	--	--	0.01	--	--	KE Cb 100
--	--	--	0.09	--	--	KE Cb 101
--	--	--	<0.01	--	--	KE Cb 103
<0.01	--	<0.01	--	--	--	KE Cc 5
--	--	--	0.02	--	0.3	KE Cc 45
--	--	--	0.03	--	--	KE Cc 61
--	--	--	0.01	--	--	KE Cd 2

Table 8. — Chemical analyses of nutrients and organic carbon in ground water from selected wells in Kent County — Continued

Well number	Date	Nitrogen, nitrate total (mg/L as N)	Nitrogen, nitrate dissolved (mg/L as N)	Nitrogen, nitrite total (mg/L as N)	Nitrogen, nitrite dissolved (mg/L as N)	Nitrogen, nitrite plus nitrate total (mg/L as N)	Nitrogen, nitrite plus nitrate dissolved (mg/L as N)	Nitrogen, ammonia total (mg/L as N)	Nitrogen, ammonia dissolved (mg/L as N)	Nitrogen, ammonia plus organic total (mg/L as N)	Nitrogen, ammonia plus organic dissolved (mg/L as N)
KE Cd 15	12-21-54	--	0.02	--	--	--	--	--	--	--	--
KE Cd 33	06-29-93	5.00	--	--	<0.01	--	5.00	--	0.02	--	--
KE Cd 86	05-04-93	--	--	--	<0.01	--	<0.05	--	0.06	--	--
KE Cd 99	06-29-93	4.40	--	--	<0.01	--	4.40	--	<0.01	--	--
KE Cd 100	06-29-93	5.30	--	--	<0.01	--	5.30	--	0.01	--	--
KE Cd 101	06-29-93	4.20	--	--	<0.01	--	4.20	--	<0.01	--	--
KE Cd 104	07-15-92	--	--	--	<0.01	--	<0.05	--	0.23	--	--
KE Da 11	07-08-92	--	--	--	<0.01	--	<0.05	--	1.20	--	--
KE Da 15	07-07-93	--	--	--	<0.01	--	<0.05	--	0.10	--	--
KE Db 40	12-04-78	--	--	--	--	<0.100	--	--	--	--	--
	12-05-78	--	--	--	--	<0.100	--	--	--	--	--
KE Db 79	07-16-92	--	--	--	<0.01	--	<0.05	--	0.07	--	--
KE Db 94	07-21-93	--	--	--	<0.01	--	<0.05	--	0.24	--	--
KE Db 96	07-07-92	0.880	--	--	<0.01	--	0.88	--	0.10	--	--
KE Db 120	04-14-92	0.076	--	0.01	--	0.086	--	4.50	--	--	--
KE Dc 55	07-07-92	0.057	--	--	<0.01	--	0.05	--	0.32	--	--
KE Dc 73	05-21-92	--	--	--	0.02	--	<0.05	--	1.50	--	--
KE Dc 77	05-21-92	11.0	--	--	<0.01	--	11.0	--	0.02	--	--
KE Dc 89	12-18-91	--	--	--	0.01	--	<0.05	--	0.56	--	--
KE Dc 91	12-16-91	--	--	--	0.01	--	<0.05	--	2.60	--	--
KE Dc 92	05-13-93	--	--	--	<0.01	--	<0.05	--	0.22	--	--
KE Dd 5	07-07-92	0.410	--	--	<0.01	--	0.41	--	0.03	--	--
KE Eb 10	07-29-93	--	--	--	<0.01	--	<0.05	--	0.21	--	--
KE Eb 12	07-01-92	--	--	--	<0.01	--	<0.05	--	0.47	--	--
KE Eb 13	07-21-93	--	--	--	<0.01	--	<0.05	--	0.49	--	--

Phosphorus, total (mg/L as P)	Phosphorus, dissolved (mg/L as P)	Phosphorus ortho, total (mg/L as P)	Phosphorus ortho, dissolved (mg/L as P)	Carbon, organic total (mg/L as C)	Carbon, organic dissolved (mg/L as C)	Well number
--	--	--	--	--	--	KE Cd 15
--	--	--	<0.01	--	--	KE Cd 33
--	--	--	<0.01	--	2.2	KE Cd 86
--	--	--	<0.01	--	--	KE Cd 99
--	--	--	0.02	--	--	KE Cd 100
--	--	--	<0.01	--	0.5	KE Cd 101
--	--	--	0.02	--	--	KE Cd 104
--	--	--	<0.01	--	--	KE Da 11
--	--	--	1.20	--	1.3	KE Da 15
0.54	--	--	--	--	--	KE Db 40
0.21	--	--	--	--	--	
--	--	--	1.30	--	--	KE Db 79
--	--	--	0.02	--	0.4	KE Db 94
--	--	--	<0.01	--	--	KE Db 96
0.59	--	0.05	--	--	--	KE Db 120
--	--	--	0.06	--	--	KE Dc 55
--	--	--	<0.01	--	--	KE Dc 73
--	--	--	<0.01	--	--	KE Dc 77
--	--	--	<0.01	--	--	KE Dc 89
--	--	--	0.01	--	--	KE Dc 91
--	--	--	0.07	--	1.7	KE Dc 92
--	--	--	<0.01	--	--	KE Dd 5
--	--	--	<0.01	--	0.9	KE Eb 10
--	--	--	<0.01	--	--	KE Eb 12
--	--	--	0.03	--	0.6	KE Eb 13

Table 9. — Chemical analyses of trace metals in ground water from selected wells in Kent County

[µg/L = micrograms per liter; - - = data not collected; < = less than]

Well number	Date	Aluminum, dissolved (µg/L as Al)	Antimony, dissolved (µg/L as Sb)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Beryllium, dissolved (µg/L as Be)	Boron, dissolved (µg/L as B)	Cadmium, dissolved (µg/L as Cd)	Chromium, dissolved (µg/L as Cr)	Cobalt, dissolved (µg/L as Co)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
KE Ac 20	12-02-77	--	--	--	--	--	--	--	--	--	--	73,000	80,000
KE Ad 43	05-26-92	--	--	--	--	--	--	--	--	--	--	--	21
KE Af 56	05-27-92	--	--	--	--	--	--	--	--	--	--	--	920
KE Ag 20	07-28-93	--	--	--	--	--	--	--	--	--	--	--	18,000
KE Ag 54	05-18-93	--	--	--	--	--	--	--	--	--	--	--	200
KE Bb 12	04-16-92	--	--	--	--	--	--	--	--	--	--	--	16
KE Bb 38	04-16-92	--	--	--	--	--	--	--	--	--	--	--	16
KE Bc 70	07-15-92	--	--	--	--	--	--	--	--	--	--	--	14
KE Bc 172	07-07-93	--	--	--	--	--	--	--	--	--	--	--	2,000
KE Bc 174	07-29-93	--	--	--	--	--	--	--	--	--	--	--	5,700
KE Bc 185	05-05-92	--	--	--	--	--	--	--	--	--	--	--	13
KE Bc 186	05-05-92	--	--	--	--	--	--	--	--	--	--	--	15,000
KE Bd 39	06-13-89	20	<1	<1	9	<0.5	30	1.0	<5	7	<10	--	3,000
	06-13-89	30	--	--	--	--	--	--	--	--	--	--	1,900
KE Bd 42	09-07-88	<10	<1	<1	100	<0.5	40	2.0	<5	30	<10	--	10,000
	09-07-88	10	--	--	--	--	--	--	--	--	--	--	8,900
KE Bd 136	05-13-93	--	--	--	--	--	--	--	--	--	--	--	1,000
KE Bd 147	12-06-91	1,100	<1	2	26	<0.5	10	1.0	<5	<3	<10	--	17,000
KE Be 43	12-07-78	--	--	--	--	--	--	--	--	--	--	3,100	2,700
KE Be 46	07-18-88	10	<1	<1	52	<0.5	<10	<1.0	<5	<3	50	--	7
	07-18-88	<10	--	--	--	--	--	--	--	--	--	--	<10
KE Be 47	07-13-88	<10	<1	<1	130	<0.5	<10	<1.0	<5	<3	50	--	4
	08-19-91	--	--	--	--	--	--	--	--	--	--	170	26
	06-09-92	--	--	--	--	--	--	--	--	--	--	50	23
KE Be 49	11-30-88	20	<1	<1	190	<0.5	<10	<1.0	<5	3	<10	--	<5
	11-30-88	10	--	--	--	--	--	--	--	--	--	--	20
	09-20-89	10	<1	<1	140	<0.5	<10	<1.0	<5	<3	<10	--	160
	09-20-89	10	--	--	--	--	--	--	--	--	--	--	200
	06-04-90	<10	<1	<1	120	<0.5	<10	<1.0	<5	3	<10	--	200
	06-04-90	<10	--	--	--	--	--	--	--	--	--	--	200
KE Be 50	11-28-88	30	<1	<1	180	<0.5	<10	2.0	<5	4	<10	--	17
	11-28-88	30	--	--	--	--	--	--	--	--	--	--	50
	09-20-89	30	<1	<1	170	<0.5	<10	<1.0	<5	<3	<10	--	<7
	09-20-89	30	--	--	--	--	--	--	--	--	--	--	<10
	06-05-90	30	<1	<1	140	<0.5	<10	<1.0	<5	4	<10	--	<4
	06-05-90	20	--	--	--	--	--	--	--	--	--	--	20
	11-19-90	20	<1	<1	150	0.5	<10	<1.0	<5	<3	<10	--	14
	05-28-91	<10	<1	<1	110	<0.5	<10	<1.0	<5	<3	<10	--	3
KE Be 51	11-30-88	<10	<1	<1	120	<0.5	<10	<1.0	<5	<3	<10	--	3
	11-30-88	10	--	--	--	--	--	--	--	--	--	--	20
	09-19-89	10	<1	<1	130	<0.5	20	<1.0	<5	<3	<10	--	11
	09-19-89	10	--	--	--	--	--	--	--	--	--	--	20
	06-04-90	<10	<1	<1	140	<0.5	<10	<1.0	<5	<3	<10	--	<5
	06-04-90	20	--	--	--	--	--	--	--	--	--	--	10
KE Be 52	11-30-88	<20	<1	<1	140	<0.5	20	<1.0	<5	10	<10	--	60
	04-05-89	<10	<1	<1	150	<0.5	<10	<1.0	<5	7	<10	--	4
	04-05-89	<10	--	--	--	--	--	--	--	--	--	--	<10
	06-14-89	20	<1	<1	160	<0.5	<10	<1.0	<5	6	<10	--	<7
	06-14-89	20	--	--	--	--	--	--	--	--	--	--	<10
	06-05-90	10	<1	<1	160	<0.5	<10	<1.0	<5	6	<10	--	<5
	06-05-90	<10	--	--	--	--	--	--	--	--	--	--	<10
	11-05-90	10	<1	<1	180	<0.5	<10	<1.0	<5	<3	<10	--	<3
	03-04-91	<10	<1	<1	190	<0.5	<10	<1.0	<5	<3	<10	--	4
	05-28-91	<10	<1	<1	200	0.6	<10	<1.0	<5	<3	<10	--	<3
KE Be 53	06-05-90	<10	<1	<1	35	<0.5	<10	<1.0	<5	<3	<10	--	<3
	06-05-90	<10	--	--	--	--	--	--	--	--	--	--	<10
KE Be 59	06-04-90	<10	<1	<1	78	<0.5	<10	<1.0	<5	<3	<10	--	<7
	06-05-90	<10	<1	<1	78	<0.5	<10	<1.0	<5	<3	<10	--	<7
	11-19-90	<10	<1	<1	92	<0.5	<10	<1.0	<5	<3	<10	--	47
KE Be 60	09-20-89	10	<1	<1	47	<0.5	30	<1.0	<5	<3	<10	--	<3
	09-20-89	<10	--	--	--	--	--	--	--	--	--	--	<10
	06-07-90	<10	<1	<1	58	<0.5	<10	<1.0	<5	<3	<10	--	<3
	06-07-90	<10	--	--	--	--	--	--	--	--	--	--	<10
KE Be 61	07-06-89	<10	<1	<1	65	<0.5	<10	<1.0	<5	<3	<10	--	<3
	07-06-89	10	--	--	--	--	--	--	--	--	--	--	<10

Lead, dis-solved (µg/L as Pb)	Lithium, dis-solved (µg/L as Li)	Manga-nese, total (µg/L as Mn)	Manga-nese, dis-solved (µg/L as Mn)	Mercury, dis-solved (µg/L as Hg)	Molyb-denum, dis-solved (µg/L as Mo)	Nickel, dis-solved (µg/L as Ni)	Sele-nium, dis-solved (µg/L as Se)	Silver, dis-solved (µg/L as Ag)	Stron-tium, dis-solved (µg/L as Sr)	Vana-dium, dis-solved (µg/L as V)	Zinc, dis-solved (µg/L as Zn)	Well number
--	--	2,800	3,200	--	--	--	--	--	--	--	--	KE Ac 20
--	--	--	10	--	--	--	--	--	--	--	--	KE Ad 43
--	--	--	12	--	--	--	--	--	--	--	--	KE Af 56
--	--	--	160	--	--	--	--	--	--	--	--	KE Ag 20
--	--	--	6	--	--	--	--	--	--	--	--	KE Ag 54
--	--	--	5	--	--	--	--	--	--	--	--	KE Bb 12
--	--	--	330	--	--	--	--	--	--	--	--	KE Bb 38
--	--	--	6	--	--	--	--	--	--	--	--	KE Bc 70
--	--	--	20	--	--	--	--	--	--	--	--	KE Bc 172
--	--	--	15	--	--	--	--	--	--	--	--	KE Bc 174
--	--	--	23	--	--	--	--	--	--	--	--	KE Bc 185
--	--	--	190	--	--	--	--	--	--	--	--	KE Bc 186
<10	<4	--	51	<0.1	<10	<10	<1	<1.0	10	<6	45	KE Bd 39
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	2,200	<0.1	<10	<10	<1	<1.0	110	<6	28	KE Bd 42
--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	16	--	--	--	--	--	--	--	--	KE Bd 136
<10	<4	--	29	--	<10	<10	<1	<1.0	31	6	5	KE Bd 147
--	--	60	60	--	--	--	--	--	--	--	--	KE Be 43
20	<4	--	8	<0.1	<10	<10	<1	2.0	48	<6	20	KE Be 46
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	84	<0.1	<10	<10	14	1.0	250	<6	30	KE Be 47
--	--	280	290	--	--	--	--	--	--	--	--	
--	--	800	780	--	--	--	--	--	--	--	--	
<10	<4	--	520	--	<10	<10	27	<1.0	240	<6	15	KE Be 49
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	180	<0.1	<10	<10	16	<1.0	230	<6	5	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	310	--	<10	<10	12	1.0	190	<6	8	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	210	--	<10	<10	<1	<1.0	390	<6	18	KE Be 50
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	150	<0.1	<10	<10	<1	<1.0	390	<6	10	
--	--	--	--	--	--	--	--	--	--	--	--	
10	<4	--	74	--	<10	<10	<1	1.0	320	<6	5	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	63	--	<10	<10	<1	1.0	350	<6	13	
<10	<4	--	45	--	<10	<10	1	<1.0	300	<6	<3	
<10	<4	--	30	--	<10	<10	<1	<1.0	100	<6	9	KE Be 51
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	17	<0.1	<10	<10	<1	<1.0	120	<6	9	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	24	--	<10	<10	<1	<1.0	120	<6	6	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	170	--	<10	<10	<1	<1.0	92	<6	19	KE Be 52
<10	<4	--	110	<0.1	<10	<10	<1	<1.0	110	<6	21	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	100	<0.1	<10	<10	<1	<1.0	120	<6	16	
--	--	--	--	--	--	--	--	--	--	--	--	
10	<4	--	92	--	<10	<10	<1	1.0	120	<6	12	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	49	--	<10	<10	<1	<1.0	140	<6	11	
<10	<4	--	48	--	<10	<10	<1	<1.0	150	<6	11	
<10	<4	--	43	--	<10	<10	<1	<1.0	160	<6	8	
10	<4	--	4	--	<10	<10	1	1.0	31	<6	<3	KE Be 53
--	--	--	--	--	--	--	--	--	--	--	--	
10	<4	--	21	--	<10	<10	8	1.0	170	<6	5	KE Be 59
10	<4	--	21	--	<10	<10	8	1.0	170	<6	5	
<10	<4	--	390	--	<10	<10	5	<1.0	150	<6	7	
<10	<4	--	28	<0.1	<10	<10	<1	<1.0	68	<6	<3	KE Be 60
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	16	--	<10	<10	<1	<1.0	74	<6	3	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	35	<0.1	<10	<10	<1	<1.0	36	<6	19	KE Be 61
--	--	--	--	--	--	--	--	--	--	--	--	

Table 9. — Chemical analyses of trace metals in ground water from selected wells in Kent County—Continued

Well number	Date	Aluminum, dissolved (µg/L as Al)	Antimony, dissolved (µg/L as Sb)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Beryllium, dissolved (µg/L as Be)	Boron, dissolved (µg/L as B)	Cadmium, dissolved (µg/L as Cd)	Chromium, dissolved (µg/L as Cr)	Cobalt, dissolved (µg/L as Co)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
	06-05-90	10	<1	<1	69	<0.5	<10	<1.0	<5	<3	<10	--	<7
	06-05-90	<10	--	--	--	--	--	--	--	--	--	--	<10
	11-05-90	40	<1	<1	64	<0.5	<10	1.0	<5	<3	<10	--	32
KE Be 61	03-04-91	<10	<1	<1	63	0.8	<10	1.0	<5	<3	<10	--	3
	06-05-91	<10	<1	<1	76	<0.5	<10	<1.0	<5	<3	<10	--	6
KE Be 62	06-06-90	<10	<1	<1	79	<0.5	<10	<1.0	<5	<3	<10	--	<4
	06-06-90	<10	--	--	--	--	--	--	--	--	--	--	<10
	11-06-90	10	<1	<1	93	<0.5	<10	<1.0	<5	<3	<10	--	4
	03-04-91	<10	<1	<1	81	<0.5	<10	1.0	<5	<3	<10	--	<3
	05-28-91	<10	<1	<1	77	<0.5	<10	<1.0	<5	<3	<10	--	<3
KE Be 63	09-07-89	<10	<1	<1	51	<0.5	<10	<1.0	<5	<3	<10	--	5
	09-07-89	10	--	--	--	--	--	--	--	--	--	--	20
	06-06-90	<10	<1	<1	60	<0.5	<10	<1.0	<5	<3	<10	--	<3
	06-06-90	<10	--	--	--	--	--	--	--	--	--	--	<10
	11-06-90	<10	<1	<1	54	<0.5	<10	<1.0	<5	<3	<10	--	<3
KE Be 64	09-07-89	10	<1	<1	110	<0.5	10	<1.0	<5	<3	<10	--	21
	09-07-89	60	--	--	--	--	--	--	--	--	--	--	40
	06-06-90	30	<1	<1	170	0.5	<10	<1.0	<5	<3	<10	--	61
	06-06-90	<10	--	--	--	--	--	--	--	--	--	--	<10
	11-06-90	30	<1	<1	220	0.6	<10	<1.0	<5	<3	<10	--	6
	05-28-91	20	<1	<1	200	<0.5	<10	<1.0	<5	<3	<10	--	3
KE Be 65	06-13-89	<10	<1	<1	31	<0.5	20	<1.0	<5	<3	<10	--	<11
	06-13-89	10	--	--	--	--	--	--	--	--	--	--	10
KE Be 113	05-26-92	--	--	--	--	--	--	--	--	--	--	--	5,200
KE Be 151	05-18-93	--	--	--	--	--	--	--	--	--	--	--	9
KE Be 158	12-05-91	30	<1	<1	640	<0.5	<10	<1.0	<5	<3	<10	--	11
KE Be 159	11-07-90	<10	<1	<1	85	<0.5	<10	<1.0	<5	<3	<10	--	4
	03-05-91	<10	<1	<1	87	<0.5	<10	1.0	<5	<3	<10	--	3
	06-04-91	<10	<1	1	94	<0.5	<10	<1.0	<5	<3	<10	--	9
KE Be 160	11-19-90	50	<1	<1	44	<0.5	<10	<1.0	<5	<3	<10	--	65
	03-05-91	5	<1	<1	41	<0.5	<10	<1.0	<5	<3	<10	--	8
	05-28-91	4	<1	<1	42	<0.5	<10	<1.0	<5	<3	<10	--	<3
KE Be 161	11-07-90	20	<1	<1	180	<0.5	10	<1.0	<5	<3	<10	--	<3
	03-05-91	<10	<1	<1	150	<0.5	<10	<1.0	<5	<3	<10	--	<3
	06-04-91	<10	<1	<1	190	0.6	<10	<1.0	<5	<3	<10	--	10
KE Be 162	11-06-90	<10	<1	<1	35	<0.5	<10	<1.0	<5	<3	<10	--	<3
	03-04-91	5	<1	<1	33	<0.5	<10	<1.0	<5	<3	<10	--	<3
	06-05-91	30	<1	<1	38	<0.5	<10	<1.0	7	<3	<10	--	68
KE Be 163	11-06-90	10	<1	<1	140	<0.5	<10	<1.0	<5	<3	<10	--	4
	03-04-91	<10	<1	<1	180	<0.5	<10	<1.0	<5	<3	<10	--	<3
	06-05-91	20	<1	<1	200	<0.5	<10	<1.0	<5	<3	<10	--	13
KE Be 164	11-19-90	20	<1	<1	53	<0.5	<10	<1.0	<5	<3	<10	--	26
KE Be 165	11-07-90	10	<1	<1	150	<0.5	10	<1.0	<5	<3	<10	--	<3
KE Be 166	11-07-90	40	<1	<1	250	<0.5	10	<1.0	<5	<3	<10	--	<3
KE Be 167	11-07-90	60	<1	<1	110	<0.5	10	<1.0	<5	6	<10	--	4
KE Be 169	03-05-91	8	<1	<1	73	<0.5	<10	<1.0	<5	<3	<10	--	160
	05-29-91	<10	<1	<1	100	<0.5	<10	<1.0	<5	<3	<10	--	100
KE Be 170	03-05-91	<10	<1	<1	73	<0.5	<10	<1.0	<5	<3	<10	--	8
	05-29-91	<10	<1	<1	65	<0.5	<10	<1.0	<5	<3	<10	--	7
KE Be 171	12-20-91	--	--	--	--	--	--	--	--	--	--	--	190
KE Be 172	10-10-91	<10	<1	3	280	<0.5	20	<1.0	<5	<3	<10	--	2,100
KE Be 174	10-15-91	4	<1	<1	72	0.5	<10	<1.0	<5	<3	<10	--	5
KE Bf 9	05-20-92	--	--	--	--	--	--	--	--	--	--	--	1,200
KE Bf 58	05-27-92	--	--	--	--	--	--	--	--	--	--	--	840
KE Bf 91	07-28-93	--	--	--	--	--	--	--	--	--	--	--	260
KE Bf 138	05-20-92	--	--	--	--	--	--	--	--	--	--	--	350
KE Bf 183	05-20-92	--	--	--	--	--	--	--	--	--	--	--	450
KE Bg 33	10-25-78	--	--	--	--	--	--	--	--	--	--	870	860
KE Bg 34	10-26-78	--	--	--	--	--	--	--	--	--	--	1,100	1,100
KE Bg 36	07-05-89	30	<1	<1	350	<0.5	<10	<1.0	6	<3	<10	--	250
	07-05-89	20	--	--	--	--	--	--	--	--	--	--	230
KE Bg 91	07-28-93	--	--	--	--	--	--	--	--	--	--	--	350
KE Cb 41	07-29-93	--	--	--	--	--	--	--	--	--	--	--	180
KE Cb 58	07-20-93	--	--	--	--	--	--	--	--	--	--	--	15,000
KE Cb 64	04-14-92	--	--	--	--	--	--	--	--	--	--	--	52

Lead, dis-solved (µg/L as Pb)	Lithium, dis-solved (µg/L as Li)	Manga-nese, total (µg/L as Mn)	Manga-nese, dis-solved (µg/L as Mn)	Mercury, dis-solved (µg/L as Hg)	Molyb-denum, dis-solved (µg/L as Mo)	Nickel, dis-solved (µg/L as Ni)	Sele-nium, dis-solved (µg/L as Se)	Silver, dis-solved (µg/L as Ag)	Stron-tium, dis-solved (µg/L as Sr)	Vana-dium, dis-solved (µg/L as V)	Zinc, dis-solved (µg/L as Zn)	Well number
<10	<4	--	27	--	<10	<10	<1	<1.0	25	<6	13	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	22	--	<10	<10	<1	<1.0	23	<6	17	
<10	<4	--	16	--	<10	<10	<1	<1.0	25	<6	16	KE Be 61
<10	<4	--	20	--	<10	<10	<1	<1.0	27	<6	17	
<10	<4	--	2	--	<10	<10	1	<1.0	120	<6	7	KE Be 62
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	3	--	<10	<10	1	<1.0	110	<6	23	
<10	<4	--	3	--	<10	<10	1	<1.0	100	<6	<3	
<10	<4	--	3	--	<10	<10	1	<1.0	100	<6	<3	
<10	<4	--	22	<0.1	<10	<10	<1	<1.0	28	<6	5	KE Be 63
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	15	--	<10	<10	<1	<1.0	27	<6	7	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	10	--	<10	<10	<1	<1.0	28	<6	10	
<10	<4	--	110	<0.1	<10	<10	<1	<1.0	91	<6	31	KE Be 64
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	30	--	<10	<10	<1	<1.0	97	<6	14	
--	--	--	--	--	--	--	--	--	--	--	--	
<10	<4	--	37	--	<10	10	<1	<1.0	120	<6	16	
<10	<4	--	26	--	<10	<10	<1	<1.0	110	<6	12	
<10	<4	--	4	<0.1	<10	<10	<1	<1.0	130	<6	<3	KE Be 65
--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	90	--	--	--	--	--	--	--	--	KE Be 113
--	--	--	1	--	--	--	--	--	--	--	--	KE Be 151
<10	<4	--	130	--	<10	<10	3	<1.0	180	<6	7	KE Be 158
<10	4	--	21	--	<10	<10	<1	<1.0	96	<6	<3	KE Be 159
<10	4	--	<1	--	<10	<10	<1	<1.0	110	<6	<3	
<10	<4	--	<1	--	<10	<10	<1	<1.0	110	<6	<3	
<10	<4	--	84	--	<10	<10	<1	<1.0	16	<6	8	KE Be 160
<10	<4	--	30	--	<10	<10	<1	<1.0	16	<6	<3	
<10	<4	--	16	--	<10	<10	<1	<1.0	15	<6	6	
<10	<4	--	190	--	<10	10	<1	<1.0	52	<6	40	KE Be 161
<10	<4	--	87	--	<10	<10	<1	<1.0	58	<6	21	
<10	<4	--	80	--	<10	10	<1	<1.0	59	<6	33	
<10	<4	--	9	--	<10	<10	<1	<1.0	15	<6	8	KE Be 162
<10	<4	--	4	--	<10	<10	<1	<1.0	15	<6	3	
<10	<4	--	7	--	<10	<10	<1	<1.0	16	<6	<3	
<10	<4	--	17	--	<10	<10	<1	<1.0	79	<6	25	KE Be 163
<10	<4	--	16	--	<10	<10	<1	<1.0	90	<6	6	
<10	<4	--	16	--	<10	<10	<1	<1.0	100	<6	4	
<10	<4	--	20	--	<10	<10	<1	1.0	73	<6	21	KE Be 164
<10	<4	--	29	--	<10	10	<1	<1.0	88	<6	10	KE Be 165
<10	<4	--	230	--	<10	<10	<1	<1.0	200	<6	7	KE Be 166
<10	<4	--	320	--	<10	<10	7	<1.0	70	<6	5	KE Be 167
<10	<4	--	21	--	<10	<10	<1	<1.0	140	<6	<5	KE Be 169
<10	<4	--	37	--	<10	<10	<1	<1.0	120	<6	9	
<10	<4	--	5	--	<10	<10	<1	<1.0	22	<6	<3	KE Be 170
<10	<4	--	4	--	<10	<10	<1	<1.0	20	<6	4	
--	--	--	15	--	--	--	--	--	--	--	--	KE Be 171
<10	7	--	6	--	<10	<10	<1	<1.0	120	<6	<3	KE Be 172
<10	<4	--	6	--	<10	<10	<1	<1.0	21	<6	11	KE Be 174
--	--	--	69	--	--	--	--	--	--	--	--	KE Bf 9
--	--	--	94	--	--	--	--	--	--	--	--	KE Bf 58
--	--	--	9	--	--	--	--	--	--	--	--	KE Bf 91
--	--	--	24	--	--	--	--	--	--	--	--	KE Bf 138
--	--	--	23	--	--	--	--	--	--	--	--	KE Bf 183
--	--	20	20	--	--	--	--	--	--	--	--	KE Bg 33
--	--	80	70	--	--	--	--	--	--	--	--	KE Bg 34
<10	<4	--	110	<0.1	<10	<10	3	2.0	320	<6	18	KE Bg 36
--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	7	--	--	--	--	--	--	--	--	KE Bg 91
--	--	--	2	--	--	--	--	--	--	--	--	KE Cb 41
--	--	--	210	--	--	--	--	--	--	--	--	KE Cb 58
--	--	--	52	--	--	--	--	--	--	--	--	KE Cb 64

Table 9. — Chemical analyses of trace metals in ground water from selected wells in Kent County—Continued

Well number	Date	Aluminum, dissolved (µg/L as Al)	Antimony, dissolved (µg/L as Sb)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Beryllium, dissolved (µg/L as Be)	Boron, dissolved (µg/L as B)	Cadmium, dissolved (µg/L as Cd)	Chromium, dissolved (µg/L as Cr)	Cobalt, dissolved (µg/L as Co)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
KE Cb 71	07-08-92	--	--	--	--	--	--	--	--	--	--	--	<3
KE Cb 79	07-08-92	--	--	--	--	--	--	--	--	--	--	--	6
KE Cb 88	07-08-92	--	--	--	--	--	--	--	--	--	--	--	6
KE Cb 97	05-06-92	--	--	--	--	--	--	--	--	--	--	--	12,000
KE Cb 98	12-05-91	--	--	--	--	--	--	--	--	--	--	--	11,000
KE Cb 99	05-06-92	--	--	--	--	--	--	--	--	--	--	--	15,000
KE Cb 100	12-11-91	--	--	--	--	--	--	--	--	--	--	--	180
KE Cb 101	05-05-92	--	--	--	--	--	--	--	--	--	--	--	5,200
KE Cb 103	12-09-91	--	--	--	--	--	--	--	--	--	--	--	14,000
KE Cc 5	05-06-81	--	--	--	--	--	--	--	--	--	--	100	20
KE Cc 45	07-21-93	--	--	--	--	--	--	--	--	--	--	--	8,300
KE Cc 61	07-16-92	--	--	--	--	--	--	--	--	--	--	--	1,000
KE Cd 2	07-15-92	--	--	--	--	--	--	--	--	--	--	--	6
KE Cd 33	06-29-93	--	--	--	--	--	--	--	--	--	--	--	31
KE Cd 86	05-04-93	--	--	--	--	--	--	--	--	--	--	--	360
KE Cd 99	06-29-93	--	--	--	--	--	--	--	--	--	--	--	10
KE Cd 100	06-29-93	--	--	--	--	--	--	--	--	--	--	--	20
KE Cd 101	06-29-93	--	--	--	--	--	--	--	--	--	--	--	10
KE Cd 104	07-15-92	--	--	--	--	--	--	--	--	--	--	--	4,700
KE Cd 137	06-30-93	--	--	--	--	--	--	--	--	--	--	--	5,900
KE Da 11	07-08-92	--	--	--	--	--	--	--	--	--	--	--	18,000
KE Da 15	07-07-93	--	--	--	--	--	--	--	--	--	--	--	220
KE Db 40	12-04-78	--	--	--	--	--	--	--	--	--	--	7,700	7,700
	12-05-78	--	--	--	--	--	--	--	--	--	--	7,200	7,100
KE Db 79	07-16-92	--	--	--	--	--	--	--	--	--	--	--	14,000
KE Db 94	07-21-93	--	--	--	--	--	--	--	--	--	--	--	22,000
KE Db 96	07-07-92	--	--	--	--	--	--	--	--	--	--	--	510
KE Db 120	04-14-92	--	--	--	--	--	--	--	--	--	--	--	1,700
KE Dc 55	07-07-92	--	--	--	--	--	--	--	--	--	--	--	430
KE Dc 73	05-21-92	--	--	--	--	--	--	--	--	--	--	--	39,000
KE Dc 77	05-21-92	--	--	--	--	--	--	--	--	--	--	--	28
KE Dc 89	12-18-91	--	--	--	--	--	--	--	--	--	--	--	24,000
KE Dc 91	12-16-91	--	--	--	--	--	--	--	--	--	--	--	21,000
KE Dc 92	05-13-93	--	--	--	--	--	--	--	--	--	--	--	1,700
KE Dd 5	07-07-92	--	--	--	--	--	--	--	--	--	--	--	1,000
KE Eb 10	07-29-93	--	--	--	--	--	--	--	--	--	--	--	18,000
KE Eb 12	07-01-92	--	--	--	--	--	--	--	--	--	--	--	7,300
KE Eb 13	07-21-93	--	--	--	--	--	--	--	--	--	--	--	2,700

Lead, dis-solved (µg/L as Pb)	Lithium, dis-solved (µg/L as Li)	Manga-nese, total (µg/L as Mn)	Manga-nese, dis-solved (µg/L as Mn)	Mercury, dis-solved (µg/L as Hg)	Molyb-denum, dis-solved (µg/L as Mo)	Nickel, dis-solved (µg/L as Ni)	Sele-nium, dis-solved (µg/L as Se)	Silver, dis-solved (µg/L as Ag)	Stron-tium, dis-solved (µg/L as Sr)	Vana-dium, dis-solved (µg/L as V)	Zinc, dis-solved (µg/L as Zn)	Well number
--	--	--	<1	--	--	--	--	--	--	--	--	KE Cb 71
--	--	--	4	--	--	--	--	--	--	--	--	KE Cb 79
--	--	--	<1	--	--	--	--	--	--	--	--	KE Cb 88
--	--	--	230	--	--	--	--	--	--	--	--	KE Cb 97
--	--	--	99	--	--	--	--	--	--	--	--	KE Cb 98
--	--	--	220	--	--	--	--	--	--	--	--	KE Cb 99
--	--	--	14	--	--	--	--	--	--	--	--	KE Cb 100
--	--	--	180	--	--	--	--	--	--	--	--	KE Cb 101
--	--	--	200	--	--	--	--	--	--	--	--	KE Cb 103
--	--	160	170	--	--	--	--	--	--	--	--	KE Cc 5
--	--	--	43	--	--	--	--	--	--	--	--	KE Cc 45
--	--	--	43	--	--	--	--	--	--	--	--	KE Cc 61
--	--	--	7	--	--	--	--	--	--	--	--	KE Cd 2
--	--	--	35	--	--	--	--	--	--	--	--	KE Cd 33
--	--	--	11	--	--	--	--	--	--	--	--	KE Cd 86
--	--	--	10	--	--	--	--	--	--	--	--	KE Cd 99
--	--	--	20	--	--	--	--	--	--	--	--	KE Cd 100
--	--	--	20	--	--	--	--	--	--	--	--	KE Cd 101
--	--	--	82	--	--	--	--	--	--	--	--	KE Cd 104
--	--	--	85	--	--	--	--	--	--	--	--	KE Cd 137
--	--	--	210	--	--	--	--	--	--	--	--	KE Da 11
--	--	--	4	--	--	--	--	--	--	--	--	KE Da 15
--	--	230	230	--	--	--	--	--	--	--	--	KE Db 40
--	--	240	240	--	--	--	--	--	--	--	--	
--	--	--	140	--	--	--	--	--	--	--	--	KE Db 79
--	--	--	170	--	--	--	--	--	--	--	--	KE Db 94
--	--	--	230	--	--	--	--	--	--	--	--	KE Db 96
--	--	--	560	--	--	--	--	--	--	--	--	KE Db 120
--	--	--	13	--	--	--	--	--	--	--	--	KE Dc 55
--	--	--	580	--	--	--	--	--	--	--	--	KE Dc 73
--	--	--	63	--	--	--	--	--	--	--	--	KE Dc 77
--	--	--	530	--	--	--	--	--	--	--	--	KE Dc 89
--	--	--	80	--	--	--	--	--	--	--	--	KE Dc 91
--	--	--	11	--	--	--	--	--	--	--	--	KE Dc 92
--	--	--	27	--	--	--	--	--	--	--	--	KE Dd 5
--	--	--	160	--	--	--	--	--	--	--	--	KE Eb 10
--	--	--	<10	--	--	--	--	--	--	--	--	KE Eb 12
--	--	--	76	--	--	--	--	--	--	--	--	KE Eb 13

Table 10. — Chemical analyses of pesticides in ground water from selected wells in Kent County

[µg/L = micrograms per liter; - - = data not collected; < = less than; diss. = dissolved]

