UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER-QUALITY DATA FOR THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM, TRENTON TO PENNSVILLE, NEW JERSEY, 1980

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GLOSSARY

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

Induced recharge is water that enters an aquifer from an adjacent surface-water body as a result of an established hydraulic gradient from the surface water toward pumping well(s).

Instantaneous flow rate is the flow rate at which water is removed from the well. Used with pump or flow period before sampling so that the exact volume of water pumped before sampling can be determined.

Land-surface datum is a datum plane approximately at the land surface at the well.

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

Outcrop area is the area where aquifers are exposed at land surface and receive recharge from precipitation.

Specific capacity (of a well) is the rate of discharge of water from the well divided by the drawdown in the well. A properly constructed well can be used as a measure of the aquifer's transmissivity; a high specific capacity suggests a high transmissivity, whereas a low specific capacity suggests a low transmissivity. The specific capacity of a well is a function of well construction and development, the aquifer's storage coefficient, and the part of the aquifer in which the well is screened.

Storage coefficient is the volume of water a porous medium releases from or takes into storage per unit surface area of the aquifer per unit change in head.

Transmissivity is the rate at which water of the prevailing kinematic viscosity is transmitted through a unit width of the aquifer under a unit hydraulic gradient.

CONVERSION FACTORS

Multiply inch-pound units	by	To obtain SI units
inch (in)	25.4	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
square foot (ft^2)	0.0929	square meter (m^2)
gallon (gal)	3.785	liter (L)

INTRODUCTION

The Potomac Group and Raritan and Magothy Formations contain some of the most productive aquifers in the Atlantic Coastal Plain of New Jersey. These aquifers supply approximately 230 million gallons per day, which is about 60 percent of the total pumpage from the coastal plain (Vowinkel and Foster, 1981).

Contamination in the Potomac-Raritan-Magothy aquifer system, however, has long affected the use of the water. Barksdale and others (1958) describe contamination in Gloucester and Camden Counties, N.J., and Philadelphia, Pa., possibly caused by a combination of waste disposal and induced recharge from highly mineralized areas. Greenman and others (1961) describe widespread contamination of the water-table and artesian aquifers in Philadelphia due to urbanization and industrial development. Hardt and Hilton (1969) and Rosenau and others (1969) discuss salt-water encroachment in areas of Gloucester and Salem Counties, respectively. Langmuir (1969) found high iron concentrations in areas adjacent to the outcrop area in Burlington and Camden Counties. Farlekas and others (1976) show high chromium concentrations in two wells in Camden, N.J. In addition, the Delaware Valley Regional Planning Commission (1979) recently listed 48 potential sources of ground-water contamination in the outcrop area of the Potomac-Raritan-Magothy aquifer system in Burlington, Camden, and Gloucester Counties.

Purpose and Scope

The U.S. Geological Survey, in cooperation with the New Jersey Department of Environmental Protection, Division of Water Resources, is studying the water quality of the Potomac-Raritan-Magothy aquifer system in the vicinity of its outcrop area adjacent to the Delaware River. The study area is shown in figure 1. The objective of the study is to investigate the areal and vertical distribution and the movement of chemical constituents, particularly contaminants, within the aquifer system in the vicinity of the outcrop area.

The first 2 years of the study are devoted to an assessment of overall ground-water quality. A total of 262 wells were sampled from June through December 1980. These wells are on or near the outcrop area of the Potomac-Raritan-Magothy aquifer system from Trenton to Pennsville, N.J. The wells sampled include 66 wells in Burlington County, 68 in Camden County, 74 in Gloucester County, 4 in Mercer County, 33 in Salem County, 5 in Bucks County, Pa., and 12 in Philadelphia County, Pa. The parameters analyzed for each sample are listed in table 1.

This report presents data on ground-water quality collected during the first phase of the study. It includes well-construction data and the results of chemical analysis of water samples from each of the 262 wells. The data on surface-water

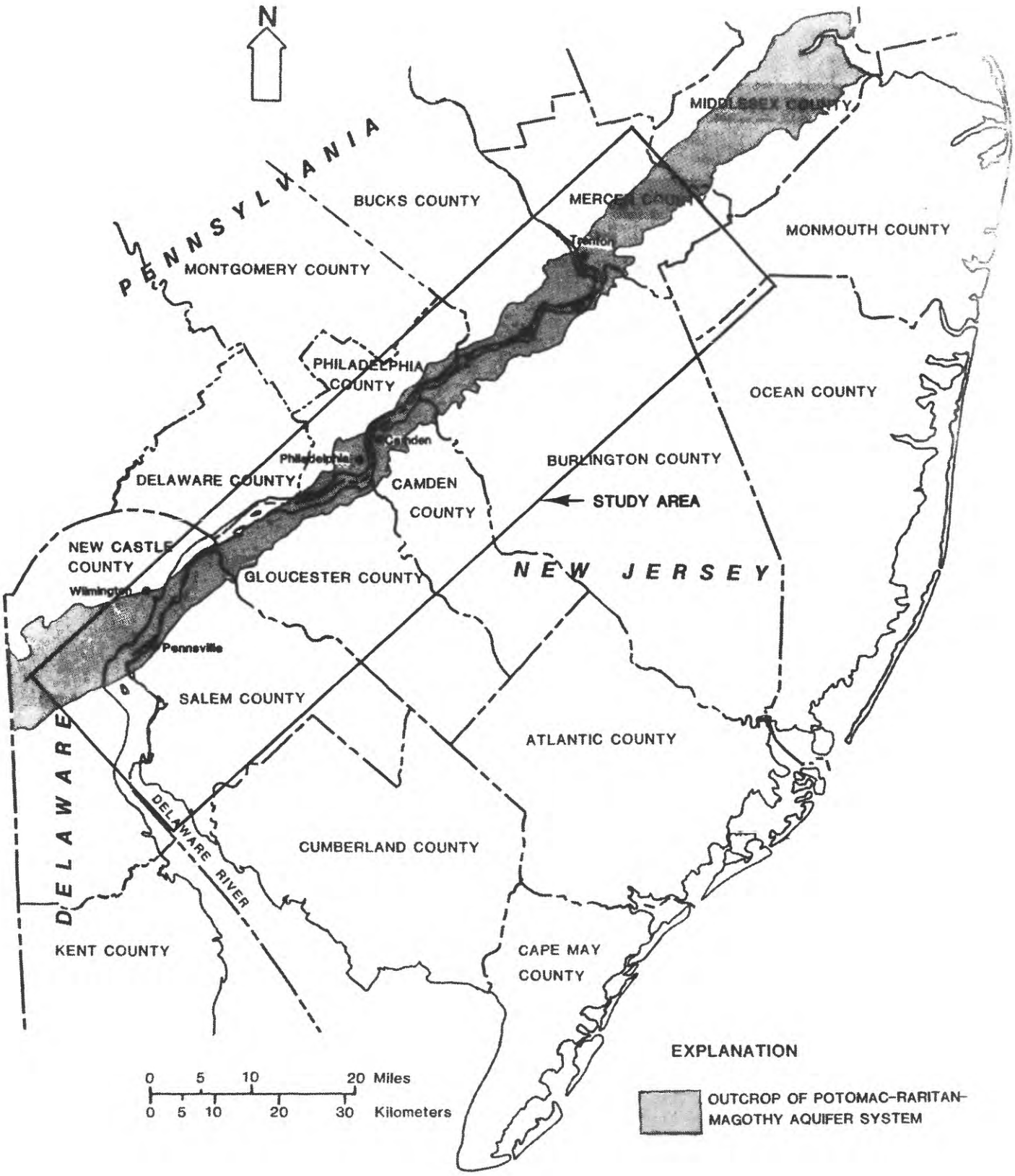

Figure 1.--Location of the study area.

Table 1.--Chemical constituents and physical parameters analyzed in water samples from wells.

I DISSOLVED INORGANIC COMPOUNDS

Calcium	Chloride
Magnesium	Sulfate
Sodium	Bicarbonate
Potassium	Nitrate + nitrite
Orthophosphate	Silica
Carbon dioxide	Hardness (total and noncarbonate)
Alkalinity	Dissolved solids

II DISSOLVED METALS

Barium	Lithium
Beryllium*	Manganese
Cadmium*	Molybdenum
Cobalt	Strontium
Copper*	Vanadium
Iron	Zinc*
Lead*	

III ORGANIC COMPOUNDS

Dissolved organic carbon	Tetrachloroethylene*
Carbon tetrachloride*	Trichloroethylene*
1,2-Dichloroethane*	Benzene*
1,1,2-Trichloroethane*	Toluene*
Chloroform*	Methylene chloride*
Bromoform*	1,1-Dichloroethylene*
Dichlorobromomethane*	1,2-Dichloropropane*
Chlorodibromomethane*	

IV FIELD PARAMETERS

pH
Temperature
Specific conductance

* Indicates substances on U.S. Environmental Protection Agency list of 129 "Priority Pollutants."

quality will be presented in a separate report. In addition, an interpretive report discussing the objective described above, will be released at a later date.

Well-numbering System

The well-numbering systems used in this report are based on the numbering systems used by the U.S. Geological Survey in New Jersey and Pennsylvania. The well number consists of the county designation and a sequence number of the well within the county. New Jersey county codes are numerical two digit codes. New Jersey county codes used in this report are Burlington (05), Camden (07), Gloucester (15), Mercer (21), and Salem (33). Pennsylvania county codes are two-letter abbreviations of the name of the county. Pennsylvania county codes used in this report are Bucks (BK) and Philadelphia (PH). Representative well numbers are 15-137 for the 137th well in Gloucester County, and PH-19 for the 19th well in Philadelphia County, Pennsylvania.

Acknowledgments

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GEOLOGY

The geology of the New Jersey Coastal Plain is characterized by a wedge of unconsolidated sediments, which thicken and dip toward the ocean. The oldest of these sediments, known as the Potomac Group and Raritan and Magothy Formations, are of Cretaceous age and overlie Precambrian and Paleozoic crystalline rock.

The Potomac Group and Raritan and Magothy Formations are composed of interbedded sand and gravel, silt, and clay units which are exposed at or near the surface in a narrow band along the Delaware River in New Jersey and Pennsylvania. The relative thickness of these formations ranges from a featheredge at the Fall Line to more than 2,500 ft at Atlantic City (Luzier, 1980). (See fig. 1.) In certain parts of the outcrop area, the Cretaceous formations are overlain by more recent sediments, including the Pensauken Formation of late Miocene age, the Bridgeton Formation of Miocene age, and the Spring Lake and Van Sciver Lake beds of late Pleistocene age (Owens and Minard, 1979).

Southeast of the outcrop area, the Potomac Group and Raritan and Magothy Formations are overlain by the Merchantville Formation and Woodbury Clay. The Merchantville Formation is composed of a dark-gray to grayish-black micaceous clay to clayey silt and beds and lenses of glauconite sand (Farlekas and others, 1976). The Woodbury Clay, which overlies the Merchantville

Formation, is composed of a grayish-black micaceous clayey silt. The combined thickness of the Merchantville Formation and Woodbury Clay ranges from a featheredge at the northwest edge of their outcrop to greater than 300 feet along the coast (Luzier, 1980).

HYDROLOGY

The Potomac-Raritan-Magothy aquifer system is composed of aquifers consisting of sand and some gravel and confining units consisting of silt and clay. The sand in the aquifer system has been separated into several units. Farlekas and others (1976) describe three units in Camden County, whereas Rosenau and others (1969) identify four units in certain areas in Salem County. Barksdale and others (1958, p. 91) suggest that these aquifer units are connected with each other at a distance, if not locally. During this study, many geophysical and lithologic logs were intensely reviewed. In the area immediately southeast of the outcrop, three aquifer units seem to be fairly well defined (Zapecza, oral communication, 1981).

Wells sampled during this study tap four aquifer units. The aquifer units are the three in the Potomac-Raritan-Magothy aquifer system and the post-Cretaceous water-table aquifer, which overlies the aquifer system in much of the outcrop area. The post-Cretaceous water-table aquifer is commonly hydraulically connected to the underlying aquifer unit within the Potomac-Raritan-Magothy aquifer system.

The Potomac-Raritan-Magothy aquifer system is confined by the silt and clay of the overlying Merchantville Formation and Woodbury Clay. The Woodbury Clay is probably the best confining unit in the Coastal Plain of New Jersey (Barksdale and others, 1958), although some vertical leakage is probable from the overlying Englishtown aquifer.

Table 2 lists selected descriptive information for each well sampled, including the aquifer unit and screened interval. The three Potomac-Raritan-Magothy aquifer units are listed in table 2 as upper, middle, and lower. The upper unit corresponds approximately with part of the Magothy Formation. The age relations of the middle and lower aquifer units are not explicitly known. The post-Cretaceous water-table aquifer is listed as Holocene-Pleistocene-Pleiocene-Miocene deposits in table 2. Plate 1 illustrates two hydrogeologic sections of the aquifer units in the Potomac-Raritan-Magothy aquifer system and overlying formations.

Aquifer Characteristics

Numerous aquifer tests at sites of wells tapping the Potomac-Raritan-Magothy aquifer system have been completed. Farlekas and others (1976, p. 38) evaluated several aquifer tests in Camden County. Results indicate that transmissivity ranged from 2,300 to 6,700 ft^2/d (17,000 to 50,000 gal/d/ft). Storage

coefficient ranged from 3.3×10^{-5} to 1.5×10^{-3}. The yield of large diameter wells (12 inches or greater) in Camden County ranged from 455 to 1,900 gal/min. The average yield of 106 wells was 1,085 gal/min. The specific capacities of these wells are high, ranging from 6.1 to 80 gal/min/ft of drawdown.

Movement of Water

Withdrawals from the Potomac-Raritan-Magothy aquifer system significantly affect movement of water in the system. Before 1900, the aquifer system was recharged largely at two topographically high areas, one between Trenton and New Brunswick, N.J., the other in New Castle County, Del. (Barksdale and others, 1958). The aquifer system discharged into the Delaware River and into streams that crossed the outcrop area.