Well number	Date	Alachlor, diss. (µg/L)	Alachlor, total (µg/L)	Ametryne, diss. (µg/L)	Ametryne, total (µg/L)	Atrazine, diss. (µg/L)	Atrazine, total (µg/L)	Cyanazine, diss. (µg/L)	Cyanazine, total (µg/L)	2,4-D, total (µg/L)
KE Bd 39	06-13-89	--	<0.10	--	<0.10	--	<0.1	--	<0.10	<0.01
KE Bd 42	09-07-88	--	<0.10	--	<0.10	--	0.1	--	<0.10	<0.01
KE Be 46	07-18-88	--	<0.10	--	<0.10	--	<0.1	--	<0.10	<0.01
KE Be 47	07-13-88	--	<0.10	--	<0.10	--	0.1	--	<0.10	<0.01
KE Be 49	11-30-88	--	<0.10	--	<0.10	--	1.2	--	<0.10	--
	09-20-89	--	<0.10	--	<0.10	--	0.4	--	<0.10	<0.01
	06-04-90	--	<0.10	--	<0.10	--	1.1	--	<0.10	--
KE Be 50	11-28-88	--	<0.10	--	<0.10	--	0.2	--	<0.10	<0.01
	09-20-89	--	<0.10	--	<0.10	--	0.4	--	<0.10	<0.01
	06-05-90	--	<0.10	--	<0.10	--	1.0	--	<0.10	<0.01
	11-19-90	<0.05	--	<0.05	--	0.88	--	<0.20	--	--
	04-23-91	<0.05	--	<0.05	--	0.52	--	<0.20	--	--
	05-28-91	<0.05	--	<0.05	--	0.53	--	<0.20	--	--
	06-25-91	<0.05	--	<0.05	--	0.58	--	<0.20	--	--
	07-22-91	<0.05	--	<0.05	--	0.43	--	<0.20	--	--
	08-20-91	<0.05	--	<0.05	--	0.32	--	<0.20	--	--
	09-16-91	<0.05	--	<0.05	--	0.51	--	<0.20	--	--
	10-15-91	<0.05	--	<0.05	--	0.42	--	<0.20	--	--
	11-14-91	<0.05	--	<0.05	--	0.40	--	<0.20	--	--
	12-09-91	<0.05	--	<0.05	--	0.30	--	<0.20	--	--
	01-06-92	<0.05	--	<0.05	--	0.37	--	<0.20	--	--
	02-03-92	<0.05	--	<0.05	--	0.43	--	<0.20	--	--
	03-02-92	<0.05	--	<0.05	--	0.24	--	<0.20	--	--
	03-31-92	<0.05	--	<0.05	--	0.35	--	<0.20	--	--
KE Be 51	09-19-89	--	<0.10	--	<0.10	--	<0.1	--	<0.10	<0.01
	06-04-90	--	<0.10	--	<0.10	--	<0.1	--	<0.10	--
KE Be 52	11-30-88	--	0.10	--	<0.10	--	0.2	--	<0.10	--
	04-05-89	--	0.20	--	<0.10	--	0.2	--	0.10	<0.01
	06-14-89	--	0.10	--	<0.10	--	0.1	--	<0.10	<0.01
	06-05-90	--	0.20	--	<0.10	--	0.2	--	<0.10	<0.01
	11-05-90	0.19	--	<0.05	--	0.13	--	<0.20	--	--
	03-04-91	0.23	--	<0.05	--	0.20	--	<0.20	--	--
	04-23-91	0.12	--	<0.05	--	0.19	--	<0.20	--	--
	05-28-91	0.10	--	<0.05	--	0.18	--	<0.20	--	--
	06-25-91	0.09	--	<0.05	--	0.24	--	0.20	--	--
	07-22-91	0.09	--	<0.05	--	0.31	--	<0.20	--	--
	08-20-91	<0.05	--	<0.05	--	0.12	--	<0.20	--	--
	09-16-91	0.07	--	<0.05	--	0.28	--	<0.20	--	--
	10-15-91	0.10	--	<0.05	--	0.29	--	<0.20	--	--
	11-14-91	0.09	--	<0.05	--	0.26	--	<0.20	--	--
	12-09-91	0.07	--	<0.05	--	0.28	--	<0.20	--	--
	01-06-92	0.09	--	<0.05	--	0.32	--	<0.20	--	--
	02-03-92	0.08	--	<0.05	--	0.25	--	<0.20	--	--
	03-02-92	0.07	--	<0.05	--	0.19	--	<0.20	--	--
	03-31-92	0.10	--	<0.05	--	0.24	--	<0.20	--	--
KE Be 53	06-05-90	--	<0.10	--	<0.10	--	0.1	--	<0.10	<0.01
KE Be 59	06-04-90	--	<0.10	--	<0.10	--	0.5	--	<0.10	<0.01
	11-19-90	<0.05	--	<0.05	--	0.74	--	<0.20	--	--
KE Be 60	09-20-89	--	<0.10	--	<0.10	--	0.2	--	<0.10	<0.01
	06-07-90	--	<0.10	--	<0.10	--	0.2	--	<0.10	--
KE Be 61	07-06-89	--	<0.10	--	<0.10	--	<0.1	--	<0.10	<0.01
	06-05-90	--	<0.10	--	<0.10	--	<0.1	--	<0.10	--
	11-05-90	0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	03-04-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	06-05-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 62	06-06-90	--	<0.10	--	<0.10	--	0.8	--	<0.10	<0.01
	11-06-90	0.05	--	<0.05	--	0.40	--	<0.20	--	--
	03-04-91	<0.05	--	<0.05	--	0.37	--	<0.20	--	--
	04-23-91	<0.05	--	<0.05	--	0.55	--	<0.20	--	--
	05-28-91	<0.05	--	<0.05	--	0.32	--	<0.20	--	--
	09-16-91	<0.05	--	<0.05	--	0.49	--	<0.20	--	--
	10-15-91	<0.05	--	<0.05	--	0.44	--	<0.20	--	--
	11-14-91	<0.05	--	<0.05	--	0.39	--	<0.20	--	--
	12-09-91	<0.05	--	<0.05	--	0.32	--	<0.20	--	--
	01-06-92	<0.05	--	<0.05	--	0.37	--	<0.20	--	--

Deethyl atrazine, diss. (µg/L)	Deisopropyl atrazine, diss. (µg/L)	Dicamba (Mediben) (Banvel D), total (µg/L)	2,4-DP, total (µg/L)	Methomyl, total (µg/L)	Metolachlor, diss. (µg/L)	Metolachlor, total (µg/L)	Metribuzin sencor, diss. (µg/L)	Well number
--	--	<0.01	<0.01	<0.5	--	<0.10	--	KE Bd 39
--	--	<0.01	<0.01	<0.5	--	<0.10	--	KE Bd 42
--	--	<0.01	<0.01	<0.5	--	<0.10	--	KE Be 46
--	--	<0.01	<0.01	<0.5	--	<0.10	--	KE Be 47
--	--	--	--	<0.5	--	0.50	--	KE Be 49
--	--	<0.01	<0.01	<0.5	--	0.40	--	
--	--	--	--	--	--	0.20	--	
--	--	<0.01	<0.01	<0.5	--	<0.10	--	KE Be 50
--	--	--	--	<0.5	--	<0.10	--	
--	--	<0.01	<0.01	--	--	<0.10	--	
0.73	0.10	--	--	--	<0.05	--	<0.05	
0.36	<0.05	--	--	--	<0.05	--	<0.05	
0.63	0.09	--	--	--	<0.05	--	<0.05	
0.49	0.12	--	--	--	<0.05	--	<0.05	
0.40	0.10	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
0.28	<0.05	--	--	--	<0.05	--	<0.05	
0.50	0.22	--	--	--	<0.05	--	<0.05	
0.58	0.17	--	--	--	<0.05	--	<0.05	
0.57	0.13	--	--	--	<0.05	--	<0.05	
0.75	0.17	--	--	--	<0.05	--	<0.05	
1.0	0.20	--	--	--	<0.05	--	<0.05	
0.50	0.13	--	--	--	<0.05	--	<0.05	
0.82	0.16	--	--	--	<0.05	--	<0.05	
--	--	--	--	<0.5	--	<0.10	--	KE Be 51
--	--	--	--	--	--	<0.10	--	
--	--	--	--	<0.5	--	0.10	--	KE Be 52
--	--	<0.01	<0.01	<0.5	--	<0.10	--	
--	--	<0.01	<0.01	<0.5	--	<0.10	--	
--	--	<0.01	<0.01	<0.5	--	0.10	--	
0.70	<0.05	--	--	--	0.16	--	<0.05	
2.6	0.14	--	--	--	0.25	--	<0.05	
1.1	<0.05	--	--	--	0.18	--	<0.05	
1.2	<0.05	--	--	--	0.13	--	<0.05	
1.3	<0.05	--	--	--	<0.05	--	<0.05	
1.7	0.05	--	--	--	0.19	--	<0.05	
<0.05	<0.05	--	--	--	0.07	--	<0.05	
0.43	<0.05	--	--	--	0.17	--	<0.05	
1.5	<0.05	--	--	--	0.19	--	<0.05	
1.2	<0.05	--	--	--	0.16	--	<0.05	
1.4	<0.05	--	--	--	0.15	--	<0.05	
1.9	0.05	--	--	--	0.19	--	<0.05	
1.5	<0.05	--	--	--	0.17	--	<0.05	
0.94	0.06	--	--	--	0.14	--	<0.05	
1.7	<0.05	--	--	--	0.20	--	<0.05	
--	--	<0.01	<0.01	<0.5	--	0.20	--	KE Be 53
--	--	<0.01	<0.01	--	--	<0.10	--	KE Be 59
1.5	0.17	--	--	--	<0.05	--	<0.05	
--	--	--	--	<0.5	--	0.10	--	KE Be 60
--	--	--	--	--	--	<0.10	--	
--	--	<0.01	<0.01	<0.5	--	<0.10	--	KE Be 61
--	--	--	--	--	--	<0.10	--	
0.06	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
--	--	<0.01	<0.01	<0.5	--	<0.10	--	KE Be 62
0.92	0.18	--	--	--	<0.05	--	<0.05	
0.94	0.38	--	--	--	<0.05	--	<0.05	
1.0	0.19	--	--	--	<0.05	--	<0.05	
0.86	0.19	--	--	--	<0.05	--	<0.05	
0.26	0.06	--	--	--	<0.05	--	<0.05	
1.0	0.37	--	--	--	<0.05	--	<0.05	
0.93	0.41	--	--	--	<0.05	--	<0.05	
0.75	0.28	--	--	--	<0.05	--	<0.05	
0.94	0.39	--	--	--	<0.05	--	<0.05	

Table 10. — Chemical analyses of pesticides in ground water from selected wells in Kent County—Continued

Well number	Date	Metribuzin, total (µg/L)	Picloram (Tordon) (Amdon), total (µg/L)	Prometon, diss. (µg/L)	Prometone, total (µg/L)	Prometryne, diss. (µg/L)	Prometryne, total (µg/L)	Propazine, diss. (µg/L)	Propazine, total (µg/L)
KE Bd 39	06-13-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
KE Bd 42	09-07-88	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
KE Be 46	07-18-88	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
KE Be 47	07-13-88	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
KE Be 49	11-30-88	<0.10	--	--	<0.10	--	<0.10	--	<0.10
	09-20-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	06-04-90	<0.10	--	--	<0.10	--	<0.10	--	<0.10
KE Be 50	11-28-88	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	09-20-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	06-05-90	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	11-19-90	--	--	<0.05	--	<0.05	--	<0.05	--
	04-23-91	--	--	<0.05	--	<0.05	--	<0.05	--
	05-28-91	--	--	<0.05	--	<0.05	--	<0.05	--
	06-25-91	--	--	0.05	--	<0.05	--	<0.05	--
	07-22-91	--	--	<0.05	--	<0.05	--	<0.05	--
	08-20-91	--	--	<0.05	--	<0.05	--	<0.05	--
	09-16-91	--	--	<0.05	--	<0.05	--	<0.05	--
	10-15-91	--	--	<0.05	--	<0.05	--	<0.05	--
	11-14-91	--	--	<0.05	--	<0.05	--	<0.05	--
	12-09-91	--	--	<0.05	--	<0.05	--	<0.05	--
	01-06-92	--	--	<0.05	--	<0.05	--	<0.05	--
	02-03-92	--	--	<0.05	--	<0.05	--	<0.05	--
	03-02-92	--	--	<0.05	--	<0.05	--	<0.05	--
	03-31-92	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 51	09-19-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	06-04-90	<0.10	--	--	<0.10	--	<0.10	--	<0.10
KE Be 52	11-30-88	<0.10	--	--	<0.10	--	<0.10	--	<0.10
	04-05-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	06-14-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	06-05-90	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	11-05-90	--	--	<0.05	--	<0.05	--	<0.05	--
	03-04-91	--	--	<0.05	--	<0.05	--	<0.05	--
	04-23-91	--	--	<0.05	--	<0.05	--	<0.05	--
	05-28-91	--	--	<0.05	--	<0.05	--	<0.05	--
	06-25-91	--	--	<0.05	--	<0.05	--	<0.05	--
	07-22-91	--	--	<0.05	--	<0.05	--	<0.05	--
	08-20-91	--	--	<0.05	--	<0.05	--	<0.05	--
	09-16-91	--	--	<0.05	--	<0.05	--	<0.05	--
	10-15-91	--	--	<0.05	--	<0.05	--	<0.05	--
	11-14-91	--	--	<0.05	--	<0.05	--	<0.05	--
	12-09-91	--	--	<0.05	--	<0.05	--	<0.05	--
	01-06-92	--	--	<0.05	--	<0.05	--	<0.05	--
	02-03-92	--	--	<0.05	--	<0.05	--	<0.05	--
	03-02-92	--	--	<0.05	--	<0.05	--	<0.05	--
	03-31-92	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 53	06-05-90	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
KE Be 59	06-04-90	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	11-19-90	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 60	09-20-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	06-07-90	<0.10	--	--	<0.10	--	<0.10	--	<0.10
KE Be 61	07-06-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	06-05-90	<0.10	--	--	<0.10	--	<0.10	--	<0.10
	11-05-90	--	--	<0.05	--	<0.05	--	<0.05	--
	03-04-91	--	--	<0.05	--	<0.05	--	<0.05	--
	06-05-91	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 62	06-06-90	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	11-06-90	--	--	<0.05	--	<0.05	--	<0.05	--
	03-04-91	--	--	<0.05	--	<0.05	--	<0.05	--
	04-23-91	--	--	<0.05	--	<0.05	--	<0.05	--
	05-28-91	--	--	<0.05	--	<0.05	--	<0.05	--
	09-16-91	--	--	<0.05	--	<0.05	--	<0.05	--
	10-15-91	--	--	<0.05	--	<0.05	--	<0.05	--
	11-14-91	--	--	<0.05	--	<0.05	--	<0.05	--
	12-09-91	--	--	<0.05	--	<0.05	--	<0.05	--
	01-06-92	--	--	<0.05	--	<0.05	--	<0.05	--

Propham, total (µg/L)	Sevin, total (µg/L)	Silvex, total (µg/L)	Simazine, diss. (µg/L)	Simazine, total (µg/L)	Simetryne, total (µg/L)	2,4,5-T, total (µg/L)	Trifluralin, total (µg/L)	Well number
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Bd 39
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Bd 42
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Be 46
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Be 47
<0.5	<0.5	--	--	<0.10	<0.10	--	<0.10	KE Be 49
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	
--	--	--	--	<0.10	<0.10	--	<0.10	
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Be 50
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	
--	--	<0.01	--	<0.10	<0.10	<0.01	<0.10	
--	--	--	0.06	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	0.06	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	0.05	--	--	--	--	
--	--	--	0.05	--	--	--	--	
--	--	--	0.06	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Be 51
--	--	--	--	<0.10	<0.10	--	<0.10	
<0.5	<0.5	--	--	<0.10	<0.10	--	<0.10	KE Be 52
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
<0.5	<0.5	<0.01	--	0.40	<0.10	<0.01	<0.10	KE Be 53
--	--	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Be 59
--	--	--	<0.05	--	--	--	--	
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Be 60
--	--	--	--	<0.10	<0.10	--	<0.10	
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Be 61
--	--	--	--	<0.10	<0.10	--	<0.10	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
<0.5	<0.5	<0.01	--	0.10	<0.10	<0.01	<0.10	KE Be 62
--	--	--	0.19	--	--	--	--	
--	--	--	0.30	--	--	--	--	
--	--	--	0.31	--	--	--	--	
--	--	--	0.22	--	--	--	--	
--	--	--	0.28	--	--	--	--	
--	--	--	0.31	--	--	--	--	
--	--	--	0.29	--	--	--	--	
--	--	--	0.22	--	--	--	--	
--	--	--	0.24	--	--	--	--	

Table 10. — Chemical analyses of pesticides in ground water from selected wells in Kent County—Continued

Well number	Date	Alachlor, diss. (µg/L)	Alachlor, total (µg/L)	Ametryne, diss. (µg/L)	Ametryne, total (µg/L)	Atrazine, diss. (µg/L)	Atrazine, total (µg/L)	Cyanazine, diss. (µg/L)	Cyanazine, total (µg/L)	2,4-D, total (µg/L)
KE Be 62	02-03-92	<0.05	--	<0.05	--	0.41	--	<0.20	--	--
	03-02-92	<0.05	--	<0.05	--	0.25	--	<0.20	--	--
	03-31-92	<0.05	--	<0.05	--	0.34	--	<0.20	--	--
KE Be 63	09-07-89	--	<0.10	--	<0.10	--	<0.1	--	<0.10	<0.01
	06-06-90	--	<0.10	--	<0.10	--	<0.1	--	<0.10	--
	11-06-90	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 64	09-07-89	--	0.10	--	<0.10	--	<0.1	--	<0.10	<0.01
	06-06-90	--	<0.10	--	<0.10	--	<0.1	--	<0.10	<0.01
	11-06-90	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	04-23-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	05-28-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 65	06-13-89	--	<0.10	--	<0.10	--	11	--	<0.10	<0.01
KE Be 159	11-07-90	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	03-05-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	06-04-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 160	03-05-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	04-23-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	05-28-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	06-25-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	07-22-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	08-20-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	09-16-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	10-15-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	11-13-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	12-09-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	01-06-92	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	02-03-92	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	03-02-92	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	03-31-92	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 161	11-07-90	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	03-05-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	06-04-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 162	11-06-90	0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	03-04-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	06-05-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 163	11-06-90	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	03-04-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	06-05-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 164	11-19-90	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 165	11-07-90	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 167	11-07-90	<0.05	--	<0.05	--	0.05	--	<0.20	--	--
KE Be 169	03-05-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	05-29-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 170	03-05-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
	05-29-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 174	10-15-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Be 175	10-15-91	<0.05	--	<0.05	--	<0.05	--	<0.20	--	--
KE Bg 36	07-05-89	--	<0.10	--	<0.10	--	0.2	--	<0.10	<0.01

Deethyl atrazine, diss. (µg/L)	Deisopropyl atrazine, diss. (µg/L)	Dicamba (Mediben) (Banvel D), total (µg/L)	2,4-DP, total (µg/L)	Methomyl, total (µg/L)	Metolachlor, diss. (µg/L)	Metolachlor, total (µg/L)	Metribuzin sencor, diss. (µg/L)	Well number
1.1	0.44	--	--	--	<0.05	--	<0.05	KE Be 62
0.52	0.23	--	--	--	<0.05	--	<0.05	
0.98	0.41	--	--	--	<0.05	--	<0.05	
--	--	<0.01	<0.01	<0.5	--	<0.10	--	KE Be 63
--	--	--	--	<0.5	--	<0.10	--	
<0.05	<0.05	--	--	--	0.10	--	<0.05	
--	--	<0.01	<0.01	<0.5	--	0.20	--	KE Be 64
--	--	<0.01	<0.01	<0.5	--	0.20	--	
0.52	0.15	--	--	--	0.18	--	<0.05	
0.46	0.07	--	--	--	0.28	--	<0.05	
0.50	0.12	--	--	--	0.18	--	<0.05	
--	--	<0.01	<0.01	<0.5	--	0.50	--	KE Be 65
<0.05	<0.05	--	--	--	<0.05	--	<0.05	KE Be 159
0.11	0.14	--	--	--	1.9	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	KE Be 160
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
0.46	<0.05	--	--	--	<0.05	--	<0.05	KE Be 161
0.72	<0.05	--	--	--	<0.05	--	<0.05	
0.21	<0.05	--	--	--	<0.05	--	<0.05	
0.06	<0.05	--	--	--	<0.05	--	<0.05	KE Be 162
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
0.19	<0.05	--	--	--	<0.05	--	<0.05	KE Be 163
0.18	<0.05	--	--	--	<0.05	--	<0.05	
0.15	<0.05	--	--	--	<0.05	--	<0.05	
0.05	<0.05	--	--	--	<0.05	--	<0.05	KE Be 164
<0.05	<0.05	--	--	--	<0.05	--	<0.05	KE Be 165
0.09	<0.05	--	--	--	<0.05	--	<0.05	KE Be 167
<0.05	0.05	--	--	--	<0.05	--	<0.05	KE Be 169
0.20	<0.05	--	--	--	2.1	--	<0.05	
<0.05	<0.05	--	--	--	<0.19	--	<0.05	KE Be 170
<0.05	<0.05	--	--	--	<0.05	--	<0.05	
<0.05	<0.05	--	--	--	<0.05	--	<0.05	KE Be 174
<0.05	<0.05	--	--	--	<0.05	--	<0.05	KE Be 175
--	--	<0.01	<0.01	<0.5	--	<0.10	--	KE Bg 36

Table 10. — Chemical analyses of pesticides in ground water from selected wells in Kent County—Continued

Well number	Date	Metribuzin, total (µg/L)	Picloram (Tordon) (Amdon), total (µg/L)	Prometon, diss. (µg/L)	Prometone, total (µg/L)	Prometryne, diss. (µg/L)	Prometryne, total (µg/L)	Propazine, diss. (µg/L)	Propazine, total (µg/L)
KE Be 62	02-03-92	--	--	<0.05	--	<0.05	--	<0.05	--
	03-02-92	--	--	<0.05	--	<0.05	--	<0.05	--
	03-31-92	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 63	09-07-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	06-06-90	<0.10	--	--	<0.10	--	<0.10	--	<0.10
	11-06-90	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 64	09-07-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	06-06-90	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
	11-06-90	--	--	<0.05	--	<0.05	--	<0.05	--
	04-23-91	--	--	<0.05	--	<0.05	--	<0.05	--
	05-28-91	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 65	06-13-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10
KE Be 159	11-07-90	--	--	<0.05	--	<0.05	--	<0.05	--
	03-05-91	--	--	<0.05	--	<0.05	--	<0.05	--
	06-04-91	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 160	03-05-91	--	--	<0.05	--	<0.05	--	<0.05	--
	04-23-91	--	--	<0.05	--	<0.05	--	<0.05	--
	05-28-91	--	--	<0.05	--	<0.05	--	<0.05	--
	06-25-91	--	--	<0.05	--	<0.05	--	<0.05	--
	07-22-91	--	--	<0.05	--	<0.05	--	<0.05	--
	08-20-91	--	--	<0.05	--	<0.05	--	<0.05	--
	09-16-91	--	--	0.13	--	<0.05	--	<0.05	--
	10-15-91	--	--	<0.05	--	<0.05	--	<0.05	--
	11-13-91	--	--	<0.05	--	<0.05	--	<0.05	--
	12-09-91	--	--	<0.05	--	<0.05	--	<0.05	--
	01-06-92	--	--	<0.05	--	<0.05	--	<0.05	--
	02-03-92	--	--	<0.05	--	<0.05	--	<0.05	--
	03-02-92	--	--	<0.05	--	<0.05	--	<0.05	--
	03-31-92	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 161	11-07-90	--	--	<0.05	--	<0.05	--	<0.05	--
	03-05-91	--	--	<0.05	--	<0.05	--	<0.05	--
	06-04-91	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 162	11-06-90	--	--	<0.05	--	<0.05	--	<0.05	--
	03-04-91	--	--	<0.05	--	<0.05	--	<0.05	--
	06-05-91	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 163	11-06-90	--	--	<0.05	--	<0.05	--	<0.05	--
	03-04-91	--	--	<0.05	--	<0.05	--	<0.05	--
	06-05-91	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 164	11-19-90	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 165	11-07-90	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 167	11-07-90	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 169	03-05-91	--	--	<0.05	--	<0.05	--	<0.05	--
	05-29-91	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 170	03-05-91	--	--	<0.05	--	<0.05	--	<0.05	--
	05-29-91	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 174	10-15-91	--	--	<0.05	--	<0.05	--	<0.05	--
KE Be 175	10-15-91	--	--	<0.05	--	<0.05	--	<0.05	--
KE Bg 36	07-05-89	<0.10	<0.01	--	<0.10	--	<0.10	--	<0.10

Propham, total (µg/L)	Sevin, total (µg/L)	Silvex, total (µg/L)	Simazine, diss. (µg/L)	Simazine, total (µg/L)	Simetryne, total (µg/L)	2,4,5-T, total (µg/L)	Trifluralin, total (µg/L)	Well number
--	--	--	0.26	--	--	--	--	KE Be 62
--	--	--	0.16	--	--	--	--	
--	--	--	0.22	--	--	--	--	
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Be 63
<0.5	<0.5	--	--	<0.10	<0.10	--	<0.10	
--	--	--	<0.05	--	--	--	--	
<0.5	<0.5	<0.01	--	0.10	<0.10	<0.01	<0.10	KE Be 64
<0.5	<0.5	<0.01	--	0.10	<0.10	<0.01	<0.10	
--	--	--	0.10	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	0.06	--	--	--	--	
<0.5	<0.5	<0.01	--	0.20	<0.10	<0.01	<0.10	KE Be 65
--	--	--	<0.05	--	--	--	--	KE Be 159
--	--	--	0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	KE Be 160
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	KE Be 161
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	KE Be 162
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	KE Be 163
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	KE Be 164
--	--	--	<0.05	--	--	--	--	KE Be 165
--	--	--	<0.05	--	--	--	--	KE Be 167
--	--	--	<0.05	--	--	--	--	KE Be 169
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	KE Be 170
--	--	--	<0.05	--	--	--	--	
--	--	--	<0.05	--	--	--	--	KE Be 174
--	--	--	<0.05	--	--	--	--	KE Be 175
<0.5	<0.5	<0.01	--	<0.10	<0.10	<0.01	<0.10	KE Bg 36

Table 11. — Chemical analyses of volatile-organic compounds in ground water from selected wells in Kent County

[µg/L = micrograms per liter; - - = data not collected; < = less than; All analyses are for total constituents]

Well number	Date	Benzene (µg/L)	Bromobenzene (µg/L)	Bromoform (µg/L)	Carbon tetrachloride (µg/L)	Chlorobenzene (µg/L)	o-Chlorobenzene (µg/L)	Chlorodibromomethane (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	o-Chlorotoluene (µg/L)	1,2-Dibromoethane (µg/L)
KE Bd 39	06-13-89	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2
KE Bd 42	09-07-88	<0.2	--	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	--	<0.2
KE Be 46	07-18-88	<0.2	--	<0.2	<0.2	<0.20	<0.20	<0.2	<1.0	<0.2	--	--
KE Be 47	07-13-88	<0.2	--	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	--	--
KE Be 52	06-14-89	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 61	07-06-89	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 63	09-07-89	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 64	09-07-89	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 65	06-13-89	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2
KE Bg 36	07-05-89	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2

Well number	1,2-Dibromoethylene (µg/L)	Dibromomethane (µg/L)	1,3-Dichlorobenzene (µg/L)	1,4-Dichlorobenzene (µg/L)	Dichlorobromomethane (µg/L)	Dichlorodifluoromethane (µg/L)	1,1-Dichloroethane (µg/L)	1,2-Dichloroethane (µg/L)	1,2-Dichloroethene (µg/L)	1,1-Dichloroethylene (µg/L)	1,2-Dichloropropane (µg/L)	1,3-Dichloropropane (µg/L)
KE Bd 39	--	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Bd 42	--	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	--	<0.2	<0.2	--
KE Be 46	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	--	<0.2	<0.2	--
KE Be 47	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	--	<0.2	<0.2	--
KE Be 52	--	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 61	--	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 63	--	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 64	--	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 65	--	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Bg 36	--	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Well number	2,2-Dichloropropane (µg/L)	1,1-Dichloropropene (µg/L)	cis-1,3-Dichloropropene (µg/L)	trans-1,3-Dichloropropene (µg/L)	Ethylbenzene (µg/L)	Methylbromide (µg/L)	Methylchloride (µg/L)	Methylenechloride (µg/L)	Styrene (µg/L)	1,1,1,2-Tetrachloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	Tetrachloroethylene (µg/L)
KE Bd 39	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Bd 42	--	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--	<0.2	<0.2
KE Be 46	--	--	<0.2	<0.2	<0.2	<1.0	<1.0	<0.3	<0.2	--	<0.2	<0.2
KE Be 47	--	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--	<0.2	<0.2
KE Be 52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 61	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 63	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 64	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Be 65	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
KE Bg 36	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Well number	Toluene (µg/L)	Toluene p-chlor (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	Trichloroethylene (µg/L)	Trichlorofluoromethane (µg/L)	1,2,3-Trichloropropane (µg/L)	Vinyl chloride (µg/L)	Xylene (µg/L)
KE Bd 39	<0.2	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20
KE Bd 42	<0.2	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20
KE Be 46	<0.2	--	<0.2	<0.2	<0.2	<0.2	<0.2	<1.0	<0.20
KE Be 47	<0.2	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20
KE Be 52	<0.2	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20
KE Be 61	<0.2	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20
KE Be 63	<0.2	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20
KE Be 64	<0.2	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20
KE Be 65	<0.2	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20
KE Bg 36	<0.2	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20

Table 12. — Chemical analysis of major constituents from selected streams in Kent County

[mg/L = milligrams per liter; - - = data not collected; < = less than; deg C = degrees Celsius; ft^3/s = cubic feet per second; µS/cm = microsiemens per centimeter; pCi/L = picocuries per liter]

Station number	Station name	Date	Discharge, instantaneous (ft^3/s)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (deg C)	Oxygen, dissolved (mg/L)	Hardness, total (mg/L as $CaCO_3$)
01493110	Chester River tributary at Chesterville	06-07-90	--	145	6.4	17.0	9.2	59
		11-05-90	0.75	136	6.5	13.5	8.5	59
		03-06-91	1.0	169	6.6	12.0	12.4	60
		04-23-91	--	167	6.5	15.5	11.6	--
		05-28-91	1.0	172	6.6	20.0	11.0	60
		05-29-91	--	163	6.3	20.0	--	--
		06-25-91	0.67	137	6.5	16.5	8.2	--
		07-22-91	0.75	162	6.1	21.0	7.9	--
		08-19-91	0.64	--	--	19.5	--	--
		09-16-91	0.55	167	6.7	18.5	9.7	--
		10-15-91	0.51	175	6.1	13.0	5.7	62
		10-17-91	--	56	6.9	9.0	--	--
		11-14-91	1.3	223	6.2	7.5	9.8	--
		12-09-91	0.51	171	6.3	12.0	8.1	--
		01-06-92	0.54	174	5.5	9.0	11.8	--
		03-02-92	0.55	171	5.9	9.0	13.5	--
		02-03-92	0.46	176	6.7	5.0	16.5	--
		03-30-92	0.77	175	6.3	10.0	12.8	--
		05-08-92	--	90	5.7	11.0	--	--
01493112	Chester River tributary near Crumpton	11-06-90	4.9	138	6.6	13.0	7.8	50
		03-01-91	6.7	153	7.1	9.0	12.6	52
		05-29-91	6.4	148	6.5	24.0	8.2	52
		10-02-91	--	154	6.7	15.0	7.3	--
		10-02-91	--	143	6.2	16.5	9.9	--
		10-17-91	--	154	6.6	10.5	--	--
		10-22-91	4.6	143	6.2	13.5	10.6	57
01492971	Cypress Branch near Millington	11-08-90	0.24	77	6.1	9.0	3.3	35
		03-06-91	14	78	6.0	11.0	11.6	21
		06-06-91	0.15	102	6.6	20.5	1.0	37
		10-22-91	0.00	241	5.5	17.5	9.6	99
		10-02-91	--	271	5.7	16.5	5.5	--
		10-02-91	--	273	5.4	18.0	8.6	--
01492972	Jason Branch near Massey	03-12-91	1.1	48	4.9	4.0	11.4	10
01493109	Justin Branch near Chesterville	03-06-91	0.15	205	6.1	12.0	9.6	74
		05-30-91	0.12	207	6.1	20.0	7.0	74
01492990	Mills Branch near Millington	06-06-91	3.0	248	7.6	17.0	6.6	110
01494035	Mill Pond outlet near Langford	06-07-91	3.1	122	7.0	19.0	6.8	47
01493493	Morgan Creek at Harmony Corner	09-10-92	0.07	103	6.3	20.5	6.5	--
01493490	Morgan Creek at Blacks	06-07-90	--	150	--	23.0	6.4	48
		03-06-91	<0.01	149	6.8	11.5	13.6	50
		05-30-91	0.01	192	6.6	24.0	0.4	60
		10-11-91	--	222	7.1	16.5	5.3	--
01493500	Morgan Creek near Kennedyville	07-20-73	7.8	116	6.8	21.0	--	43
		08-10-73	7.3	115	7.2	22.0	--	39
		09-05-73	6.3	114	7.1	22.0	--	39
		10-12-73	6.7	118	7.2	13.0	--	40
		11-07-73	7.1	130	7.0	4.0	--	43
		01-11-74	28	136	6.7	2.0	--	43
		02-15-74	10	142	7.0	2.0	--	37
		03-15-74	7.1	132	7.1	2.0	--	40
		06-24-74	9.7	126	7.0	17.5	7.2	43
		07-24-74	5.3	116	7.1	18.0	8.3	40
		08-23-74	6.3	117	7.1	21.5	7.5	29
		09-24-74	4.8	117	7.3	11.0	--	33
		12-04-74	10	130	7.8	2.5	11.2	37
		01-06-75	6.4	127	6.2	1.0	11.9	41
		01-22-75	10	134	6.4	1.5	12.8	41
		03-07-75	9.0	120	6.5	8.0	11.7	37
		04-17-75	9.8	127	7.2	9.0	13.5	36
		05-21-75	9.6	126	7.4	20.5	8.3	18
		08-14-75	25	109	6.9	21.5	7.0	30
		10-09-75	9.0	131	7.1	14.0	10.9	43
		10-30-75	8.8	138	6.9	10.5	10.5	54
		11-24-75	8.7	138	6.7	6.5	12.3	42
		12-24-75	8.5	134	6.6	1.0	8.5	42

Calcium, dis-solved (mg/L as Ca)	Magne-sium, dis-solved (mg/L as Mg)	Sodium, dis-solved (mg/L as Na)	Potas-sium, dis-solved (mg/L as K)	Alka-linity, total (mg/L as $CaCO_3$)	Sulfate, dis-solved (mg/L as SO_4)	Chlo-ride, dis-solved (mg/L as Cl)	Fluo-ride, dis-solved (mg/L as F)	Bromide, dis-solved (mg/L as Br)	Silica, dis-solved (mg/L as SiO_2)	Solids, sum of consti-tuents, dis-solved (mg/L)	Radon 222, total (pCi/L)	Station number
14	5.9	4.3	2.5	29	6.1	13	<0.10	0.02	9.9	114	<80	01493110
14	5.9	4.4	2.9	16	6.5	13	<0.10	0.02	11	109	98	
14	6.0	4.4	2.9	15	12	12	<0.10	0.02	8.8	110	96	
--	--	--	--	--	--	--	--	--	--	--	--	
14	6.0	4.4	3.8	--	9.7	15	<0.10	0.02	11	115	--	
--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	
15	6.0	4.5	4.5	13	6.3	14	0.10	0.03	11	110	--	
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14	3.6	5.4	3.1	26	3.0	12	<0.10	0.01	11	96	<80	01493112
14	4.0	5.1	2.8	20	5.4	13	<0.10	0.02	9.5	97	--	
14	4.0	5.2	2.9	24	3.2	12	<0.10	0.01	11	94	--	
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14	5.3	6.4	3.2	19	8.1	17	0.20	0.02	15	102	--	
7.6	3.8	5.0	4.0	12	12	12	0.10	0.02	16	70	--	01492971
4.7	2.3	5.1	1.8	5	13	8.7	<0.10	0.03	11	51	--	
8.1	4.0	5.6	2.5	28	3.0	12	0.20	0.07	17	75	--	
23	10	8.0	6.4	5	110	9.9	<0.10	<0.01	25	198	--	
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2.1	1.2	3.5	0.90	<1	8.5	5.0	<0.10	0.02	11	34	--	01492972
15	8.7	4.4	3.6	10	18	16	<0.10	0.02	7.7	129	--	01493109
15	8.7	5.0	3.7	14	11	16	<0.10	0.02	10	127	--	
37	4.3	5.6	3.0	92	14	14	0.30	<0.01	19	158	--	01492990
12	4.1	3.9	2.4	36	4.2	9.9	0.20	<0.01	9.1	72	--	01494035
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12	4.3	6.0	3.6	35	7.8	13	<0.10	<0.01	8.3	101	<80	01493490
12	4.8	6.2	2.3	18	12	13	<0.10	0.02	3.5	84	--	
14	5.9	7.2	2.1	38	11	12	<0.10	0.02	10	105	--	
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12	3.1	4.4	2.8	34	2.8	8.0	0.30	--	11	72	--	01493500
11	2.9	4.4	3.0	33	3.7	7.9	0.30	--	11	71	--	
11	2.9	4.5	2.8	34	3.5	7.8	0.30	--	12	72	--	
11	3.1	4.0	2.3	34	3.5	8.8	0.30	--	9.1	62	--	
11	3.7	4.3	3.6	34	5.2	10	0.30	--	10	69	--	
11	3.7	4.1	5.5	25	14	11	0.20	--	5.4	70	--	
10	3.0	4.3	3.1	28	6.0	9.8	0.10	--	7.1	60	--	
11	3.1	4.5	2.3	30	4.1	8.4	0.10	--	7.4	59	--	
12	3.2	4.0	3.8	32	6.6	8.2	0.20	--	9.8	67	--	
11	3.0	10	2.9	34	4.5	8.4	0.10	--	11	71	--	
7.5	2.5	21	3.2	29	3.8	8.0	0.20	--	10	73	--	
9.3	2.4	4.5	2.8	30	3.0	8.2	0.20	--	11	59	--	
9.5	3.2	7.0	3.0	28	6.6	7.7	0.10	--	8.2	62	--	
11	3.2	4.5	2.4	28	4.8	9.2	0.10	--	11	63	--	
11	3.4	4.5	4.8	25	7.6	9.2	<0.10	--	9.3	65	--	
10	2.8	4.5	2.8	29	4.9	9.6	0.20	--	8.2	60	--	
11	2.1	4.3	2.8	26	5.2	11	0.20	--	7.2	60	--	
4.9	1.4	6.8	1.8	28	4.8	9.4	0.20	--	13	59	--	
8.4	2.3	2.9	5.4	23	6.7	5.7	0.10	--	7.6	53	--	
12	3.2	4.0	4.7	37	4.8	10	0.10	--	11	72	--	
15	4.1	4.3	4.1	39	3.8	9.8	0.10	--	12	76	--	
12	3.0	4.5	4.0	33	5.0	10	0.10	--	12	70	--	
11	3.5	4.7	2.5	30	5.6	9.7	0.20	--	13	68	--	

Table 12. — Chemical analysis of major constituents from selected streams in Kent County — Continued