Large withdrawals from the Potomac-Raritan-Magothy aquifer system have intercepted much of the flow between the high recharge areas and the low discharge areas. In many places, these withdrawals have reversed the original flow pattern and induced recharge from the Delaware River. Greenman and others (1961) and Barksdale and others (1958) suggest that recharge from the Delaware River is being induced in heavily pumped parts of the aquifer in New Jersey and Pennsylvania. Luzier (1980) estimated that 43 percent of the water withdrawn from the aquifer in 1973 was induced surface-water recharge and that this percentage is likely to increase as withdrawals increase.

METHODOLOGY

Water samples were collected from both actively pumping wells and unused wells. Emphasis was placed on sampling large municipal, industrial, and irrigation production wells. These wells generally provide the most representative water samples, as, due to their constant pumping and high yield, they draw water from a large volume of the aquifer (Wood, 1976). In areas of no large production wells, small domestic wells were sampled. Observation wells or unused wells were sampled if no pumping wells were available.

The selection of wells for sampling was based on the location of the well, the length and location of the screen, and the aquifer unit tapped. Detailed well-construction data are available for most of these wells. Some of these data are listed in table 2. A total of 262 wells were sampled; their locations are shown on plate 2.

Sample Collection

Water samples from large production wells were generally collected from a tap in the discharge line at or near the wellhead. In some wells, modifications to the plumbing, with the owner's approval, were necessary to collect the best sample. In a few wells, particularly some domestic wells, it was not possible

to collect a sample from the discharge line before it entered a pressure tank. These samples were obtained after the water passed through the tank. All water samples, however, were collected before the water had passed through a water softener or other treatment process.

Observation wells and unused wells were sampled with a portable submersible pump attached to a van-mounted hose reel with 200 ft of nylon-braided 3/4-inch ID polyvinylchloride (PVC) tubing. The pump unit was powered by a power inverter system also mounted in the van. The pump delivered 9 gal/min from most wells. A tap was inserted in the disharge line to collect a nonaerated sample.

Before collecting the sample, domestic wells, observation wells, and little-used production wells were pumped until the temperature, pH, and specific conductance were constant. Thus, a representative sample of the water in the aquifer was collected. Production wells that had been pumped longer than 1 hour did not require this monitoring.

The first sample collected from the well was used for field determinations of temperature, pH, specific conductance, alkalinity, and bicarbonate. Additional samples were collected for laboratory analysis. Table 1 lists the chemical constituents and physical parameters analyzed.

The sample for analysis of volatile organic compounds was collected in a 40 mL glass septum bottle. The water was collected through PVC tubing attached at one end of the tap with the other end placed into the bottom of the vial. The vial was overflowed several volumes to minimize aeration. The bottles were sealed airtight and stored at approximately 4°C.

Samples for analysis of dissolved organic carbon were filtered through a silver filter into a glass bottle previously baked at 350°C. All other samples for laboratory analysis were filtered through a 0.45 micrometer filter into clean plastic bottles. Samples for metals analysis were acidified with nitric acid to pH 2.0 or below. The samples for analysis of nitrogen, phosphorus, and dissolved organic carbon were chilled at 4°C.

Water from all 262 wells sampled was analyzed for the constituents listed in table 1, except for those samples damaged in shipment. The glass vials containing the water samples for volatile organic analysis were particularly susceptible to breakage or formation of air bubbles in shipment to the laboratory, rendering the samples useless for analysis. Wherever possible, wells were resampled. Water from 16 wells, however, was not analyzed for volatile organic compounds. In addition, wells whose water had significant concentrations of volatile organic compounds were resampled, if possible, as a check on the original analysis. Fourteen such wells were resampled.

Laboratory Analysis

The U.S. Geological Survey National Water Quality Laboratory in Doraville, Ga., analyzed the samples. Potassium, phosphorus, nitrate and nitrite nitrogen, sulfate, and chloride were analyzed by laboratory methods described by Skougstad and others (1979). Dissolved organic carbon was analyzed by a wet oxidation method described by Goerlitz and Brown (1972).

Volatile organic compounds were analyzed by the technique of "vapor stripping" (Lowe, written communication, 1980). A stream of inert nitrogen is bubbled through the water sample and passed through a tube of absorbent material. The nitrogen carries the volatile compounds out of the water and into the absorbent trap.

The trap is then connected to a computer-controlled gas chromatograph mass spectrometry (GC/MS) system and heated rapidly to drive the volatile organic substances into the GC/MS system. The volatile organic compounds pass through the gas chromatograph column, where they are separated before entering the mass spectrometer. A mass spectrum for each compound is collected, stored on magnetic tape, and compared against a library of known compounds for positive identification. A semiquantitative analysis is made by comparing the total abundance value for each GC/MS peak with the abundance value for known standards.

Seventeen major and trace inorganic constituents were analyzed by an induction-coupled plasma atomic-emission spectrometric method. Barium, beryllium, cadmium, cobalt, copper, iron, lead, lithium, manganese, molybdenum, strontium, vanadium, zinc, calcium, magnesium, sodium, and silica were analyzed by this method.

This method requires minimal sample preparation and allows the simultaneous determination of 17 elements. Statistical comparison with conventional single-element methods, including atomic absorption spectrometry and colorimetric techniques, show essentially equivalent accuracy and precision, frequently with much higher sensitivity (Garbarino and Taylor, 1979).

RESULTS

The results of chemical and physical parameters analyzed in water samples from wells, excluding the scan for volatile organic substances compounds, are listed in table 3. Table 4 contains the results of the scan for volatile organic compounds. The results of the volatile-organic scan in table 4 are semiquantitative; zero values indicate the concentration was less than the detection limit of 1 µg/L. Table 4 contains only the results for compounds detected in one or more samples. Compounds not detected in any water samples and not shown in table 4 include: carbon tetrachloride, 1, 2-dichloroethane, bromoform, dichlorobromomethane, chlorodibromomethane, and 1, 2-dichloropropane.

Table 5 summarizes the data for physical and dissolved inorganic parameters in the 262 wells sampled, listing the minimum, median, and maximum value for each parameter. Most parameters exhibited a wide range in values. Specific conductance ranged from 39 to 4200 micromhos, with a median of 246; pH ranged from 4.4 to 8.3, with a median of 6.6. Chloride concentrations ranged from less than 1 mg/L to 810 mg/L, but the median concentration was only 15 mg/L. Other common ions showed similar distributions in their concentrations. Iron and manganese were the two metals that had the largest concentration ranges. Iron cencentrations were measured as low as 3 µg/L and as high as 79,000 µg/L; the median iron concentration was 1,400 µg/L. Manganese ranged from <1 to 15,000 µg/L with a median of 71 µg/L.

Table 6 summarizes the data for volatile organic compounds from the 246 wells whose water was analyzed for organic substances. The table indicates the number of wells in which each compound was detected and the maximum concentration detected for all 246 wells.

Trichloroethylene and benzene were the most common compounds, detected in 24 and 18 wells, respectively. Toluene, tetrachloroethylene, and 1,1-dichloroethylene were all detected in 12 or more wells. In total, samples from 46 wells contained detectable levels of volatile organic compounds. These 46 wells represent 19 percent of the total of 246 wells sampled for organic substances.

The highest concentration of any volatile organic compound was a benzene concentration of 1960 µg/L. 1,1-dichloroethylene had a maximum concentration of 670, trichloroethylene 472 µg/L and tetrachloroethylene 335 µg/L. Maximum concentrations of the other compounds were less than 100 µg/L.

Table 5.--Minimum, median, and maximum values of physical and dissolved chemical parameters in wells sampled.

[Concentrations in milligrams per liter, except as noted]

Parameter	Minimum	Median	Maximum
Temperature (°C)	12.7	14.5	26.0
Specific conductance (µmhos/cm)	39	246	4200
pH	4.4	6.6	8.3
Carbon dioxide	0	31	616
Alkalinity (as $CaCo_3$)	0	76	1580
Nitrogen, NO_2 + NO_3	0	.03	18
Phosphorus, orthophosphate	0	.01	.84
Organic carbon	0	1.7	108
Hardness (as $CaCO_3$)	0	60	570
Hardness, noncarbonate (as $CaCO_3$)	0	0	230
Calcium	.1	16	118
Magnesium	.1	4.7	100
Sodium	1.8	14	670
Potassium	.5	4.4	100
Chloride	.8	15	810
Sulfate	0	18	770
Bicarbonate (as HCO_3)	0	93	1930
Silica (as SiO_2)	0	9.5	53
Barium (µg/L)	<2	70	410
Beryllium (µg/L)	<1	<1	8
Cadmium (µg/L)	<1	2	22
Cobalt (µg/L)	<3	<3	240
Copper (µg/L)	<10	<10	930
Iron (µg/L)	3	1400	79000
Lead (µg/L)	<10	<10	47
Lithium (µg/L)	<4	7	68
Manganese (µg/L)	<1	71	15000
Molybdenum (µg/L)	<10	<10	60
Strontium (µg/L)	<1	300	4400
Vanadium (µg/L)	<6	<6	20
Zinc (µg/L)	<4	9	600
Dissolved solids	25	148	2200

Table 6.--Summary of occurrence of volatile organic compounds and maximum detected concentrations in wells sampled.

Compound	Number of wells with detectable concentrations	Maximum concentration detected (µg/L)
Benzene	18	1960
Chloroform	4	70
1,1-Dichloroethylene	12	670
1,2-(Trans)-Dichloroethylene	4	68
Methylene chloride	3	22
Tetrachloroethylene	12	335
Toluene	15	10
1,1,2-Trichloroethane	3	90
Trichloroethylene	24	472
One or more compounds	46 (19 percent of 246 wells sampled)	

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TABLE 2.--RECORDS OF SELECTED WELLS

WELL NUMBER	LOCAL WELL IDENTIFIER	MUNICIPALITY	ALTITUDE OF LAND SURFACE (FT)	TOTAL WELL DEPTH (FT)	SCREEN SETTING (FT)	SCREEN DIAMETER (IN)	YEAR COMPLETED	AQUIFER UNIT	USE OF SITE	USE OF WATER
5- 39	DELAWARE VALLEY WC 15	BEVERLY CITY	12.0	59	47- 57	12	1951	MRPA-M	W	P
5- 43	OCEAN SPRAY 1	BORDENTOWN CITY	51.0	267	247-267	10	1964	MRPA-M	W	N
5- 48	NJ DEPT DEF-NAT GUARD 1	BORDENTOWN TWP	83.0	230	-	6	1952	MRPA-M	W	H
5- 51	BURLINGTON CITY WD 3	BURLINGTON CITY	9.0	85	64- 85	16	1949	MRPA-M	W	P
5- 63	WILLINGBORO MUA 1-OBS	BURLINGTON TWP	45.3	294	279-294	6	1965	MRPA-M	O	U
5- 76	HEAL, CHARLES	BURLINGTON TWP	50.0	80	59- 80	8	1955	MRPA-U	W	I
5- 77	BURLINGTON TWP WD 1-1973	BURLINGTON TWP	80.0	198	123-165	12	1973	MRPA-U	W	P
5- 87	TENNECO CHEM 5-OBS	BURLINGTON TWP	14.0	60	50- 60	6	1961	HPPM	O	U
5- 89	TENNECO CHEM 7	BURLINGTON TWP	10.0	130	100-130	12	1971	MRPA-M	W	N
5- 92	TENNECO CHEM 1	BURLINGTON TWP	10.0	120	87-117	12	1962	MRPA-M	W	N
5- 94	TENNECO CHEM 3	BURLINGTON TWP	7.0	122	97-122	12	1962	MRPA-M	W	N
5- 100	HERCULES POWDER 2	BURLINGTON TWP	22.0	146	105-135	10	1946	MRPA-M	W	N
5- 102	COLUMBUS METAL 1	BURLINGTON TWP	40.0	145	140-145	4	1970	MRPA-M	W	I
5- 105	HOOKER CHEM CO-PROD 1	BURLINGTON TWP	33.0	192	172-192	6	1966	MRPA-M	W	N
5- 121	NJ STATE REFORMATORY 4	CHESTERFIELD TWP	97.0	387	357-387	8	1951	MRPA-M	W	T
5- 123	DELAWARE VALLEY WC 28	CINNAMINSON TWP	30.0	262	226-261	12	1969	MRPA-L	W	P
5- 126	DELAWARE VALLEY WC 12	CINNAMINSON TWP	79.0	196	157-196*	10	1961	MRPA-M	U	U
5- 127	DELAWARE VALLEY WC 14	CINNAMINSON TWP	35.0	229	179-229	12	1964	MRPA-M	W	P
5- 130	DELAWARE VALLEY WC 13	CINNAMINSON TWP	65.0	198	167-198	12	1963	MRPA-M	W	P
5- 139	HOLIDAY LAKE WORTHINGTON	DELANCO TWP	25.0	198	188-198	8	1958	MRPA-M	W	H
5- 140	CHANT, HARRY	DELANCO TWP	22.0	155	140-155	6	1965	MRPA-M	W	I
5- 144	DELAWARE VALLEY WC 24	DELRAN TWP	30.0	152	105-135	12	1966	MRPA-M	W	P
5- 162	DAYMENN CONVERTING	EDGEWATER PK TWP	38.0	61	41- 61	16	1955	MRPA-M	W	N
5- 184	HUNT BROS CIRCUS	FLORENCE TWP	42.0	190	-	4	-	MRPA-M	W	C
5- 185	SHERWATT EQUIPMENT 1	FLORENCE TWP	15.0	121	111-121	6	1957	MRPA-M	W	N
5- 189	FLORENCE TWP WD 2	FLORENCE TWP	30.0	124	105-120	18	1931	MRPA-M	W	P
5- 208	COLUMBUS WC 2	MANSFIELD TWP	73.0	260	240-260	8	1943	MRPA-U	W	P
5- 212	N BURL CO HIGH SCHOOL 1	MANSFIELD TWP	83.0	310	290-310	6	1959	MRPA-U	W	T
5- 214	WALDER, THOMAS	MANSFIELD TWP	60.0	319	-	-	-	MRPA-M	W	I
5- 228	MAPLE SHADE WD 10	MAPLE SHADE TWP	40.0	500	440-500	12	1975	MRPA-L	W	P
5- 229	MAPLE SHADE WD 9	MAPLE SHADE TWP	40.0	200	160-200	12	1975	MRPA-U	W	P
5- 232	MAPLE SHADE WD 8	MAPLE SHADE TWP	20.0	270	210-270	12	1972	MRPA-M	W	P
5- 265	MOORESTOWN TWP WD 6	MOORESTOWN TWP	42.0	288	248-288	12	1963	MRPA-M	W	P
5- 273	MOORESTOWN FIELD CLUB 1	MOORESTOWN TWP	70.0	302	274-302	6	1964	MRPA-M	W	I
5- 277	CAMPBELL SOUP 3	MOORESTOWN TWP	40.0	369	339-369	10	1971	MRPA-L	W	A
5- 283	MOORESTOWN TWP WD 8	MOORESTOWN TWP	65.0	332	282-332	12	1969	MRPA-M	W	P
5- 289	MT HOLLY WC 3	MOUNT HOLLY TWP	11.0	346	316-346	10	1953	MRPA-U	W	P
5- 290	MT HOLLY WC 6	MOUNT HOLLY TWP	15.0	615	530-600	10	1973	MRPA-M	W	P
5- 292	MOUNT HOLLY WC 7	MOUNT HOLLY TWP	60.0	524	413-524*	10	1976	MRPA-M	W	P
5- 301	FELLOWSHIP MOTOR LODGE	MOUNT LAUREL TWP	71.0	255	235-255	8	1962	MRPA-U	W	I
5- 304	MT LAUREL MUA 2	MOUNT LAUREL TWP	20.0	399	362-399*	8	1965	MRPA-M	W	P
5- 310	NJ TURNPIKE AUTH-MAINT 2	MOUNT LAUREL TWP	40.0	160	120-160	6	1952	MRPA-U	W	C
5- 317	NJ TURNPIKE AUTH 4N-1	MOUNT LAUREL TWP	45.0	222	192-222	8	1951	MRPA-U	W	C
5- 324	MT LAUREL MUA 3	MOUNT LAUREL TWP	40.0	647	592-642	12	1973	MRPA-L	W	P
5- 392	RIVERSIDE PUB SCHOOL 1	RIVERSIDE TWP	20.0	100	90-100	6	1965	MRPA-M	W	I
5- 441	HELIS STOCK FARM 3	SPRINGFIELD TWP	70.0	372	360-372	6	1962	MRPA-U	W	S
5- 446	INTSTATE STOR+PIPELN CO	SPRINGFIELD TWP	75.0	248	220-245	8	1960	MRPA-U	W	N
5- 448	NJ DOT-RT295 REST AREA 1	SPRINGFIELD TWP	40.0	220	200-220	8	1972	MRPA-M	W	P
5- 637	HANOVER TRLS COMMISSARY	WESTAMPTON TWP	50.0	336	316-336	6	1966	MRPA-M	W	I
5- 647	RANCOCAS COUNTRY CLUB 1	WILLINGBORO TWP	24.0	238	190-238*	10	1965	MRPA-M	W	I
5- 653	WILLINGBORO MUA 4	WILLINGBORO TWP	28.0	284	177-280	12	1958	MRPA-ML	W	P
5- 658	WILLINGBORO MUA 7	WILLINGBORO TWP	19.0	255	179-255*	12	1958	MRPA-M	W	P
5- 661	WILLINGBORO MUA 1	WILLINGBORO TWP	10.0	199	147-199	16	1955	MRPA-M	W	P
5- 667	WILLINGBORO MUA 5	WILLINGBORO TWP	39.0	256	230-256	12	1958	MRPA-M	W	P
5- 719	PEP BOYS 1	EDGEWATER PK TWP	40.0	61	51- 61	4	1961	MRPA-U	W	[illegible]
5- 729	MAPLE SHADE WD 2	MAPLE SHADE TWP	30.0	126	91-121	10	1949	MRPA-U	W	P
5- 731	INTERSTATE WASTE-MON 8	BURLINGTON TWP	92.7	128	118-128	4	1978	MRPA-U	O	U
5- 745	BURLINGTON COUNTY CLUB 1	WESTAMPTON	102.0	290	260-290	8	1974	MRPA-U	W	I
5- 746	MAPLE SHADE WD 11	MAPLE SHADE TWP	20.0	450	389-450	12	1978	MRPA-L	W	P
5- 768	M LISEHORA-GARAGE WELL	MANSFIELD TWP	100.0	194	182-194	6	1950	MRPA-U	W	H
5- 777	HOLIDAY LK ICE CREAM STD	EDGEWATER PK TWP	40.0	50	40- 50	4	1978	HPPM	W	C
5- 778	BEST WESTERN MOTEL #2	BURLINGTON TWP	75.0	195	180-195	4	1978	MRPA-U	W	C
5- 779	PYROPTICS 1	FLORENCE TWP	41.0	50	45- 50	4	1972	MRPA-U	W	P
5- 780	WASTE RESOURCE OBS 6	CINNAMINSON TWP	40.0	50	30- 50	4	1978	HPPM	O	U
5- 781	WASTE RESOURCE OBS 5	CINNAMINSON TWP	37.1	50	30- 50	4	1978	HPPM	O	U
5- 788	C R ENGLAND 1	BURLINGTON TWP	45.0	53	45- 53	8	1972	HPPM	W	P
7- 8	BELLMAWR BORO WD 4	BELLMAWR BORO	75.0	557	380-557*	12	1966	MRPA-ML	W	P
7- 12	BELLMAWR BORO WD 3	BELLMAWR BORO	35.0	359	334-359	8	1956	MRPA-L	W	P
7- 13	BELLMAWR BORO WD 1	BELLMAWR BORO	31.0	160	111-160	12	1942	MRPA-U	W	P
7- 30	SJ PORT CORP NY SHIP 5A	CAMDEN CITY	11.4	104	82-100	8	1940	MRPA-U	O	U
7- 39	CAMDEN CITY WD-CITY 7N	CAMDEN CITY	21.0	163	123-163	18	1966	MRPA-M	W	P

TABLE 2.--RECORDS OF SELECTED WELLS--CONTINUED

WELL NUMBER	LOCAL WELL IDENTIFIER	MUNICIPALITY	ALTITUDE OF LAND SURFACE (FT)	TOTAL WELL DEPTH (FT)	SCREEN SETTING (FT)	SCREEN DIAMETER (IN)	YEAR COMPLETED	AQUIFER UNIT	USE OF SITE	USE OF WATER
7- 46	CAMDEN CITY WD-CITY 11	CAMDEN CITY	13.0	154	124-154	16	1942	MRPA-M	W	P
7- 61	CAMDEN CITY WD-CITY 4	CAMDEN CITY	41.0	156	131-156	18	1950	MRPA-M	W	P
7- 64	CAMDEN CITY WD-CITY 17	CAMDEN CITY	34.0	265	230-265	18	1954	MRPA-L	W	P
7- 68	CAMDEN CITY WD-CITY 13	CAMDEN CITY	30.0	225	185-225	18	1953	MRPA-L	W	P
7- 78	CAMDEN CITY WD-CITY 5N	CAMDEN CITY	22.0	169	134-169	18	1963	MRPA-L	W	P
7- 94	CAMDEN CITY WD-CITY 16	CAMDEN CITY	23.0	179	149-179	18	1954	MRPA-L	W	P
7- 98	NEW JERSEY WC-CAMDEN 52	CAMDEN CITY	18.0	200	147-198	16	1965	MRPA-L	W	P
7- 110	NEW JERSEY WC-CAMDEN 49	CAMDEN CITY	9.4	169	137-169	12	1955	MRPA-L	W	P
7- 122	NEW JERSEY WC-BROWN 44	CHERRY HILL TWP	80.0	741	684-741*	12	1974	MRPA-L	W	P
7- 133	NEW JERSEY WC-OLD ORCH36	CHERRY HILL TWP	80.0	349	299-349	12	1968	MRPA-U	W	P
7- 134	NEW JERSEY WC-OLD ORCH37	CHERRY HILL TWP	68.0	488	454-488	12	1968	MRPA-M	W	P
7- 147	NEW JERSEY WC-KINGSTN 25	CHERRY HILL TWP	44.0	367	309-367	12	1961	MRPA-M	W	P
7- 148	NEW JERSEY WC-KINGSTN 28	CHERRY HILL TWP	44.0	207	175-207	12	1964	MRPA-U	W	P
7- 149	NJ DEPT DEF-NAT GUARD 1	CHERRY HILL TWP	15.0	111	96-111	6	1956	MRPA-U	W	T
7- 160	RCA-CHERRY HILL 1	CHERRY HILL TWP	128.0	264	220-264	6	1955	MRPA-U	W	N
7- 171	COLLINGSWOOD BORO WD 7	COLLINGSWOOD BORO	10.0	313	224-313	12	1965	MRPA-L	W	P
7- 176	COLLINGSWOOD BORO WD 2	COLLINGSWOOD BORO	12.0	278	248-278	12	1960	MRPA-L	W	P
7- 193	CRESCENT TRAILER PK 1	GLOUCESTER CITY	20.0	71	59- 71	8	1952	MRPA-U	W	P
7- 194	NJ ZINC CO 4-DEEP	GLOUCESTER CITY	5.0	279	249-279	10	1958	MRPA-L	W	N
7- 195	NJ ZINC CO 5-DEEP	GLOUCESTER CITY	5.0	279	245-275	6	-	MRPA-L	W	N
7- 210	GLOUCESTER CITY WD 42	GLOUCESTER CITY	15.0	306	-	10	1968	MRPA-L	W	P
7- 221	GLOU CITY CG BASE-USGS 1	GLOUCESTER CITY	10.0	170	162-170	6	1966	MRPA-L	O	U
7- 249	GARDEN ST WC-BLACKWOOD 3	GLOUCESTER TWP	81.0	447	426-447	12	1956	MRPA-U	W	P
7- 252	GARDEN ST WC-BLACKWOOD 6	GLOUCESTER TWP	75.0	480	407-477	12	1971	MRPA-U	W	P
7- 273	NEW JERSEY WC-OTTERBK 29	GLOUCESTER TWP	60.0	712	612-712	10	1965	MRPA-L	W	P
7- 274	NEW JERSEY WC-OTTERBK 39	GLOUCESTER TWP	60.0	349	269-349	12	1968	MRPA-U	W	P
7- 278	NEW JERSEY WC-HADDON 15	HADDON HGTS BORO	65.0	631	452-594*	8	1956	MRPA-L	W	P
7- 279	NEW JERSEY WC-HADDON 30	HADDON HGTS BORO	65.0	279	224-275	12	1965	MRPA-U	W	P
7- 290	HADDON TWP WD 1	HADDON TWP	56.0	468	436-468	10	1952	MRPA-L	W	P
7- 293	HADDON TWP HIGH SCH 1	HADDON TWP	15.0	165	142-162	6	1966	MRPA-U	W	I
7- 299	HADDONFLD BORO WD-LAYN 2	HADDONFIELD BORO	75.0	246	206-246	12	1956	MRPA-U	W	P
7- 302	HADDONFLD BORO WD-RULON	HADDONFIELD BORO	25.0	572	523-572	12	1956	MRPA-L	W	P
7- 304	HADDONFLD BORO LAKE ST	HADDONFIELD BORO	50.0	372	307-372*	12	1967	MRPA-M	W	P
7- 315	NEW JERSEY WC-MAGNOLIA16	MAGNOLIA BORO	78.0	510	428-510	8	1964	MRPA-M	W	P
7- 316	NEW JERSEY WC-MAGNOLIA33	MAGNOLIA BORO	60.0	348	271-348	12	1967	MRPA-U	W	P
7- 322	NEW JERSEY WC-OAKLYN OBS	OAKLYN BORO	33.0	113	101-111	6	1961	MRPA-U	O	U
7- 323	STEVENS AND STEVENS 1	PENNSAUKEN TWP	18.0	84	74- 84	4	1956	MRPA-U	W	P
7- 329	MERCH-PENN WCOM-BROWN 2A	PENNSAUKEN TWP	20.0	140	110-140	12	1965	MRPA-M	W	P
7- 335	MERCH-PENN WCOM-MARION1	PENNSAUKEN TWP	61.0	278	243-278	12	1957	MRPA-L	W	P
7- 339	PREDCO PREC PANELS	PENNSAUKEN TWP	32.0	108	-	-	1962	MRPA-M	W	N
7- 341	MERCH PENN WCOM-DEL GN 2	PENNSAUKEN TWP	39.0	145	115-145	12	1954	MRPA-M	W	P
7- 350	MERCH-PENN WCOM-PARK 2	PENNSAUKEN TWP	12.0	257	232-257	12	1943	MRPA-L	W	P
7- 354	PETTY ISLAND OBS	PENNSAUKEN TWP	11.6	78	-	8	1949	MRPA-L	O	U
7- 367	CAMDEN CITY WD-PUCHACK 3	PENNSAUKEN TWP	10.0	175	127-175	26	1924	MRPA-L	W	P
7- 368	CAMDEN CITY WD-DELAIR 1	PENNSAUKEN TWP	10.0	138	103-139*	18	1930	MRPA-L	W	P
7- 372	MERCH PENN WCOM-NAT HY 1	PENNSAUKEN TWP	40.0	231	195-230*	12	1967	MRPA-L	W	P
7- 373	CAMDEN CITY WD-MORRIS 6	PENNSAUKEN TWP	14.0	133	98-133	26	1932	MRPA-L	W	P
7- 379	CAMDEN CITY WD MORRIS 10	PENNSAUKEN TWP	16.0	115	75-115	18	1960	MRPA-L	W	P
7- 517	BROOKLAWN BORO WD 4-67	BROOKLAWN BORO	13.0	321	288-319	10	1967	MRPA-L	W	P
7- 535	CAMDEN CITY WD TW1 79	PENNSAUKEN TWP	10.0	132	100-130	4	1979	MRPA-L	T	U
7- 541	CAMDEN CITY WD TW8 79	CAMDEN CITY	10.0	255	215-253*	4	1979	MRPA-L	T	U
7- 553	GLOU CITY CG BASE-USGS 2	GLOUCESTER CITY	10.0	89	78- 88	5	1966	MRPA-U	O	U
7- 554	GLOU CITY CG BASE-USGS 3	GLOUCESTER CITY	10.0	34	-	2	1966	MRPA-U	O	U
7- 555	PENLER ANODIZING CO 1	CAMDEN CITY	50.0	80	75- 80	4	1968	MRPA-U	W	N
7- 559	MEADOWBROOK SWIM CLUB	PENNSAUKEN TWP	50.0	107	97-107	10	1963	MRPA-U	W	R
7- 560	MERCH-PENN WCOM-WDBINE 2	MRCHNTVILLE BORO	50.0	226	196-226	12	1979	MRPA-M	W	P
7- 562	NJDEP-HARRISON AVE 2	CAMDEN CITY	15.0	46	26- 46	4	1980	HPPM	O	U
7- 563	NJDEP-HARRISON AVE 3	CAMDEN CITY	15.0	117	97-117	4	1980	MRPA-L	O	U
7- 566	NJDEP-HARRISON AVE 6	CAMDEN CITY	15.0	40	20- 40	4	1980	HPPM	O	U
7- 567	NJDEP-HARRISON AVE 7	CAMDEN CITY	15.0	122	102-122	4	1980	MRPA-L	O	U
7- 568	PENNSAUKN LANDFILL MON 1	PENNSAUKEN TWP	30.0	60	59- 60	4	1979	HPPM	O	U
7- 571	PENNSAUKN LANDFILL MON 4	PENNSAUKEN TWP	25.1	48	47- 48	4	1979	HPPM	O	U
7- 575	BELL SUPPLY CO 1	PENNSAUKEN TWP	45.0	84	74- 84	6	1954	MRPA-U	W	N
15- 8	WOODBURY CTY WD-SEWEL 2A	DEPTFORD TWP	21.0	307	244-307	12	1973	MRPA-U	W	P
15- 9	DEPTFORD TWP MUA 5-1971	DEPTFORD TWP	78.0	447	414-447	12	1971	MRPA-U	W	P
15- 16	DEPTFORD TWP MUA 1	DEPTFORD TWP	70.0	273	252-273	12	1955	MRPA-U	W	P
15- 24	DEPTFORD TWP MUA 4	DEPTFORD TWP	40.0	363	282-345	12	1971	MRPA-M	W	P
15- 28	E GREENWICH TWP WD 2	E GREENWICH TWP	70.0	216	191-216	10	1956	MRPA-U	W	P
15- 69	GREENWICH TWP WD 3	GREENWICH TWP	10.0	168	108-168	12	1959	MRPA-M	W	P
15- 72	EI DUPONT REPAUNO 3	GREENWICH TWP	6.0	101	91-101	12	1950	MRPA-M	W	N
15- 76	HERCULES CHEM 4-1970	GREENWICH TWP	15.0	120	90-120	10	1970	MRPA-M	W	N