Station number	Station Name	Date	Discharge, instantaneous (ft^3/s)	Specific conductance ($\mu S/cm$)	pH (standard units)	Temperature, water (deg C)	Oxygen, dissolved (mg/l)	Hardness, total (mg/L as $CaCO_3$)
01493500	Morgan Creek near Kennedyville	01-26-76	12	120	6.7	2.5	10.8	36
		02-25-76	9.0	117	7.0	8.0	11.3	36
		03-24-76	8.0	120	7.1	7.0	12.1	38
		04-23-76	6.5	125	7.4	16.5	8.0	45
		05-25-76	4.5	97	7.4	15.0	8.1	37
		06-25-76	4.4	126	7.0	23.0	7.0	40
		07-21-76	4.6	117	6.8	21.5	7.2	39
		08-26-76	3.8	119	6.8	23.0	7.5	38
		09-23-76	3.6	128	6.9	13.0	--	43
		10-22-76	9.4	141	6.5	8.0	8.8	41
		11-18-76	6.1	124	6.9	4.0	--	46
		12-21-76	8.7	119	7.0	1.5	12.4	40
		01-14-77	8.3	130	7.3	1.0	--	41
		02-23-77	5.4	144	6.9	3.0	12.6	48
		03-23-77	27	120	6.9	11.0	10.5	39
		04-26-77	7.4	115	7.4	--	7.7	50
		05-23-77	2.9	125	7.5	30.0	7.1	40
		06-23-77	2.1	--	7.4	17.5	7.4	39
		07-25-77	1.9	119	6.6	22.0	6.5	39
		08-23-77	2.7	130	7.5	20.0	7.5	42
		09-22-77	2.5	150	7.3	18.0	9.0	42
		10-25-77	2.8	118	7.4	10.5	10.9	45
		11-22-77	4.5	120	7.3	7.0	8.7	44
		12-27-77	7.8	148	7.2	0.5	12.6	49
		01-24-78	8.3	122	6.8	5.0	13.4	41
		02-22-78	7.2	123	6.8	1.5	11.4	44
		03-23-78	8.3	86	7.2	10.5	10.4	41
		04-24-78	7.3	109	7.0	17.0	10.0	40
		05-23-78	6.2	132	6.9	20.0	7.6	44
		06-19-78	3.7	109	6.9	21.0	7.6	40
		07-24-78	3.4	120	6.9	23.0	6.9	43
		08-23-78	3.3	119	7.6	22.5	7.5	42
		09-26-78	4.0	120	6.6	14.0	--	29
		10-24-78	4.2	130	7.0	11.0	10.0	44
		12-06-78	14	160	7.6	9.5	10.4	44
		01-23-79	16	110	6.5	0.0	12.2	31
		03-06-79	81	130	6.7	12.5	8.6	39
		03-28-79	8.8	140	6.3	12.0	9.0	38
		04-24-79	7.8	--	6.4	17.5	8.3	41
		05-24-79	19	125	7.1	19.5	6.4	41
		06-25-79	5.6	125	7.4	18.0	8.2	42
		07-25-79	10	130	7.6	23.0	6.8	44
		08-28-79	11	125	7.6	22.0	5.9	41
		10-24-79	12	191	7.7	13.0	7.1	57
		12-05-79	8.2	123	5.7	6.5	11.6	38
		12-20-79	8.0	113	5.8	10.0	12.8	42
		01-24-80	9.2	131	5.8	1.0	12.4	42
		02-26-80	11	134	5.7	3.5	12.1	41
		03-18-80	13	120	6.1	10.0	9.6	41
		04-22-80	8.4	119	6.4	14.5	9.4	39
		05-28-80	6.5	114	6.4	14.5	7.8	41
		06-25-80	5.6	130	6.7	19.5	7.1	36
		07-29-80	5.6	132	6.3	22.5	6.2	45
		09-09-80	3.7	122	6.6	20.0	7.0	44
		11-05-90	6.1	157	7.0	12.0	7.4	56
		03-06-91	7.1	164	7.0	8.0	10.0	55
		05-30-91	5.8	168	6.5	25.0	6.6	63
01493495	Morgan Creek near Locust Grove	06-07-90	--	149	7.0	19.0	7.6	49
		11-06-90	1.2	160	6.5	12.0	6.4	66
		03-06-91	2.0	155	7.0	8.5	11.4	51
		05-30-91	1.4	167	6.4	20.5	7.4	62
		10-10-91	--	--	--	--	--	--
		10-17-91	--	130	6.6	10.0	--	--
		03-06-92	--	154	6.5	9.0	--	--
		05-08-92	--	117	6.0	10.5	--	--

Calcium, dis-solved (mg/L as Ca)	Magne-sium, dis-solved (mg/L as Mg)	Sodium, dis-solved (mg/L as Na)	Potas-sium, dis-solved (mg/L as K)	Alka-linity, total (mg/L as $CaCO_3$)	Sulfate, dis-solved (mg/L as SO_4)	Chlo-ride, dis-solved (mg/L as Cl)	Fluo-ride, dis-solved (mg/L as F)	Bromide, dis-solved (mg/L as Br)	Silica, dis-solved (mg/L as SiO_2)	Solids, sum of consti-tuents, dis-solved (mg/L)	Radon 222, total (pCi/L)	Station number
10	2.6	3.7	2.6	31	5.0	9.2	0.10	--	10	62	--	01493500
9.0	3.2	4.3	2.7	28	6.6	10	0.20	--	9.0	62	--	
10	3.1	4.3	2.5	28	4.7	8.8	0.10	--	6.9	57	--	
12	3.6	4.7	2.7	34	3.9	7.6	0.10	--	10	65	--	
10	3.0	4.0	2.7	25	4.7	8.7	0.10	--	12	60	--	
11	3.0	4.8	2.7	34	7.0	8.6	0.20	--	13	71	--	
11	2.7	4.0	2.7	34	4.3	7.9	0.10	--	12	65	--	
10	3.1	4.2	2.9	35	2.9	7.9	0.10	--	11	63	--	
12	3.1	4.4	3.0	35	3.3	8.6	0.10	--	12	68	--	
11	3.4	4.4	7.5	34	9.9	13	0.30	--	11	81	--	
13	3.2	4.3	3.4	34	4.5	9.1	0.10	--	12	71	--	
11	3.0	3.9	3.3	30	7.0	9.6	0.10	--	11	67	--	
11	3.3	5.1	7.0	40	7.8	11	0.10	--	11	81	--	
13	3.8	4.5	3.5	31	4.9	8.9	0.10	--	11	69	--	
11	2.9	3.9	10	23	12	11	0.10	--	6.0	71	--	
13	4.2	4.8	4.0	33	5.4	8.8	0.10	--	8.8	70	--	
12	2.4	4.5	2.9	34	4.1	7.0	0.10	--	12	66	--	
11	2.9	4.3	2.9	27	3.5	8.4	0.10	--	12	64	--	
11	2.8	4.7	3.2	29	2.8	8.7	0.10	--	12	65	--	
12	2.9	4.6	0.80	31	3.5	9.9	0.10	--	12	67	--	
12	2.9	5.0	3.7	31	3.0	9.2	0.10	--	13	68	--	
13	3.1	5.0	4.4	39	5.0	9.5	0.10	--	11	75	--	
12	3.4	5.3	4.6	34	6.3	10	0.10	--	13	75	--	
13	3.9	4.8	4.8	37	9.6	11	0.10	--	12	82	--	
11	3.2	5.0	3.5	22	7.9	10	0.10	--	11	65	--	
12	3.3	5.1	3.2	26	6.4	9.5	0.10	--	12	68	--	
11	3.2	4.7	3.8	25	8.5	9.0	0.10	--	8.2	66	--	
11	3.0	4.9	3.2	30	5.0	11	0.20	--	5.3	62	--	
12	3.5	4.7	3.0	39	5.5	10	0.10	--	10	72	--	
11	3.1	4.7	2.8	31	2.8	8.3	0.10	--	12	64	--	
12	3.2	5.0	3.4	32	6.3	8.2	0.10	--	11	70	--	
12	3.0	5.0	3.1	30	2.6	9.4	0.10	--	11	65	--	
5.9	3.5	4.7	3.3	32	4.0	9.7	0.10	--	12	63	--	
12	3.3	5.0	4.1	36	2.7	10	0.10	--	11	70	--	
11	4.1	5.2	10	31	12	15	0.10	--	8.9	85	--	
8.0	2.7	3.2	5.4	19	8.4	7.8	0.10	--	6.9	54	--	
10	3.3	4.3	4.5	23	8.7	9.9	0.10	--	8.5	63	--	
9.8	3.2	4.7	3.1	24	6.3	12	0.10	--	6.0	60	--	
11	3.4	5.9	2.8	30	3.0	9.7	0.10	--	7.3	61	--	
11	3.2	3.9	4.5	28	5.0	8.0	0.20	--	8.4	61	--	
11	3.5	5.0	3.0	34	3.6	9.9	0.10	--	12	69	--	
12	3.4	4.3	3.7	42	4.1	9.4	0.10	--	10	72	--	
11	3.3	4.5	7.0	35	4.9	11	0.20	--	10	74	--	
15	4.7	5.1	8.4	40	5.3	13	0.20	--	12	89	--	
10	3.2	5.0	4.2	34	4.9	11	0.10	--	11	70	--	
11	3.6	5.1	3.1	26	4.7	11	0.10	--	12	67	--	
11	3.6	4.6	5.4	33	9.3	12	0.10	--	8.9	75	--	
11	3.3	5.3	4.0	28	5.4	13	0.20	--	9.1	68	--	
11	3.3	5.3	3.7	30	7.0	11	0.10	--	8.0	68	--	
10	3.4	5.0	3.5	33	4.7	10	0.10	--	7.8	65	--	
11	3.4	4.8	2.7	25	4.1	9.9	0.20	--	11	62	--	
9.2	3.1	4.5	4.1	27	3.8	9.6	0.20	--	9.9	61	--	
12	3.7	5.0	3.7	33	2.5	10	0.20	--	9.9	67	--	
12	3.4	4.9	3.4	32	2.3	9.4	0.10	--	13	68	--	
14	5.1	6.7	6.3	42	4.6	18	<0.10	<0.01	10	99	<80	
14	4.9	6.6	5.0	34	12	15	<0.10	<0.01	7.7	101	<80	
16	5.5	7.4	4.0	49	3.3	16	0.10	0.01	11	101	--	
11	5.3	5.7	4.3	58	6.4	13	<0.10	<0.01	14	108	<80	01493495
17	5.7	6.2	4.3	52	4.2	16	0.10	0.01	16	107	<80	
12	5.0	6.1	3.7	29	8.1	13	<0.10	<0.01	8.8	87	<80	
15	5.8	6.8	3.4	45	4.4	15	<0.10	<0.01	15	104	--	
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Table 13. — Chemical analyses of nutrients and organic carbon from selected streams in Kent County

[mg/L = milligrams per liter; - - = data not collected; < = less than]

Station number	Station name	Date	Nitrogen, nitrate total (mg/L as N)	Nitrogen, nitrate dissolved (mg/L as N)	Nitrogen, nitrite total (mg/L as N)	Nitrogen, nitrite dissolved (mg/L as N)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)
01493110	Chester River tributary at Chesterville	06-07-90	9.19	9.19	--	0.01	--	9.20
		11-05-90	9.29	9.29	--	0.01	--	9.30
		03-06-91	9.20	--	--	<0.01	--	9.20
		04-23-91	8.50	--	--	<0.01	--	8.50
		05-28-91	9.17	9.17	--	0.03	--	9.20
		05-29-91	8.88	8.88	--	0.02	--	8.90
		06-25-91	8.78	8.78	--	0.02	--	8.80
		07-22-91	7.60	--	--	<0.01	--	7.60
		08-19-91	8.09	8.09	--	0.01	--	8.10
		09-16-91	10.3	10.3	--	0.05	--	10.3
		10-15-91	9.49	--	0.010	<0.01	9.50	9.60
		10-17-91	0.720	0.72	--	0.01	--	0.730
		11-14-91	9.58	9.58	--	0.02	--	9.60
		12-09-91	9.38	9.38	--	0.02	--	9.40
		01-06-92	9.59	9.59	--	0.01	--	9.60
		02-03-92	9.99	9.99	--	0.01	--	10.0
		03-02-92	10.0	--	--	<0.01	--	10.0
		03-30-92	10.0	--	--	<0.01	--	10.0
		05-08-92	2.78	2.78	--	0.02	--	2.80
01493112	Chester River tributary near Crumpton	11-06-90	6.36	6.36	--	0.04	--	6.40
		03-01-91	6.98	6.98	--	0.02	--	7.00
		05-29-91	6.17	6.17	--	0.03	--	6.20
		10-02-91	5.97	5.97	0.030	0.03	6.00	6.00
		10-02-91	5.87	5.97	0.030	0.03	5.90	6.00
		10-17-91	3.36	3.36	--	0.04	--	3.40
		10-22-91	4.99	4.79	0.010	0.01	5.00	4.80
01492971	Cypress Branch near Millington	11-08-90	0.100	--	--	<0.01	--	0.10
		03-06-91	0.220	--	--	<0.01	--	0.22
		06-06-91	0.140	0.14	--	0.01	--	0.15
		10-22-91	0.210	--	<0.010	<0.01	0.210	0.19
		10-02-91	0.096	--	<0.010	<0.01	0.096	0.11
		10-02-91	0.080	--	<0.010	<0.01	0.080	0.08
01492972	Jason Branch near Massey	03-12-91	--	--	--	<0.01	--	<0.05
01493109	Justin Branch near Chesterville	03-06-91	11.0	11.0	--	0.01	--	11.0
		05-30-91	10.9	10.9	--	0.13	--	11.0
01492990	Mills Branch near Millington	06-06-91	1.04	1.04	--	0.06	--	1.10
01494035	Mill Pond outlet near Langford	06-07-91	0.940	0.94	--	0.02	--	0.96
01493493	Morgan Creek at Harmony Corner	09-10-92	2.40	--	--	<0.01	--	2.40
01493490	Morgan Creek at Blacks	06-07-90	5.05	5.05	--	0.15	--	5.20
		03-06-91	4.38	4.38	--	0.02	--	4.40
		05-30-91	3.61	3.61	--	0.09	--	3.70
		10-11-91	--	--	--	0.02	--	<0.05
01493500	Morgan Creek near Kennedyville	07-20-73	--	1.60	--	--	--	--
		08-10-73	--	1.60	--	--	--	--
		09-05-73	--	1.50	--	--	--	--
		10-12-73	1.60	--	0.004	--	1.60	--
		11-07-73	1.39	--	0.006	--	1.40	--
		01-11-74	1.99	--	0.010	--	2.00	--
		02-15-74	1.56	--	0.040	--	1.60	--
		03-15-74	1.90	--	<0.010	--	1.90	--
		06-24-74	1.40	--	--	--	1.40	--
		07-24-74	2.40	--	--	--	2.40	--
		08-23-74	1.10	--	--	--	1.10	--
		09-24-74	0.880	--	--	--	0.880	--
		12-04-74	1.20	--	--	--	1.20	--
		01-06-75	1.90	--	--	--	1.90	--
		01-22-75	1.90	--	--	--	1.90	--
		03-07-75	1.90	--	--	--	1.90	--
		04-17-75	1.80	--	--	--	1.80	--
		05-21-75	1.90	--	--	--	1.90	--
		08-14-75	0.990	--	--	--	0.990	--
		10-09-75	1.30	--	--	--	1.30	--
		10-30-75	1.10	--	--	--	1.10	--
		11-24-75	1.80	--	--	--	1.80	--
		12-24-75	2.20	--	--	--	2.20	--

Nitrogen, ammonia total (mg/L as N)	Nitrogen, ammonia dissolved (mg/L as N)	Nitrogen, ammonia + organic total (mg/L as N)	Nitrogen, ammonia + organic dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus ortho, total (mg/L as P)	Phosphorus ortho, dissolved (mg/L as P)	Carbon, organic dissolved (mg/L as C)	Station number
--	<0.01	--	0.50	--	--	<0.01	1.2	01493110
--	0.01	--	0.90	--	--	0.02	1.5	
--	0.02	--	0.70	--	--	<0.01	1.2	
--	0.03	--	0.50	--	--	<0.01	--	
--	0.05	--	0.70	--	--	<0.01	1.7	
--	0.08	--	0.50	--	--	<0.01	--	
--	0.05	--	0.50	--	--	<0.01	--	
--	0.04	--	1.3	--	--	0.04	--	
--	0.03	--	0.80	--	--	0.02	--	
--	0.04	--	0.50	--	--	0.03	--	
0.020	<0.01	<0.20	--	0.06	0.02	<0.01	5.2	
--	0.07	--	0.90	--	--	0.52	--	
--	0.05	--	0.60	--	--	0.18	--	
--	0.02	--	<0.20	--	--	0.01	--	
--	0.01	--	<0.20	--	--	<0.01	--	
--	<0.01	--	<0.20	--	--	<0.01	--	
--	0.02	--	<0.20	--	--	<0.01	--	
--	0.04	--	<0.20	--	--	<0.01	--	
--	0.28	--	0.90	--	--	0.10	--	
0.110	0.09	0.40	--	0.15	0.03	0.02	--	01493112
--	1.40	--	2.8	--	--	0.23	--	
0.090	0.08	0.30	--	0.06	0.02	0.02	--	
--	0.09	--	0.60	--	--	0.04	2.2	
--	0.03	--	0.60	--	--	<0.01	1.1	
--	0.05	--	0.50	--	--	<0.01	1.4	
0.030	0.03	0.60	--	0.02	<0.01	<0.01	2.3	
--	0.04	--	0.90	--	--	0.05	12	01492971
--	0.02	--	0.60	--	--	<0.01	12	
--	0.65	--	1.3	--	--	<0.01	21	
0.070	0.06	1.0	--	0.17	0.03	0.01	4.9	
0.040	0.02	0.60	--	0.22	0.01	<0.01	--	
0.030	0.01	0.70	--	0.14	0.01	<0.01	--	
--	0.05	--	0.40	--	--	<0.01	12	01492972
--	0.10	--	0.80	--	--	<0.01	1.4	01493109
--	0.15	--	1.2	--	--	<0.01	1.5	
--	0.08	--	0.40	--	--	<0.01	3.5	01492990
--	0.05	--	0.30	--	--	<0.01	3.4	01494035
--	0.09	--	<0.20	--	--	<0.01	2.8	01493493
--	0.31	--	0.70	--	--	0.02	4.4	01493490
--	0.04	--	0.60	--	--	<0.01	3.9	
--	1.10	--	1.8	--	--	<0.01	4.1	
--	0.10	--	0.80	--	--	<0.01	10	
--	--	--	--	--	--	--	--	01493500
--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	
--	--	--	--	0.19	--	--	--	
--	--	--	--	0.17	--	--	--	
--	--	--	--	0.08	--	--	--	
--	--	--	--	0.05	--	--	--	
--	--	--	--	0.27	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.20	--	--	--	
--	--	--	--	0.12	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.13	--	--	--	
--	--	--	--	0.05	--	--	--	
--	--	--	--	0.08	--	--	--	
--	--	--	--	0.09	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.10	--	--	--	

Table 13. — Chemical analyses of nutrients and organic carbon from selected streams in Kent County — Continued

Station number	Station Name	Date	Nitrogen, nitrate total (mg/L as N)	Nitrogen, nitrate dissolved (mg/L as N)	Nitrogen, nitrite total (mg/L as N)	Nitrogen, nitrite dissolved (mg/L as N)	Nitrogen, NO_2+NO_3 total (mg/L as N)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)
01493500	Morgan Creek near Kennedyville	01-26-76	2.10	--	--	--	2.10	--
		02-25-76	2.00	--	--	--	2.00	--
		03-24-76	1.80	--	--	--	1.80	--
		04-23-76	1.70	--	--	--	1.70	--
		05-25-76	2.40	--	--	--	2.40	--
		06-25-76	1.50	--	--	--	1.50	--
		07-21-76	1.40	--	--	--	1.40	--
		08-26-76	1.20	--	--	--	1.20	--
		09-23-76	1.30	--	--	--	1.30	--
		10-22-76	0.730	--	--	--	0.730	--
		11-18-76	1.50	--	--	--	1.50	--
		12-21-76	1.40	--	--	--	1.40	--
		01-14-77	2.00	--	--	--	2.00	--
		02-23-77	1.60	--	--	--	1.60	--
		03-23-77	1.90	--	--	--	1.90	--
		04-26-77	1.10	--	--	--	1.10	--
		05-23-77	1.60	--	--	--	1.60	--
		06-23-77	1.60	--	--	--	1.60	--
		07-25-77	1.40	--	--	--	1.40	--
		08-23-77	1.20	--	--	--	1.20	--
		09-22-77	1.20	--	--	--	1.20	--
		10-25-77	1.00	--	--	--	1.00	--
		11-22-77	1.20	--	--	--	1.20	--
		12-27-77	2.10	--	--	--	2.10	--
		01-24-78	2.20	--	--	--	2.20	--
		02-22-78	2.30	--	--	--	2.30	--
		03-23-78	1.60	--	--	--	1.60	--
		04-24-78	1.60	--	--	--	1.60	--
		05-23-78	1.80	--	--	--	1.80	--
		06-19-78	1.40	--	--	--	1.40	--
		07-24-78	1.30	--	--	--	1.30	--
		08-23-78	1.50	--	--	--	1.50	--
		09-26-78	1.60	--	--	--	1.60	--
		10-24-78	1.10	--	--	--	1.10	--
		12-06-78	0.180	--	--	--	0.180	--
		01-23-79	1.70	--	--	--	1.70	--
		03-06-79	1.70	--	--	--	1.70	--
		03-28-79	1.80	--	--	--	1.80	--
		04-24-79	1.40	--	--	--	1.40	--
		05-24-79	2.20	--	--	--	2.20	--
		06-25-79	1.50	--	--	--	1.50	--
		07-25-79	1.30	--	--	--	1.30	--
		08-28-79	1.20	--	--	--	1.20	--
		10-24-79	0.890	--	--	--	0.890	--
		12-05-79	2.30	--	--	--	2.30	--
		12-20-79	2.80	--	--	--	2.80	--
		01-24-80	2.40	--	--	--	2.40	--
		02-26-80	2.40	--	--	--	2.40	--
		03-18-80	1.80	--	--	--	1.80	--
		04-22-80	2.00	--	--	--	2.00	--
		05-28-80	--	--	--	--	--	--
		06-25-80	2.20	--	--	--	2.20	--
		07-29-80	1.40	--	--	--	1.40	--
		09-09-80	1.70	--	--	--	1.70	--
		11-05-90	1.93	1.93	--	0.07	--	2.00
		03-06-91	2.97	2.97	--	0.03	--	3.00
		05-30-91	1.77	1.77	--	0.03	--	1.80
01493495	Morgan Creek near Locust Grove	06-07-90	2.96	2.96	--	0.04	--	3.00
		11-06-90	1.28	1.28	--	0.02	--	1.30
		03-06-91	2.69	2.69	--	0.01	--	2.70
		05-30-91	2.47	2.47	--	0.03	--	2.50
		10-10-91	2.37	2.37	--	0.03	--	2.40
		10-17-91	1.08	1.08	--	0.02	--	1.10
		03-06-92	2.58	2.58	--	0.02	--	2.60
		05-08-92	1.17	1.17	--	0.03	--	1.20

Nitrogen, ammonia total (mg/L as N)	Nitrogen, ammonia dissolved (mg/L as N)	Nitrogen, ammonia + organic total (mg/L as N)	Nitrogen, ammonia + organic dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho total (mg/L as P)	Phosphorus ortho, dissolved (mg/L as P)	Carbon, organic dissolved (mg/L as C)	Station number
--	--	--	--	0.08	--	--	--	01493500
--	--	--	--	0.08	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.12	--	--	--	
--	--	--	--	0.08	--	--	--	
--	--	--	--	0.08	--	--	--	
--	--	--	--	0.08	--	--	--	
--	--	--	--	0.06	--	--	--	
--	--	--	--	0.05	--	--	--	
--	--	--	--	0.13	--	--	--	
--	--	--	--	0.05	--	--	--	
--	--	--	--	0.10	--	--	--	
--	--	--	--	0.15	--	--	--	
--	--	--	--	0.08	--	--	--	
--	--	--	--	0.64	--	--	--	
--	--	--	--	0.09	--	--	--	
--	--	--	--	0.10	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.06	--	--	--	
--	--	--	--	0.06	--	--	--	
--	--	--	--	0.04	--	--	--	
--	--	--	--	0.04	--	--	--	
--	--	--	--	0.06	--	--	--	
--	--	--	--	0.11	--	--	--	
--	--	--	--	0.10	--	--	--	
--	--	--	--	0.10	--	--	--	
--	--	--	--	0.09	--	--	--	
--	--	--	--	0.04	--	--	--	
--	--	--	--	0.10	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.03	--	--	--	
--	--	--	--	0.04	--	--	--	
--	--	--	--	0.04	--	--	--	
--	--	--	--	0.08	--	--	--	
--	--	--	--	0.41	--	--	--	
--	--	--	--	0.23	--	--	--	
--	--	--	--	0.14	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.08	--	--	--	
--	--	--	--	0.33	--	--	--	
--	--	--	--	0.06	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.23	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.04	--	--	--	
--	--	--	--	0.13	--	--	--	
--	--	--	--	0.38	--	--	--	
--	--	--	--	0.11	--	--	--	
--	--	--	--	0.08	--	--	--	
--	--	--	--	0.07	--	--	--	
--	--	--	--	0.11	--	--	--	
--	--	--	--	0.06	--	--	--	
--	--	--	--	0.07	--	--	--	
--	0.15	--	0.70	--	--	0.02	4.0	
--	0.16	--	0.80	--	--	0.01	4.4	
--	0.06	--	0.60	--	--	<0.01	4.3	
--	0.03	--	0.30	--	--	<0.01	3.6	01493495
--	0.03	--	0.30	--	--	0.03	5.8	
--	0.03	--	0.40	--	--	<0.01	3.9	
--	0.05	--	0.60	--	--	<0.01	3.4	
--	0.02	--	0.30	--	--	<0.01	2.8	
--	0.10	--	0.60	--	--	0.04	11	
--	0.05	--	0.20	--	--	<0.01	--	
--	0.29	--	0.90	--	--	0.02	--	

Table 14. — Chemical analyses of trace metals from selected streams in Kent County

[µg/L = micrograms per liter; - - = data not collected; < = less than]

Station number	Station name	Date	Aluminum, dissolved (µg/L as Al)	Antimony, dissolved (µg/L as Sb)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Beryllium, dissolved (µg/L as Be)	Boron, dissolved (µg/L as B)	Cadmium, dissolved (µg/L as Cd)	Chromium, dissolved (µg/L as Cr)
01493110	Chester River tributary at Chesterville	06-07-90	<10	<1	<1	130	<0.5	<10	1.0	<5
		11-05-90	<10	<1	<1	140	<0.5	<10	<1.0	<5
		03-06-91	20	<1	<1	130	<0.5	<10	<1.0	<5
		05-28-91	<10	<1	<1	130	0.5	10	<1.0	<5
		10-15-91	10	<1	<1	150	0.7	<10	<1.0	<5
01493112	Chester River tributary near Crumpton	11-06-90	<10	<1	<1	90	<0.5	<10	<1.0	<5
		03-01-91	<10	<1	<1	90	<0.5	<10	<1.0	<5
		05-29-91	<10	<1	<1	90	<0.5	<10	<1.0	<5
		10-22-91	<10	<1	<1	78	0.5	<10	<1.0	<5
01492971	Cypress Branch near Millington	11-08-90	70	<1	<1	63	<0.5	20	<1.0	<5
		03-06-91	190	1	<1	45	<0.5	<10	1.0	<5
		06-06-91	70	<1	2	60	<0.5	20	<1.0	<5
		10-22-91	20	<1	<1	150	0.5	20	<1.0	<5
01492972	Jason Branch near Massey	03-12-91	280	<1	<1	48	0.5	<10	<1.0	<5
01493109	Justin Branch near Chesterville	03-06-91	<10	<1	<1	150	<0.5	<10	<1.0	<5
		05-30-91	<10	<1	<1	160	0.5	<10	<1.0	<5
01492990	Mills Branch near Millington	06-06-91	<10	<1	1	94	<0.5	20	<1.0	<5
01494035	Mill Pond outlet near Langford	06-07-91	<10	<1	<1	43	<0.5	10	<1.0	<5
01493490	Morgan Creek at Blacks	06-07-90	140	<1	1	90	<0.5	<10	<1.0	<5
		03-06-91	20	<1	<1	58	<0.5	<10	<1.0	<5
		05-30-91	<10	<1	1	160	<0.5	<10	<1.0	<5
01493500	Morgan Creek near Kennedyville	06-25-76	--	--	--	--	--	--	--	--
		07-21-76	--	--	--	--	--	--	--	--
		08-26-76	--	--	--	--	--	--	--	--
		09-23-76	--	--	--	--	--	--	--	--
		10-22-76	--	--	--	--	--	--	--	--
		11-18-76	--	--	--	--	--	--	--	--
		12-21-76	--	--	--	--	--	--	--	--
		01-14-77	--	--	--	--	--	--	--	--
		02-23-77	--	--	--	--	--	--	--	--
		03-23-77	--	--	--	--	--	--	--	--
		04-26-77	--	--	--	--	--	--	--	--
		05-23-77	--	--	--	--	--	--	--	--
		06-23-77	--	--	--	--	--	--	--	--
		07-25-77	--	--	--	--	--	--	--	--
		08-23-77	--	--	--	--	--	--	--	--
		09-22-77	--	--	--	--	--	--	--	--
		10-25-77	--	--	--	--	--	--	--	--
		11-22-77	--	--	--	--	--	--	--	--
		12-27-77	--	--	--	--	--	--	--	--
		01-24-78	--	--	--	--	--	--	--	--
		02-22-78	--	--	--	--	--	--	--	--
		03-23-78	--	--	--	--	--	--	--	--
		04-24-78	--	--	--	--	--	--	--	--
		05-23-78	--	--	--	--	--	--	--	--
		06-19-78	--	--	--	--	--	--	--	--
		07-24-78	--	--	--	--	--	--	--	--
		08-23-78	--	--	--	--	--	--	--	--
		09-26-78	--	--	--	--	--	--	--	--
		10-24-78	--	--	--	--	--	--	--	--
		12-06-78	--	--	--	--	--	--	--	--
		01-23-79	--	--	--	--	--	--	--	--
		03-06-79	--	--	--	--	--	--	--	--
		03-28-79	--	--	--	--	--	--	--	--
		04-24-79	--	--	--	--	--	--	--	--
		05-24-79	--	--	--	--	--	--	--	--
		06-25-79	--	--	--	--	--	--	--	--
		07-25-79	--	--	--	--	--	--	--	--
		08-28-79	--	--	--	--	--	--	--	--
		09-26-79	--	--	--	--	--	--	--	--
		10-24-79	--	--	--	--	--	--	--	--
		12-05-79	--	--	--	--	--	--	--	--
		12-20-79	--	--	--	--	--	--	--	--
		01-24-80	--	--	--	--	--	--	--	--
		02-26-80	--	--	--	--	--	--	--	--

Cobalt, dis-solved (µg/L as Co)	Copper, dis-solved (µg/L as Cu)	Iron, dis-solved (µg/L as Fe)	Lead, dis-solved (µg/L as Pb)	Lithium, dis-solved (µg/L as Li)	Manga-nese, dis-solved (µg/L as Mn)	Molyb-denum, dis-solved (µg/L as Mo)	Nickel, dis-solved (µg/L as Ni)	Sele-nium, dis-solved (µg/L as Se)	Silver, dis-solved (µg/L as Ag)	Stron-tium, dis-solved (µg/L as Sr)	Vana-dium, dis-solved (µg/L as V)	Zinc, dis-solved (µg/L as Zn)	Station number
<3	<10	47	<10	<4	65	<10	<10	<1	<1.0	81	<6	12	01493110
<3	<10	29	<10	<4	52	<10	<10	<1	<1.0	85	<6	12	
<3	<10	13	<10	<4	36	<10	<10	<1	<1.0	86	<6	7	
<3	<10	21	<10	<4	63	<10	<10	<1	<1.0	87	<6	11	
<3	<10	24	<10	<4	39	<10	<10	<1	<1.0	89	<6	17	
<3	<10	160	<10	<4	110	<10	<10	<1	<1.0	68	<6	14	01493112
<3	<10	53	<10	<4	59	<10	<10	<1	<1.0	70	<6	12	
<3	<10	46	<10	<4	40	<10	<10	<1	<1.0	74	<6	<3	
<3	<10	86	<10	<4	71	<10	<10	<1	<1.0	77	<6	17	
<3	<10	1,400	<10	<4	210	<10	<10	<1	<1.0	60	<6	110	01492971
<3	<10	360	<10	<4	32	<10	<10	<1	<1.0	41	<6	21	
10	<10	2,500	<10	<4	1,300	<10	<10	<1	<1.0	71	<6	9	
10	<10	65	<10	4	950	<10	<10	<1	<1.0	180	<6	63	
5	<10	550	<10	<4	180	<10	<10	<1	<1.0	22	<6	29	01492972
<3	<10	27	<10	<4	370	<10	<10	<1	<1.0	100	<6	4	01493109
<3	<10	25	<10	<4	150	<10	<10	<1	<1.0	110	<6	11	
<3	<10	26	10	5	200	<10	<10	<1	<1.0	120	<6	8	01492990
<3	<10	24	<10	<4	120	<10	<10	<1	1.0	55	<6	4	01494035
<3	<10	450	<10	<4	1,100	<10	<10	<1	<1.0	95	<6	4	01493490
<3	<10	67	<10	<4	170	<10	<10	<1	<1.0	98	<6	5	
3	<10	14	<10	<4	2,500	<10	<10	<1	<1.0	150	<6	5	
--	--	280	--	--	160	--	--	--	--	--	--	--	01493500
--	--	270	--	--	120	--	--	--	--	--	--	--	
--	--	30	--	--	<10	--	--	--	--	--	--	--	
--	--	240	--	--	150	--	--	--	--	--	--	--	
--	--	170	--	--	120	--	--	--	--	--	--	--	
--	--	60	--	--	330	--	--	--	--	--	--	--	
--	--	20	--	--	300	--	--	--	--	--	--	--	
--	--	130	--	--	400	--	--	--	--	--	--	--	
--	--	90	--	--	630	--	--	--	--	--	--	--	
--	--	140	--	--	150	--	--	--	--	--	--	--	
--	--	660	--	--	390	--	--	--	--	--	--	--	
--	--	250	--	--	270	--	--	--	--	--	--	--	
--	--	2,000	--	--	180	--	--	--	--	--	--	--	
--	--	2,100	--	--	220	--	--	--	--	--	--	--	
--	--	1,900	--	--	200	--	--	--	--	--	--	--	
--	--	740	--	--	140	--	--	--	--	--	--	--	
--	--	1,100	--	--	170	--	--	--	--	--	--	--	
--	--	30	--	--	220	--	--	--	--	--	--	--	
--	--	500	--	--	320	--	--	--	--	--	--	--	
--	--	130	--	--	200	--	--	--	--	--	--	--	
--	--	500	--	--	340	--	--	--	--	--	--	--	
--	--	1,600	--	--	200	--	--	--	--	--	--	--	
--	--	30	--	--	250	--	--	--	--	--	--	--	
--	--	--	--	--	350	--	--	--	--	--	--	--	
--	--	--	--	--	180	--	--	--	--	--	--	--	
--	--	1,200	--	--	140	--	--	--	--	--	--	--	
--	--	320	--	--	40	--	--	--	--	--	--	--	
--	--	30	--	--	130	--	--	--	--	--	--	--	
--	--	280	--	--	90	--	--	--	--	--	--	--	
--	--	230	--	--	110	--	--	--	--	--	--	--	
--	--	130	--	--	120	--	--	--	--	--	--	--	
--	--	80	--	--	80	--	--	--	--	--	--	--	
--	--	450	--	--	170	--	--	--	--	--	--	--	
--	--	90	--	--	240	--	--	--	--	--	--	--	
--	--	100	--	--	270	--	--	--	--	--	--	--	
--	--	110	--	--	90	--	--	--	--	--	--	--	
--	--	90	--	--	110	--	--	--	--	--	--	--	
--	--	460	--	--	170	--	--	--	--	--	--	--	
--	--	50	--	--	80	--	--	--	--	--	--	--	
--	--	770	--	--	240	--	--	--	--	--	--	--	
--	--	50	--	--	250	--	--	--	--	--	--	--	
--	--	120	--	--	210	--	--	--	--	--	--	--	
--	--	70	--	--	180	--	--	--	--	--	--	--	
--	--	70	--	--	260	--	--	--	--	--	--	--	

Table 14. — Chemical analyses of trace metals from selected streams in Kent County — Continued

Station number	Station name	Date	Aluminum, dissolved (µg/L as Al)	Antimony, dissolved (µg/L as Sb)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Beryllium, dissolved (µg/L as Be)	Boron, dissolved (µg/L as B)	Cadmium, dissolved (µg/L as Cd)	Chromium, dissolved (µg/L as Cr)
01493500	Morgan Creek near Kennedyville	03-18-80	--	--	--	--	--	--	--	--
		04-22-80	--	--	--	--	--	--	--	--
		05-28-80	--	--	--	--	--	--	--	--
		06-25-80	--	--	--	--	--	--	--	--
		07-29-80	--	--	--	--	--	--	--	--
		09-09-80	--	--	--	--	--	--	--	--
		11-05-90	<10	<1	<1	49	<0.5	20	<1.0	<5
		03-06-91	100	<1	<1	48	<0.5	20	<1.0	<5
		05-30-91	<10	<1	<1	43	<0.5	20	<1.0	<5
01493495	Morgan Creek near Locust Grove	06-07-90	<10	--	--	--	--	--	--	--
		06-07-90	<10	<1	<1	70	<0.5	10	<1.0	<5
		11-06-90	<10	<1	<1	79	<0.5	10	<1.0	<5
		03-06-91	10	<1	<1	63	<0.5	<10	<1.0	<5
		05-30-91	20	<1	<1	75	0.5	10	<1.0	<5

Cobalt, dis-solved (µg/L as Co)	Copper, dis-solved (µg/L as Cu)	Iron, dis-solved (µg/L as Fe)	Lead, dis-solved (µg/L as Pb)	Lithium, dis-solved (µg/L as Li)	Manga-nese, dis-solved (µg/L as Mn)	Molyb-denum, dis-solved (µg/L as Mo)	Nickel, dis-solved (µg/L as Ni)	Sele-nium, dis-solved (µg/L as Se)	Silver, dis-solved (µg/L as Ag)	Stron-tium, dis-solved (µg/L as Sr)	Vana-dium, dis-solved (µg/L as V)	Zinc, dis-solved (µg/L as Zn)	Station number
--	--	270	--	--	210	--	--	--	--	--	--	--	01493500
--	--	650	--	--	180	--	--	--	--	--	--	--	
--	--	40	--	--	180	--	--	--	--	--	--	--	
--	--	40	--	--	120	--	--	--	--	--	--	--	
--	--	470	--	--	190	--	--	--	--	--	--	--	
--	--	550	--	--	240	--	--	--	--	--	--	--	
<3	<10	51	<10	<4	190	<10	<10	<1	<1.0	63	<6	13	
<3	<10	770	<10	<4	220	<10	<10	<1	<1.0	62	<6	<3	
<3	<10	31	<10	<4	230	<10	<10	<1	<1.0	79	<6	10	
--	--	250	--	--	--	--	--	--	--	--	--	--	01493495
<3	<10	190	<10	<4	180	<10	<10	<1	<1.0	87	<6	<3	
<3	<10	190	<10	<4	400	<10	<10	<1	<1.0	89	<6	51	
<3	<10	230	<10	<4	140	<10	<10	<1	<1.0	69	<6	3	
<3	<10	23	<10	<4	220	<10	<10	<1	<1.0	92	<6	21	