TABLE 2.--RECORDS OF SELECTED WELLS--CONTINUED

WELL NUMBER	LOCAL WELL IDENTIFIER	MUNICIPALITY	ALTITUDE OF LAND SURFACE (FT)	TOTAL WELL DEPTH (FT)	SCREEN SETTING (FT)	SCREEN DIAMETER (IN)	YEAR COMPLETED	AQUIFER UNIT	USE OF SITE	USE OF WATER
15- 79	EI DUPONT REPAUNO 6	GREENWICH TWP	10.0	109	84-109	12	1967	MRPA-M	W	N
15- 81	EI DUPONT REPAUNO 5	GREENWICH TWP	10.0	99	81- 99	8	1965	MRPA-M	W	N
15- 94	MOBIL OIL-GREENWICH 44	GREENWICH TWP	20.0	139	116-136	16	1947	MRPA-M	W	N
15- 98	MOBIL OIL-GREENWICH 45	GREENWICH TWP	3.0	118	95-118	16	1947	MRPA-M	W	N
15- 118	MOBIL OIL-GREENWICH 47	GREENWICH TWP	20.0	240	220-240	12	1953	MRPA-L	W	N
15- 129	SO JERSEY WAT SUP CO 1	HARRISON TWP	35.0	263	-	-	1950	MRPA-U	W	P
15- 131	CLEARVIEW HIGH SCHOOL 1	HARRISON TWP	130.0	445	-	8	1960	MRPA-U	W	T
15- 137	PURELAND WC 2 (3-1973)	LOGAN TWP	29.0	208	158-208	12	1973	MRPA-M	W	P
15- 139	PURELAND WC TEST WELL3	LOGAN TWP	8.0	345	301-345	6	1970	MRPA-L	T	U
15- 143	PURELAND WC LANDTEC TW6C	LOGAN TWP	19.4	149	106-149	6	1970	MRPA-M	O	U
15- 144	PURELAND WC 1-1973	LOGAN TWP	7.6	138	81-136*	6	1973	MRPA-M	W	P
15- 146	PURELAND WC LANDTECT TW9	LOGAN TWP	4.8	101	81-101	6	1970	MRPA-M	O	U
15- 159	MONSANTO CHEM EAST 1	LOGAN TWP	11.0	81	56- 81	12	1961	MRPA-M	W	N
15- 166	PENNS GROVE WC-BRIDGPT 2	LOGAN TWP	5.0	88	65- 85	10	1955	MRPA-M	W	P
15- 167	MONSANTO CHEM 3	LOGAN TWP	10.0	94	64- 94	10	1969	MRPA-M	W	N
15- 189	SEWELL WC 1	MANTUA TWP	80.0	377	352-377	10	1951	MRPA-U	W	P
15- 191	SEWELL WC 2	MANTUA TWP	60.0	368	336-368	10	1965	MRPA-U	W	P
15- 192	EDENWOOD WC 1	MANTUA TWP	88.0	337	315-337	12	1957	MRPA-U	W	P
15- 193	MANTUA WC 2	MANTUA TWP	65.0	317	295-317	8	1953	MRPA-U	W	P
15- 194	MANTUA WC 3	MANTUA TWP	10.0	268	230-265	8	1969	MRPA-U	W	P
15- 207	NATIONAL PARK BORO WD 2	NATIONAL PK BORO	30.0	282	241-282	8	1956	MRPA-L	W	P
15- 210	PAULSBORO WD 6-73	PAULSBORO BORO	15.0	230	185-227*	12	1973	MRPA-M	W	P
15- 212	PAULSBORO WD 4-51	PAULSBORO BORO	15.0	220	192-220	12	1951	MRPA-M	W	P
15- 213	PAULSBORO WD 5-57	PAULSBORO BORO	10.0	175	135-175	12	1957	MRPA-M	W	P
15- 220	ESSEX CHEM CO 2	PAULSBORO BORO	20.0	256	234-256	8	1954	MRPA-L	W	N
15- 231	MARINO, H	S HARRISON TWP	90.0	358	348-358	3	1954	MRPA-U	W	H
15- 236	SWEDESBORO BORO WD 3	SWEDESBORO BORO	75.0	312	241-312	12	1969	MRPA-U	W	P
15- 240	DEL MONTE CORP 9	SWEDESBORO BORO	30.0	231	190-231	10	1963	MRPA-U	W	N
15- 274	WENONAH BORO WD 1	WENONAH BORO	80.0	320	283-320	12	1944	MRPA-U	W	P
15- 276	W DEPTFORD TWP WD 4	WEST DEPTFORD TWP	60.0	288	242-288	8	1963	MRPA-U	W	P
15- 281	W DEPTFORD TWP WD 3	WEST DEPTFORD TWP	61.0	243	227-243	12	1957	MRPA-U	W	P
15- 282	W DEPTFORD TWP WD5	WEST DEPTFORD TWP	55.0	450	388-450	12	1973	MRPA-L	W	P
15- 283	SHELL CHEM CO 3	WEST DEPTFORD TWP	30.0	384	358-383	12	1962	MRPA-L	W	N
15- 284	SHELL CHEM CO 4	WEST DEPTFORD TWP	30.0	159	127-157	12	1962	MRPA-U	W	N
15- 308	PENNWALT CORP TW 8	WEST DEPTFORD TWP	10.0	271	231-271	8	1969	MRPA-L	T	U
15- 312	W DEPTFORD TWP WD 6	WEST DEPTFORD TWP	20.0	372	322-372	12	1973	MRPA-L	W	P
15- 317	TEXACO EAGLE PT 7	WEST DEPTFORD TWP	10.0	306	261-301	12	1973	MRPA-L	W	N
15- 320	TEXACO EAGLE PT 1	WEST DEPTFORD TWP	32.0	288	248-288	12	1947	MRPA-L	W	N
15- 321	TEXAS EAGLE PT 5	WEST DEPTFORD TWP	10.0	277	237-277	12	1948	MRPA-L	W	N
15- 326	WESTVILLE BORO WD 5	WESTVILLE BORO	12.0	277	243-277	12	1971	MRPA-L	W	P
15- 327	WESTVILLE BORO WD 4	WESTVILLE BORO	16.0	319	286-313	10	1957	MRPA-L	W	P
15- 331	WOODBURY WD RAILROAD 5	WOODBURY CITY	35.0	457	405-457	12	1960	MRPA-L	W	P
15- 332	WOODBURY WD-PARK LOT 3	WOODBURY CITY	50.0	188	148-188	12	1946	MRPA-U	W	P
15- 334	MACCARONE, J	WOOLWICH TWP	63.0	254	247-253	4	1954	MRPA-U	W	S
15- 337	MAUGER, SAL	WOOLWICH TWP	45.0	152	128-148	6	1955	MRPA-U	W	I
15- 340	CATALANO, F	WOOLWICH TWP	50.0	114	108-114	4	1954	MRPA-U	W	H
15- 341	BUTLER, WALTER	WOOLWICH TWP	60.0	229	222-228	3	1955	MRPA-U	W	S
15- 342	DEL MONTE CORP 10	WOOLWICH TWP	60.0	289	192-279	12	1967	MRPA-U	W	F
15- 345	MUSUMECI, P	WOOLWICH TWP	62.0	100	94-100	4	1954	MRPA-U	W	H
15- 347	GREENWICH TWP WD 5	GREENWICH TWP	20.0	122	82-117	12	1977	MRPA-M	W	P
15- 348	GREENWICH TWP WD 6	GREENWICH TWP	20.0	138	105-135	12	1978	MRPA-U	W	P
15- 349	PURELAND WC LANDTECT 2	LOGAN TWP	5.0	220	170-220	6	1970	MRPA-L	O	U
15- 350	PURELAND WC LANDTECT 1	LOGAN TWP	20.4	284	234-284	6	1970	MRPA-L	O	-
15- 354	ROLLINS ENVIR DP2	LOGAN TWP	13.3	90	80- 90	4	1976	MRPA-M	O	U
15- 355	E GREENWICH TWP WD 3	E GREENWICH TWP	42.0	246	205-245	12	1975	MRPA-U	W	P
15- 366	CIANCIULLI, TIMOTHY	E GREENWICH TWP	80.0	219	209-219	3	1978	MRPA-U	W	H
15- 374	DEPTFORD TWP MUA 6	DEPTFORD TWP	50.0	489	430-486	12	1979	MRPA-M	W	P
15- 387	ROLLINS ENVIR DP1	LOGAN TWP	5.3	90	80- 90	4	1976	MRPA-M	O	U
15- 388	ROLLINS ENVIR DP3	LOGAN TWP	22.3	85	75- 85	4	1980	MRPA-M	O	U
15- 390	GLOUCESTER SEW AUTH 1	WEST DEPTFORD TWP	10.0	107	91-106	6	1971	MRPA-U	W	N
15- 392	NJ TPK AUTH-MAINT S-1-64	WOOLWICH TWP	90.0	251	241-251	6	1964	MRPA-U	W	N
15- 395	REPAUPO FIRE CO 30-1972	GREENWICH TWP	5.0	113	93-113	6	1979	MRPA-U	W	F
15- 399	ALLIED ENERGY 1 1977	LOGAN TWP	25.0	101	71- 91	10	1977	MRPA-M	W	F
15- 409	LOGAN TWP MUA 1	LOGAN TWP	20.0	103	83-103	6	1975	MRPA-M	W	P
15- 410	TEXACO EAGLE PT 4A	W DEPTFORD TWP	5.0	296	256-296	12	1978	MRPA-L	W	N
15- 417	S&S AUCTION HOUSE 1 1978	LOGAN TWP	10.0	61	51- 61	4	1978	MRPA-U	W	N
21- 39	STAUFFER CHEM CO 1	HAMILTON TWP	55.0	199	179-199	8	1964	MRPA-M	W	N
21- 44	BORDENTOWN WD-WH 1	HAMILTON TWP	20.0	121	101-121	12	1964	MRPA-M	W	P
21- 92	CHAMPALE INC-YARDSIDE	TRENTON CITY	27.0	80	70- 80	10	1961	HPPM	U	U
21- 147	PUB SERV E-G-DUCK ISL 1	TRENTON CITY	10.0	63	43- 63	12	1977	HPPM	W	N
33- 67	EI DUPONT-COURSE LAND P1	MANNINGTON TWP	10.0	613	445-601*	12	1966	MRPA-M	W	I