Table 15. — Chemical analyses of pesticides from selected streams in Kent County

[µg/L = micrograms per liter; < = less than]

Station number	Station name	Date	Alachlor (µg/L)	Ametryn (µg/L)	Atrazine (µg/L)	Cyanazine (µg/L)	Deethyl atrazine (µg/L)	Deisopropyl atrazine (µg/L)
01493110	Chester River tributary at Chesterville	11-05-90	0.23	<0.05	<0.05	<0.20	0.14	<0.05
		03-06-91	0.32	<0.05	0.05	<0.20	0.14	0.21
		04-23-91	0.28	<0.05	<0.05	<0.20	0.09	<0.05
		05-28-91	0.20	<0.05	<0.05	<0.20	0.09	<0.05
		05-29-91	0.21	<0.05	<0.05	<0.20	0.12	<0.05
		06-25-91	0.24	<0.05	0.06	<0.20	0.15	0.12
		07-22-91	0.62	<0.05	<0.05	<0.20	0.17	<0.05
		08-19-91	0.18	<0.05	<0.05	<0.20	0.08	<0.05
		09-16-91	0.21	<0.05	<0.05	<0.20	0.08	<0.05
		10-15-91	0.19	<0.05	0.06	<0.20	0.14	<0.05
		11-14-91	0.11	<0.05	0.06	<0.20	0.24	0.35
		12-09-91	0.20	<0.05	<0.05	<0.20	0.09	0.14
		01-06-92	0.21	<0.05	<0.05	<0.20	0.10	0.15
		02-03-92	0.24	<0.05	<0.05	<0.20	0.11	0.15
		03-02-92	0.16	<0.05	<0.05	<0.20	0.09	0.11
		03-30-92	0.35	<0.05	<0.05	<0.20	0.12	0.17
01493112	Chester River tributary near Crumpton	11-06-90	0.12	<0.05	0.09	<0.20	0.18	<0.05
		05-29-91	0.08	<0.05	<0.05	<0.20	0.14	<0.05
		03-01-91	0.12	<0.05	0.06	<0.20	0.19	<0.05
		10-22-91	<0.05	<0.05	<0.05	<0.20	0.09	<0.05
01492971	Cypress Branch near Millington	11-08-90	<0.05	0.06	0.05	<0.20	0.06	<0.05
		03-06-91	<0.05	<0.05	<0.05	<0.20	<0.05	<0.05
		06-06-91	<0.05	<0.05	0.11	<0.20	<0.05	<0.05
		10-22-91	<0.05	<0.05	<0.05	<0.20	<0.05	<0.05
01492972	Jason Branch near Massey	03-12-91	<0.05	<0.05	<0.05	<0.20	<0.05	<0.05
01493109	Justin Branch near Chesterville	03-06-91	0.15	<0.05	0.08	<0.20	0.46	0.30
		05-30-91	0.07	<0.05	0.09	<0.20	0.51	<0.05
01492990	Mills Branch near Millington	06-06-91	0.56	<0.05	2.4	<0.20	0.25	<0.05
01494035	Mill Pond outlet near Langford	06-07-91	<0.05	<0.05	0.33	<0.20	0.16	<0.05
01493490	Morgan Creek at Blacks	03-06-91	<0.05	<0.05	<0.05	<0.20	0.11	<0.05
		05-30-91	<0.05	<0.05	<0.05	<0.20	0.10	<0.05
01493500	Morgan Creek near Kennedyville	11-05-90	0.06	<0.05	0.07	<0.20	0.10	<0.05
		03-06-91	<0.05	<0.05	<0.05	<0.20	0.07	<0.05
		05-30-91	<0.05	<0.05	0.50	0.20	0.17	<0.05
01493495	Morgan Creek near Locust Grove	11-06-90	<0.05	<0.05	0.28	<0.20	0.14	<0.05
		03-06-91	<0.05	<0.05	0.20	0.20	0.18	<0.05
		05-30-91	<0.05	<0.05	0.70	0.40	0.27	<0.05

Station number	Station name	Date	Alachlor (µg/L)	Ametryne (µg/L)	Atrazine (µg/L)	Cyanazine (µg/L)	2,4-D, (µg/L)	Dicamba (Mediben) (Banvel D) (µg/L)	2,4-DP (µg/L)	Methomyl (µg/L)	Metolachlor (µg/L)
01493110	Chester River tributary at Chesterville	06-07-90	0.20	<0.10	<0.1	<0.10	<0.01	<0.01	<0.01	<0.5	<0.10

Station number	Metribuzin (µg/L)	Picloram (Tordon) (Amdon) (µg/L)	Prometone (µg/L)	Prometryne (µg/L)	Propazine (µg/L)	Propham (µg/L)	Sevin (µg/L)	Silvex (µg/L)	Simazine (µg/L)	Simetryne (µg/L)	2,4,5-T (µg/L)	Trifluralin (µg/L)	Station number
01493110	<0.10	<0.01	<0.10	<0.10	<0.10	<0.5	<0.5	<0.01	0.10	<0.10	<0.01	<0.10	01493110

Meto-lachlor (µg/L)	Pro-meton (µg/L)	Pro-metryn (µg/L)	Prop-azine (µg/L)	Si-mazine (µg/L)	Station number
0.06	0.05	<0.05	<0.05	0.06	01493110
0.14	0.05	<0.05	<0.05	0.08	
0.49	<0.05	<0.05	<0.05	0.05	
0.38	<0.05	<0.05	<0.05	0.08	
0.13	<0.05	<0.05	<0.05	<0.05	
0.17	<0.05	<0.05	<0.05	0.08	
0.47	<0.05	<0.05	<0.05	3.2	
0.10	<0.05	<0.05	<0.05	0.06	
0.24	<0.05	<0.05	<0.05	0.23	
0.14	<0.05	<0.05	<0.05	0.09	
0.28	<0.05	<0.05	<0.05	0.44	
0.09	<0.05	<0.05	<0.05	0.06	
0.10	<0.05	<0.05	<0.05	0.06	
0.09	<0.05	<0.05	<0.05	0.05	
0.08	<0.05	<0.05	<0.05	0.07	
0.53	<0.05	<0.05	<0.05	0.09	
0.10	<0.05	<0.05	<0.05	0.10	01493112
0.08	<0.05	<0.05	<0.05	<0.05	
0.22	<0.05	<0.05	<0.05	<0.05	
0.10	<0.05	<0.05	<0.05	0.18	
<0.05	<0.05	<0.05	<0.05	<0.05	01492971
<0.05	<0.05	<0.05	<0.05	<0.05	
0.13	<0.05	<0.05	<0.05	<0.05	
<0.05	<0.05	<0.05	<0.05	<0.05	
<0.05	<0.05	<0.05	<0.05	<0.05	01492972
0.42	<0.05	<0.05	<0.05	0.11	01493109
0.61	<0.05	<0.05	<0.05	0.09	
2.6	<0.05	<0.05	<0.05	2.1	01492990
0.06	<0.05	<0.05	<0.05	0.17	01494035
<0.07	<0.05	<0.05	<0.05	<0.05	01493490
<0.05	<0.05	<0.05	<0.05	<0.05	
0.24	<0.05	<0.05	<0.05	<0.05	01493500
<0.05	<0.05	<0.05	<0.05	<0.05	
0.20	<0.05	<0.05	<0.05	0.06	
0.12	<0.05	<0.05	<0.05	0.05	01493495
0.11	<0.05	<0.05	<0.05	<0.05	
0.26	<0.05	<0.05	<0.05	0.07	

Table 15. — Chemical analyses of pesticides from selected streams in Kent County — Continued

Station number	Station name	Date	Alachlor (µg/L)	Ametryne (µg/L)	Atrazine (µg/L)	Cyanazine (µg/L)	2,4-D, (µg/L)	Dicamba (Mediben) (Banvel D) (µg/L)	2,4-DP (µg/L)	Methomyl (µg/L)	Metolachlor (µg/L)
01493110	Chester River tributary at Chesterville	06-07-90	0.20	<0.10	<0.1	<0.10	<0.01	<0.01	<0.01	<0.5	<0.10

Station number	Metribuzin (µg/L)	Picloram (Tordon) (Amdon) (µg/L)	Prometone (µg/L)	Prometryne (µg/L)	Propazine (µg/L)	Propham (µg/L)	Sevin (µg/L)	Silvex (µg/L)	Simazine (µg/L)	Simetryne (µg/L)	2,4,5-T (µg/L)	Trifluralin (µg/L)	Station number
01493110	<0.10	<0.01	<0.10	<0.10	<0.10	<0.5	<0.5	<0.01	0.10	<0.10	<0.01	<0.10	01493110

Table 16. — Chloride concentrations of water from selected estuaries in Kent County

[* site locations shown in figure 4; mg/L = milligrams per liter; - - = data not collected]

Site* number	Location	Chloride concentration (dissolved, mg/L)						
		5/3/91	7/31/91	4/2-3/92	7/6-8/92	10/21/92	4/20/93	7/27/93
	Chesapeake Bay							
1	Betterton	60	2,150	116	900	1,300	23	1,480
2	Tolchester	--	--	--	3,750	3,740	128	4,720
3	Gratitude	1,990	6,570	1,720	5,675	4,796	1,220	5,380
4	Ingleside Picnic Area	--	6,350	4,190	6,040	--	2,536	5,480
	Chester River							
5	Millington	12	20	12	35	20	11	34
6	Crumpton	38	840	24	1,300	1,261	17	819
7	Buckingham	180	1,720	760	2,425	3,055	54	1,780
8	Chestertown Yacht Club	1,260	2,900	4,330	4,040	4,180	1,010	2,840
9	Cliffs City	3,530	5,200	5,680	5,800	6,180	--	4,760
10	Bogles Wharf	--	5,940	5,680	6,440	--	3,100	5,120
11	Cedar Point	--	6,150	5,540	6,400	--	2,880	5,440
	Sassafras River							
12	Foxhole Estates	22	268	145	285	250	27	70
13	Georgetown	60	600	605	510	700	180	128
14	Kentmore Park	121	1,370	380	600	--	--	552

Table 17. — Specific-conductance measurements of water from selected estuaries in Kent County

[* site locations shown in figure 4; µS/cm = microsiemens per centimeter; - - = data not collected]

Site* number	Location	Specific conductance (µS/cm)						
		5/3/91	7/31/91	4/2-3/92	7/6-8/92	10/21/92	4/20/93	7/27/93
	Chesapeake Bay							
1	Betterton	364	5,380	516	2,740	3,670	235	4,220
2	Tolchester	--	--	--	8,640	10,160	193	10,470
3	Gratitude	4,940	13,300	4,650	11,860	12,100	531	11,620
4	Ingleside Picnic Area	--	12,790	9,130	12,070	--	3,510	11,670
	Chester River							
5	Millington	113	270	1,560	296	190	93	222
6	Crumpton	196	2,490	194	3,520	3,570	105	2,210
7	Buckingham	620	4,410	2,090	6,020	8,260	251	4,320
8	Chestertown Yacht Club	3,440	6,660	7,610	8,840	11,160	3,090	6,620
9	Cliff City	7,530	10,860	11,940	12,370	15,150	--	10,350
10	Bogles Wharf	--	11,750	11,740	13,070	--	8,310	11,490
11	Cedar Point	--	12,880	11,600	13,160	--	8,470	12,120
	Sassafras River							
12	Foxhole Estates	171	1,010	611	1,050	930	183	343
13	Georgetown	277	1,920	1,920	1,607	2,130	711	541
14	Kentmore Park	502	3,840	1,400	1,910	--	--	2,030

Table 18. — Ground-water appropriations and withdrawals for well fields pumping at least 10,000 gallons per day in Kent County

[KCSD = Kent County Sanitary District; appropriation and pumpage amounts are in thousand gallons per day]

User name	Ground-water appropriation permit number	Aquifer	Average appropriation	Actual pumpage 1992	1991	1990	1989	1988	1987	1986	1985
Angelica Nurseries	KE75G002 KE80G001 KE80G101	Aquia	3,370	950	1,278	728	1,260	1,872	2,012	373	669
Town of Betterton	KE79G002	Magothy	50	47	53	47	46	44	44	46	43
Campbell Soup Co.	KE59G003	Aquia	700	321	135	416	395	351	330	496	609
C. H. Ashley & Son Oyster Co.	KE55G001	Aquia	52	0	0	0	0	0	0	0	0
Chestertown Utilities Commission	KE70G004	Aquia	600	702	689	613	572	589	526	511	522
Chestertown Utilities	KE92G011	Potomac	375	0	0	0	0	0	0	0	0
Eastern Neck National Wildlife Refuge	KE78G102	Magothy	18	5	0	0	0	0	0	0	0
Town of Galena	KE71G003	Potomac	90	53	54	58	40	36	41	36	42
Huls America Inc.	KE59G002	Monmouth	100	73	91	42	68	59	55	61	63
Ivens and Hudson Oyster Co.	KE46G002	Monmouth	24	0	0	0	0	0	0	0	0
Kent County Commissioners--Edesville	KE89G003	Magothy	24	2	0	0	0	0	0	0	0
KCSD--Fairlee Subdistrict	KE79G004	Potomac	92	97	102	99	96	62	75	57	56
KCSD--Fairlee & Georgetown	KE79G104	Potomac	146	0	0	0	0	0	0	0	0
KCSD--Kennedyville	KE67G008	Monmouth	18	18	18	19	15	15	16	23	21
KCSD--Worton & Butlertown	KE79G005	Aquia	40	54	53	49	40	31	30	27	33
Kent Packing Co.	KE48G001	Aquia	150	0	0	0	0	0	0	0	0
Town of Rock Hall	KE71G004	Magothy	230	203	200	206	214	213	206	178	158
Vita Food Products	KE54G001	Aquia	70	0	0	0	0	0	0	0	0
YMCA--Camp Tockwogh	KE67G001	Potomac	15	9	9	10	10	7	7	10	7

User name	Actual pumpage 1960-1969	1950-1959	1940-1949	1930-1939	1920-1929	1900-1919
Angelica Nurseries	--	0	0	0	0	0
Town of Betterton	15	0	0	0	0	0
Campbell Soup Co.	420	0	0	0	0	0
C. H. Ashley & Son Oyster Co.	106	100	0	0	0	0
Chestertown Utilities Commission	315	315	275	244	0	0
Chestertown Utilities	0	0	0	0	0	0
Eastern Neck National Wildlife Refuge	0	0	0	0	0	0
Town of Galena	27	13	13	0	0	0
Huls America Inc.	0	0	0	0	0	0
Ivens and Hudson Oyster Co.	24	24	24	0	0	0
Kent County Commissioners--Edesville	0	0	0	0	0	0
KCSD--Fairlee Subdistrict	1	0	0	0	0	0
KCSD--Fairlee & Georgetown	0	0	0	0	0	0
KCSD--Kennedyville	6	0	0	0	0	0
KCSD--Worton & Butlertown	0	0	0	0	0	0
Kent Packing Co.	150	150	150	0	0	0
Town of Rock Hall	125	110	110	81	75	0
Vita Food Products	96	96	96	0	0	0
YMCA--Camp Tockwogh	0	0	0	0	0	0

1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	Ground-water appropriation permit number
436	99	1	--	--	--	--	--	--	--	--	--	--	--	--	KE75G002
															KE80G001
															KE80G101
44	--	--	20	17	15	15	15	15	15	--	--	--	--	--	KE79G002
511	527	434	431	580	561	649	667	644	496	628	549	522	587	591	KE59G003
0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	KE55G001
541	477	484	471	505	544	473	486	479	421	413	492	510	315	315	KE70G004
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	KE92G011
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	KE78G102
40	38	37	33	37	40	40	43	41	38	37	29	29	29	29	KE71G003
75	59	57	69	67	76	68	88	88	66	71	75	77	63	31	KE59G002
0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	KE46G002
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	KE89G003
43	39	35	32	38	32	29	26	23	21	17	16	15	12	1	KE79G004
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	KE79G104
12	10	12	12	12	12	12	8	8	8	8	8	7	6	6	KE67G008
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	KE79G005
0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	KE48G001
164	150	153	140	153	175	163	141	136	127	129	133	133	164	140	KE71G004
0	0	0	0	0	0	0	0	0	0	0	0	0	96	96	KE54G001
7	0	4	7	1	4	11	4	4	4	4	0	2	0	0	KE67G001

Table 19. — Composite lithologic descriptions of drill cuttings and core samples from test wells in Kent County

Angelica Nurseries
KE Be 171

Depth, in feet	Description
	Columbia Group
0- 6	Clay, sandy, gray and brown
6- 20	Sand, medium to coarse; medium reddish brown; quartz iron stained, subrounded; abundant glauconite (15 percent), black, brown and green, well oxidized; numerous fragments of iron-cemented sand, black and brown
	Aquia Formation
20- 70	Sand, fine to medium, as above; some light brown clay from 30-40 ft; oxidation decreases with depth
70-106	Sand, fine to medium; medium gray green, unoxidized; quartz clear, green stained; glauconite common (20-25 percent), black, botryoidal
	Hornerstown Formation
106-125	Sand, medium; medium to dark gray green; quartz clear, green stained; glauconite very abundant (60-70 percent), black, botryoidal; abundant shell fragments: punctate brachiopods; some light greenish blue clay
125-150	Sand, medium to coarse; olive green; quartz subrounded, frosted, stained green and yellow; glauconite common (10 percent), black, fine; some shell fragments from 125-140 ft; sparse phosphate pellets; sparse Foraminifera (Nodosaria); a shark tooth
150-195	Sand, fine to medium; olive green; some light gray green clay; quartz subrounded, frosted, stained green and yellow; glauconite common (20 percent), black, fine; sand, medium to coarse from 170-180 ft
	Severn Formation
195-210	Clay, medium to dark greenish gray; some fine sand; glauconite abundant (50 percent), black, fine
	Mount Laurel Formation
210-240	Clay, light greenish gray; some fine sand; glauconite (30 percent), fine
240-260	Sand, fine, clayey; medium to dark greenish-gray; common glauconite (20 percent)
260-290	Clay, medium greenish-gray; some fine sand, quartz, clear and colorless with some green staining, angular to subangular; abundant glauconite (30 percent of sand fraction), fine, black and medium green; sparse shell fragments
	Matawan Group
290-350	Clay, medium to light gray; trace of fine sand; abundant glauconite (90 percent of sand fraction), black, botryoidal; some calcite-cemented sand; trace of fine muscovite and pyritized lignite from 340-350 ft
350-375	Sand, fine; medium to dark gray; quartz, clear and colorless with some green staining; glauconite abundant (40 percent), fine, black, botryoidal
	Magothy Formation
375-389	Clay, medium to dark gray; some fine silt
389-395	Clay, black; abundant finely disseminated lignite
395-410	Clay, medium to dark gray green; slightly sandy
	Potomac Group
410-420	Clay, mottled white with some yellow; very hard; (poor recovery)
420-450	Sand, medium to coarse; medium gray; quartz clear, colorless with some pink grains, subrounded to subangular; coarsening downward to very coarse sand; some clay stringers, mottled white, yellow, pink

Table 19. — Composite lithologic descriptions of drill cuttings and core samples from test wells in Kent County — Continued

Cliffs City
KE Dc 89, 91

Depth, in feet	Description
	Columbia Group
0- 10	Clay, silty, light brown and gray, mixed
10- 20	Sand, medium to coarse; quartz mostly clear, colorless, some iron-stained, angular; some chert and lithic grains
	Aquia Formation
20- 30	Sand, fine; sparse glauconite
30- 80	Sand, medium, light to dark brown; sparse glauconite; some friable shell fragments; calcite-cemented layer from 32-37 ft; oxidation increases with depth
80-110	Sand, fine to medium; medium olive-green; slightly oxidized; glauconite greenish-black, mostly very fine to fine, some medium-grained; abundant foraminifera and shell fragments
110-120	Sand, fine to medium; medium gray-green, unoxidized; glauconite fine, fresh, green-black; abundant shell fragments (shell bed at 115-117 ft); sparse foraminifera
120-133	Sand, fine to coarse, medium greenish gray; mostly quartz, clear, colorless, some green stained, subrounded; abundant glauconite, fine to medium, black, botryoidal; abundant calcite-cemented grains; abundant shell fragments and whole clam shells up to 1 cm in diameter; phosphate pellets, greenish gray, discoidal, soft
	Hornerstown Formation
133-160	Sand, medium, dark greenish gray; mostly quartz, green-stained, subangular; abundant glauconite (40 percent), black, botryoidal; sparse shell fragments

Table 19. — Composite lithologic descriptions of drill cuttings and core samples from test wells in Kent County — Continued

Remington Farms
KE Cb 97, 98, 99, 100, 103

Depth, in feet	Description
	Columbia Group
0- 7	Clay, sandy, medium brown and gray
7- 30	Sand, medium-grained, clayey, reddish brown; quartz is clear, colorless and frosted, some iron stained; sparse dark grains
	Aquia Formation
30- 65	Clay, reddish brown and greenish, with fine sand; sparse glauconite, very fine, medium green, weathered; sparse medium and coarse sand grains
65- 90	Sand, fine to medium; medium greenish gray; quartz fine to medium, clear and colorless, sub-angular to sub-rounded; abundant glauconite (40 percent), fine to medium, greenish black, botryoidal; sparse gravel grains of iron-stained quartz, frosted; fragments of iron-cemented sandstone
	Hornerstown Formation
90-120	Sand, fine to medium, clayey, dark greenish-gray to black, abundant glauconite (70-80 percent); sparse shell material, soft, weathered
120-170	Sand, medium to coarse, medium greenish gray; quartz sub-rounded, clear and frosted, green-stained; common glauconite (20 percent), fine to medium; sparse coarse quartz grains from 170-180 ft, iron stained, well rounded
	Severn Formation
170-180	Sand, very fine, very clayey; dark greenish gray; abundant glauconite, very fine; abundant muscovite
	Mount Laurel Formation
180-247	Sand, very fine to fine, silty, clayey, dark olive-gray; quartz clear and colorless and some green-stained; common glauconite (20 percent), very fine, mostly black with some medium green; sparse muscovite
	Matawan Group
247-304	Clay, sandy, dark gray; sand is very fine quartz; abundant glauconite, very fine; sparse lignite
	Magothy Formation
304-340	Sand, fine, medium gray; quartz clear, colorless, subrounded to subangular, well sorted; sparse fine lignite from 320-340 ft
	Potomac Group
340-375	Clay, mottled red, brown, and light gray; layers of brown sand and gravel
375-410	Sand, fine, silty; light pink, with layers 3 mm thick of darker lignitic sand; abundant muscovite; very hard, cemented sand from 399-400 ft
410-420	Clay, mottled red, white, and brown

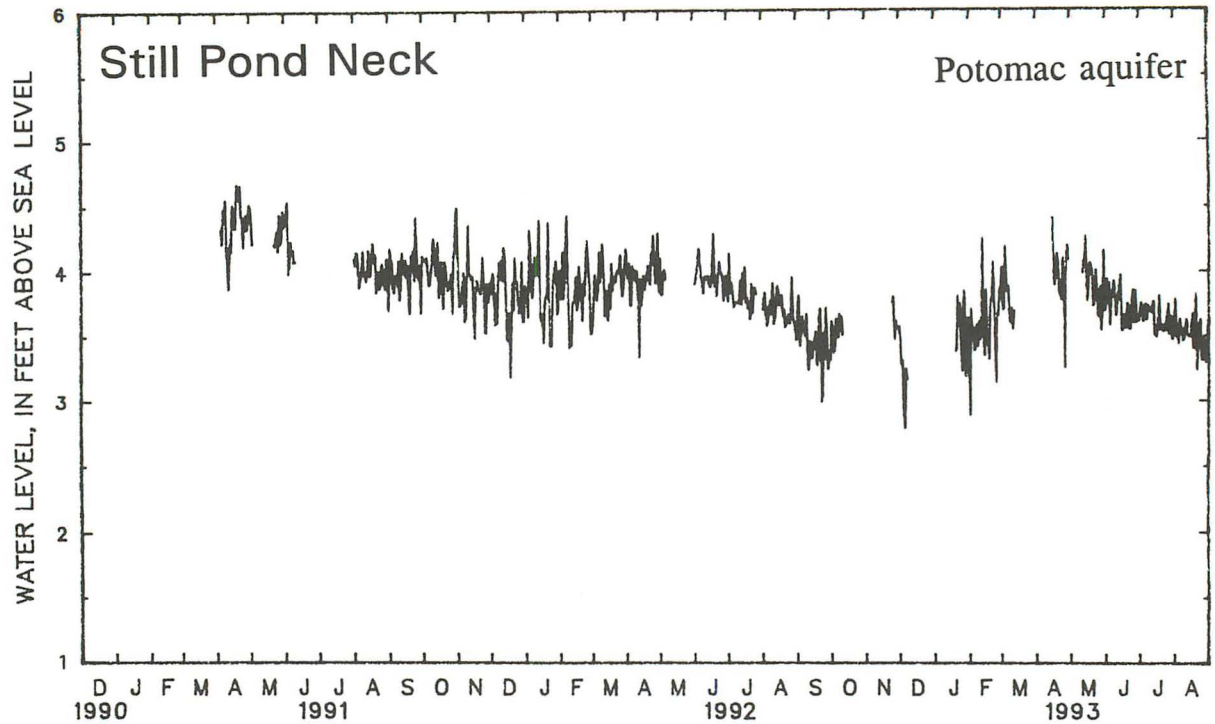
Table 19. — Composite lithologic descriptions of drill cuttings and core samples from test wells in Kent County — Continued

Tolchester Marina
KE Cb 101, 102

Depth, in feet	Description
	Columbia Group
0- 10	Clay, medium brown, mottled with reddish and greenish brown; sandy with some gravel
10- 22	Clay, light gray, sandy; trace of lignite
22- 72	Sand, medium to very coarse, gravel, cobbles, some gray and brown clay; sand is quartz, clear, iron stained, subrounded to very angular (pieces broken by drill bit?), some dark grains, some iron-cemented fragments; gravel and cobbles are polylithic, with clasts of sandstone, fossiliferous limestone with imbedded shell casts, schist; mostly sand from 50-72 ft
	Matawan Group
72- 90	Clay, medium to dark green and blue gray, slightly sandy; quartz is fine, clear and colorless, subrounded; sparse glauconite, medium greenish-black

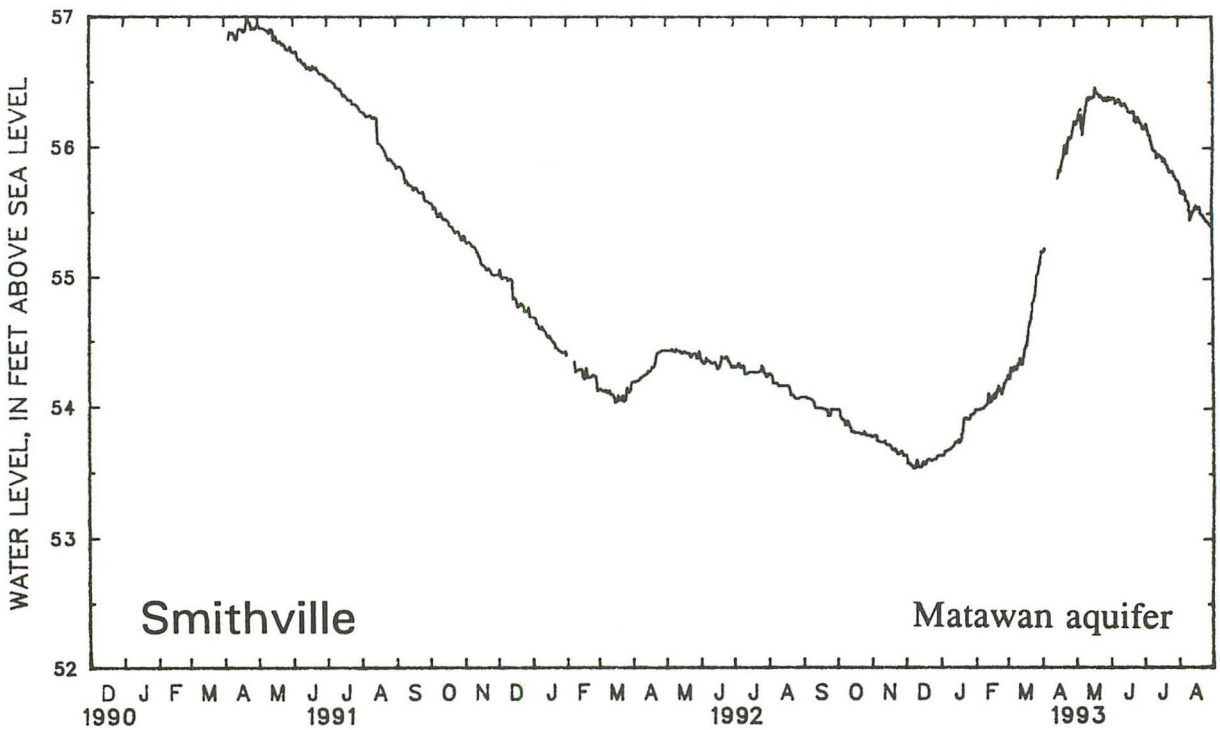
Worton Park
KE Bc 184, 185, 186

Depth, in feet	Description
	Columbia Group
0- 7	Clay, sandy, brownish gray and tan
7- 45	Sand and gravel, with clay stringers, brownish gray and tan
45- 52	Gravel, sandy, and hardpan, dark reddish brown
52- 60	Clay, light tan (poor recovery)
60- 64	Sand and gravel
	Hornerstown Formation
64- 90	Sand, very fine to fine; medium to dark greenish gray, mottled greenish and purplish; very clayey; abundant glauconite (30-40 percent), mostly black and botryoidal, some medium green; a few clasts of medium sand, 1-2 cm in diameter
	Severn Formation
90-107	Clay, dark greenish gray, with some fine glauconitic sand
	Mount Laurel Formation
107-130	Gravel, sandy, light brown to white, some chert fragments; interlayered with dark greenish gray sandy clay
130-177	Sand, fine, very clayey, medium-dark greenish gray; abundant fine glauconite; clay, dark gray with abundant muscovite
	Matawan Group
177-201	Clay, silty medium to dark greenish gray; abundant very fine glauconite
	Magothy Formation
201-220	Clay, medium to dark gray, with streaks of light gray silt; clay contains abundant muscovite, no glauconite; abundant fine lignite interspersed in clay; silt streaks are 1-3 mm thick, generally parallel to bedding from 210.0-210.8 and 211.5 to 212.3, mottled and burrowed from 210.8 to 211.5; some clasts of pyrite-cemented silt 2-4 mm in diameter
220-265	Sand, silty, very clayey, very fine, medium to dark gray; abundant muscovite; massive, vaguely mottled with greenish sand (bioturbation?)
265-275	Sand, medium to coarse; quartz mostly clear and colorless, some frosted white, some yellow; some clasts of white cemented sand (not calcitic)
	Potomac Group
275-290	Clay, red, white, pink, gray (poor recovery)



KE Ac 20

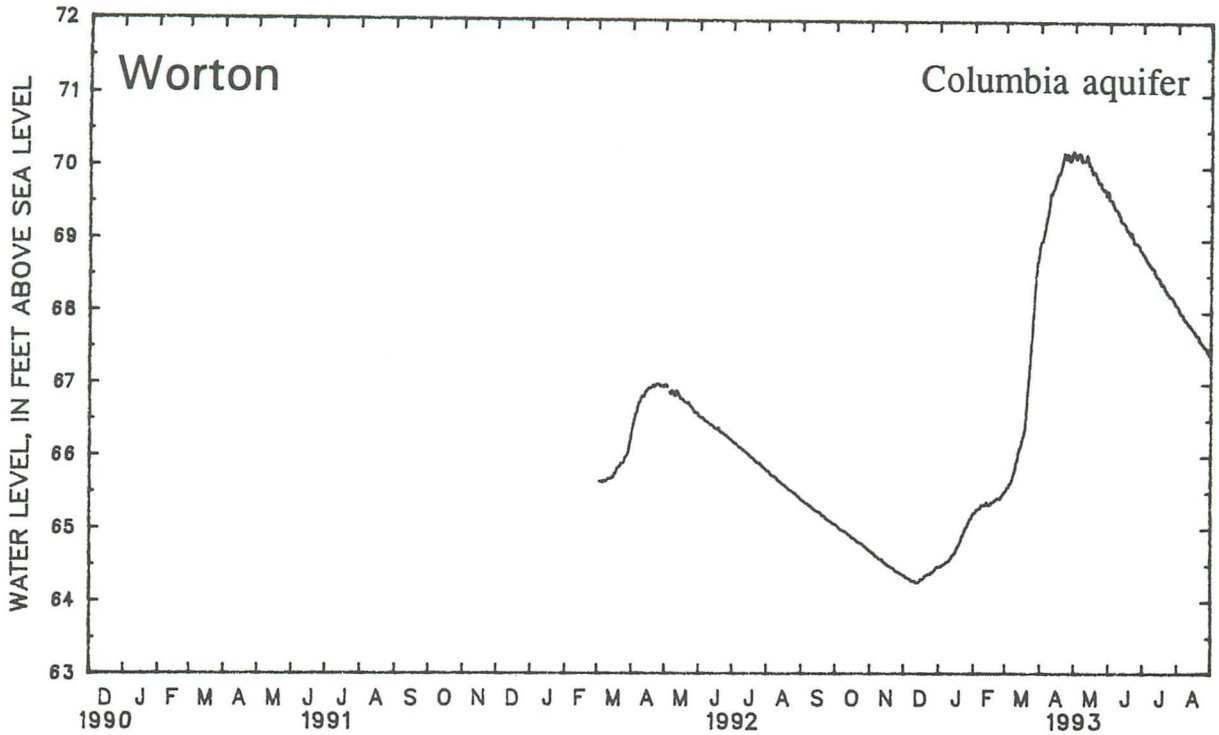
Daily low water levels



KE Bc 50

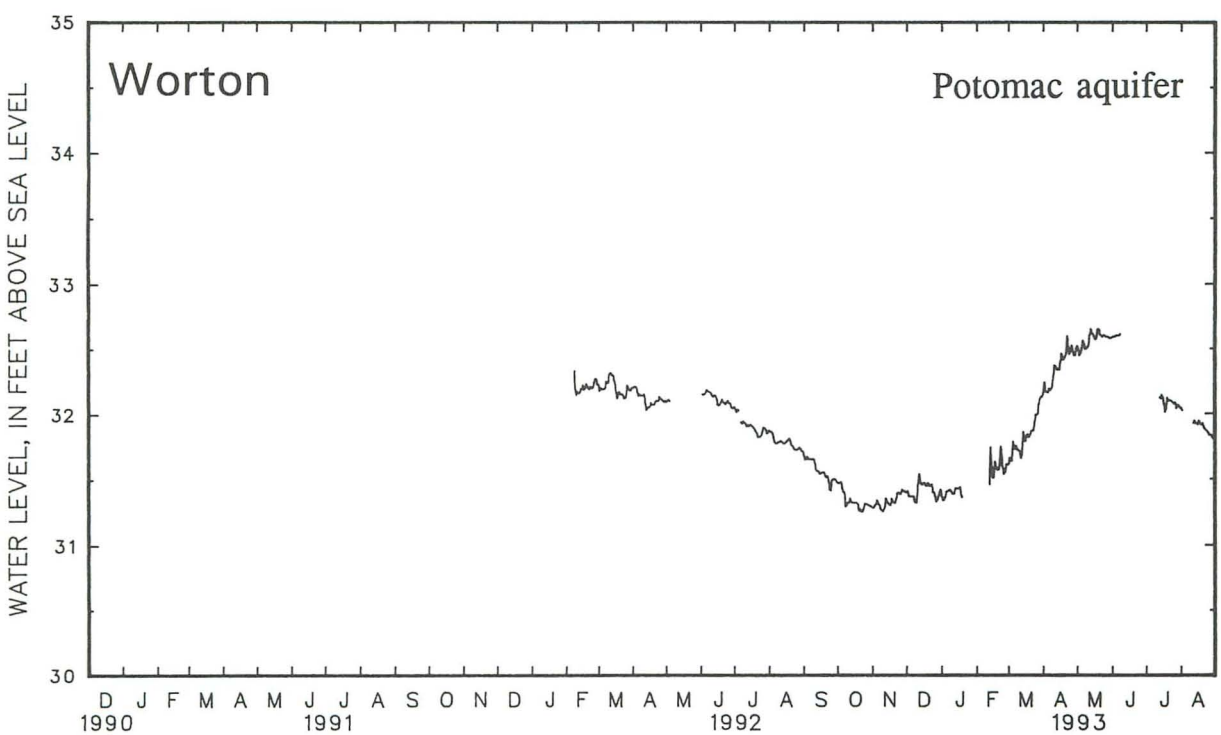
Daily low water levels

Figure 2. — Hydrographs showing water levels in wells, December 1991 to August 1993.