TABLE 2.--RECORDS OF SELECTED WELLS--CONTINUED

WELL NUMBER	LOCAL WELL IDENTIFIER	MUNICIPALITY	ALTITUDE OF LAND SURFACE (FT)	TOTAL WELL DEPTH (FT)	SCREEN SETTING (FT)	SCREEN DIAMETER (IN)	YEAR COMPLETED	AQUIFER UNIT	USE OF SITE	USE OF WATER
33- 69	NJ TPKE SERV AREA 1N-1	OLDMANS TWP	40.0	333	313-333	8	1953	MRPA-M	W	N
33- 74	OLDSMANS TWP WD 1	OLDMANS TWP	80.0	205	185-205	6	1968	MRPA-U	W	P
33- 76	DAWSON, H W	OLDMANS TWP	27.0	124	118-123	4	1957	MRPA-U	W	H
33- 80	AIRCO INDUSTRIAL GASES 1	OLDMANS TWP	12.0	135	112-132	12	1963	MRPA-M	W	N
33- 83	BF GOODRICH CO 9	OLDMANS TWP	10.0	133	93-133	12	1968	MRPA-M	W	N
33- 85	BF GOODRICH CO 6	OLDMANS TWP	10.0	129	109-129	6	1967	MRPA-M	W	N
33- 86	BF GOODRICH CO 4	OLDMANS TWP	13.0	189	169-189	6	1967	MRPA-L	W	N
33- 103	PENNS GROVE SEW AUTH 1	PENNS GROVE BORO	2.0	60	50- 60	8	1955	MRPA-M	W	Z
33- 106	LINSKI, ALEX 2-1962	PENNSVILLE TWP	5.0	366	359-365	4	1962	MRPA-M	W	H
33- 108	US ARMY-FINNS PT CEM	PENNSVILLE TWP	7.0	319	282-319	4	1951	MRPA-M	W	T
33- 112	PENNSVILLE TWP WD 4	PENNSVILLE TWP	10.0	137	117-137	12	1965	MRPA-U	W	P
33- 117	PENNSVILLE TWP WD 3	PENNSVILLE TWP	7.0	102	87-102	12	1956	MRPA-U	W	P
33- 118	PENNSVILLE TWP WD 1	PENNSVILLE TWP	8.0	238	213-238	10	1945	MRPA-M	W	P
33- 119	PENNSVILLE TWP WD 2	PENNSVILLE TWP	7.0	232	210-230	10	1949	MRPA-M	W	P
33- 122	ATL CITY EL-DEEPWATER 3R	PENNSVILLE TWP	10.0	235	165-235*	12	1970	MRPA-M	W	N
33- 126	EI DUPONT-RANNEY 7	PENNSVILLE TWP	15.0	140	52-140	12	1966	MRPA-U	W	N
33- 127	ATL CITY EL-DEEPWATER 6	PENNSVILLE TWP	10.0	188	158-188	12	1958	MRPA-M	W	N
33- 137	EI DUPONT-DRINKWATER 8	PENNSVILLE TWP	14.0	361	317-347	10	1943	MRPA-L	W	N
33- 147	SALEM CO OFFICE BLDG 1	PILESGROVE TWP	40.0	368	361-368	4	1958	MRPA-U	W	T
33- 163	RICHMAN ICE CREAM 1	PILESGROVE TWP	25.0	475	455-475	8	1948	MRPA-M	W	N
33- 198	DUBOIS BROTHERS IRR 74	PILESGROVE TWP	51.0	368	337-362	8	1974	MRPA-M	W	I
33- 305	EI DUPONT-COURSE LAND P3	UPPER PENNS NECK	14.0	457	381-457	12	1966	MRPA-M	W	N
33- 322	EI DUPONT-CARNEY PT 2	UPPER PENNS NECK	5.0	219	169-219	12	1933	MRPA-M	W	N
33- 345	PENNS GROVE WC 2B	UPPER PENNS NECK	19.0	60	45- 58	12	1944	MRPA-U	W	P
33- 346	PENNS GROVE WC-LAYNE 1	UPPER PENNS NECK	19.0	357	317-357	8	1956	MRPA-L	W	P
33- 354	WOODSTOWN BORO WD 2	WOODSTOWN BORO	45.0	705	670-705	8	1946	MRPA-M	W	P
33- 360	PENNSVILLE TWP WD 5	PENNSVILLE TWP	10.0	125	101-117	12	1979	MRPA-U	W	P
33- 361	PENNS GROVE WC LAYTN1-79	UPPER PENNS NECK	13.0	64	54- 64	12	1978	MRPA-U	W	P
33- 362	WOODSTOWN BORO WD 3	WOODSTOWN BORO	60.0	712	692-712	10	1975	MRPA-M	W	P
33- 419	NL INDUSTRIES MON 8R	OLDMANS TWP	10.0	108	101-108	4	1980	MRPA-M	O	U
33- 420	NL INDUSTRIES MON 9R2	OLDMANS TWP	10.0	61	53- 61	4	1980	HPPM	O	U
33- 421	SPARKS, MAYHEW	MANNINGTON TWP	15.0	340	332-340	3	1967	MRPA-M	W	H
BK- 563	BRISTOL BOROUGH WD 6	BRISTOL BOROUGH	15.0	27	19- 27	10	1945	HPPM	W	P
BK- 636	KINGS FARM CO	FALLS TOWNSHIP	20.0	68	55- 68	12	1950	MRPA-M	W	C
BK- 638	PENNSBURY MANOR ST PARK	FALLS TOWNSHIP	15.0	40	-	6	1938	HPPM	W	H
BK-1143	PENNSBY MANOR ST PK-DEEP	FALLS TOWNSHIP	15.0	150	144-150	8	1962	MRPA-M	W	P
BK-1144	ROHM AND HAAS 3	BRISTOL TOWNSHIP	20.0	89	64- 89	18	1934	MRPA-M	W	N
PH- 6	US NAVAL BASE	PHILADELPHIA	10.2	171	138-163	12	1942	MRPA-L	O	U
PH- 12	US NAVAL BASE	PHILADELPHIA	8.6	101	-	8	1944	MRPA-M	O	U
PH- 19	US NAVAL BASE	PHILADELPHIA	8.7	252	242-247	6	1946	MRPA-L	T	U
PH- 20	US NAVAL BASE	PHILADELPHIA	13.0	244	235-240	8	1946	MRPA-L	T	U
PH- 44	GULF OIL CORP	PHILADELPHIA	10.5	82	72- 82	6	1946	MRPA-L	W	N
PH- 64	ROOSEVELT PARK	PHILADELPHIA	3.0	84	-	6	1919	MRPA-L	U	U
PH- 86	US NAVAL HOSPITAL	PHILADELPHIA	8.0	142	117-142	10	1942	MRPA-L	U	U
PH- 205	NATIONWIDE FURNITURE	PHILADELPHIA	10.0	61	42- 61	8	1928	MRPA-L	W	F
PH- 407	PUBLICKER INDUSTRIES	PHILADELPHIA	8.0	189	159-189	18	1937	MRPA-L	W	N
PH- 415	PUBLICKER INDUSTRIES	PHILADELPHIA	8.0	92	72- 92	16	1943	HPPM	W	N
PH- 417	PUBLICKER INDUSTRIES	PHILADELPHIA	5.3	165	145-165	10	1943	MRPA-L	W	N
PH- 466	CONTINENTAL DISTILLERS	PHILADELPHIA	12.0	165	-	8	1926	MRPA-L	U	U

EXPLANATION

* INDICATES WELL HAS MULTIPLE SCREENS.

AQUIFER UNITS

MRPA--POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM
-U UPPER AQUIFER UNIT
-M MIDDLE AQUIFER UNIT
-L LOWER AQUIFER UNIT
HPPM--HOLOCENE-PLEISTOCENE-PLEIOCENE-MIOCENE DEPOSITS (Overlying water-table aquifer in outcrop area)

USE OF SITE

O - OBSERVATION
T - TEST
U - UNUSED
W - WITHDRAWAL

USE OF WATER

A - AIR CONDITIONING
C - COMMERCIAL
F - FIRE PROTECTION
H - DOMESTIC
I - IRRIGATION
N - INDUSTRIAL
P - PUBLIC SUPPLY
R - RECREATION
S - STOCK
T - INSTITUTION
U - UNUSED
Z - OTHER

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS

WELL NUMBER	LOCAL IDENTIFIER	DATE OF SAMPLE	TEMPERATURE, WATER (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH FIELD (UNITS)	CARBON DIOXIDE DISSOLVED (MG/L AS CO2)	ALKALINITY (MG/L AS CACO3)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS P)	CARBON, ORGANIC DISSOLVED (MG/L AS C)
				BURLINGTON						
5- 39	DELAWARE VALLEY WC 15	80-06-30	13.5	207	5.5	71	11	7.3	.000	4.1
5- 43	OCEAN SPRAY 1	80-06-05	13.5	157	6.6	28	62	.00	.000	3.3
5- 48	NJ DEPT DEF-NAT GUARD 1	80-06-05	13.5	156	6.6	28	59	.00	.000	1.9
5- 51	BURLINGTON CITY WD 3	80-06-12	14.5	317	6.3	64	69	.86	.020	4.5
5- 63	WILLINGBORO MUA 1-OBS	80-07-25	14.0	241	6.7	33	84	.01	.010	.4
5- 76	HEAL, CHARLES	80-06-19	13.5	250	6.3	27	28	.02	.000	3.9
5- 77	BURLINGTON TWP WD 1-1973	80-06-12	14.5	208	6.8	25	81	.01	.050	7.0
5- 87	TENNECO CHEM 5-OBS	80-07-25	15.0	204	5.9	26	11	8.9	.000	.6
5- 89	TENNECO CHEM 7	80-06-20	13.5	212	4.8	76	2	3.2	.000	5.3
5- 92	TENNECO CHEM 1	80-07-25	15.0	586	5.2	172	14	.93	.000	.8
5- 94	TENNECO CHEM 3	80-06-20	15.0	389	5.9	111	45	2.1	.000	1.3
5- 100	HERCULES POWDER 2	80-06-11	20.5	204	6.4	49	63	.12	.000	.9
5- 102	COLUMBUS METAL 1	80-06-11	13.5	56	6.0	30	16	.01	.090	2.8
5- 105	HOOKER CHEM CO-PROD 1	80-06-26	12.5	110	5.2	50	4	1.7	.000	1.1
5- 121	NJ STATE REFORMATORY 4	80-06-05	13.5	88	6.3	30	34	.00	.000	--
5- 123	DELAWARE VALLEY WC 28	80-08-06	14.0	80	5.4	38	5	6.2	.000	.3
5- 126	DELAWARE VALLEY WC 12	80-08-06	14.0	149	5.0	48	2	6.0	.000	1.0
5- 127	DELAWARE VALLEY WC 14	80-06-30	13.0	117	4.7	64	2	6.8	.020	1.9
5- 130	DELAWARE VALLEY WC 13	80-06-30	13.5	124	4.9	40	2	7.8	.000	1.0
5- 139	HOLIDAY LAKE WORTHINGTON	80-08-29	15.0	106	5.7	22	6	4.0	.020	.6
5- 140	CHANT, HARRY	80-08-29	13.5	72	6.7	9.9	25	.01	.010	.5
5- 144	DELAWARE VALLEY WC 24	80-06-30	13.5	126	4.6	20	0	6.2	.000	7.6
5- 162	DAYMENN CONVERTING	80-06-19	16.5	250	5.2	111	9	5.9	.000	3.4
5- 184	HUNT BROS CIRCUS	80-06-06	13.5	248	4.9	60	2	.00	.000	2.0
5- 185	SHERWATT EQUIPMENT 1	80-06-06	13.5	219	6.7	40	102	.00	.230	3.9
5- 189	FLORENCE TWP WD 2	80-06-12	14.0	272	6.1	55	35	2.5	.020	10
5- 208	COLUMBUS WC 2	80-10-22	14.0	183	7.2	10	85	.01	.000	2.0
5- 212	N BURL CO HIGH SCHOOL 1	80-10-22	14.5	154	7.0	14	74	.01	.010	4.3
5- 214	WALDER, THOMAS	80-07-29	14.5	170	6.6	31	64	.00	.000	.6
5- 228	MAPLE SHADE WD10	80-08-28	16.0	187	6.7	25	64	.00	--	.3
5- 229	MAPLE SHADE WC 9	80-08-29	14.0	205	6.7	26	66	.01	.000	.8
5- 232	MAPLE SHADE WD 8	80-07-15	14.0	148	6.1	78	50	.01	.050	.4
5- 265	MOORESTOWN TWP WD 6	80-07-11	14.5	154	6.3	59	60	.00	.000	1.3
5- 273	MOORESTOWN FIELD CLUB 1	80-06-27	14.0	146	6.1	104	67	.01	.000	2.7
5- 277	CAMPBELL SOUP 3	80-06-26	14.0	63	4.9	49	2	3.7	.000	1.4
5- 283	MOORESTOWN TWP WD 8	80-07-11	14.0	209	6.6	45	92	.02	.010	.8
5- 289	MT HOLLY WC 3	80-10-23	14.5	181	7.2	10	82	.01	.010	1.7
5- 290	MT HOLLY WC 6	80-10-23	16.5	166	7.1	11	71	.03	.000	2.0
5- 292	MOUNT HOLLY WC7	80-08-05	15.0	211	6.9	20	81	.00	.000	.2
5- 301	FELLOWSHIP MOTOR LODGE	80-08-20	15.0	233	6.7	29	75	.01	.000	.7
5- 304	MT LAUREL MUA2	80-08-28	15.0	211	6.8	21	66	.01	--	.3
5- 310	NJ TURNPIKE AUTH-MAINT 2	80-09-08	14.5	221	7.2	11	86	.00	.090	.7
5- 317	NJ TURNPIKE AUTH 4N-1	80-09-08	15.0	259	7.6	4.8	98	.00	.000	.4
5- 324	MT LAUREL MUA 3	80-08-28	16.5	192	6.9	17	67	.03	.000	.2
5- 392	RIVERSIDE PUB SCHOOL 1	80-06-17	14.0	156	5.2	40	3	6.1	.010	1.5
5- 441	HELIS STOCK FARM 3	80-10-22	20.0	142	7.1	11	68	.06	.010	2.0
5- 446	INTSTATE STOR+PIPELN CO	80-06-19	14.0	240	7.5	6.5	105	.04	.010	1.7
5- 448	NJ DOT-RT295 REST AREA 1	80-07-17	14.0	210	6.7	33	84	.01	.020	.6
5- 637	HANOVER TRLS COMMISSARY	80-06-26	13.5	345	6.8	37	118	.00	.000	4.5
5- 647	RANCOCAS COUNTRY CLUB 1	80-06-17	14.0	246	6.7	30	83	.02	.000	3.1
5- 653	WILLINGBORO MUA 4	80-06-18	14.0	101	6.3	20	21	.04	.000	2.5
5- 658	WILLINGBORO MUA 7	80-06-18	13.5	98	6.5	24	39	.03	.000	.4
5- 661	WILLINGBORO MUA 1	80-06-18	14.0	205	5.2	50	4	8.5	.010	1.0
5- 667	WILLINGBORO MUA 5	80-06-18	13.5	117	5.1	25	2	.03	.000	1.7
5- 719	PEP BOYS 1	80-06-16	20.0	301	7.2	6.6	57	4.6	.100	7.2
5- 729	MAPLE SHADE WD 2	80-07-15	14.5	182	6.4	47	61	.00	.210	.6
5- 731	INTERSTATE WASTE-MON 8	80-10-23	13.0	650	7.2	25	200	.05	.000	5.7
5- 745	BURLINGTON COUNTY CLUB 1	80-08-06	14.0	191	6.8	26	84	.04	.000	.3
5- 746	MAPLE SHADE WD 11	80-07-15	15.0	126	6.2	62	51	.01	.000	.3
5- 768	M LISEHORA-GARAGE WELL	80-09-25	14.0	396	7.2	17	138	.14	.000	.4
5- 777	HOLIDAY LK ICE CREAM STD	80-08-29	16.0	149	4.9	24	1	2.8	.000	1.0
5- 778	BEST WESTERN MOTEL #2	80-08-05	15.0	183	7.5	5.6	90	.00	.110	.5
5- 779	PYROPTICS 1	80-06-11	14.0	192	5.2	--	--	.01	.000	2.0
5- 780	WASTE RESOURCE OBS 6	80-12-02	16.0	615	6.6	85	173	2.1	.000	11
5- 781	WASTE RESOURCE OBS 5	80-12-02	15.0	284	4.9	44	2	5.4	.010	4.4
5- 788	C R ENGLAND CO	80-06-06	18.0	184	5.7	37	10	5.0	.000	2.7

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENT-I-FIER	DATE OF SAMPLE	HARD-NESS (MG/L AS CACO3)	HARD-NESS, NONCAR-BONATE (MG/L CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SULFATE DIS-SOLVED (MG/L AS SO4)	BICAR-BONATE (MG/L AS HCO3)
					BURLINGTON					
DELAWARE VALLEY WC 15	80-06-30	61	50	9.4	9.1	9.4	3.9	12	42	14
OCEAN SPRAY 1	80-06-05	56	0	17	3.2	3.1	2.4	2.1	12	75
NJ DEPT DEF-NAT GUARD 1	80-06-05	53	0	16	3.1	2.3	2.5	1.8	16	72
BURLINGTON CITY WD 3	80-06-12	94	25	22	9.5	16	9.2	18	53	84
WILLINGBORO MUA 1-OBS	80-07-25	86	2	25	5.6	3.1	4.3	1.0	40	103
HEAL, CHARLES	80-06-19	27	0	6.1	2.8	6.6	1.4	15	65	34
BURLINGTON TWP WD 1-1973	80-06-12	85	4	26	4.7	3.2	5.0	2.3	20	99
TENNECO CHEM 5-OBS	80-07-25	58	47	13	6.1	8.0	2.5	18	23	13
TENNECO CHEM 7	80-06-20	55	53	11	6.5	6.4	2.0	11	55	3
TENNECO CHEM 1	80-07-25	130	120	29	14	26	3.0	20	240	17
TENNECO CHEM 3	80-06-20	120	75	24	14	25	3.3	30	83	55
HERCULES POWDER 2	80-06-11	47	0	11	4.8	5.9	1.3	6.6	29	77
COLUMBUS METAL 1	80-06-11	10	0	2.4	.9	2.2	.7	1.9	8.1	19
HOOKER CHEM CO-PROD 1	80-06-26	33	29	6.1	4.3	4.2	1.7	6.5	25	5
NJ STATE REFORMATORY 4	80-06-05	28	0	8.5	1.7	2.0	--	1.9	8.4	41
DELAWARE VALLEY WC 28	80-08-06	19	14	4.4	2.0	5.4	1.7	7.2	.1	6
DELAWARE VALLEY WC 12	80-08-06	37	35	7.4	4.4	9.4	2.3	18	7.8	3
DELAWARE VALLEY WC 14	80-06-30	30	28	5.7	3.7	4.8	2.4	11	13	2
DELAWARE VALLEY WC 13	80-06-30	33	31	7.4	3.4	5.4	2.0	9.2	16	2
HOLIDAY LAKE WORTHINGTON	80-08-29	31	25	7.8	2.8	4.5	2.1	6.0	18	7
CHANT, HARRY	80-08-29	18	0	4.9	1.3	3.6	1.7	5.4	4.7	31
DELAWARE VALLEY WC 24	80-06-30	21	21	3.9	2.7	9.5	3.1	10	19	0
DAYMENN CONVERTING	80-06-19	76	67	12	11	11	2.9	25	40	11
HUNT BROS CIRCUS	80-06-06	63	61	9.3	9.7	14	3.0	30	48	3
SHERWATT EQUIPMENT 1	80-06-06	80	0	24	4.7	3.2	2.9	2.7	8.3	124
FLORENCE TWP WD 2	80-06-12	80	45	16	9.6	18	2.7	27	37	43
COLUMBUS WC 2	80-10-22	85	0	28	3.6	2.2	5.1	1.0	11	104
N BURL CO HIGH SCHOOL 1	80-10-22	68	0	22	3.0	2.1	3.7	1.9	9.3	90
WALDER, THOMAS	80-07-29	67	3	21	3.5	3.4	3.8	3.1	13	78
MAPLE SHADE WD10	80-08-28	60	0	18	3.5	4.7	4.4	2.3	26	78
MAPLE SHADE WC 9	80-08-29	77	11	21	5.7	2.8	5.1	1.2	36	80
MAPLE SHADE WD 8	80-07-15	46	0	12	3.7	2.0	2.6	4.7	16	61
MOORESTOWN TWP WD 6	80-07-11	52	0	14	3.9	2.4	3.4	1.6	15	73
MOORESTOWN FIELD CLUB 1	80-06-27	36	0	7.7	3.9	2.4	2.3	2.4	5.2	82
CAMPBELL SOUP 3	80-06-26	15	13	3.8	1.3	2.6	1.4	4.8	1.8	2
MOORESTOWN TWP WD 8	80-07-11	83	0	23	6.0	3.0	4.6	2.0	14	112
MT HOLLY WC 3	80-10-23	84	2	27	3.9	2.7	5.6	1.0	13	100
MT HOLLY WC 6	80-10-23	73	2	23	3.5	3.2	5.4	1.3	18	86
MOUNT HOLLY WC7	80-08-05	88	7	27	4.8	3.6	6.3	1.7	22	99
FELLOWSHIP MOTOR LODGE	80-08-20	92	17	27	5.8	3.0	6.3	.9	39	92
MT LAUREL MUA2	80-08-28	86	20	26	4.8	3.1	5.7	1.7	32	81
NJ TURNPIKE AUTH-MAINT 2	80-09-08	90	4	27	5.4	3.0	6.6	1.2	22	105
NJ TURNPIKE AUTH 4N-1	80-09-08	110	12	35	6.1	3.4	7.2	.9	33	120
MT LAUREL MUA 3	80-08-28	69	2	21	3.7	5.9	5.5	2.8	24	82
RIVERSIDE PUB SCHOOL 1	80-06-17	43	40	8.3	5.3	6.1	3.4	12	22	4
HELIS STOCK FARM 3	80-10-22	70	2	23	2.9	2.0	4.1	1.6	7.5	83
INTSTATE STOR+PIPELN CO	80-06-19	110	5	33	5.0	2.6	5.4	1.8	18	128
NJ DOT-RT295 REST AREA 1	80-07-17	84	0	25	5.1	4.5	3.8	2.9	16	103
HANOVER TRLS COMMISSARY	80-06-26	150	32	45	9.1	3.7	6.8	1.9	46	144
RANCOCAS COUNTRY CLUB 1	80-06-17	97	14	29	5.8	2.8	5.0	1.2	37	102
WILLINGBORO MUA 4	80-06-18	19	0	5.2	1.4	4.4	1.5	5.1	19	25
WILLINGBORO MUA 7	80-06-18	18	0	4.6	1.6	2.3	1.3	2.9	7.0	47
WILLINGBORO MUA 1	80-06-18	61	57	13	6.8	8.1	2.7	26	31	5
WILLINGBORO MUA 5	80-06-18	29	27	6.7	3.0	6.2	1.5	32	8.5	2
PEP BOYS 1	80-06-16	73	16	13	9.7	32	3.0	14	40	70
MAPLE SHADE WD 2	80-07-15	58	0	15	4.9	1.9	3.7	8.8	15	74
INTERSTATE WASTE-MON 8	80-10-23	370	170	118	18	4.6	6.7	2.9	190	244
BURLINGTON COUNTY CLUB 1	80-08-06	84	0	26	4.4	3.0	5.6	1.1	13	103
MAPLE SHADE WD 11	80-07-15	35	0	9.9	2.3	2.2	2.8	2.3	9.1	61
M LISEHORA-GARAGE WELL	80-09-25	190	52	61	8.6	4.1	6.9	1.9	63	168
HOLIDAY LK ICE CREAM STD	80-08-29	27	26	7.5	2.0	14	2.1	15	27	1
BEST WESTERN MOTEL #2	80-08-05	0	0	.1	.1	51	1.4	1.4	10	110
PYROPTICS 1	80-06-11	34	--	5.7	4.8	11	1.3	17	47	--
WASTE RESOURCE OBS 6	80-12-02	83	0	18	9.1	51	19	74	5.5	211
WASTE RESOURCE OBS 5	80-12-02	92	90	22	8.9	11	5.3	8.2	87	2
C R ENGLAND CO	80-06-06	50	40	7.8	7.5	10	2.8	16	33	12

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENT-I-FIER	DATE OF SAMPLE	SILICA, DIS-SOLVED (MG/L AS SIO2)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
				BURLINGTON						
DELAWARE VALLEY WC 15	80-06-30	12	110	<1	<1	<3	<10	35	<10	<4
OCEAN SPRAY 1	80-06-05	10	100	<1	2	<3	<10	6000	<10	12
NJ DEPT DEF-NAT GUARD 1	80-06-05	9.3	80	<1	<1	<3	<10	8900	<10	11
BURLINGTON CITY WD 3	80-06-12	11	100	<1	4	<3	<10	6200	--	12
WILLINGBORO MUA 1-OBS	80-07-25	8.2	70	<1	4	<3	<10	10000	<10	8
HEAL, CHARLES	80-06-19	13	60	<1	10	<3	<10	79000	<10	9
BURLINGTON TWP WD 1-1973	80-06-12	10	90	<1	4	<3	<10	2800	--	8
TENNECO CHEM 5-OBS	80-07-25	15	230	1	3	13	<10	880	12	24
TENNECO CHEM 7	80-06-20	9.2	70	<1	5	<3	<10	6700	--	10
TENNECO CHEM 1	80-07-25	11	30	<1	15	<3	<10	52000	28	26
TENNECO CHEM 3	80-06-20	7.4	60	<1	2	8	<10	290	--	5
HERCULES POWDER 2	80-06-11	11	100	<1	8	<3	<10	19000	<10	21
COLUMBUS METAL 1	80-06-11	11	30	<1	2	<3	<10	4800	<10	18
HOOKER CHEM CO-PROD 1	80-06-26	11	50	1	<1	<3	<10	7	--	6
NJ STATE REFORMATORY 4	80-06-05	8.2	70	<1	3	<3	<10	4700	--	12
DELAWARE VALLEY WC 28	80-08-06	8.3	50	<1	2	<3	25	4	<10	8
DELAWARE VALLEY WC 12	80-08-06	9.3	110	<1	2	5	17	21	<10	<4
DELAWARE VALLEY WC 14	80-06-30	7.6	80	<1	2	6	40	17	<10	9
DELAWARE VALLEY WC 13	80-06-30	8.4	90	<1	2	7	250	8	--	6
HOLIDAY LAKE WORTHINGTON	80-08-29	11	110	<1	4	6	15	30	<10	22
CHANT, HARRY	80-08-29	13	50	<1	4	<3	<10	4000	13	15
DELAWARE VALLEY WC 24	80-06-30	10	70	1	<1	11	44	14	<10	15
DAYMENN CONVERTING	80-06-19	12	110	<1	4	4	770	290	--	<4
HUNT BROS CIRCUS	80-06-06	10	50	<1	<1	51	<10	820	<10	5
SHERWATT EQUIPMENT 1	80-06-06	18	90	<1	1	<3	<10	9700	<10	27
FLORENCE TWP WD 2	80-06-12	9.0	70	<1	4	<3	<10	7	--	4
COLUMBUS WC 2	80-10-22	8.1	120	<1	<1	6	<10	1600	<10	<4
N BURL CO HIGH SCHOOL 1	80-10-22	8.7	110	<1	<1	16	<10	4900	<10	6
WALDER, THOMAS	80-07-29	8.7	110	<1	4	<3	<10	5200	12	5
MAPLE SHADE WD10	80-08-28	13	70	<1	6	<3	<10	11000	13	8
MAPLE SHADE WC 9	80-08-29	13	100	<1	7	<3	<10	13000	<10	16
MAPLE SHADE WD 8	80-07-15	12	90	<1	7	<3	<10	13000	15	17
MOORESTOWN TWP WD 6	80-07-11	11	90	<1	4	<3	<10	10000	<10	13
MOORESTOWN FIELD CLUB 1	80-06-27	14	80	<1	7	<3	17	20000	<10	21
CAMPBELL SOUP 3	80-06-26	9.1	260	<1	<1	<3	300	17	--	19
MOORESTOWN TWP WD 8	80-07-11	14	90	<1	2	<3	<10	8700	12	19
MT HOLLY WC 3	80-10-23	8.7	120	<1	<1	3	<10	1200	<10	<4
MT HOLLY WC 6	80-10-23	8.2	110	<1	<1	5	<10	1400	<10	<4
MOUNT HOLLY WC 7	80-08-05	8.3	130	<1	2	<3	<10	1900	<10	<4
FELLOWSHIP MOTOR LODGE	80-08-20	9.6	120	1	3	<3	<10	5100	13	8
MT LAUREL MUA 2	80-08-28	10	100	<1	3	<3	<10	4300	40	7
NJ TURNPIKE AUTH-MAINT 2	80-09-08	11	110	<1	5	<3	<10	2400	15	7
NJ TURNPIKE AUTH 4N-1	80-09-08	8.3	80	<1	6	<3	14	780	15	5
MT LAUREL MUA 3	80-08-28	12	80	<1	4	<3	<10	6500	11	<4
RIVERSIDE PUB SCHOOL 1	80-06-17	7.2	110	1	3	<3	35	41	--	6
HELIS STOCK FARM 3	80-10-22	8.2	100	<1	<1	<3	<10	30	<10	5
INTSTATE STOR+PIPELN CO	80-06-19	7.9	290	<1	4	<3	<10	1100	<10	<4
NJ DOT-RT295 REST AREA 1	80-07-17	9.4	100	<1	3	<3	<10	7600	13	9
HANOVER TRLS COMMISSARY	80-06-26	8.6	110	<1	<1	<3	<10	25000	--	17
RANCOCAS COUNTRY CLUB 1	80-06-17	8.5	130	<1	<1	<3	<10	6900	<10	9
WILLINGBORO MUA 4	80-06-18	11	100	1	3	<3	<10	8600	<10	22
WILLINGBORO MUA 7	80-06-18	10	70	<1	6	<3	<10	13000	<10	12
WILLINGBORO MUA 1	80-06-18	11	140	4	5	6	21	10	<10	21
WILLINGBORO MUA 5	80-06-18	10	100	2	1	4	20	140	<10	24
PEP BOYS 1	80-06-16	11	90	<1	<1	<3	77	9	--	<4
MAPLE SHADE WD 2	80-07-15	17	90	<1	8	<3	<10	13000	18	22
INTERSTATE WASTE-MON 8	80-10-23	19	90	<1	<1	9	<10	2800	<10	40
BURLINGTON COUNTY CLUB 1	80-08-06	8.6	130	1	2	<3	<10	1500	<10	<4
MAPLE SHADE WD 11	80-07-15	12	80	<1	8	<3	<10	12000	16	15
M LISEHORA-GARAGE WELL	80-09-25	8.6	110	<1	<1	3	<10	2600	<10	5
HOLIDAY LK ICE CREAM STD	80-08-29	6.7	60	<1	2	4	56	23	<10	<4
BEST WESTERN MOTEL #2	80-08-05	8.5	9	1	<1	<3	<10	21	<10	<4
PYROPTICS 1	80-06-11	12	60	3	<1	<3	<10	11000	<10	11
WASTE RESOURCE OBS 6	80-12-02	9.3	120	1	<1	9	<10	190	<10	6
WASTE RESOURCE OBS 5	80-12-02	5.7	40	3	1	36	14	44	<10	<4
C R ENGLAND CO	80-06-06	13	60	<1	<1	<3	470	27	<10	<4