KE Bc 185

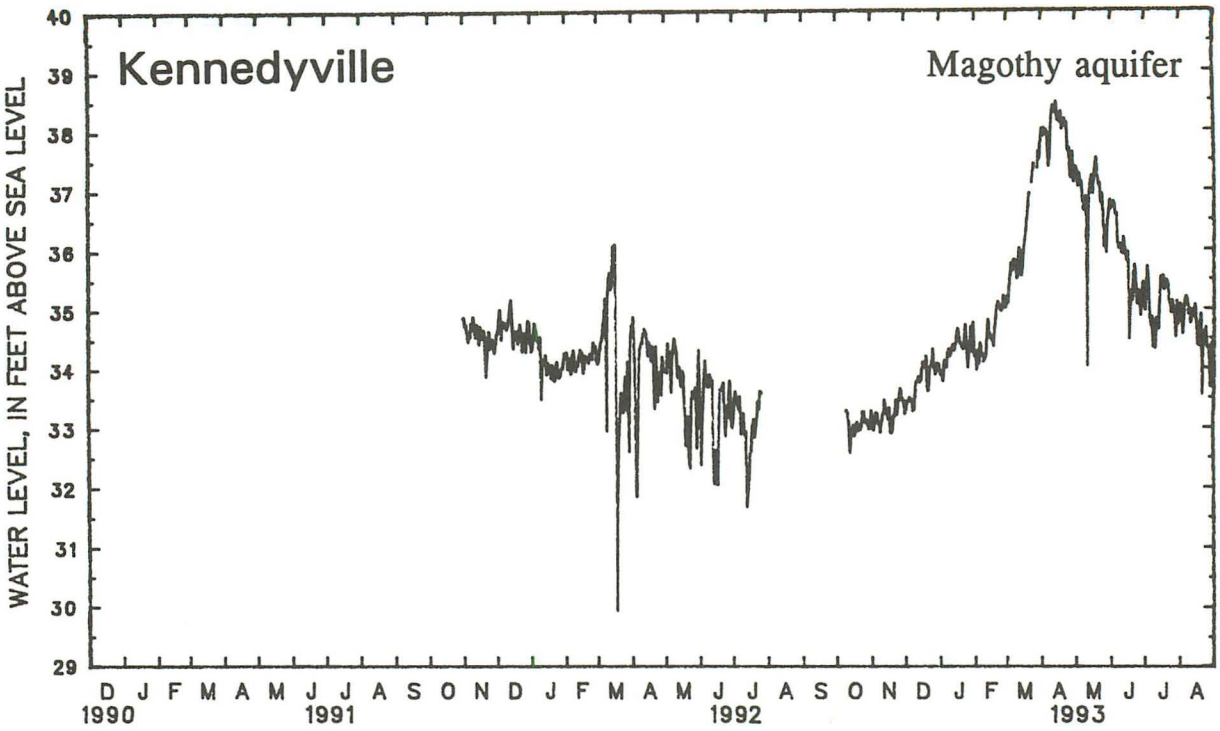
Daily low water levels



KE Bc 186

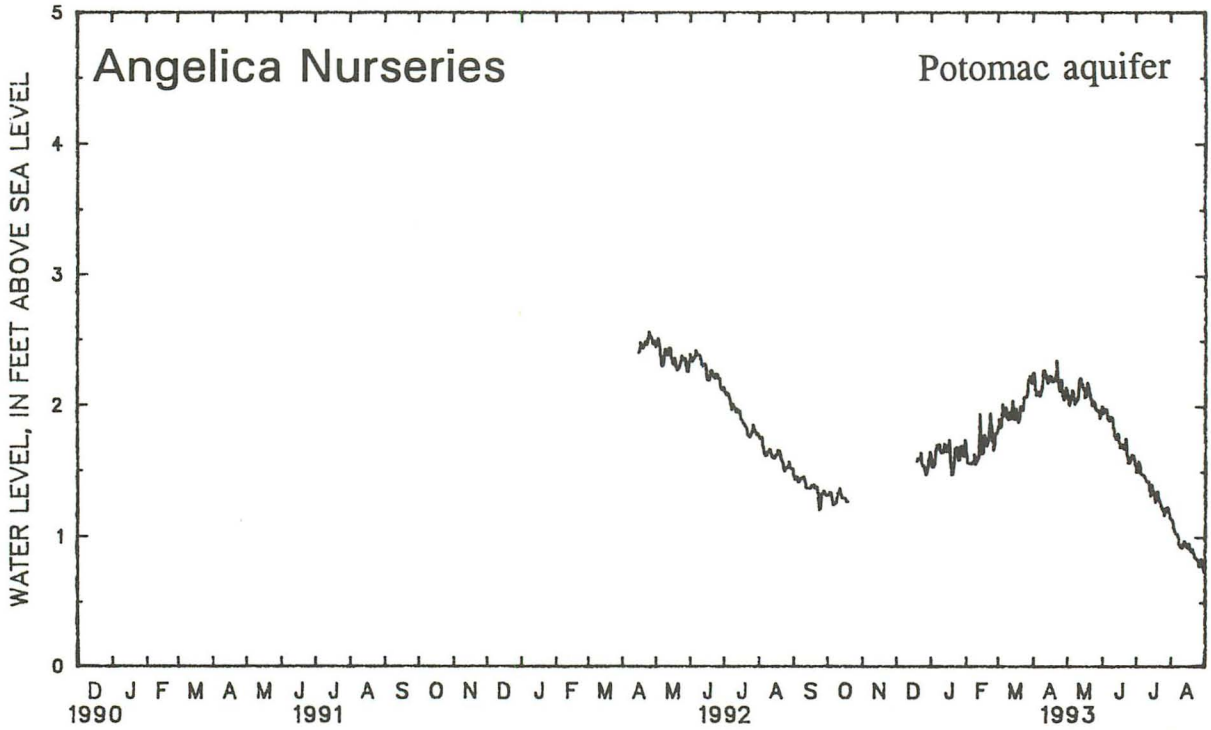
Daily low water levels

Figure 2. — Hydrographs showing water levels in wells, December 1991 to August 1993 — Continued.



KE Be 43

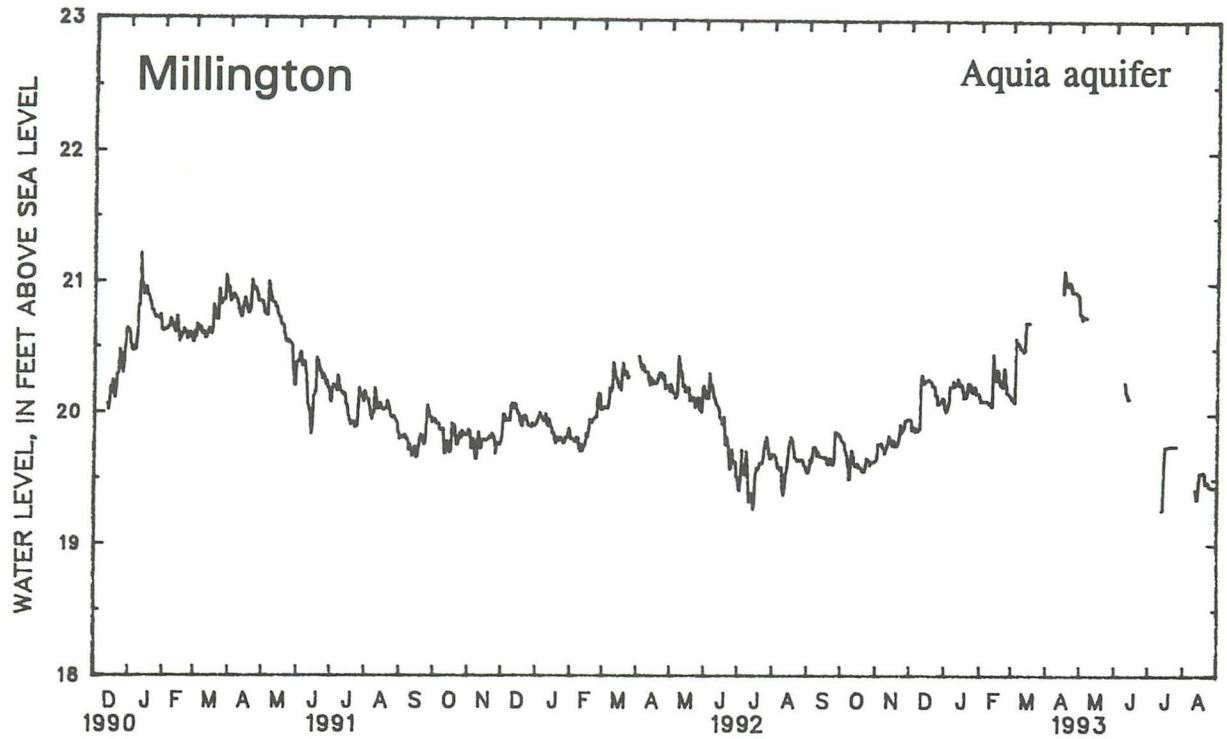
Daily high water levels



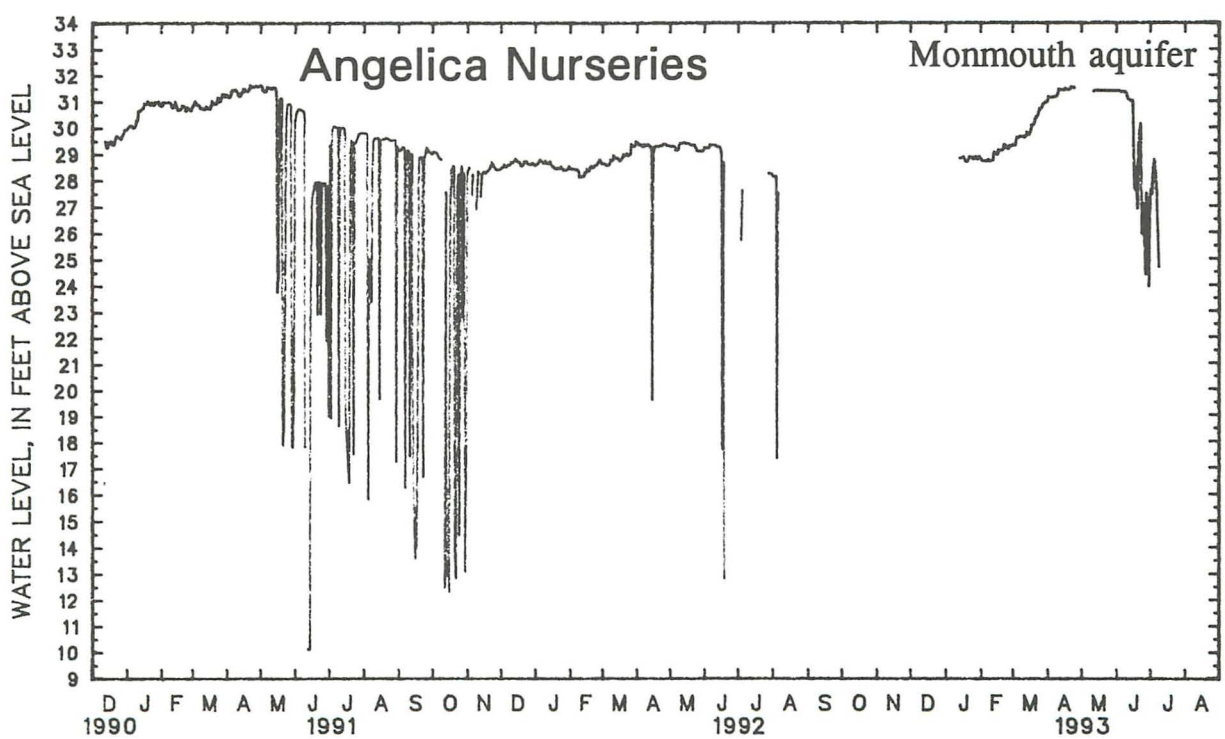
KE Be 171

Daily low water levels

Figure 2. — Hydrographs showing water levels in wells, December 1991 to August 1993 — Continued.

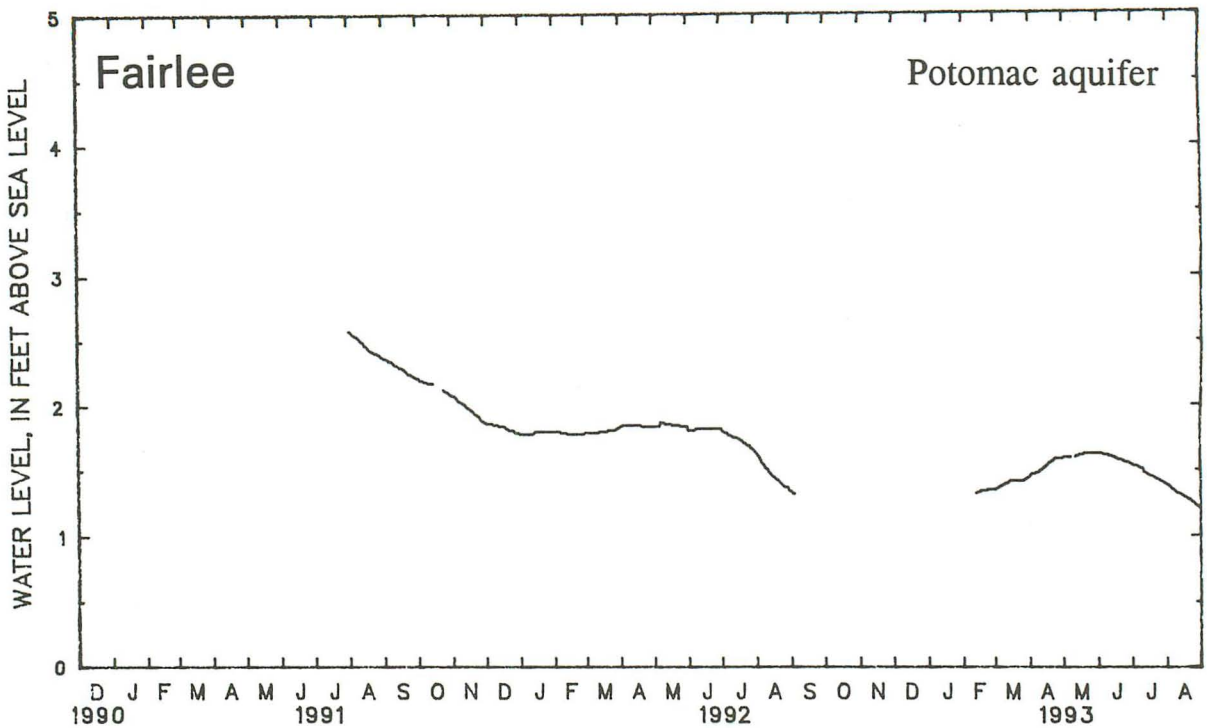


KE Bf 93
Daily low water levels

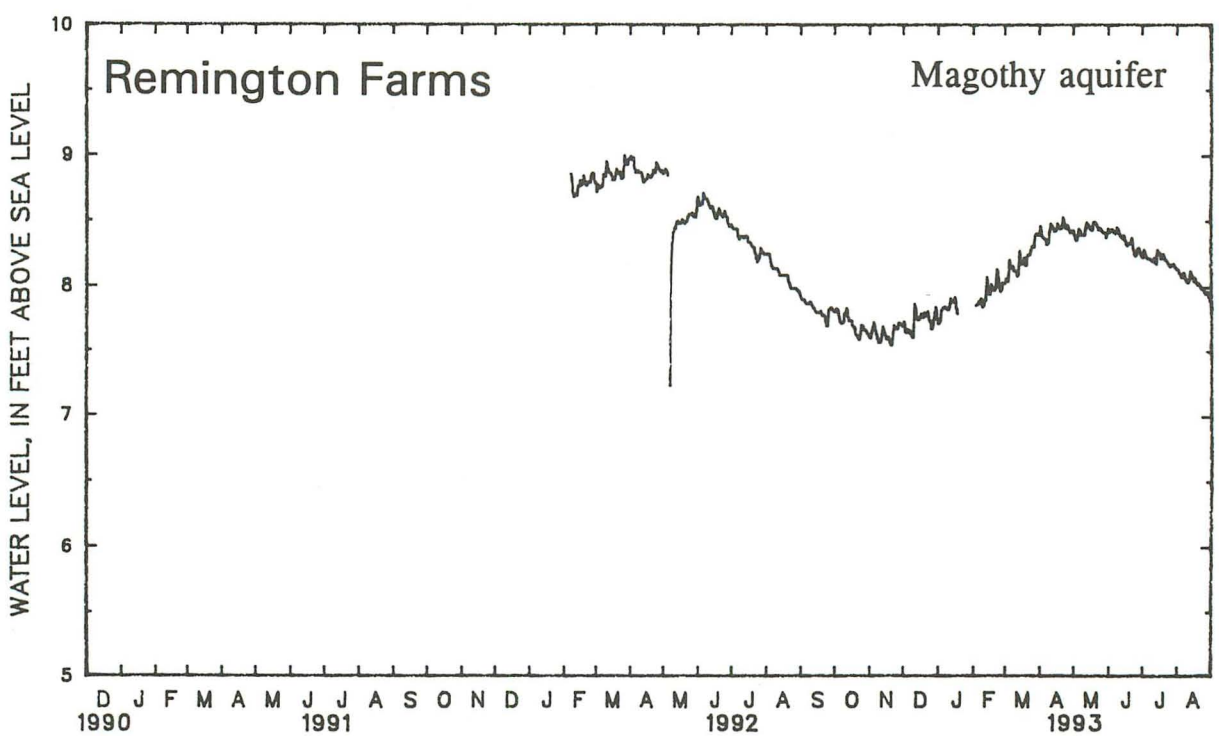


KE Bf 154
Daily low water levels

Figure 2. — Hydrographs showing water levels in wells, December 1991 to August 1993 — Continued.

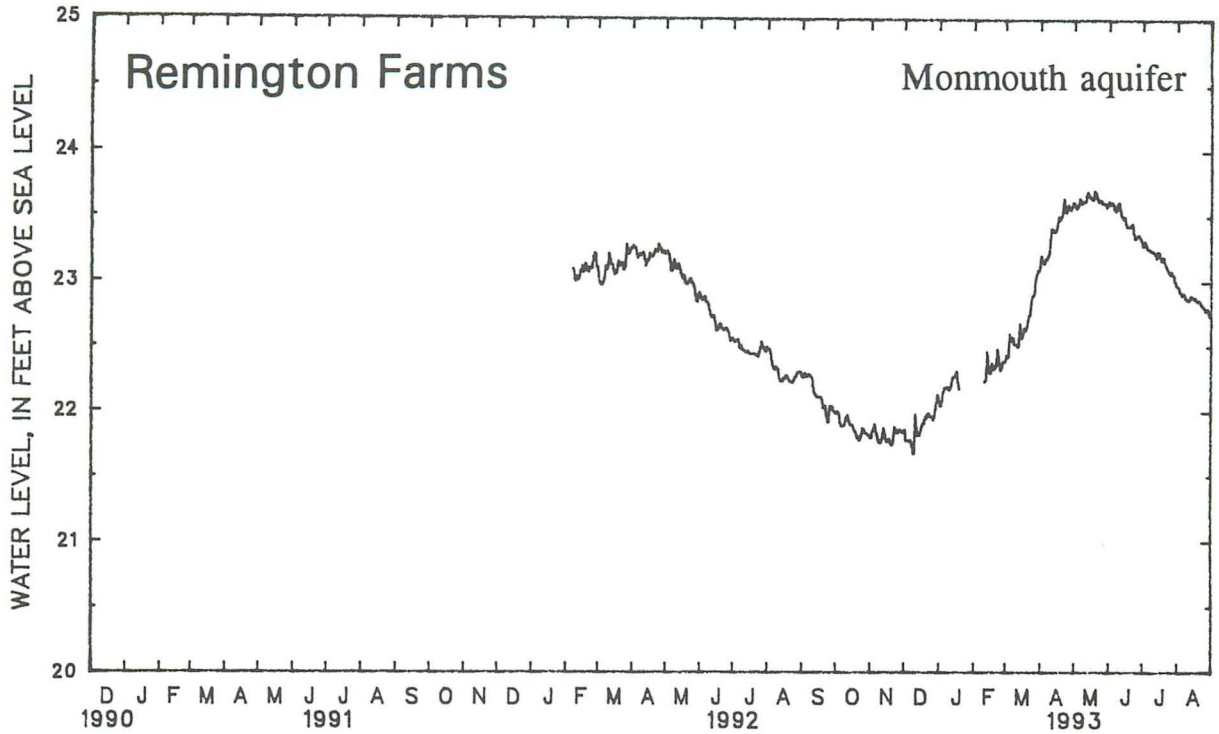


KE Cb 36
Daily low water levels

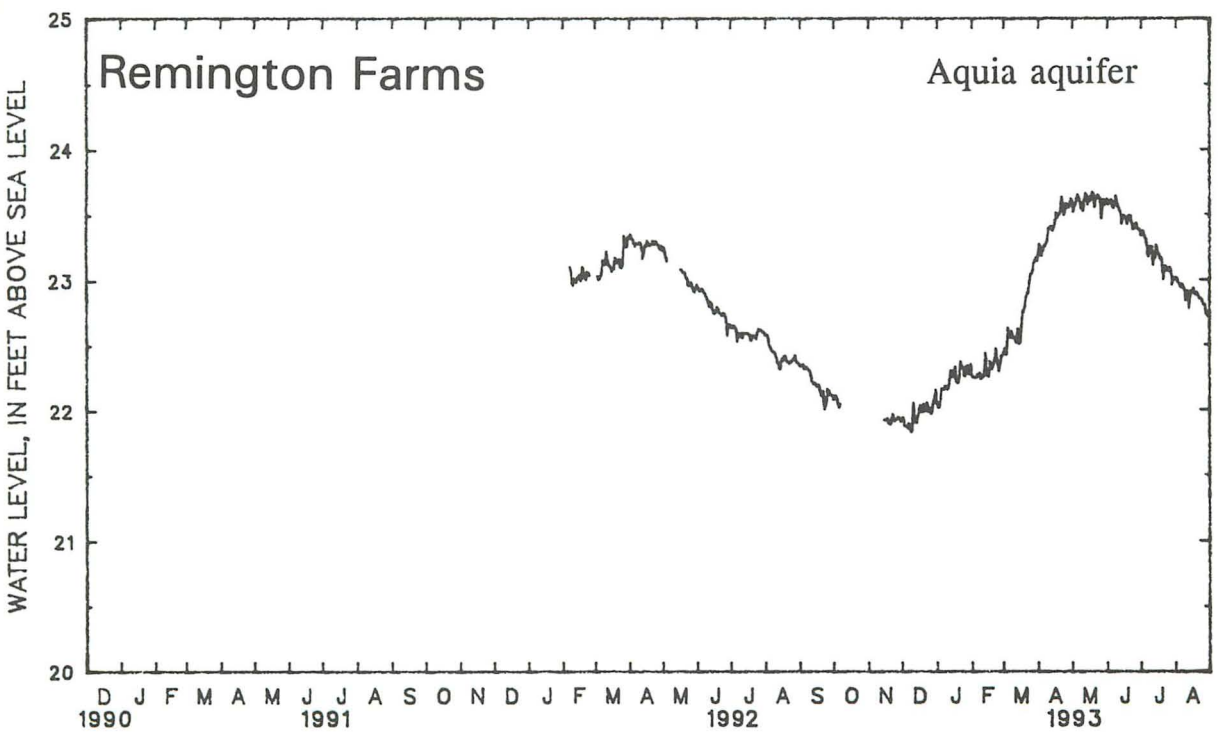


KE Cb 97
Daily low water levels

Figure 2. — Hydrographs showing water levels in wells, December 1991 to August 1993 — Continued.

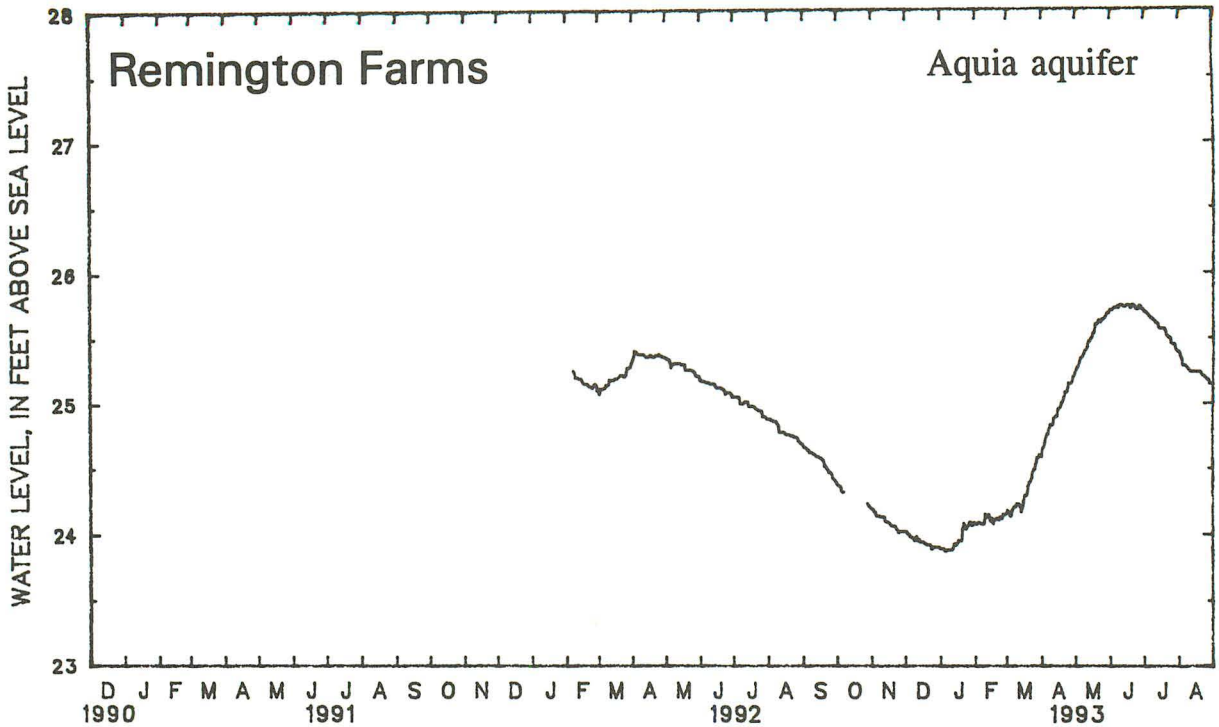


KE Cb 98
Daily low water levels

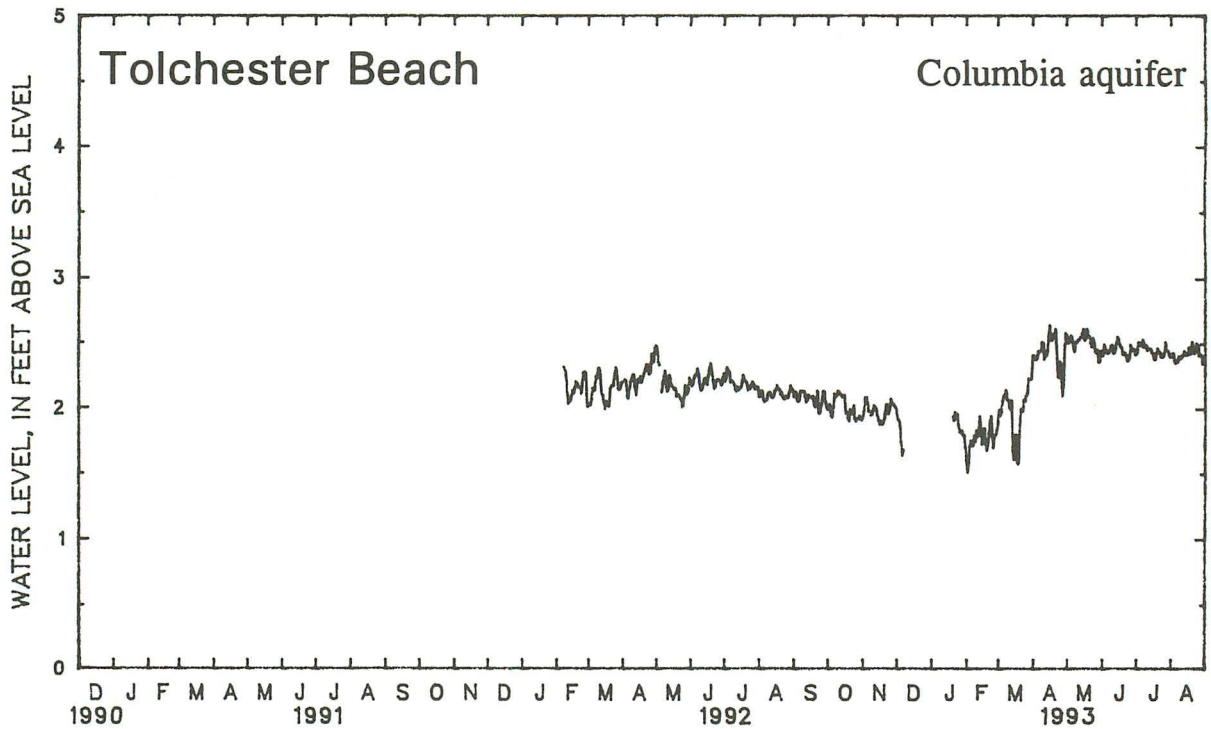


KE Cb 99
Daily low water levels

Figure 2. — Hydrographs showing water levels in wells, December 1991 to August 1993 — Continued.

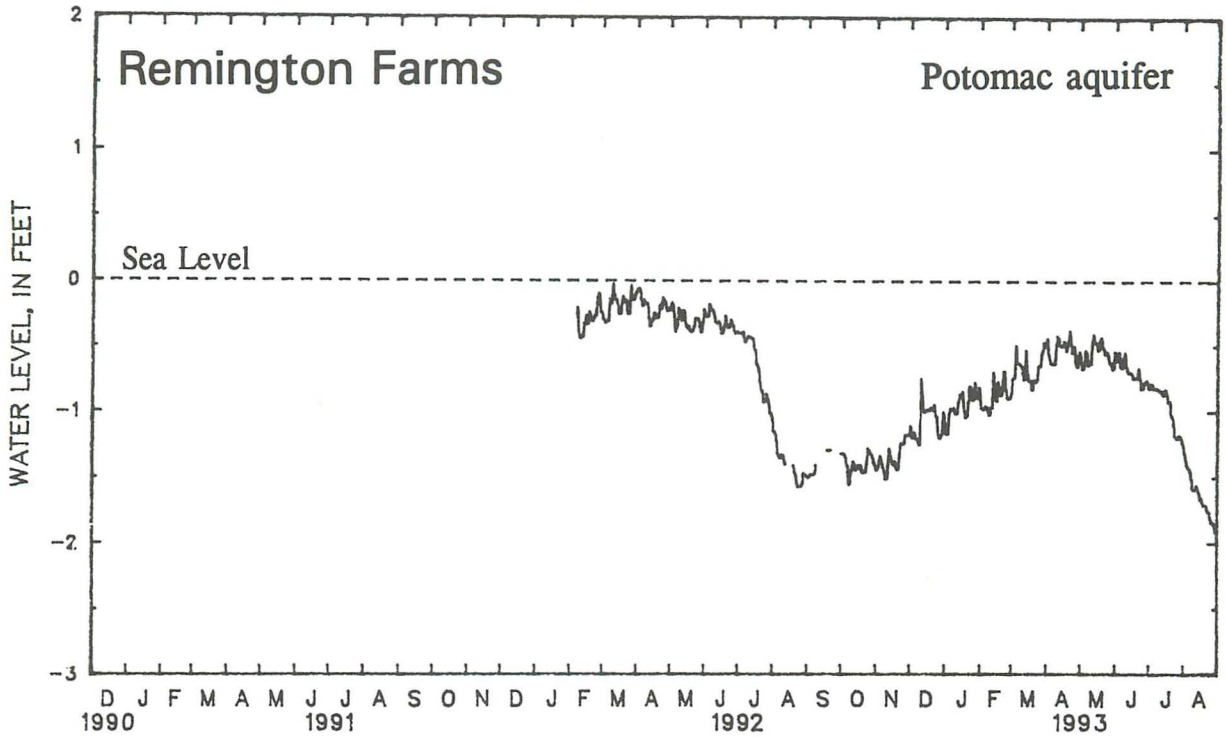


KE Cb 100
Daily low water levels

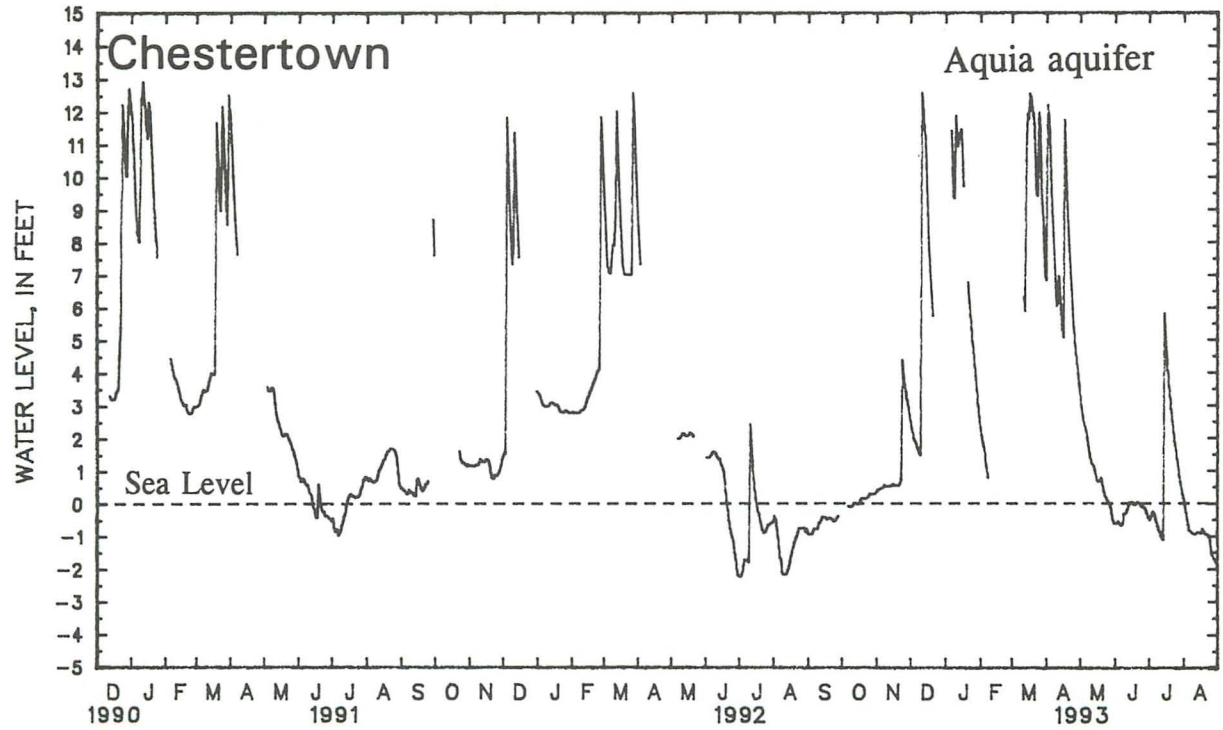


KE Cb 101
Daily low water levels

Figure 2. — Hydrographs showing water levels in wells, December 1991 to August 1993 — Continued.

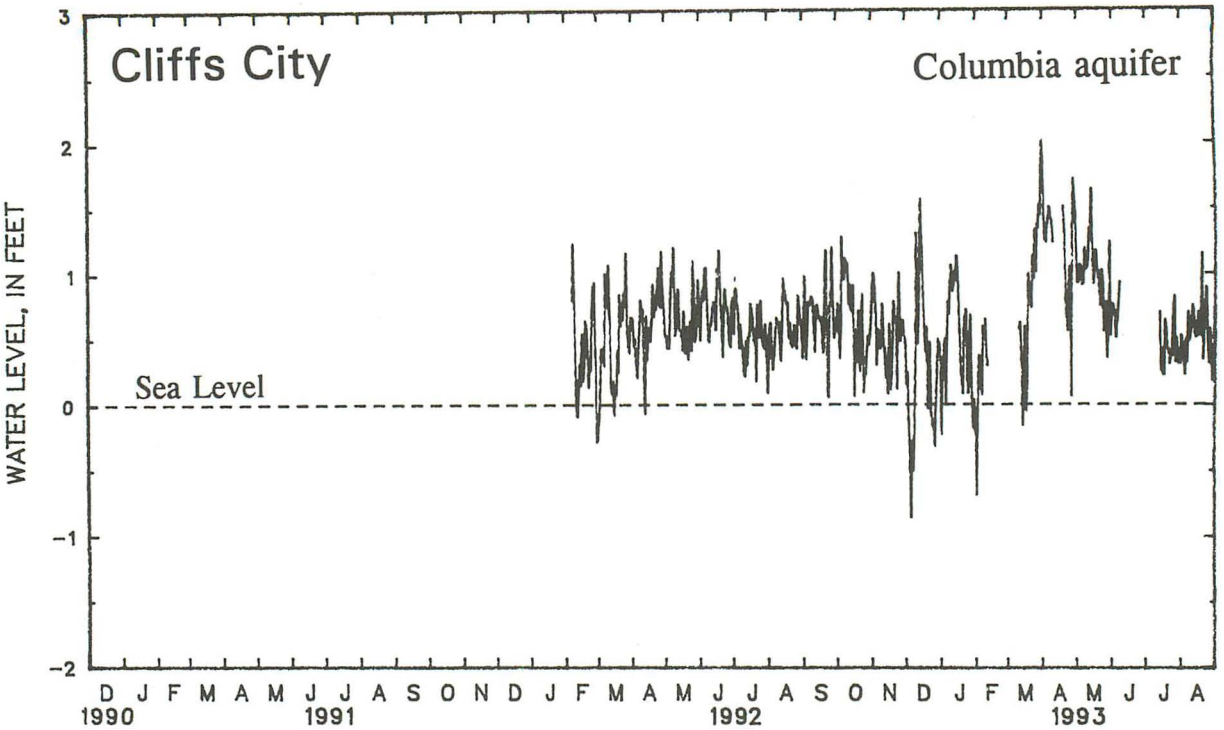


KE Cb 103
Daily low water levels

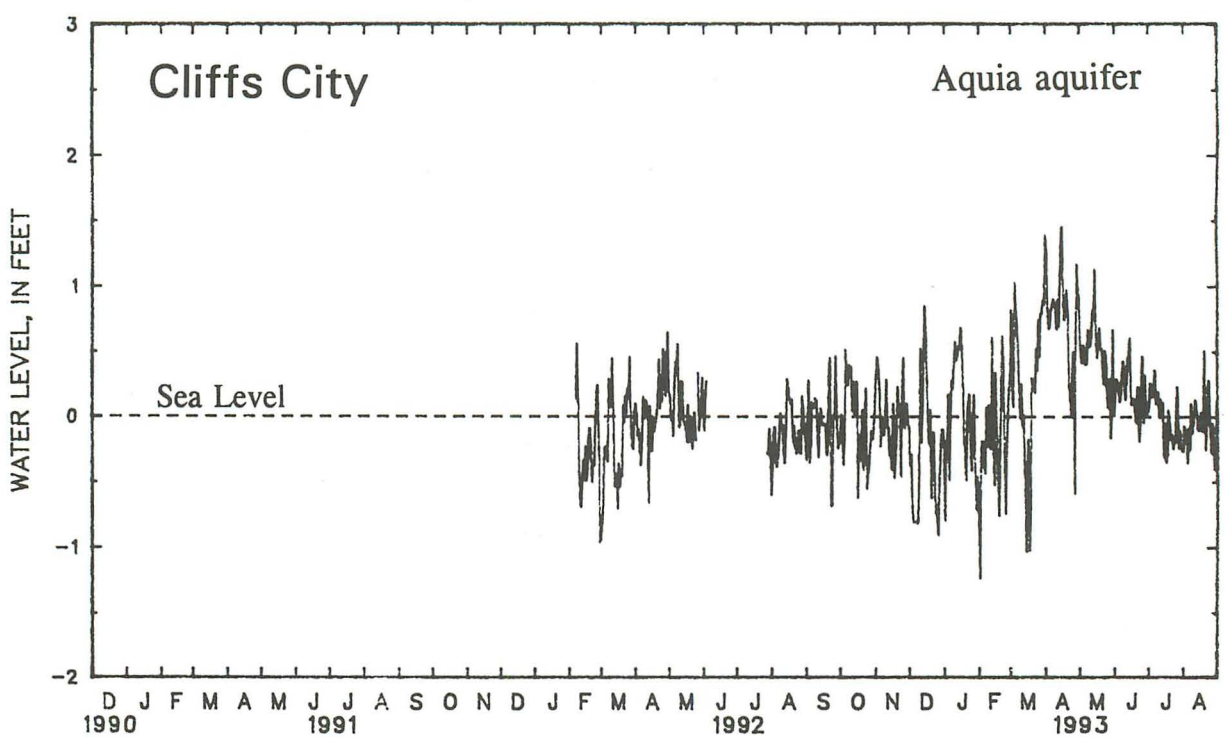


KE Cd 53
Daily low water levels

Figure 2. — Hydrographs showing water levels in wells, December 1991 to August 1993 — Continued.