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENT-I-FIER	DATE OF SAMPLE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	FLOW RATE, INSTAN-TANEOUS (GPM)
				BURLINGTON				
DELAWARE VALLEY WC 15	80-06-30	4	22	83	<6.0	46	143	347
OCEAN SPRAY 1	80-06-05	97	<10	200	<6.0	<4	94	550
NJ DEPT DEF-NAT GUARD 1	80-06-05	120	<10	200	<6.0	27	87	200
BURLINGTON CITY WD 3	80-06-12	780	<10	220	<6.0	8	196	175
WILLINGBORO MUA 1-OBS	80-07-25	180	<10	440	<6.0	6	147	8
HEAL, CHARLES	80-06-19	2700	<10	240	<6.0	<4	169	--
BURLINGTON TWP WD 1-1973	80-06-12	63	<10	380	<6.0	12	119	330
TENNECO CHEM 5-OBS	80-07-25	560	<10	79	<6.0	79	164	5
TENNECO CHEM 7	80-06-20	3000	<10	300	<6.0	23	154	--
TENNECO CHEM 1	80-07-25	1900	<10	180	<6.0	83	456	300
TENNECO CHEM 3	80-06-20	1200	<10	130	<6.0	6	273	--
HERCULES POWDER 2	80-06-11	150	<10	120	14	12	86	275
COLUMBUS METAL 1	80-06-11	52	14	33	<6.0	<4	38	10
HOOKER CHEM CO-PROD 1	80-06-26	5	<10	47	<6.0	7	82	500
NJ STATE REFORMATORY 4	80-06-05	78	11	170	<6.0	<4	--	470
DELAWARE VALLEY WC 28	80-08-06	10	<10	65	<6.0	56	78	1000
DELAWARE VALLEY WC 12	80-08-06	64	<10	67	<6.0	12	120	700
DELAWARE VALLEY WC 14	80-06-30	30	<10	55	<6.0	34	76	765
DELAWARE VALLEY WC 13	80-06-30	38	11	63	<6.0	33	77	675
HOLIDAY LAKE WORTHINGTON	80-08-29	5	11	170	10	30	67	200
CHANT, HARRY	80-08-29	48	<10	180	<6.0	18	47	350
DELAWARE VALLEY WC 24	80-06-30	100	<10	41	<6.0	30	82	902
DAYMENN CONVERTING	80-06-19	340	<10	290	<6.0	49	160	45
HUNT BROS CIRCUS	80-06-06	17	<10	82	<6.0	51	177	5
SHERWATT EQUIPMENT 1	80-06-06	96	<10	180	7.0	18	125	11
FLORENCE TWP WD 2	80-06-12	2	<10	110	<6.0	40	186	400
COLUMBUS WC 2	80-10-22	31	<10	360	<6.0	<4	110	105
N BURL CO HIGH SCHOOL 1	80-10-22	78	<10	270	<6.0	<4	92	90
WALDER, THOMAS	80-07-29	67	<10	410	<6.0	16	100	12
MAPLE SHADE WD10	80-08-28	120	<10	870	<6.0	<4	97	1240
MAPLE SHADE WC 9	80-08-29	170	<10	450	<6.0	<4	127	1080
MAPLE SHADE WD 8	80-07-15	150	13	350	9.0	26	73	--
MOORESTOWN TWP WD 6	80-07-11	130	<10	480	<6.0	<4	73	680
MOORESTOWN FIELD CLUB 1	80-06-27	210	<10	130	<6.0	17	59	400
CAMPBELL SOUP 3	80-06-26	57	<10	290	<6.0	11	57	--
MOORESTOWN TWP WD 8	80-07-11	85	<10	410	<6.0	9	106	700
MT HOLLY WC 3	80-10-23	26	12	470	<6.0	<4	110	830
MT HOLLY WC 6	80-10-23	55	19	870	<6.0	<4	104	1130
MOUNT HOLLY WC7	80-08-05	60	<10	920	<6.0	<4	124	1125
FELLOWSHIP MOTOR LODGE	80-08-20	94	<10	820	<6.0	38	137	125
MT LAUREL MUA2	80-08-28	140	<10	1100	<6.0	<4	116	120
NJ TURNPIKE AUTH-MAINT 2	80-09-08	39	<10	460	<6.0	50	137	500
NJ TURNPIKE AUTH 4N-1	80-09-08	21	<10	530	<6.0	31	155	250
MT LAUREL MUA 3	80-08-28	110	<10	970	<6.0	<4	104	1150
RIVERSIDE PUB SCHOOL 1	80-06-17	46	<10	77	<6.0	24	92	200
HELIS STOCK FARM 3	80-10-22	1	23	330	<6.0	<4	89	65
INTSTATE STOR+PIPELN CO	80-06-19	230	<10	2400	<6.0	40	140	12
NJ DOT-RT295 REST AREA 1	80-07-17	150	<10	350	<6.0	7	116	7
HANOVER TRLS COMMISSARY	80-06-26	66	<10	760	<6.0	69	214	36
RANCOCAS COUNTRY CLUB 1	80-06-17	99	<10	780	6.0	6	127	200
WILLINGBORO MUA 4	80-06-18	41	<10	150	<6.0	15	62	--
WILLINGBORO MUA 7	80-06-18	89	<10	89	8.0	8	45	--
WILLINGBORO MUA 1	80-06-18	12	<10	120	<6.0	41	129	--
WILLINGBORO MUA 5	80-06-18	33	<10	64	<6.0	40	82	--
PEP BOYS 1	80-06-16	3	27	93	<6.0	10	193	3
MAPLE SHADE WD 2	80-07-15	160	<10	310	7.0	43	100	250
INTERSTATE WASTE-MON 8	80-10-23	85	<10	780	<6.0	13	525	5
BURLINGTON COUNTY CLUB 1	80-08-06	25	<10	380	<6.0	6	106	143
MAPLE SHADE WD 11	80-07-15	120	11	450	11	14	72	400
M LISEHORA-GARAGE WELL	80-09-25	43	<10	720	<6.0	40	250	23
HOLIDAY LK ICE CREAM STD	80-08-29	70	<10	36	7.0	18	85	8
BEST WESTERN MOTEL #2	80-08-05	<1	<10	1	<6.0	<4	121	6
PYROPTICS 1	80-06-11	190	<10	52	<6.0	5	96	7
WASTE RESOURCE OBS 6	80-12-02	250	<10	190	<6.0	8	287	--
WASTE RESOURCE OBS 5	80-12-02	1700	20	79	<6.0	62	188	20
C R ENGLAND CO	80-06-06	2	<10	54	<6.0	66	130	5

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

WELL NUMBER	LOCAL IDENTIFIER	DATE OF SAMPLE	TEMPERATURE, WATER (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH FIELD (UNITS)	CARBON DIOXIDE DISSOLVED (MG/L AS CO2)	ALKALINITY (MG/L AS CACO3)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS P)	CARBON, ORGANIC DISSOLVED (MG/L AS C)
				CAMDEN						
7- 8	BELLMAWR BORO WD 4	80-07-02	14.0	189	7.3	6.9	71	.01	.020	2.3
7- 12	BELLMAWR BORO WD 3	80-07-02	14.5	208	7.2	9.4	76	.01	.010	.9
7- 13	BELLMAWR BORO WD 1	80-07-02	13.5	243	7.2	13	104	.08	.050	.1
7- 30	SJ PORT COMM NY SHIP 5A	80-11-03	16.0	379	6.8	60	193	.01	.000	2.8
7- 39	CAMDEN CITY WD-CITY 7N	80-07-30	16.0	288	6.1	142	92	.04	.010	2.4
7- 46	CAMDEN CITY WD-CITY 11	80-07-30	16.0	478	6.0	147	75	15	.020	1.6
7- 61	CAMDEN CITY WD-CITY 4	80-07-30	16.0	845	6.2	180	146	.72	.030	1.6
7- 64	CAMDEN CITY WD-CITY 17	80-07-30	14.5	271	5.7	102	26	1.7	.070	.8
7- 68	CAMDEN CITY WD-CITY 13	80-07-30	14.5	557	5.8	254	82	.86	.010	1.8
7- 78	CAMDEN CITY WD-CITY 5N	80-07-31	16.0	394	5.9	161	66	.95	.000	1.2
7- 94	CAMDEN CITY WD-CITY 16	80-07-31	16.0	1150	6.7	138	354	.23	.000	10
7- 98	NEW JERSEY WC-CAMDEN 52	80-08-21	14.5	432	5.7	249	64	5.4	.000	1.4
7- 110	NEW JERSEY WC-CAMDEN 49	80-08-21	15.0	624	6.7	115	296	.03	--	2.6
7- 122	NEW JERSEY WC-BROWN 44	80-08-21	17.5	189	7.6	3.5	72	.04	.000	.9
7- 133	NEW JERSEY WC-OLD ORCH36	80-08-21	15.5	252	7.8	3.0	98	.00	--	.8
7- 134	NEW JERSEY WC-OLD ORCH37	80-08-21	16.5	240	7.4	6.8	88	.00	.000	.6
7- 147	NEW JERSEY WC-KINGSTN 25	80-08-21	15.0	215	6.9	18	71	.01	.000	.6
7- 148	NEW JERSEY WC-KINGSTN 28	80-08-21	14.5	232	7.0	14	74	.01	.000	1.0
7- 149	NJ DEPT DEF-NAT GUARD 1	80-08-20	16.5	259	6.8	39	125	.00	.140	.8
7- 160	RCA-CHERRY HILL 1	80-07-09	14.5	241	6.8	32	103	.04	.460	1.5
7- 171	COLLINGSWOOD BORO WD 7	80-07-07	14.0	258	6.6	42	86	.01	.000	3.4
7- 176	COLLINGSWOOD BORO WD 2	80-07-07	14.0	201	6.4	51	65	.05	.020	.5
7- 193	CRESCENT TRAILER PK 1	80-07-07	15.0	490	6.3	78	80	.06	.010	4.4
7- 194	NJ ZINC CO 4-DEEP	80-07-03	14.5	480	6.4	74	95	.04	.000	2.8
7- 195	NJ ZINC CO 5-DEEP	80-07-03	14.0	605	6.5	113	183	.03	.000	1.4
7- 210	GLOUCESTER CITY WD 42	80-07-07	15.0	250	6.2	50	41	.09	.040	11
7- 221	GLOU CITY CG BASE-USGS 1	80-07-23	15.5	403	6.8	58	189	.03	.020	2.9
7- 249	GARDEN ST WC-BLACKWOOD 3	80-08-25	16.5	197	8.0	1.7	86	.01	.070	2.7
7- 252	GARDEN ST WC-BLACKWOOD 6	80-08-25	18.0	197	8.0	1.7	86	.01	.060	2.8
7- 273	NEW JERSEY WC-OTTERBK 29	80-08-22	17.5	173	7.6	3.4	69	.00	.070	.6
7- 274	NEW JERSEY WC-OTTERBK 39	80-08-22	15.5	168	7.8	2.2	72	.00	--	.8
7- 278	NEW JERSEY WC-HADDON 15	80-08-22	16.0	192	7.4	5.4	70	.02	.010	1.3
7- 279	NEW JERSEY WC-HADDON 30	80-08-22	14.5	221	7.4	6.4	82	.01	.000	.7
7- 290	HADDON TWP WD 1	80-07-03	13.5	207	6.5	45	73	.01	.000	.0
7- 293	HADDON TWP HIGH SCH 1	80-07-03	14.5	172	6.6	37	75	.01	.140	1.0
7- 299	HADDONFLD BORO WD-LAYN 2	80-07-09	14.0	233	6.9	21	84	.01	.010	.1
7- 302	HADDONFLD BORO WD-RULON	80-07-09	16.0	223	7.0	16	82	.02	.000	3.6
7- 304	HADDONFLD BORO LAKE ST	80-07-09	14.5	201	6.6	36	73	.02	.000	.6
7- 315	NEW JERSEY WC-MAGNOLIA16	80-08-22	16.0	185	7.6	3.5	71	.01	.030	1.2
7- 316	NEW JERSEY WC-MAGNOLIA33	80-08-22	15.5	202	7.8	2.4	78	.00	.040	.5
7- 322	NEW JERSEY WC-OAKLYN OBS	80-08-22	15.5	221	6.8	31	100	.01	.510	.7
7- 323	STEVENS AND STEVENS 1	80-07-01	17.0	413	4.5	.0	0	4.8	.000	2.4
7- 329	MERCH-PENN WCOM-BROWN 2A	80-07-10	14.0	116	4.8	104	3	3.2	.020	4.2
7- 335	MERCH-PENN WCOM-MARION 1	80-07-10	13.5	92	5.6	28	6	2.9	.010	5.1
7- 339	PREDCO PREC PANELS	80-09-05	16.0	271	7.0	21	110	.01	.000	.9
7- 341	MERCH-PENN WCOM-DEL GN 2	80-07-10	14.5	270	6.5	64	104	.05	.000	1.6
7- 350	MERCH-PENN WCOM-PARK 2	80-07-10	13.5	158	5.3	56	6	3.0	.030	3.2
7- 354	PETTY ISLAND OBS	80-11-19	14.5	542	6.9	73	299	.04	.000	6.6
7- 367	CAMDEN CITY WD-PUCHACK 3	80-07-21	16.0	240	6.3	31	32	1.5	.020	1.2
7- 368	CAMDEN CITY WD-DELAIR 1	80-07-22	15.5	278	6.2	96	78	.05	.010	1.6
7- 372	MERCH-PENN WCOM-NAT HY 1	80-07-10	13.5	101	4.8	101	3	2.8	.000	5.6
7- 373	CAMDEN CITY WD-MORRIS 6	80-07-22	14.5	268	5.9	161	66	.05	.000	1.6
7- 379	CAMDEN CITY WD MORRIS 10	80-07-21	14.5	456	6.6	69	140	.07	.000	1.6
7- 517	BROOKLAWN BORO WD 4-67	80-10-10	15.0	624	6.8	73	236	.02	.000	11
7- 535	CAMDEN CITY WD TW1 79	80-07-28	17.0	212	6.7	22	56	.00	.010	1.8
7- 541	CAMDEN CITY WD TW8 79	80-07-28	14.5	407	5.8	183	59	.00	.000	1.1
7- 553	GLOU CITY CG BASE-USGS 2	80-07-23	14.5	228	6.6	29	60	.00	.010	3.2
7- 554	GLOU CITY CG BASE-USGS 3	80-07-23	22.5	303	6.0	80	41	1.5	.000	2.1
7- 555	PENLER ANODIZING CO 1	80-07-01	13.5	77	4.9	40	2	1.2	.000	1.9
7- 559	MEADOWBROOK SWIM CLUB	80-07-01	13.0	100	4.7	64	2	2.0	.000	1.1
7- 560	MERCH-PENN WCOM-WDBINE 2	80-07-10	13.0	88	5.1	61	4	3.1	.010	.4
7- 562	NJDEP-HARRISON AVE 2	80-08-07	20.0	4200	6.7	616	1580	.04	.000	108
7- 563	NJDEP-HARRISON AVE 3	80-08-08	19.0	625	6.6	156	318	.02	.000	5.6
7- 566	NJDEP-HARRISON AVE 6	80-08-07	15.5	691	6.4	122	157	1.6	.000	5.1
7- 567	NJDEP-HARRISON AVE 7	80-08-07	16.0	612	6.8	94	305	.03	.000	4.3
7- 568	PENNSAUKN LANDFILL MON 1	80-10-29	15.0	442	5.6	245	50	.71	.010	2.8
7- 571	PENNSAUKN LANDFILL MON 4	80-10-29	16.0	169	4.7	.0	0	1.6	.000	.7