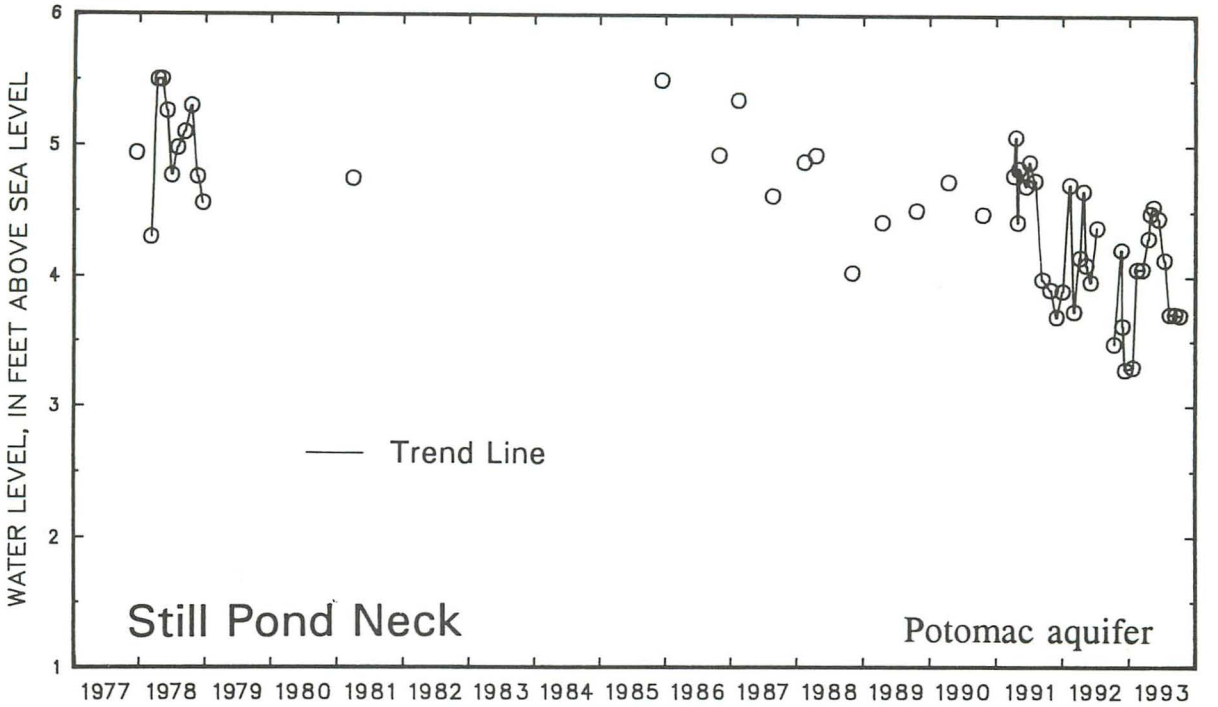


KE Dc 89
Daily low water levels

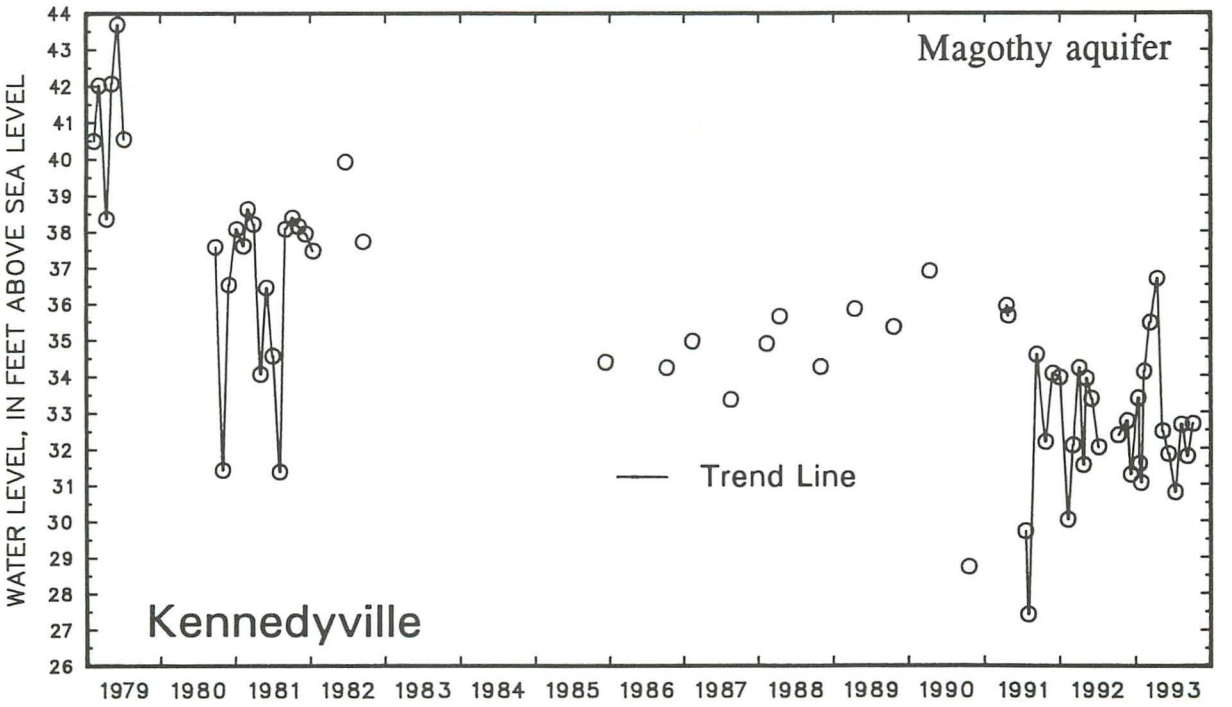


KE Dc 91
Daily low water levels

Figure 2. — Hydrographs showing water levels in wells, December 1991 to August 1993 — Continued.

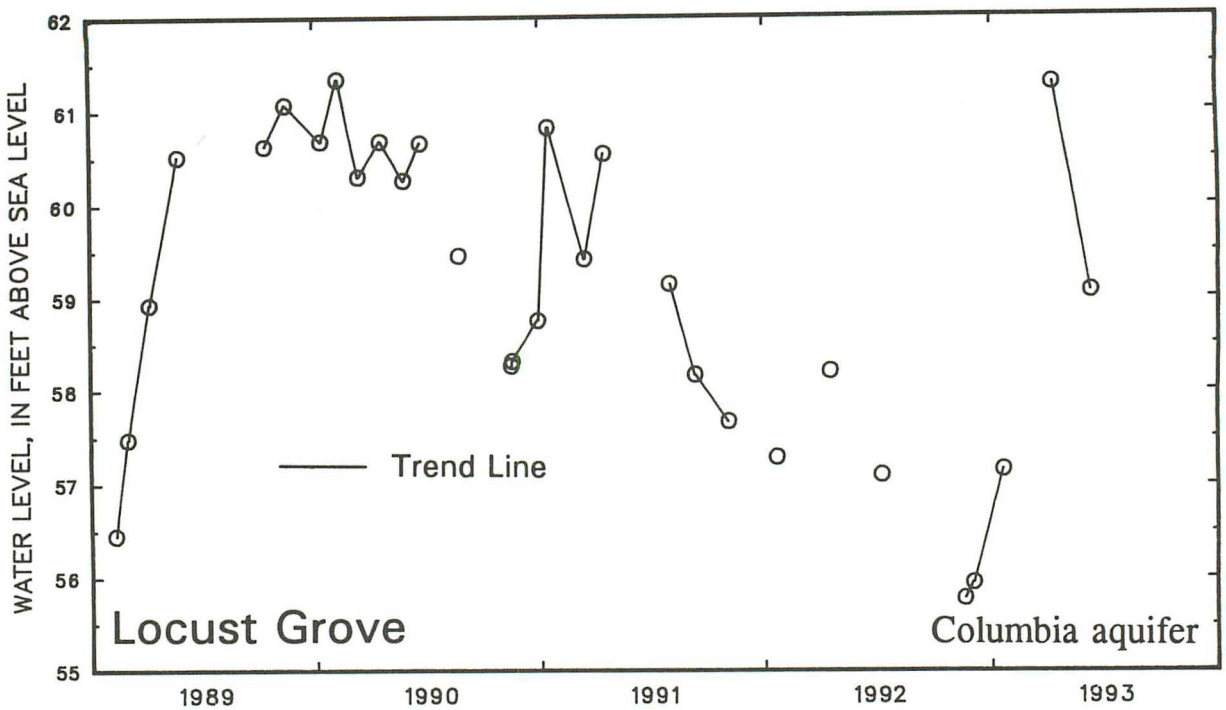


KE Ac 20

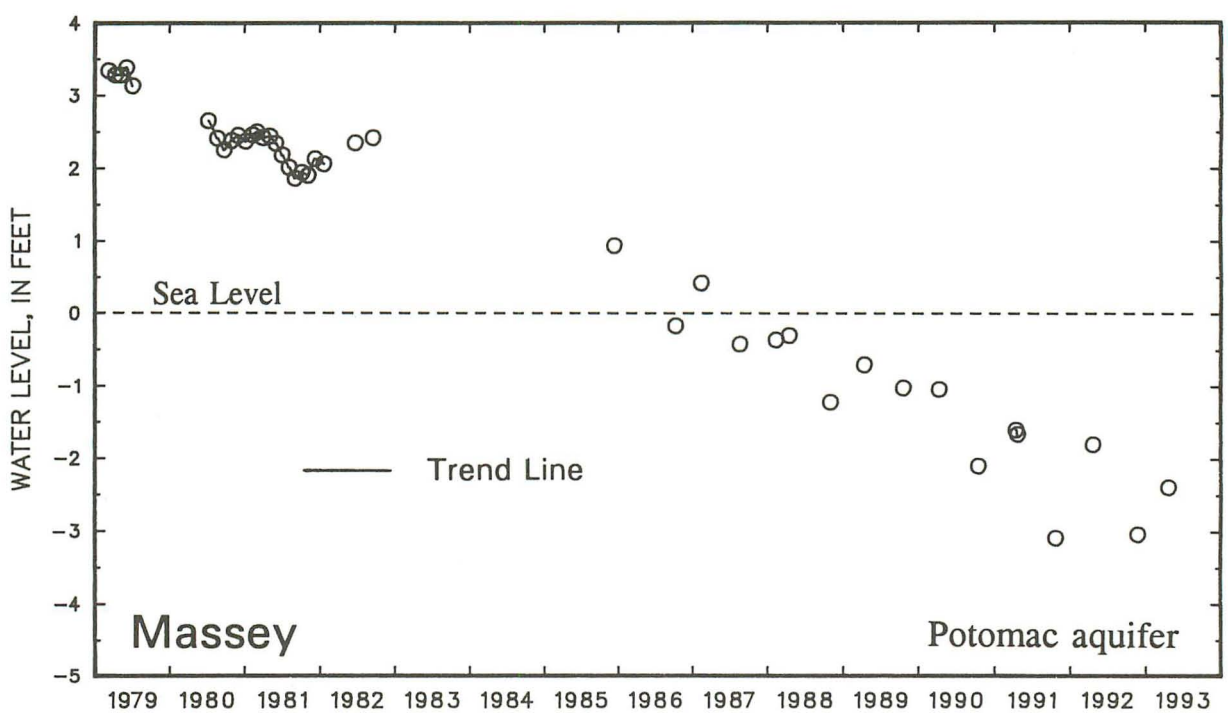


KE Be 43

Figure 3. — Hydrographs showing water levels in wells with long-term records.

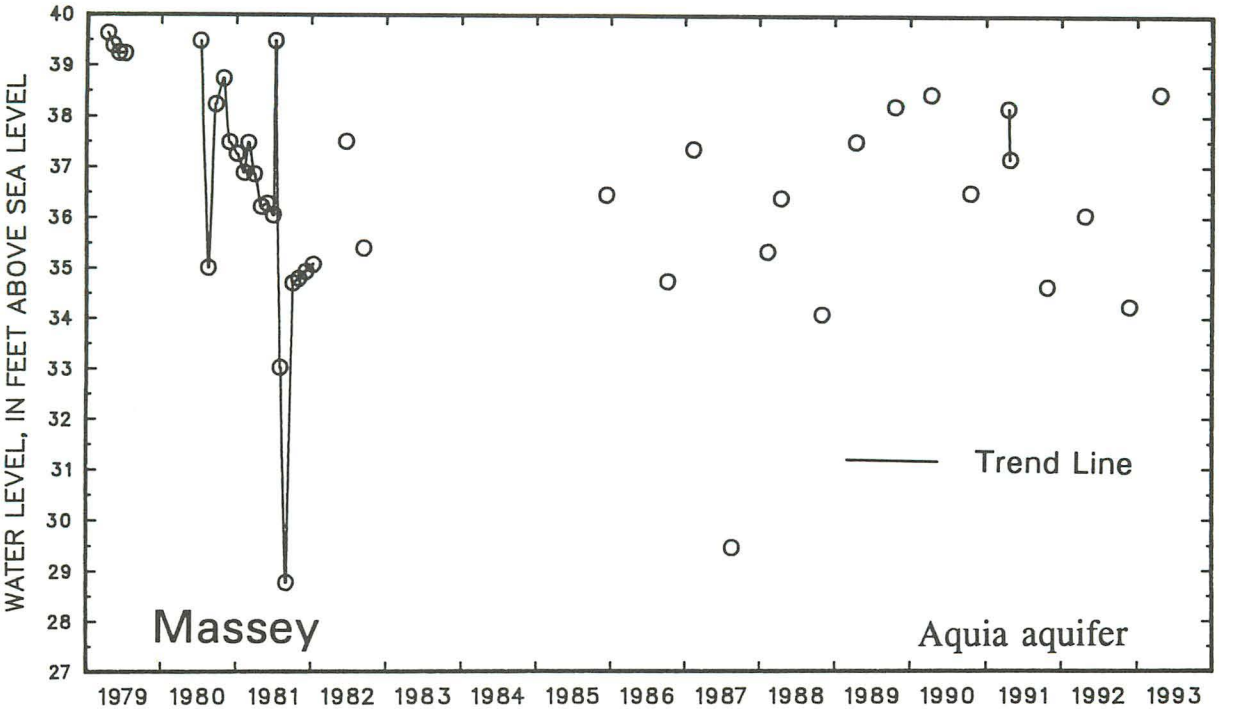


KE Be 55

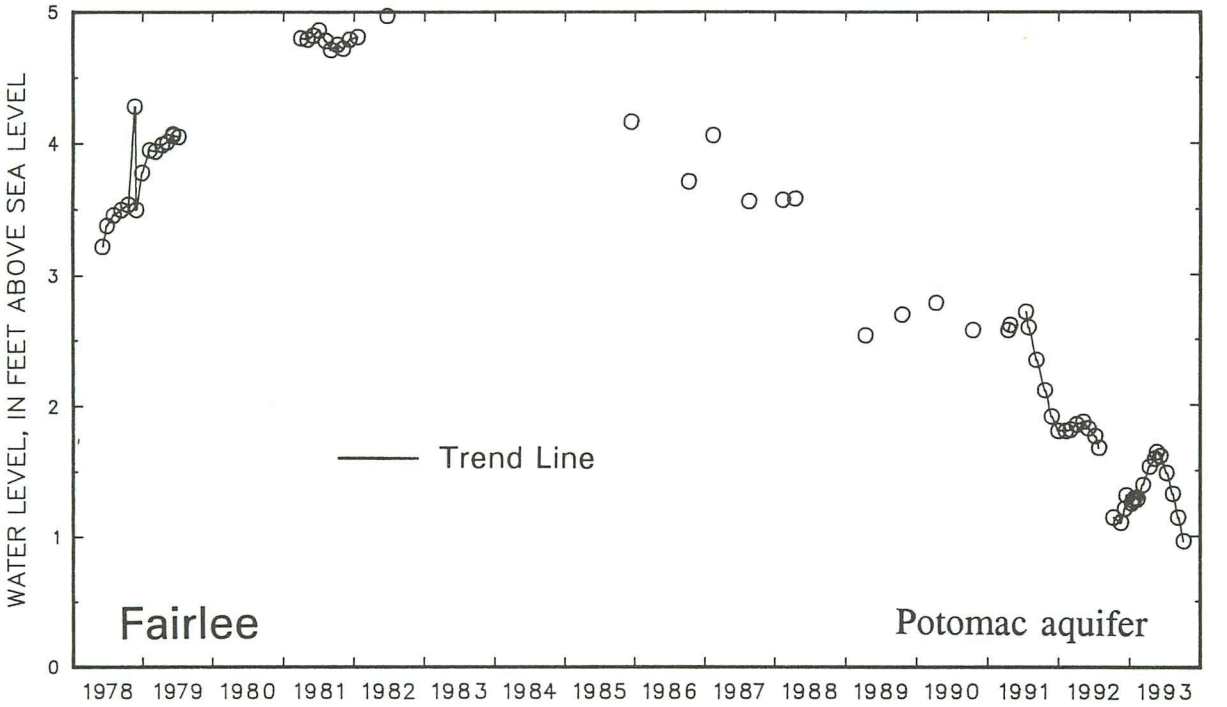


KE Bg 33

Figure 3. — Hydrographs showing water levels in wells with long-term records — Continued.

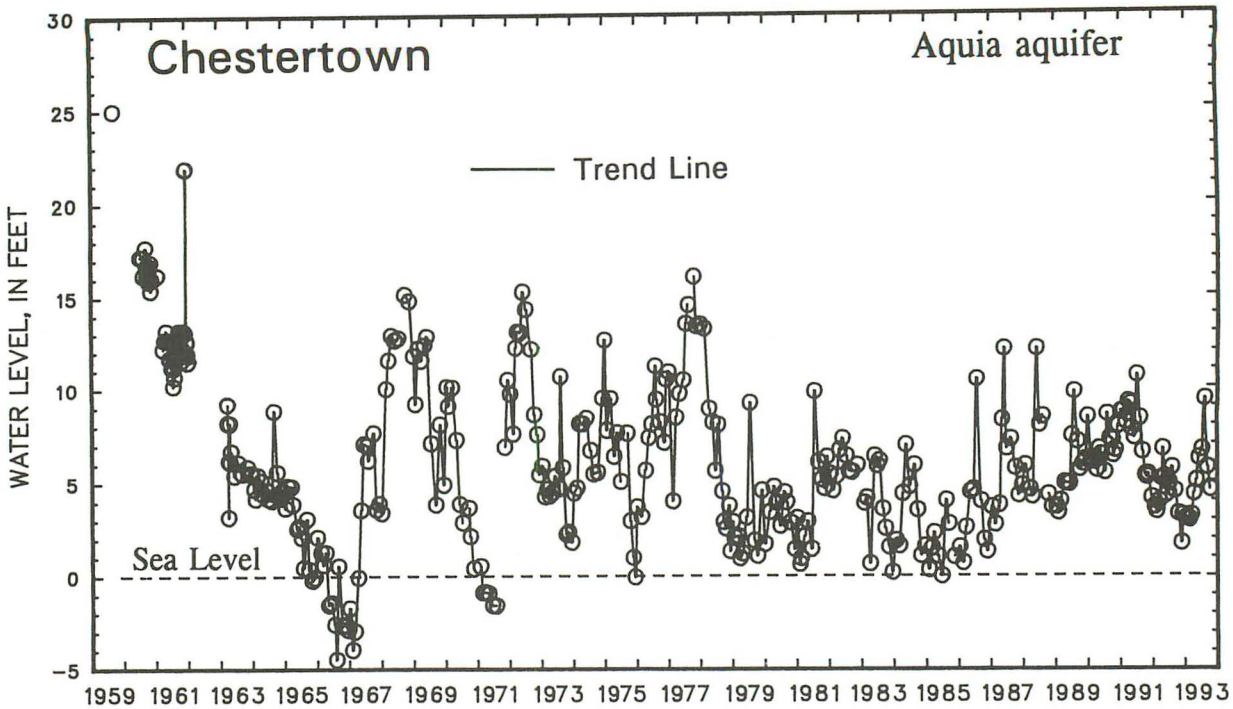


KE Bg 34

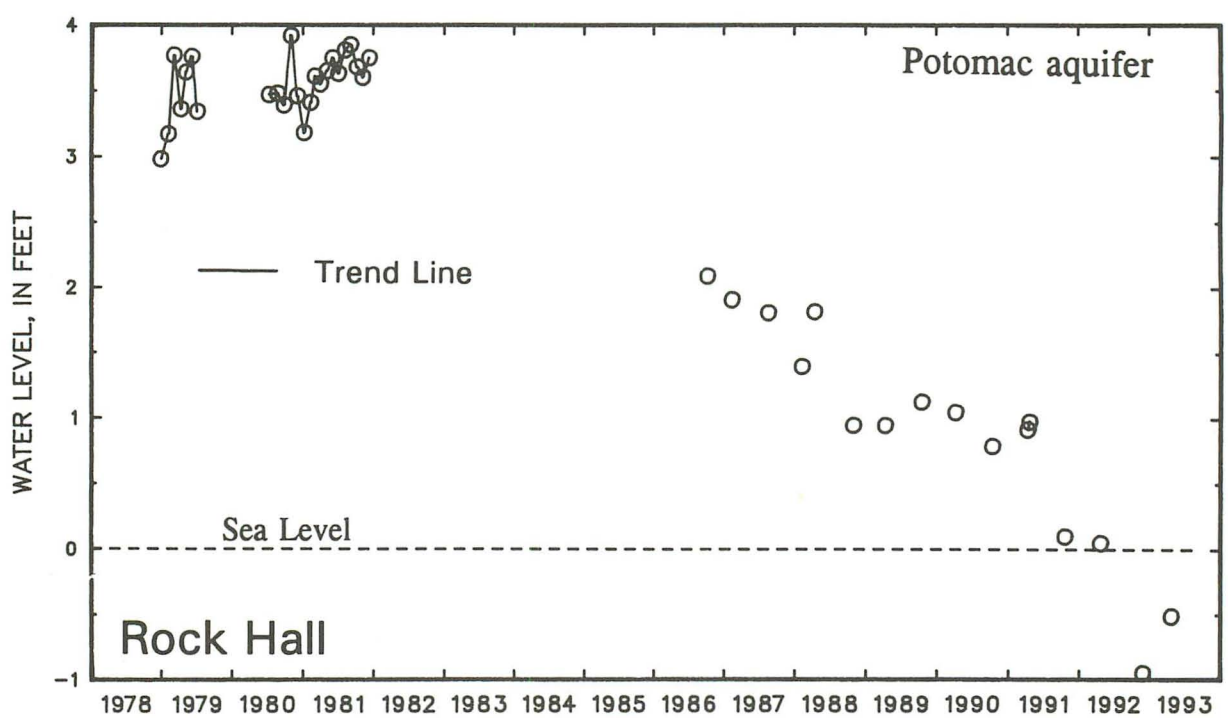


KE Cb 36

Figure 3. — Hydrographs showing water levels in wells with long-term records — Continued.



KE Cd 44



KE Db 40

Figure 3. — Hydrographs showing water levels in wells with long-term records — Continued.

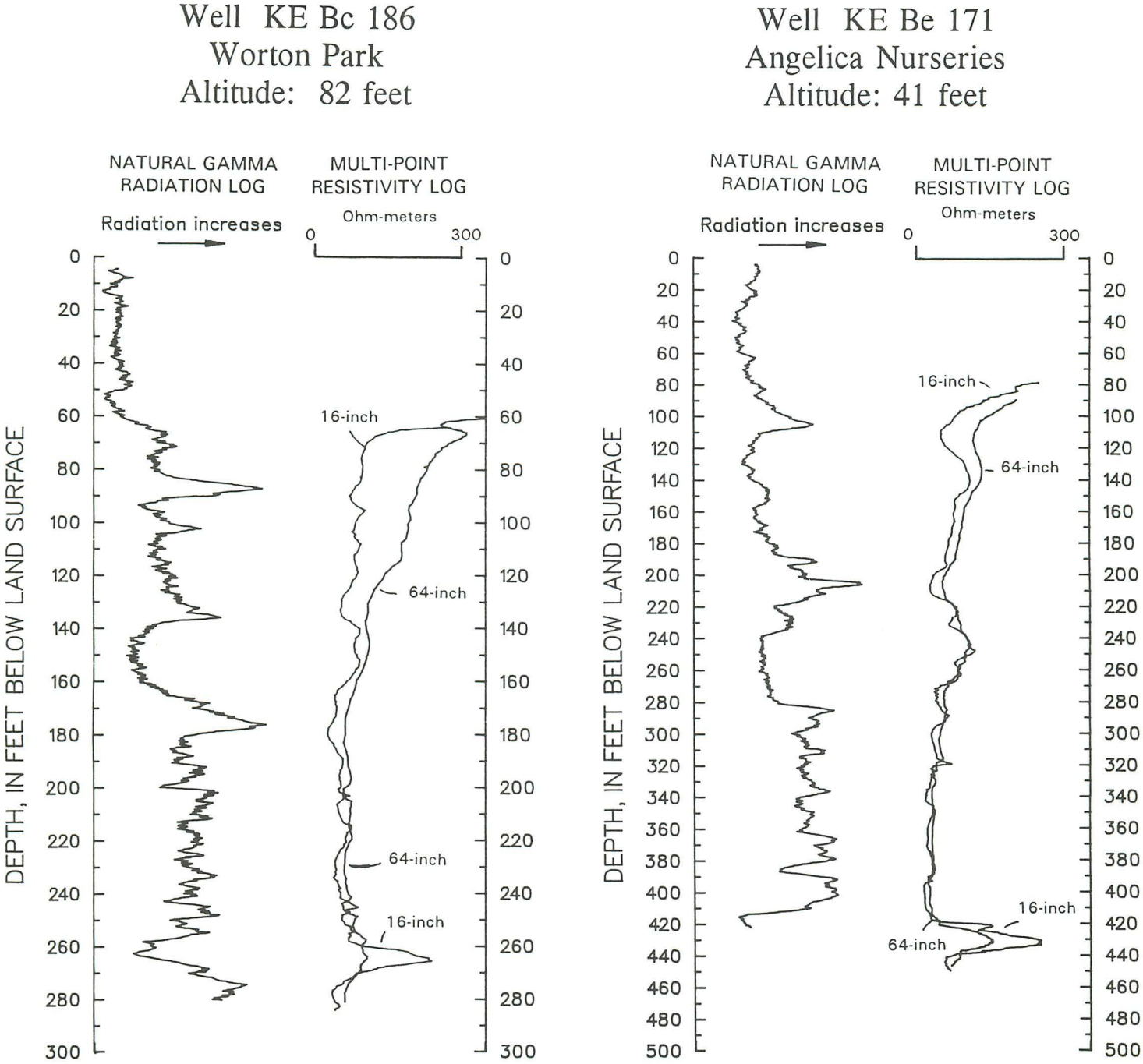
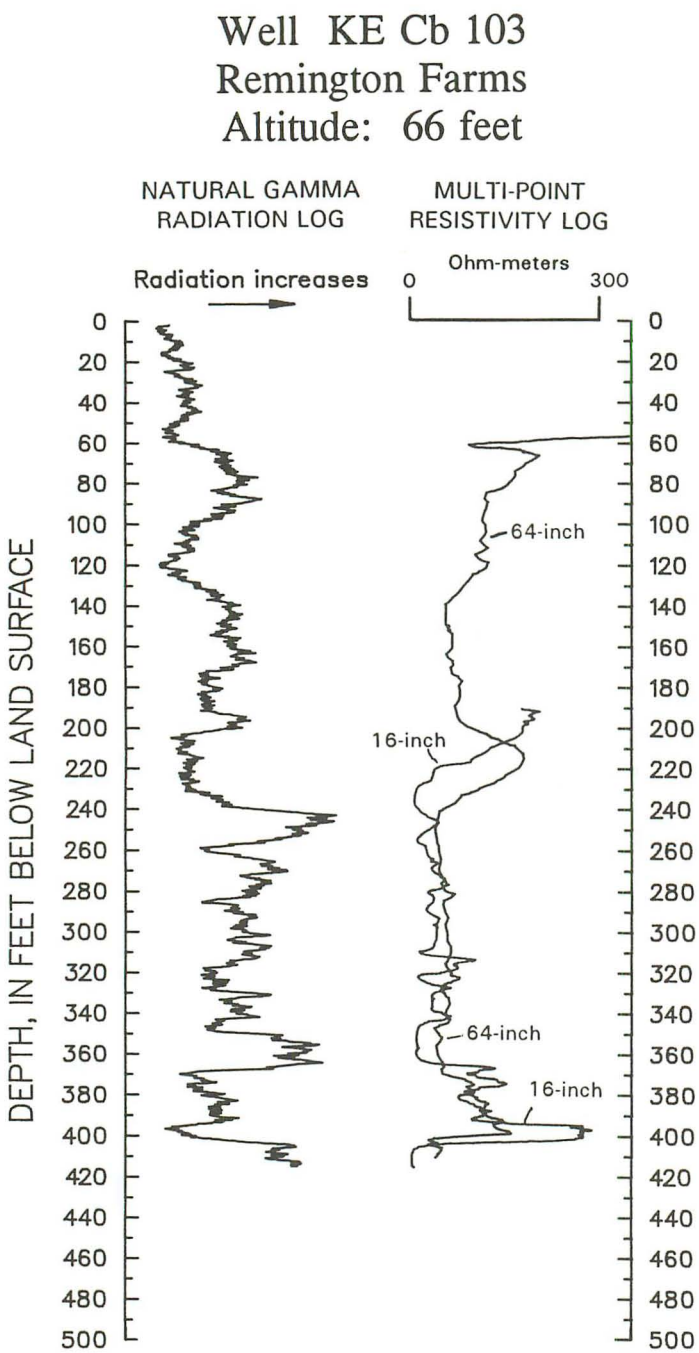


Figure 4. — Geophysical logs of test wells.



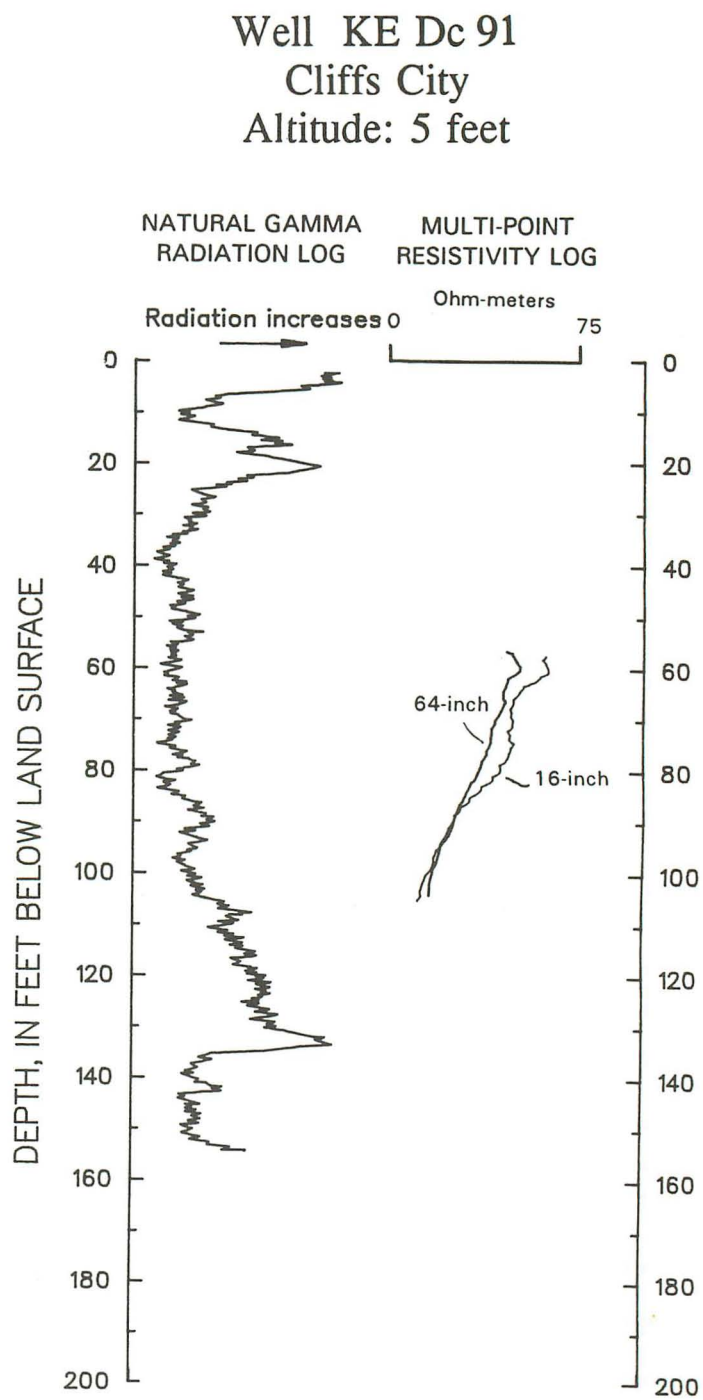


Figure 4. — Geophysical logs of test wells — Continued.

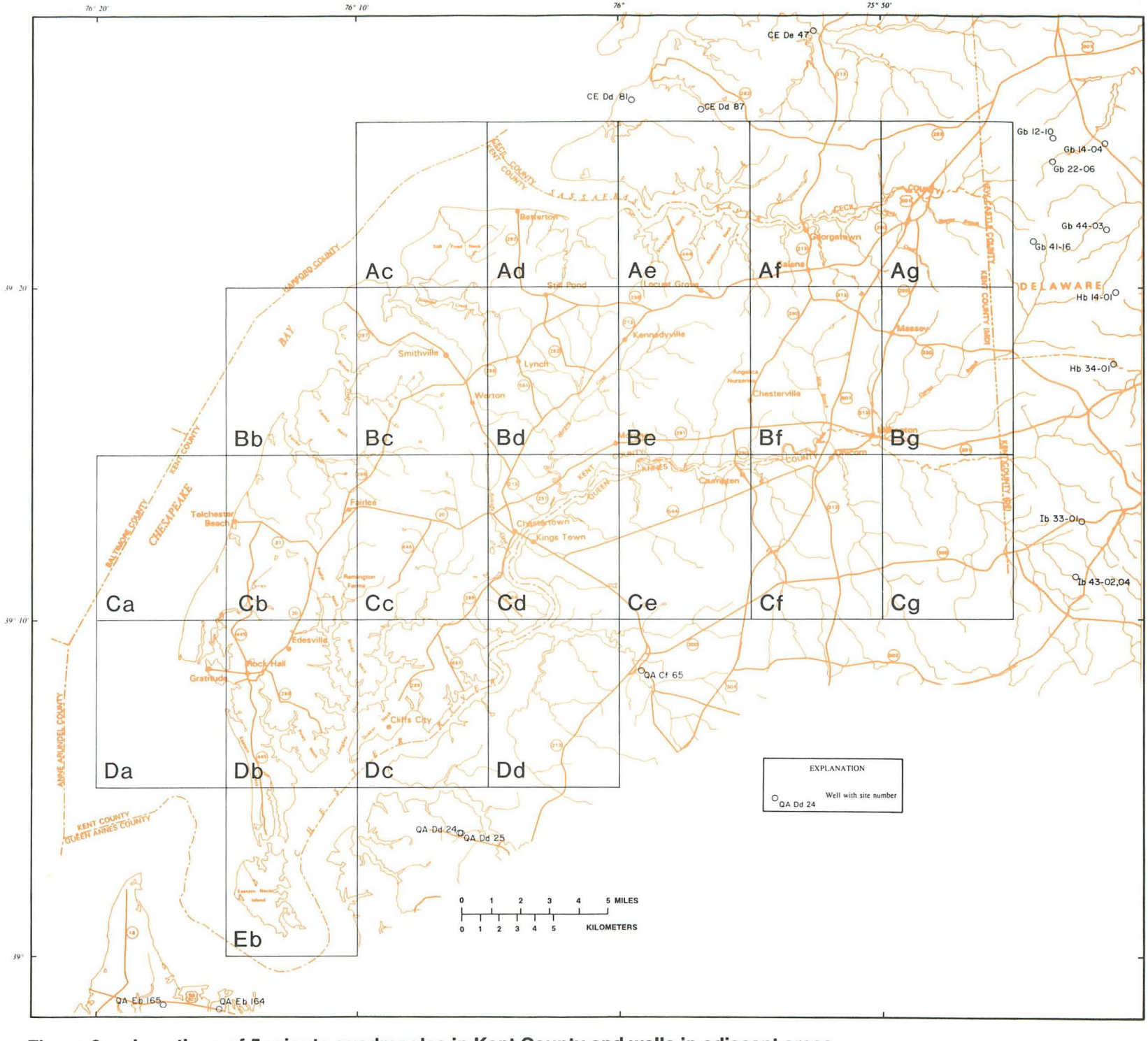


Figure 6. — Locations of 5-minute quadrangles in Kent County and wells in adjacent areas.

MAPS SHOWING LOCATIONS OF WELLS AND SPRINGS

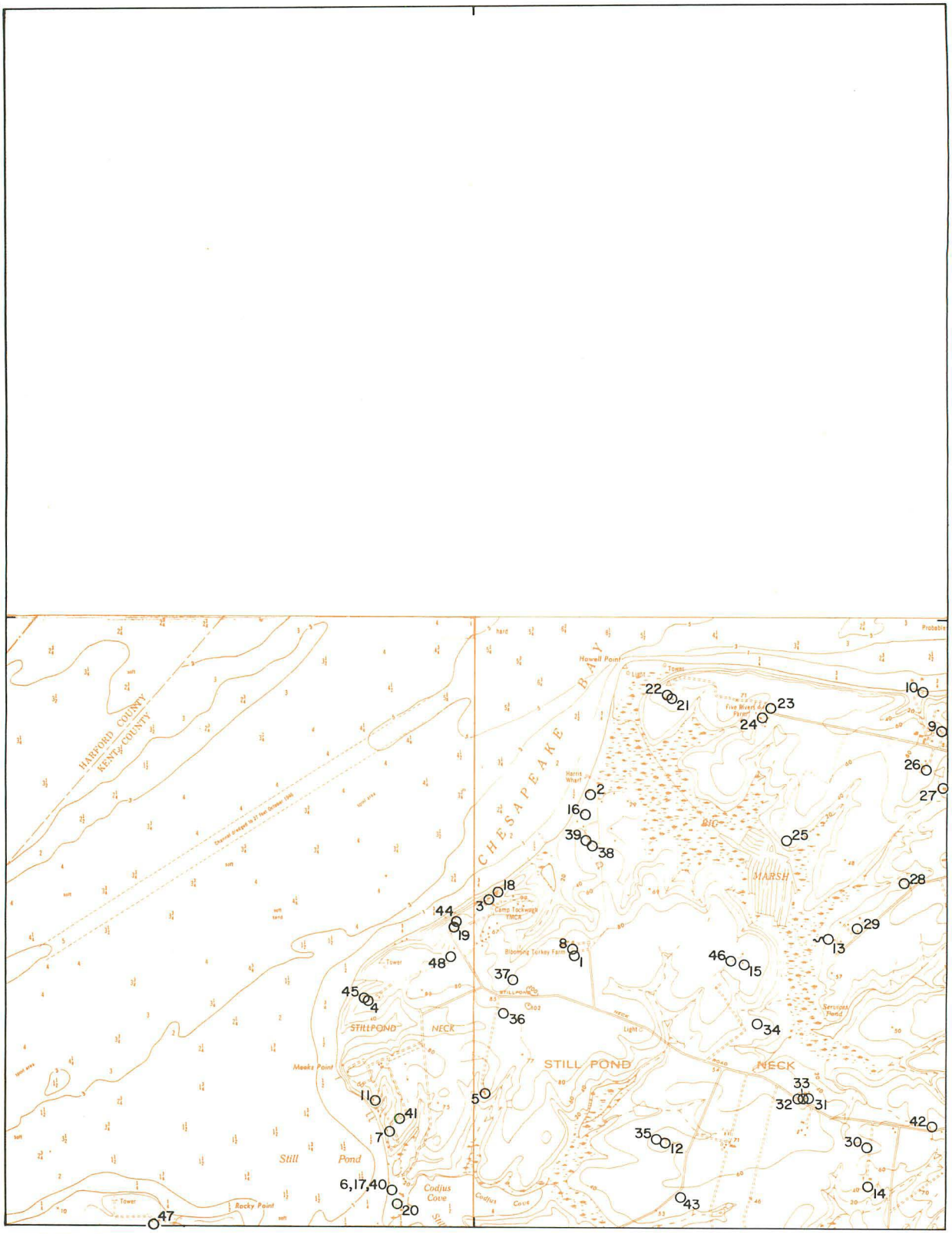
MAP SYMBOLS

○ 15 Well with site number

16 Spring with site number

76° 10'

39° 25'



39° 20'

76° 5'

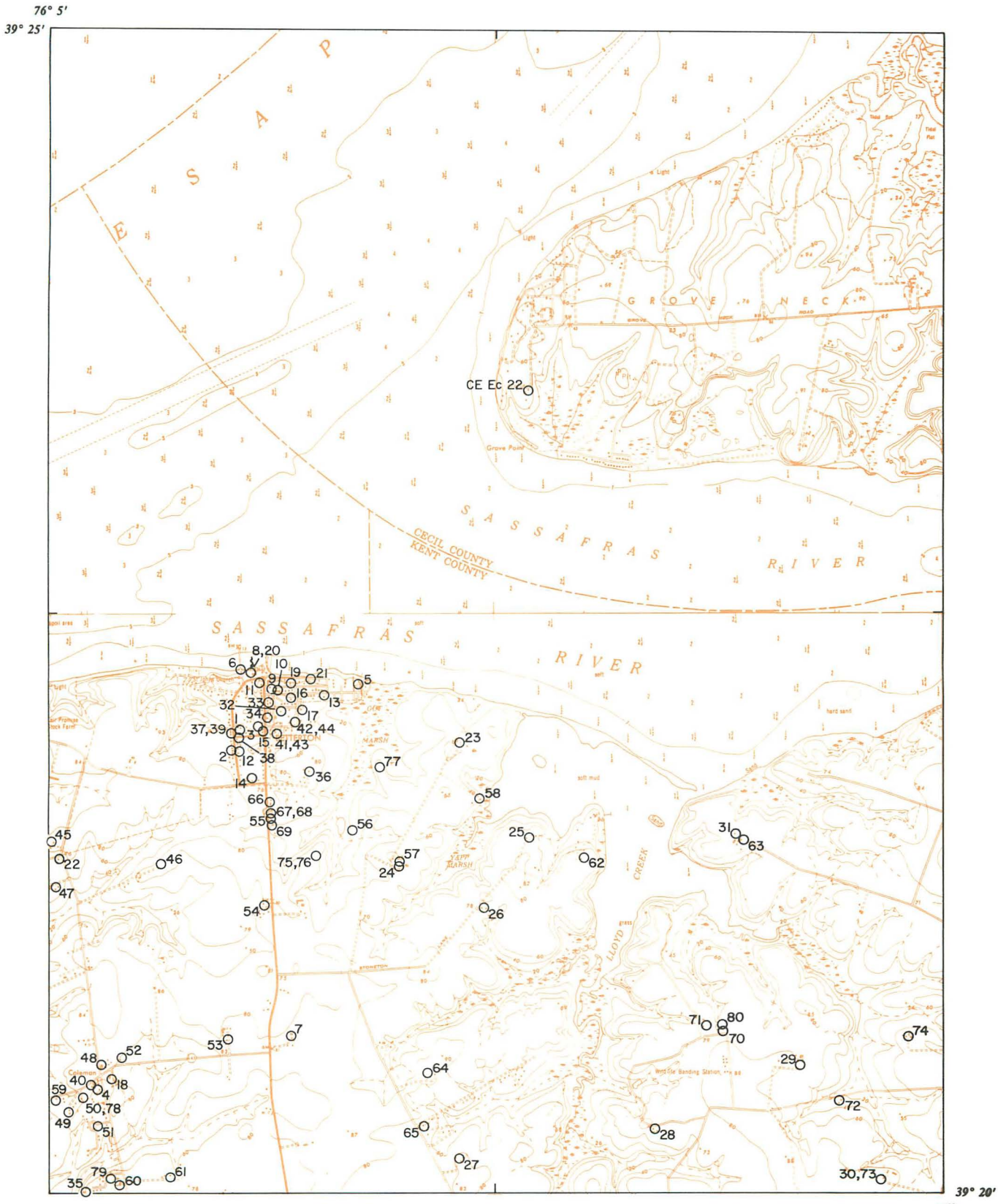
KE Ac

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



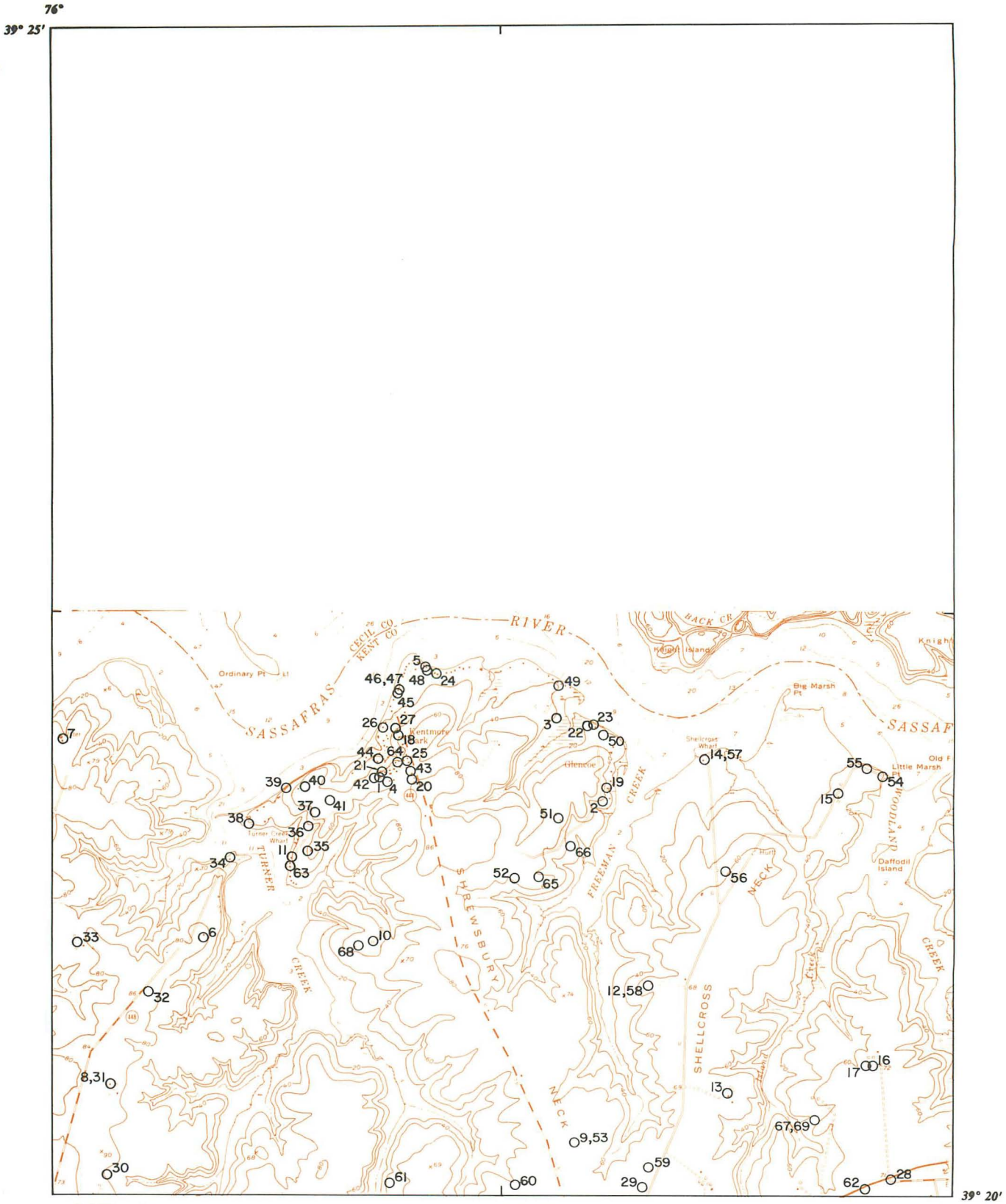
KE Ad
CE Ec

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



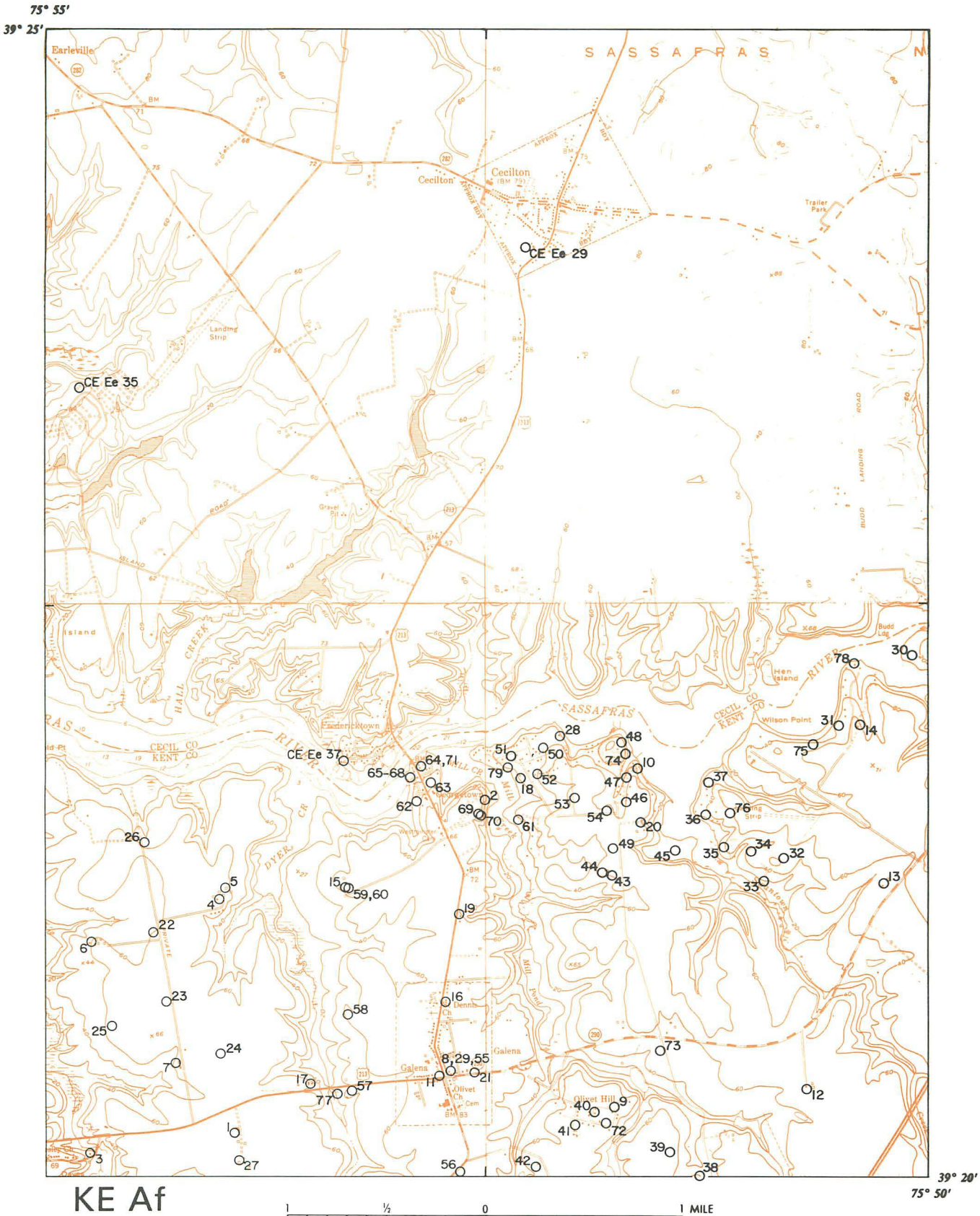
KE Ae

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



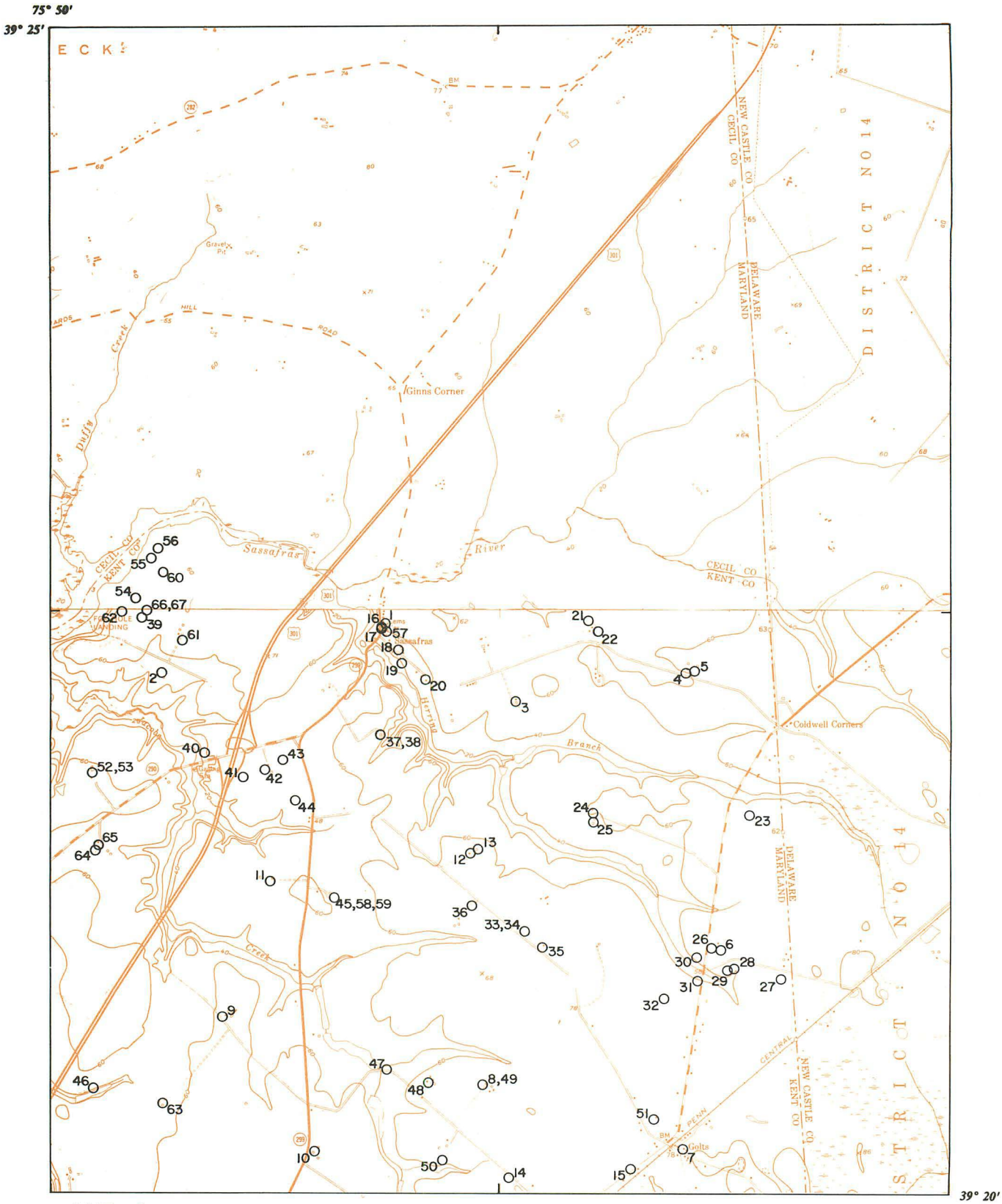
KE Af
CE Ee

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



KE Ag

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929

KE Bb

1 ½ 0 1 MILE

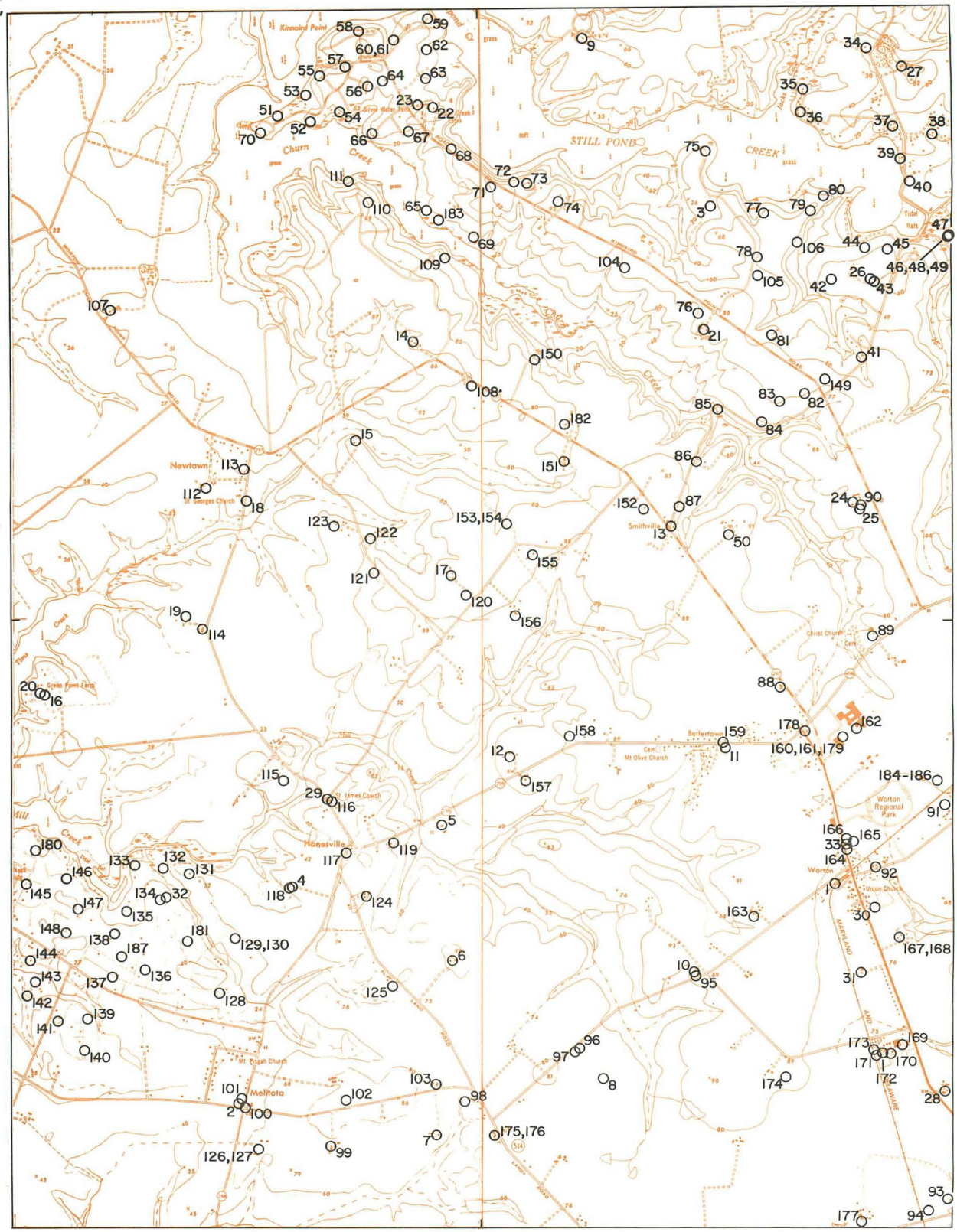
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929

76° 10'

39° 20'



39° 15'

76° 5'

KE Bc

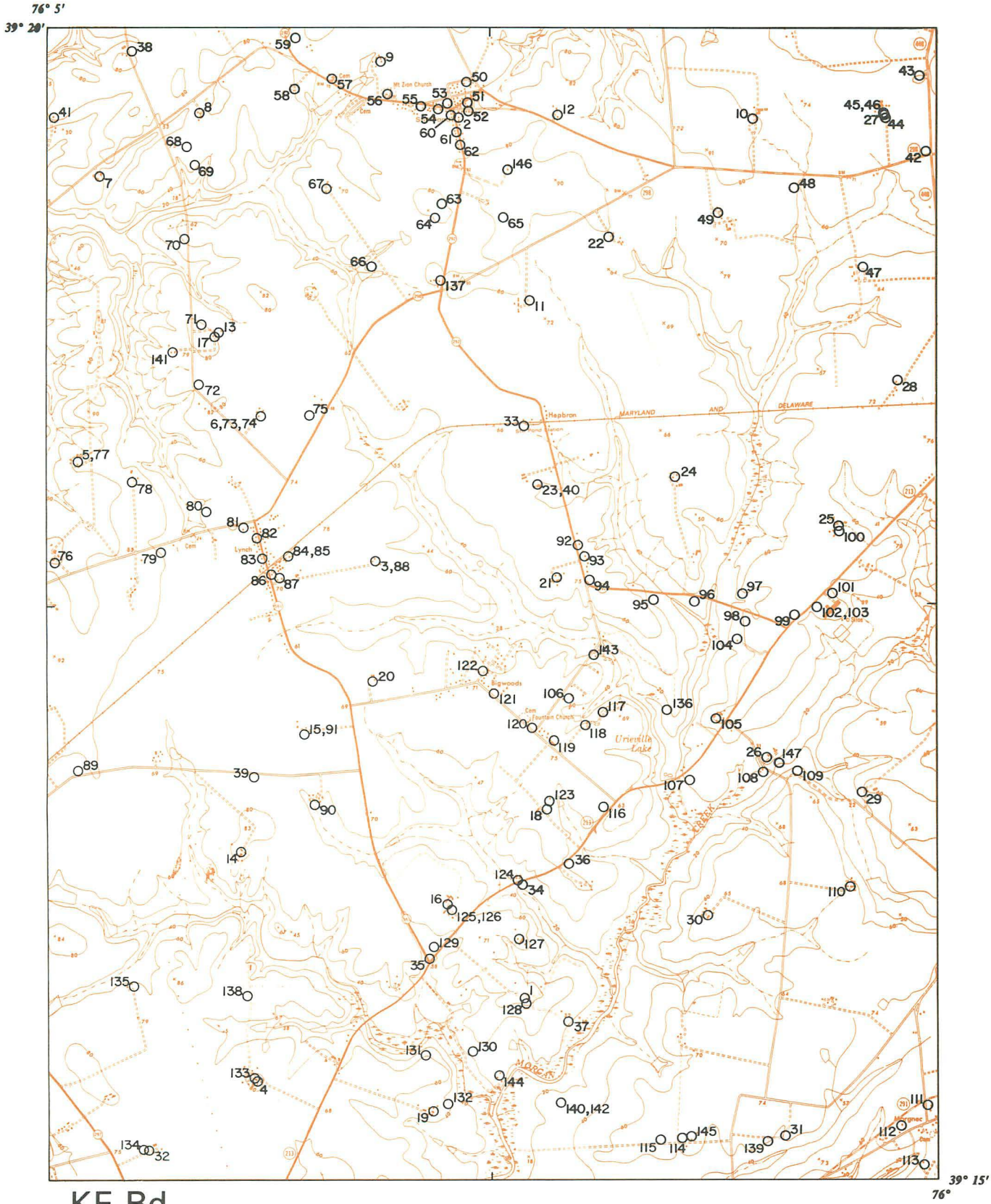
1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET

DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



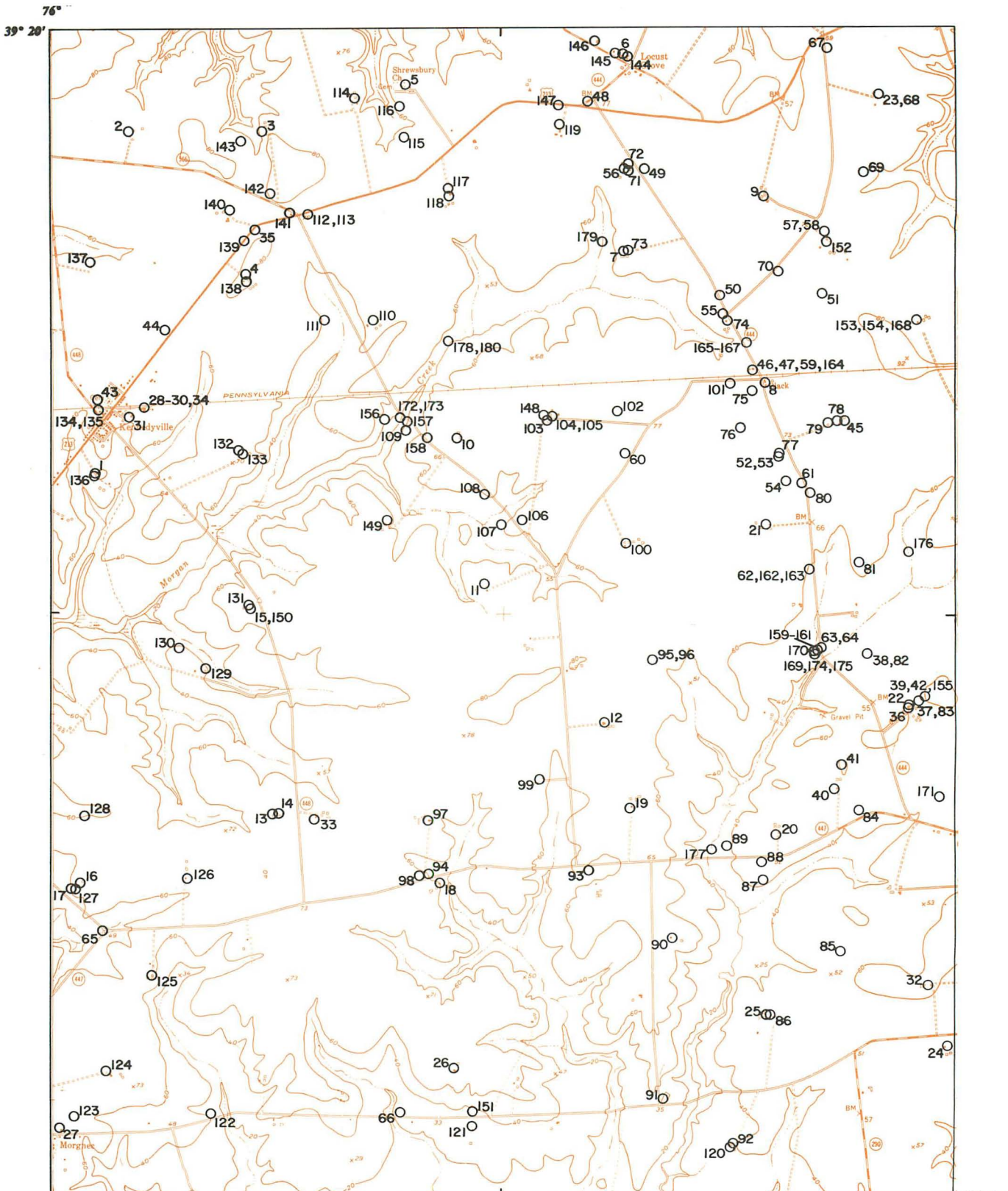
KE Bd

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



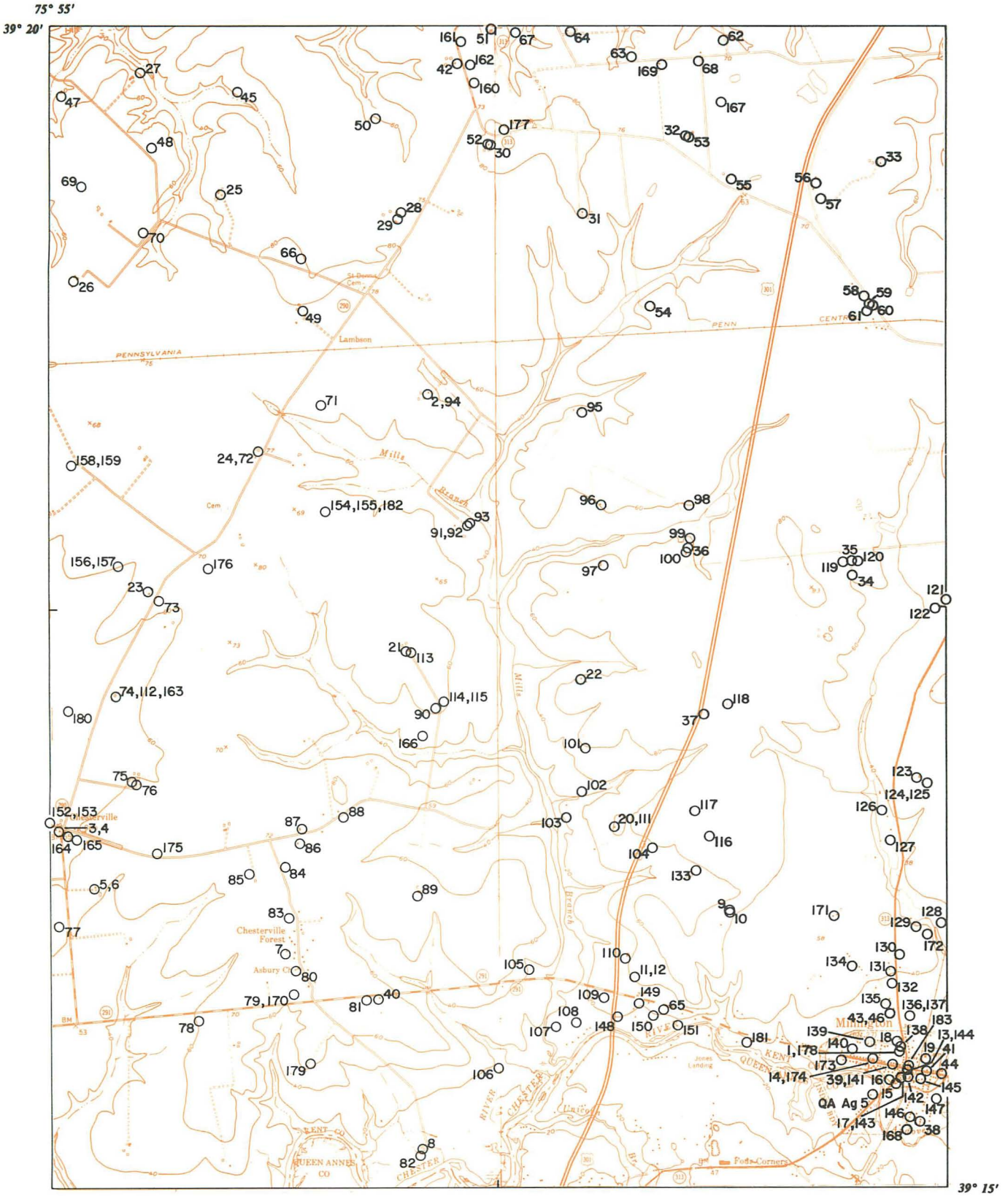
KE Be

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



KE Bf

1 ½ 0 1 MILE

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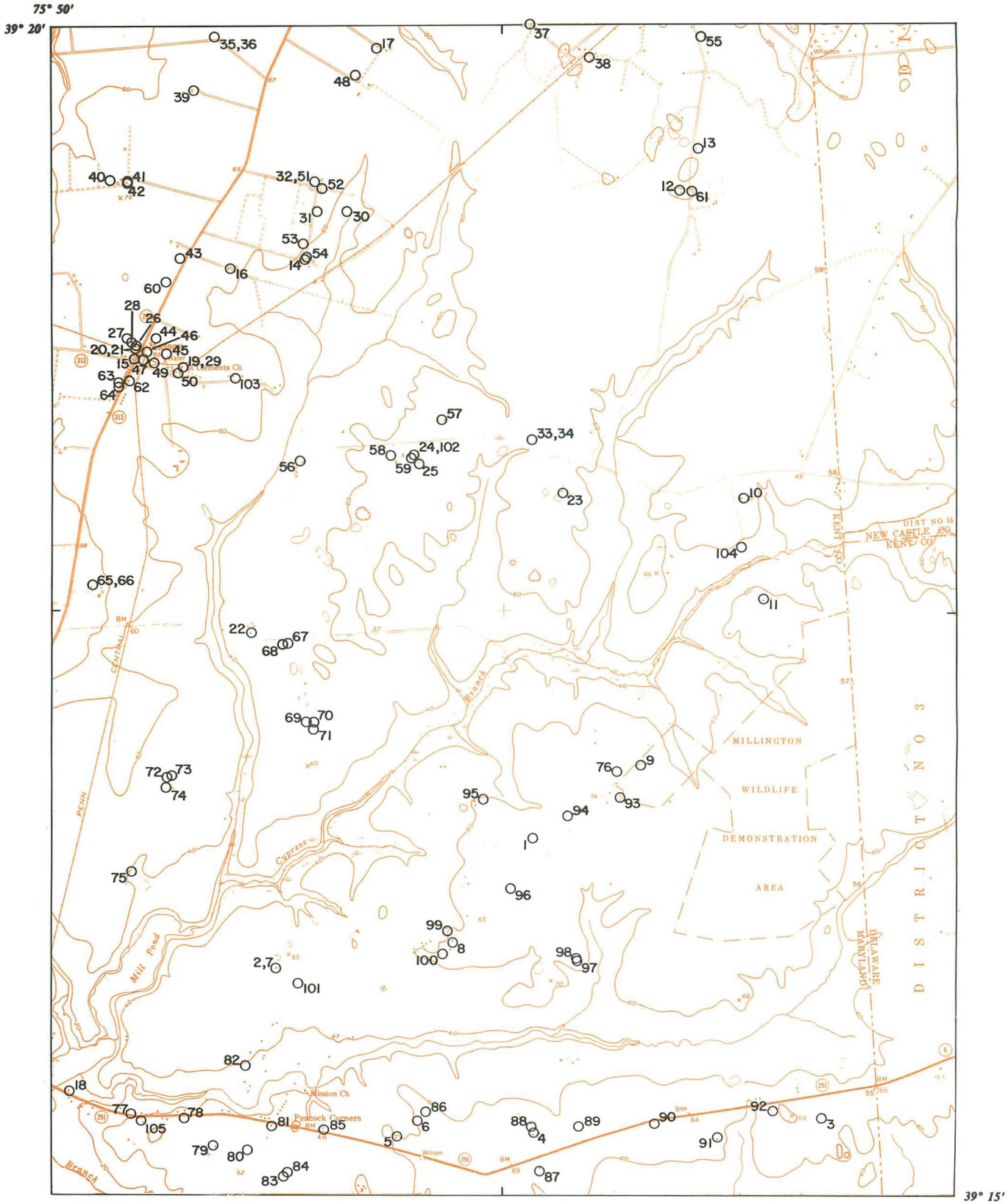
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



KE Bg

1 ½ 0 1 MILE

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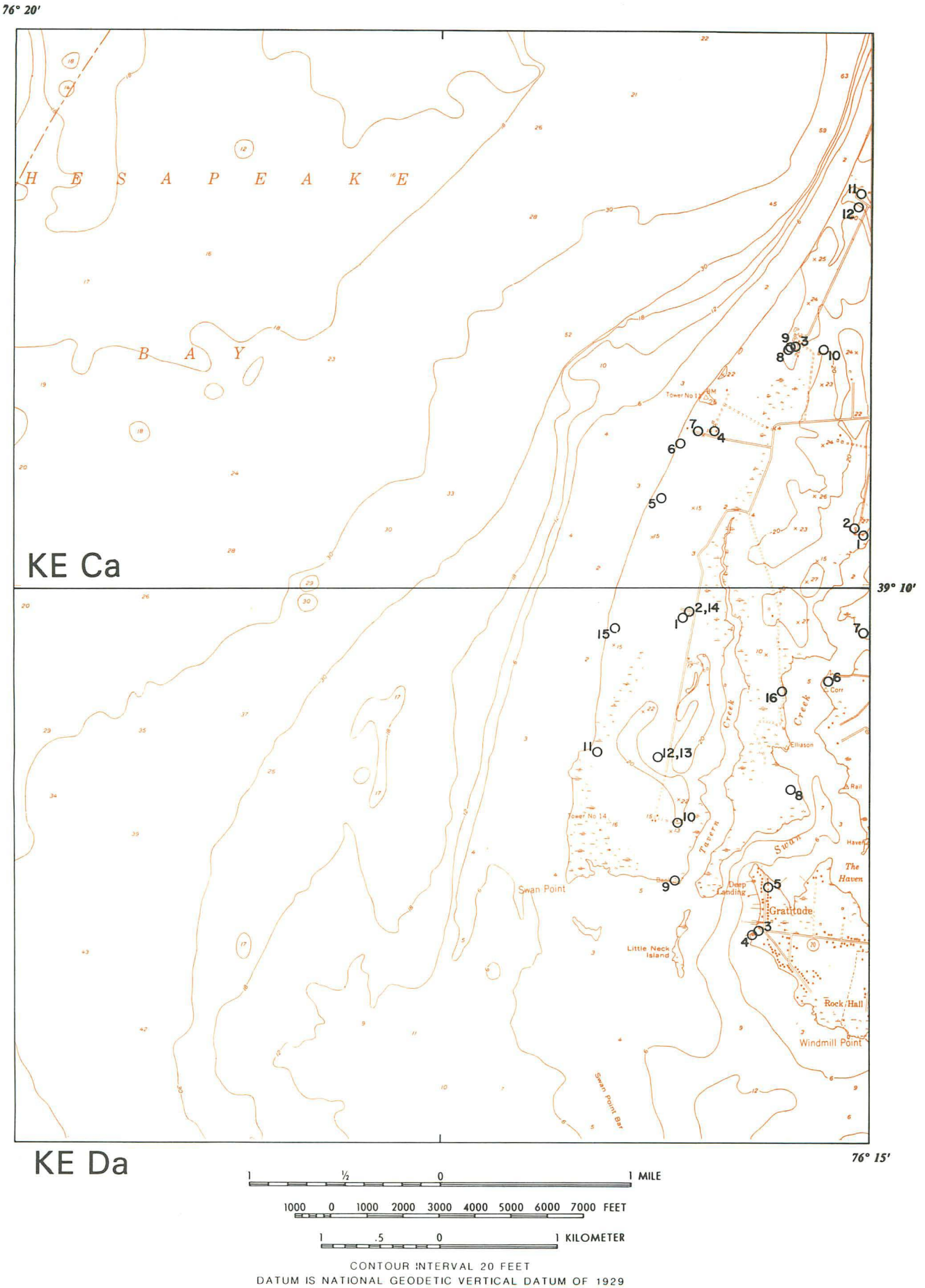
CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929

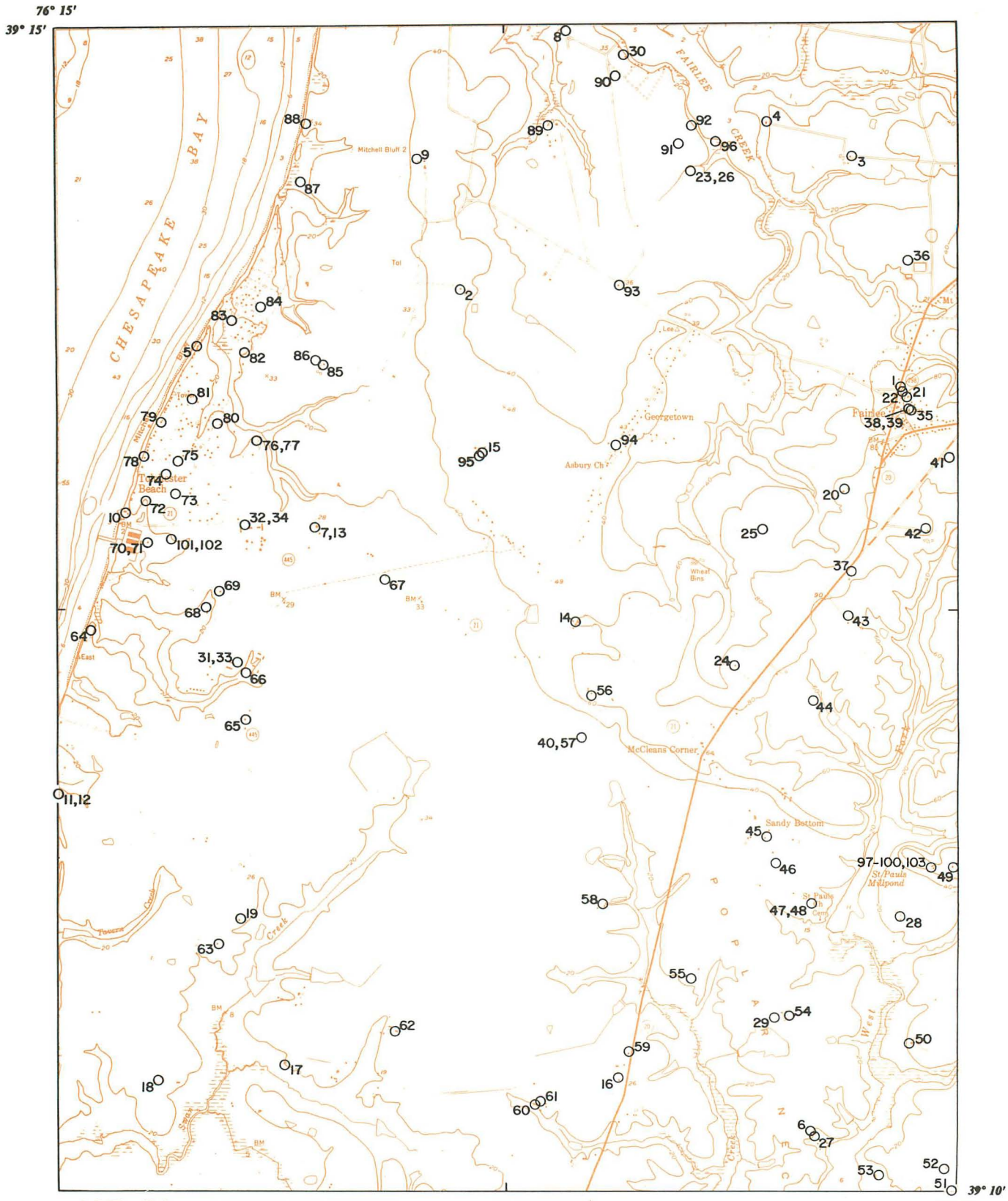


1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



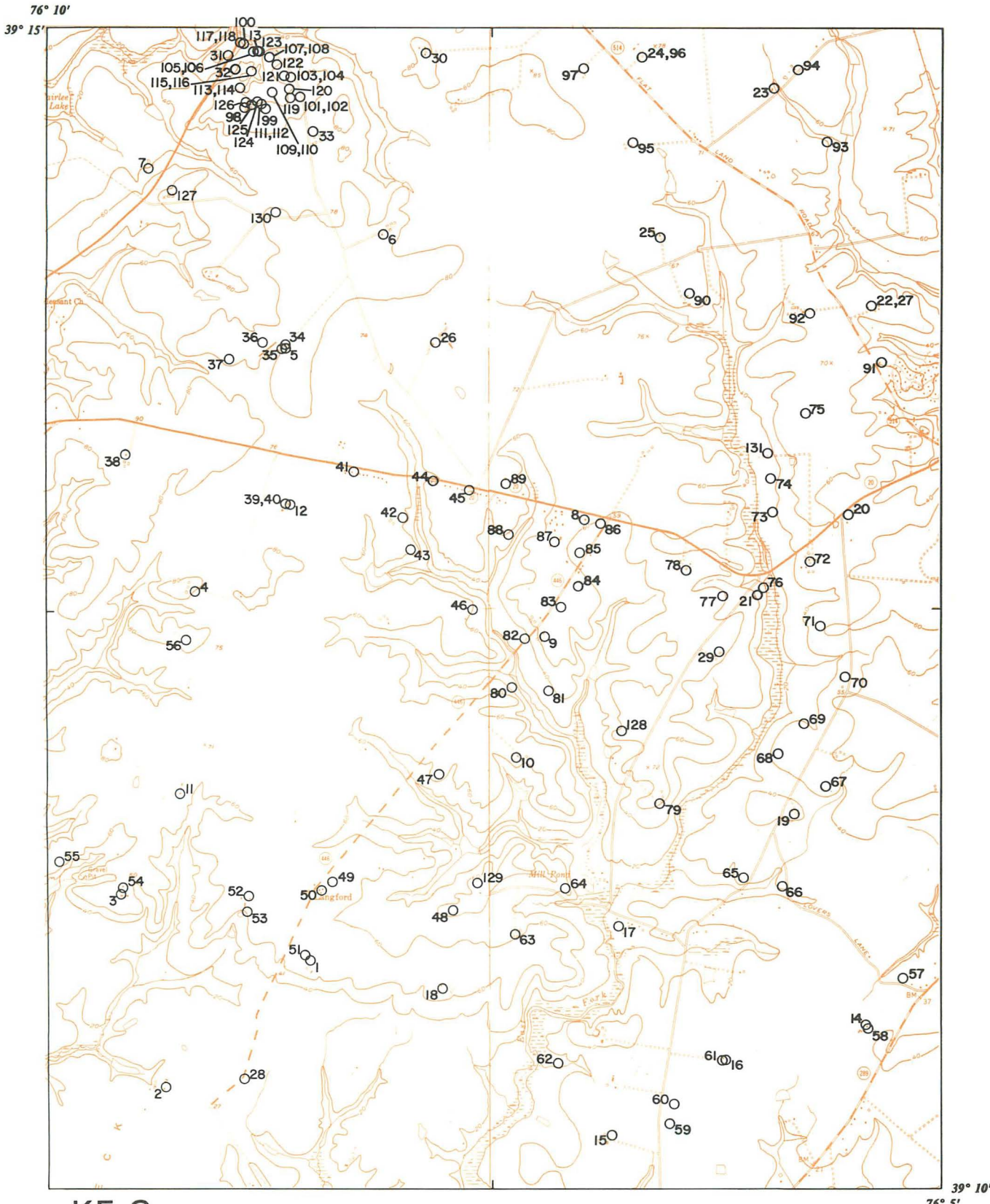
KE Cb

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



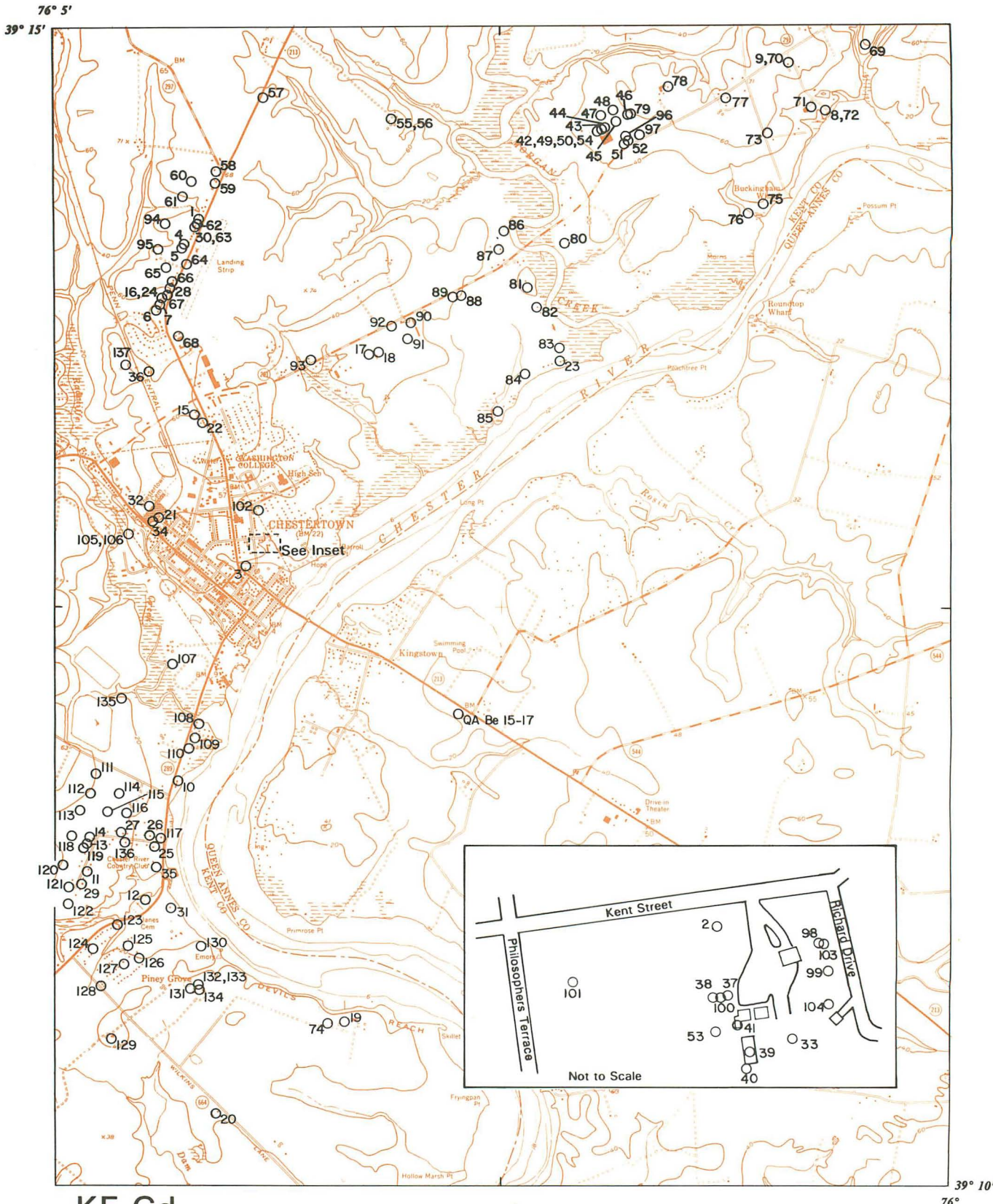
KE Cc

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



KE Cd
QA Be

1 ½ 0 1 MILE

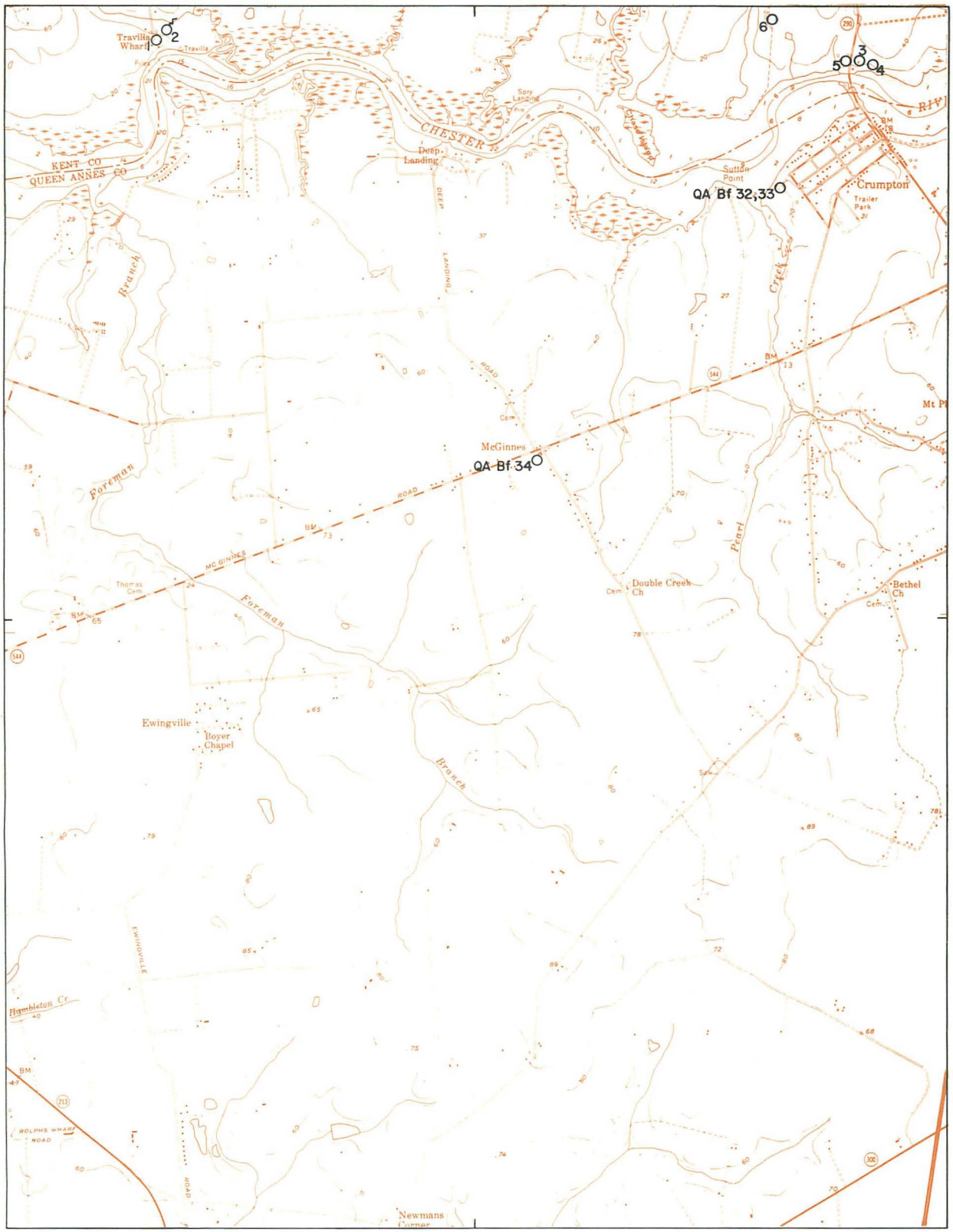
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929

76°

39° 15'



39° 10'

75° 55'

KE Ce
QA Bf

1 ½ 0 1 MILE

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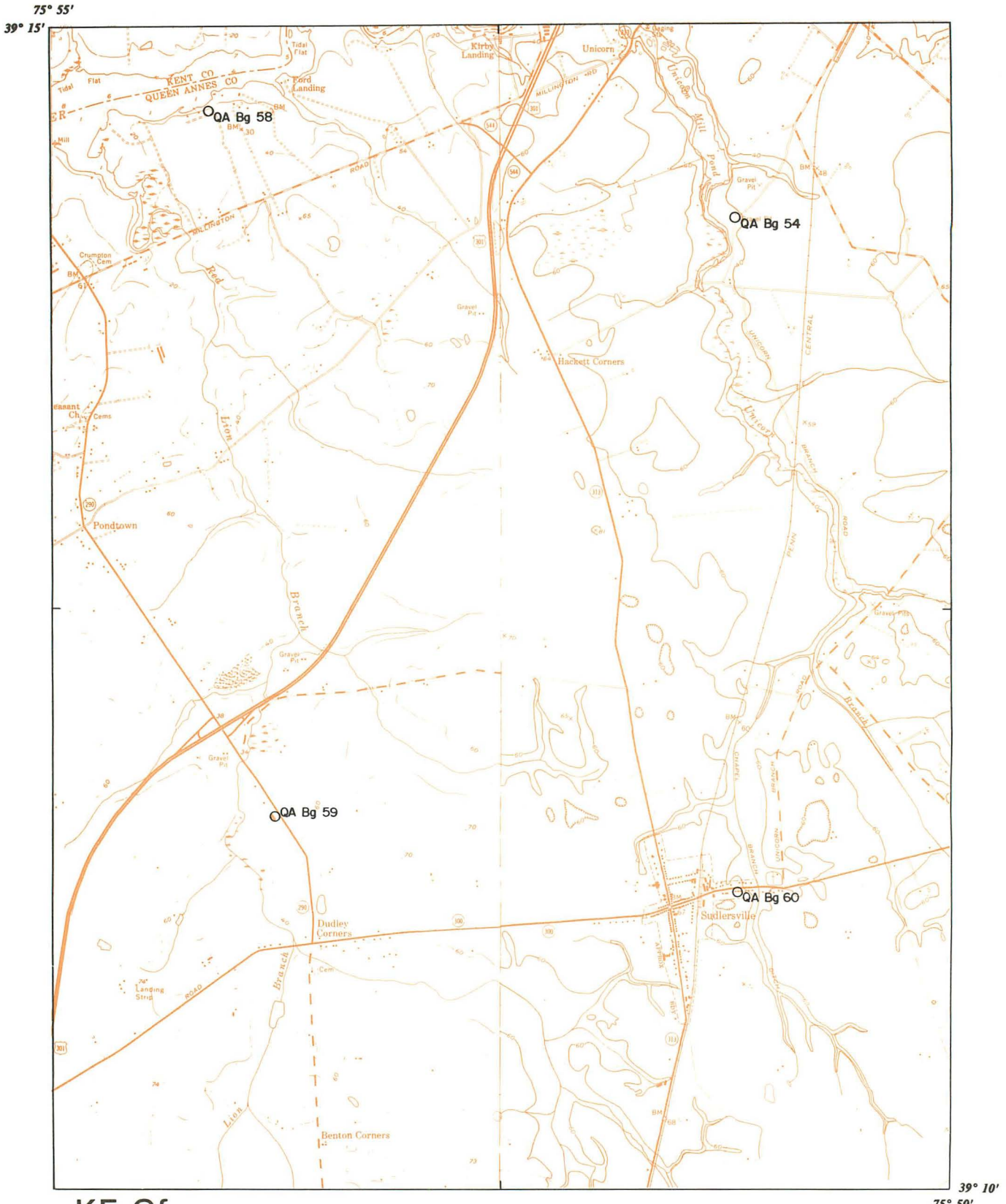
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



KE Cf
QA Bg

1 ½ 0 1 MILE

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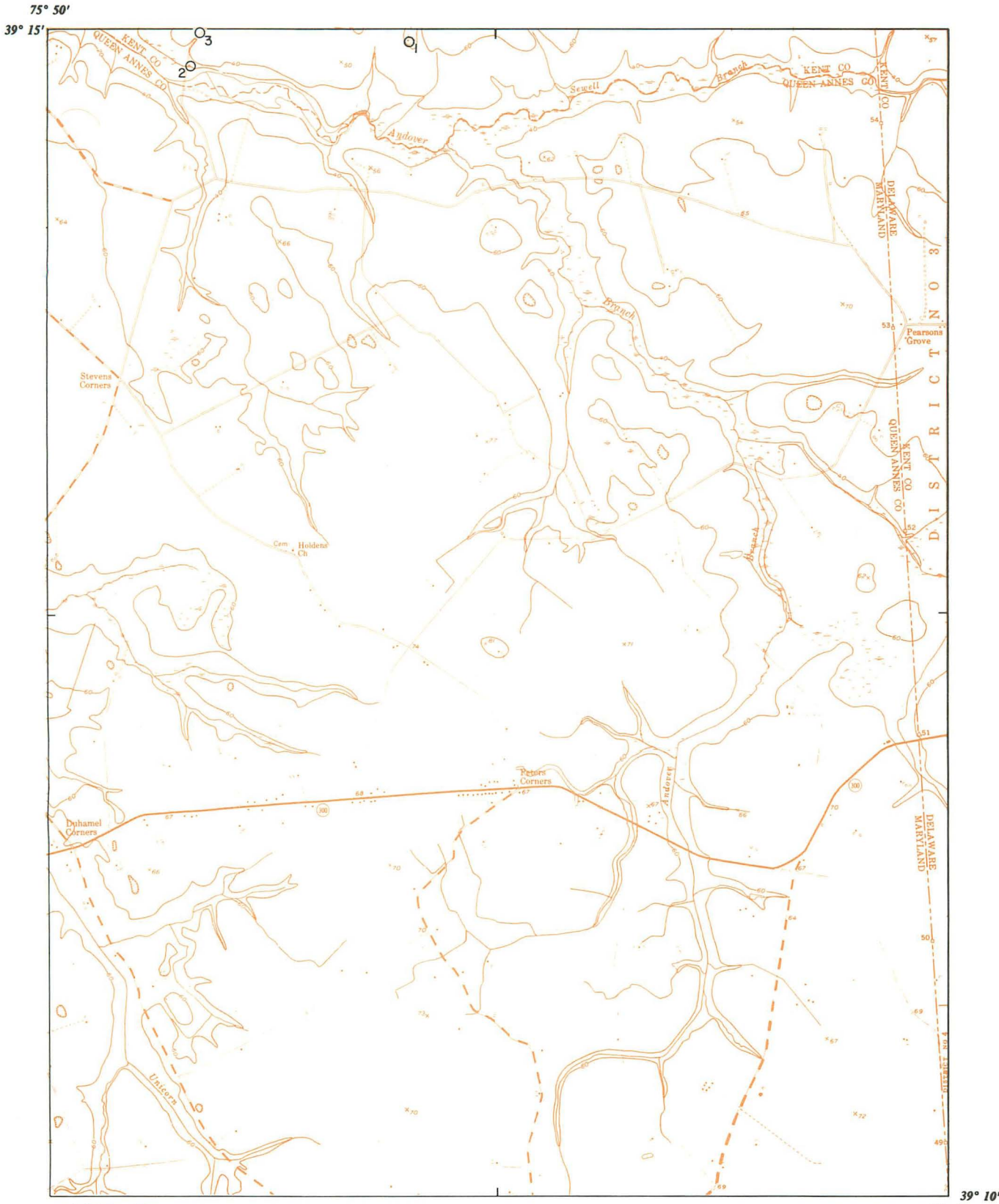
CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



KE Cg

1 ½ 0 1 MILE

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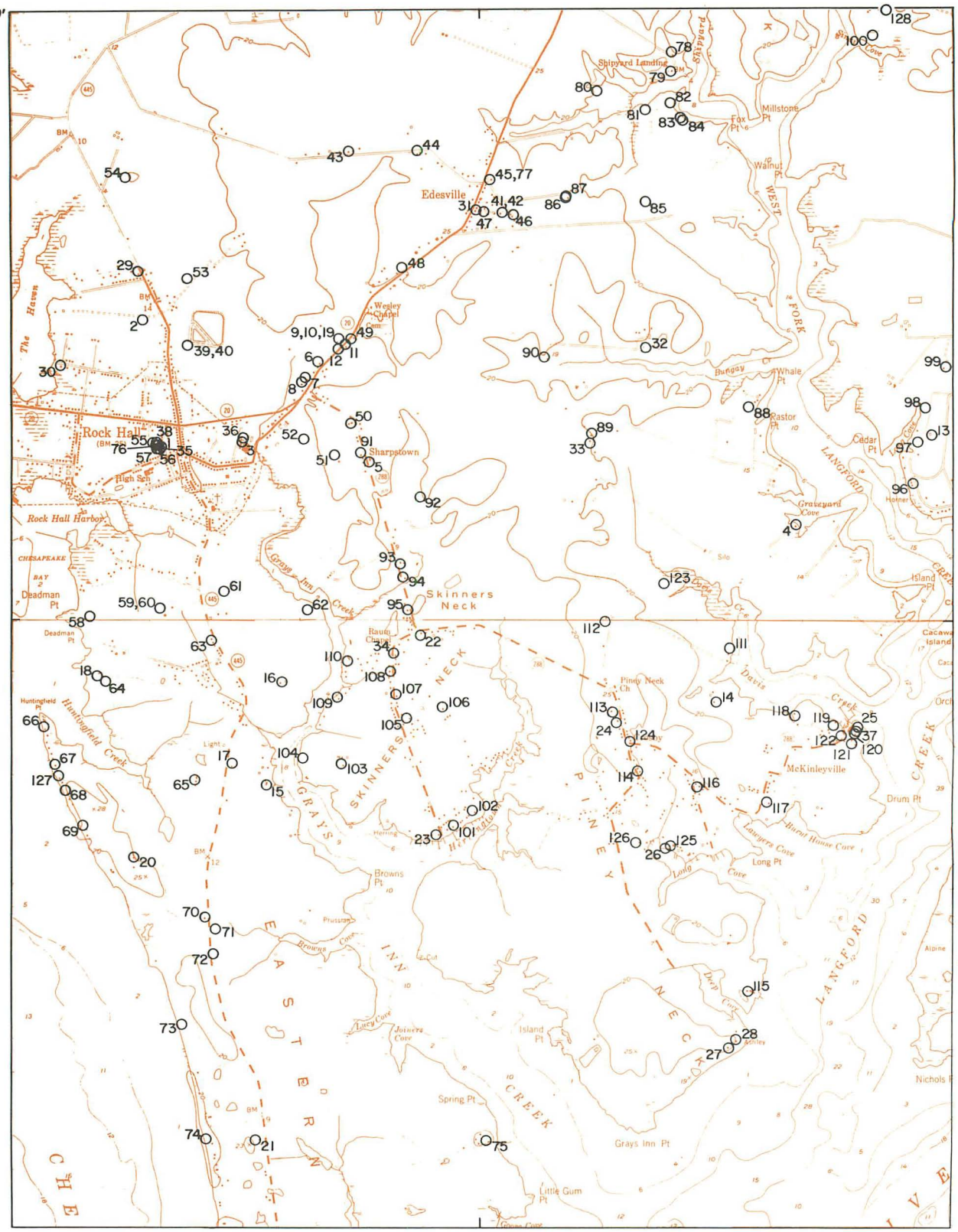
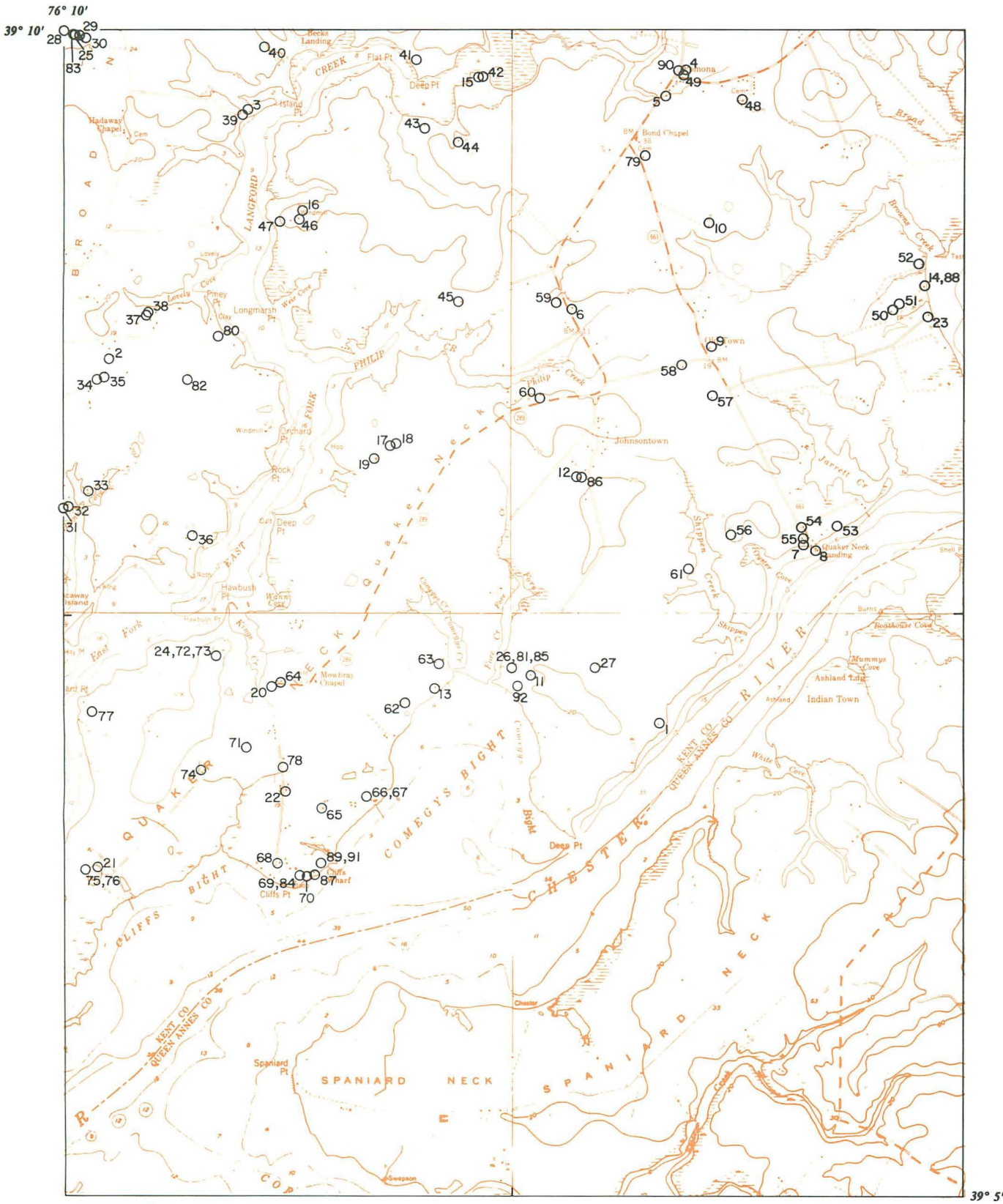

39° 10'
39° 5'
76° 10'
Rock Hall
Rock Hall Harbor
Edesville
Sharpstown
Skinners Neck
Grays Inn Creek
Deadman Pt
Huntingfield Pt
Huntingfield Creek
Shipyard Landing
Millstone Pt
Fox Pt
Walnut Pt
Whale Pt
Bungay
Cedar Pt
Island Pt
Cacawa Island
Davis Creek
Piney Neck Ch
McKinleyville
Drum Pt
Long Pt
Lawyers Cove
Burnt House Cove
Browns Pt
Spring Pt
Grays Inn Pt
Little Gum Pt
Nichols Pt
Alpine
Wesley Chapel
Raum Chapel
Graveyard Cove
Holmes
Silo
Ashley
Drop Cove
Long Cove
Lucy Cove
Joiners Cove
Pheasant Cove
Browns Cove
Cut
Herring
Hill Creek
Piney Neck Creek
Grays Inn Creek
Langford Creek
Chesapeake Bay
Eastern Shore
Ke Db
1 ½ 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



KE Dc

1 ½ 0 1 MILE

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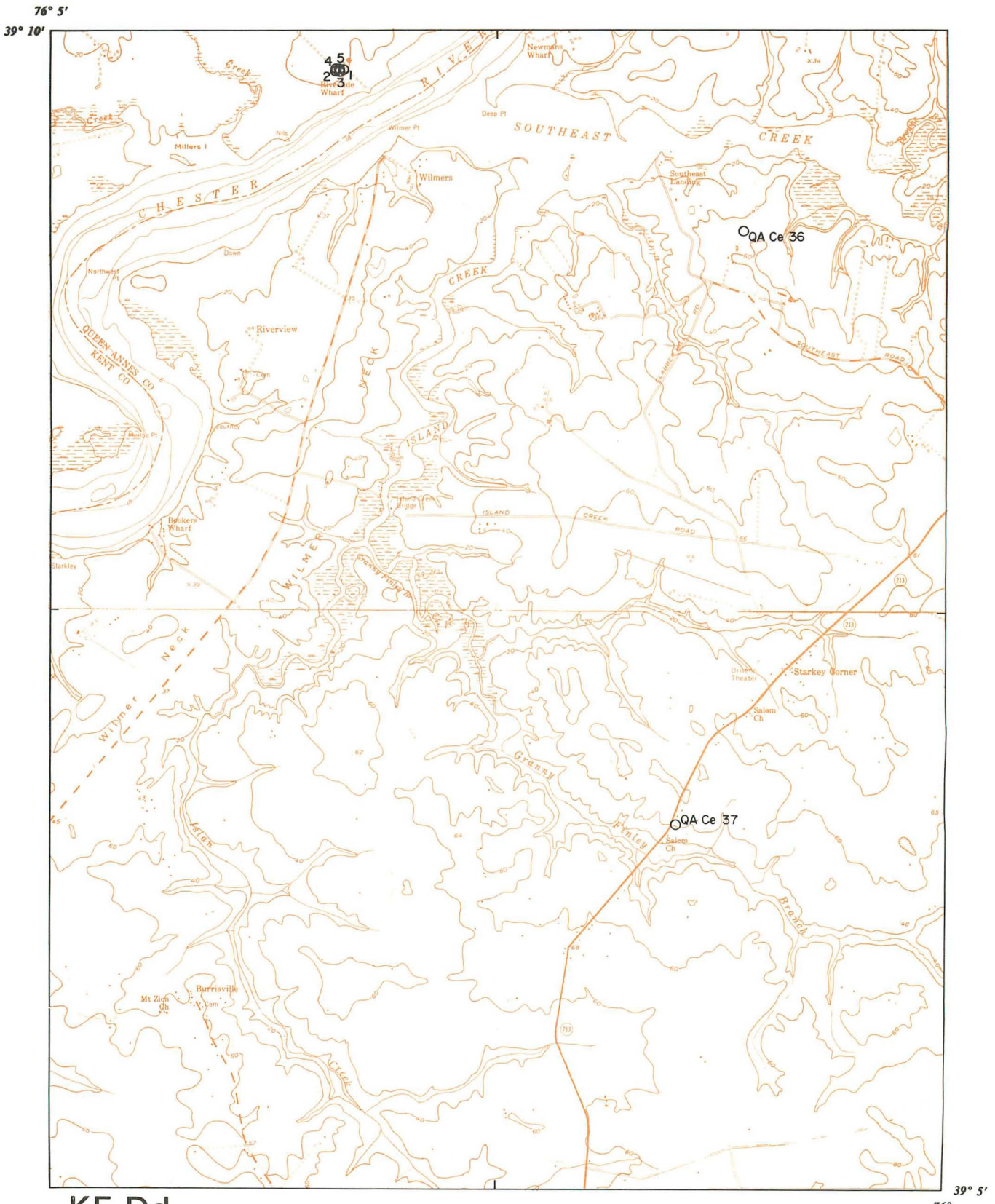
CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929



KE Dd
QA Ce

1 ½ 0 1 MILE

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1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929

KE Eb

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
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