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENT-I-FIER	DATE OF SAMPLE	HARD-NESS (MG/L AS CACO3)	HARD-NESS, NONCAR-BONATE (MG/L CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SULFATE DIS-SOLVED (MG/L AS SO4)	BICAR-BONATE (MG/L AS HCO3)
					CAMDEN					
BELLMAWR BORO WD 4	80-07-02	56	0	16	3.7	12	6.9	2.7	20	86
BELLMAWR BORO WD 3	80-07-02	56	0	16	3.6	17	8.0	5.9	18	93
BELLMAWR BORO WD 1	80-07-02	88	0	26	5.4	9.0	7.8	3.8	12	127
SJ PORT COMM NY SHIP 5A	80-11-03	71	0	18	6.3	13	3.3	21	1.3	235
CAMDEN CITY WD-CITY 7N	80-07-30	56	0	12	6.3	17	3.3	21	18	112
CAMDEN CITY WD-CITY 11	80-07-30	150	75	35	14	24	6.0	31	93	92
CAMDEN CITY WD-CITY 4	80-07-30	270	120	58	30	40	13	71	110	178
CAMDEN CITY WD-CITY 17	80-07-30	81	55	21	6.7	14	4.7	22	52	32
CAMDEN CITY WD-CITY 13	80-07-30	150	68	37	14	47	6.2	50	110	100
CAMDEN CITY WD-CITY 5N	80-07-31	94	28	21	9.9	29	5.6	34	60	80
CAMDEN CITY WD-CITY 16	80-07-31	280	0	46	39	67	12	91	91	432
NEW JERSEY WC-CAMDEN 52	80-08-21	110	46	24	11	33	4.4	39	56	78
NEW JERSEY WC-CAMDEN 49	80-08-21	170	0	41	17	13	4.6	15	.0	361
NEW JERSEY WC-BROWN 44	80-08-21	68	0	20	4.0	7.8	7.6	3.3	18	88
NEW JERSEY WC-OLD ORCH36	80-08-21	110	12	33	7.3	4.1	8.5	.8	35	119
NEW JERSEY WC-OLD ORCH37	80-08-21	100	12	30	5.9	3.4	8.6	1.6	31	107
NEW JERSEY WC-KINGSTN 25	80-08-21	88	17	26	5.2	2.7	6.4	1.5	33	87
NEW JERSEY WC-KINGSTN 28	80-08-21	97	23	29	5.7	2.9	6.4	1.1	39	90
NJ DEPT DEF-NAT GUARD 1	80-08-20	120	0	35	6.5	3.3	5.0	3.8	9.0	153
RCA-CHERRY HILL 1	80-07-09	100	0	29	6.7	2.3	4.8	5.0	12	126
COLLINGSWOOD BORO WD 7	80-07-07	96	10	28	6.1	5.9	6.9	7.0	30	104
COLLINGSWOOD BORO WD 2	80-07-07	76	11	22	5.0	3.3	4.4	5.3	27	79
CRESCENT TRAILER PK 1	80-07-07	180	100	53	10	15	6.4	18	140	97
NJ ZINC CO 4-DEEP	80-07-03	130	35	36	9.7	17	9.5	24	110	116
NJ ZINC CO 5-DEEP	80-07-03	180	0	49	12	26	11	30	79	224
GLOUCESTER CITY WD 42	80-07-07	56	15	16	3.6	16	5.8	21	39	50
GLOU CITY CG BASE-USGS 1	80-07-23	140	0	38	10	15	6.6	16	2.5	230
GARDEN ST WC-BLACKWOOD 3	80-08-25	47	0	13	3.3	21	6.6	1.6	14	105
GARDEN ST WC-BLACKWOOD 6	80-08-25	51	0	14	3.8	19	6.9	1.3	15	105
NEW JERSEY WC-OTTERBK 29	80-08-22	42	0	12	2.7	20	6.2	8.1	12	84
NEW JERSEY WC-OTTERBK 39	80-08-22	58	0	17	3.5	11	6.4	1.4	15	88
NEW JERSEY WC-HADDON 15	80-08-22	65	0	19	3.9	9.5	7.4	3.8	21	85
NEW JERSEY WC-HADDON 30	80-08-22	91	9	27	5.4	5.1	8.0	1.2	27	100
HADDON TWP WD 1	80-07-03	72	0	21	4.4	3.7	6.6	2.3	29	89
HADDON TWP HIGH SCH 1	80-07-03	66	0	20	3.8	2.5	5.0	23	110	91
HADDONFLD BORO WD-LAYN 2	80-07-09	91	7	27	5.5	3.9	7.5	1.0	29	103
HADDONFLD BORO WD-RULON	80-07-09	72	0	21	4.5	9.0	8.0	3.6	22	100
HADDONFLD BORO LAKE ST	80-07-09	81	8	24	4.9	2.5	6.5	1.2	29	89
NEW JERSEY WC-MAGNOLIA16	80-08-22	65	0	19	4.0	8.8	7.8	2.9	21	86
NEW JERSEY WC-MAGNOLIA33	80-08-22	76	0	22	4.8	6.9	7.4	1.3	21	95
NEW JERSEY WC-OAKLYN OBS	80-08-22	88	0	26	5.3	2.5	4.6	5.4	6.8	122
STEVENS AND STEVENS 1	80-07-01	92	92	21	9.6	39	5.9	52	68	0
MERCH-PENN WCOM-BROWN 2A	80-07-10	20	17	4.4	2.1	7.6	1.8	12	8.3	4
MERCH-PENN WCOM-MARION 1	80-07-10	23	17	4.9	2.5	4.6	1.9	9.2	7.5	7
PREDCO PREC PANELS	80-09-05	74	0	17	7.6	11	2.1	14	2.3	134
MERCH-PENN WCOM-DEL GN 2	80-07-10	88	0	22	7.9	9.7	2.8	14	8.4	126
MERCH-PENN WCOM-PARK 2	80-07-10	31	25	7.6	2.9	12	2.1	23	10	7
PETTY ISLAND OBS	80-11-19	130	0	32	13	12	5.6	16	.8	364
CAMDEN CITY WD-PUCHACK 3	80-07-21	59	27	13	6.4	15	3.1	23	28	39
CAMDEN CITY WD-DELAIR 1	80-07-22	73	0	18	6.7	15	2.5	21	26	95
MERCH-PENN WCOM-NAT HY 1	80-07-10	22	19	4.8	2.4	6.2	1.7	10	11	4
CAMDEN CITY WD-MORRIS 6	80-07-22	69	3	16	7.0	16	4.9	23	30	80
CAMDEN CITY WD MORRIS 10	80-07-21	83	0	20	7.9	27	19	51	5.3	171
BROOKLAWN BORO WD 4-67	80-10-10	240	4	69	16	27	12	26	92	288
CAMDEN CITY WD TW1 79	80-07-28	62	6	16	5.3	10	2.2	16	24	68
CAMDEN CITY WD TW8 79	80-07-28	110	51	28	9.9	28	4.7	37	75	72
GLOU CITY CG BASE-USGS 2	80-07-23	59	0	15	5.2	12	2.5	17	19	73
GLOU CITY CG BASE-USGS 3	80-07-23	79	38	21	6.3	20	3.1	28	52	50
PENLER ANODIZING CO 1	80-07-01	18	16	3.7	2.2	3.0	2.1	6.4	11	2
MEADOWBROOK SWIM CLUB	80-07-01	28	26	3.6	4.7	1.8	1.7	3.0	24	2
MERCH-PENN WCOM-WDBINE 2	80-07-10	19	15	4.1	2.1	5.1	1.9	8.9	7.5	4
NJDEP-HARRISON AVE 2	80-08-07	570	0	62	100	670	100	500	15	1930
NJDEP-HARRISON AVE 3	80-08-08	130	0	27	15	22	3.8	58	17	388
NJDEP-HARRISON AVE 6	80-08-07	270	110	67	25	27	3.5	14	170	192
NJDEP-HARRISON AVE 7	80-08-07	170	0	41	16	15	3.3	15	3.5	372
PENNSAUKN LANDFILL MON 1	80-10-29	120	70	28	12	29	16	65	71	61
PENNSAUKN LANDFILL MON 4	80-10-29	51	51	8.8	7.1	7.5	3.9	16	42	0

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENT-I-FIER	DATE OF SAMPLE	SILICA, DIS-SOLVED (MG/L AS SIO2)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
				CAMDEN						
BELLMAWR BORO WD 4	80-07-02	7.8	60	<1	<1	<3	<10	310	10	12
BELLMAWR BORO WD 3	80-07-02	8.8	50	<1	<1	<3	<10	380	<10	7
BELLMAWR BORO WD 1	80-07-02	8.9	150	<1	<1	<3	<10	650	<10	13
SJ PORT COMM NY SHIP 5A	80-11-03	6.6	30	<1	10	160	<10	49000	19	<4
CAMDEN CITY WD-CITY 7N	80-07-30	1.7	20	<1	1	17	<10	13000	<10	<4
CAMDEN CITY WD-CITY 11	80-07-30	1.4	30	<1	2	5	<10	15	<10	<4
CAMDEN CITY WD-CITY 4	80-07-30	4.6	40	<1	1	<3	<10	15	<10	6
CAMDEN CITY WD-CITY 17	80-07-30	12	60	<1	<1	11	13	1800	<10	18
CAMDEN CITY WD-CITY 13	80-07-30	11	90	<1	<1	13	15	1100	<10	17
CAMDEN CITY WD-CITY 5N	80-07-31	11	40	3	2	30	15	2700	<10	8
CAMDEN CITY WD-CITY 16	80-07-31	5.0	200	3	4	170	<10	18000	<10	10
NEW JERSEY WC-CAMDEN 52	80-08-21	11	100	3	2	38	<10	650	19	19
NEW JERSEY WC-CAMDEN 49	80-08-21	6.5	190	4	10	28	<10	33000	22	6
NEW JERSEY WC-BROWN 44	80-08-21	9.3	50	5	2	<3	<10	740	17	<4
NEW JERSEY WC-OLD ORCH36	80-08-21	8.3	160	4	<1	<3	<10	420	14	<4
NEW JERSEY WC-OLD ORCH37	80-08-21	8.7	130	3	1	<3	<10	1000	13	<4
NEW JERSEY WC-KINGSTN 25	80-08-21	9.1	110	4	3	<3	<10	2900	16	7
NEW JERSEY WC-KINGSTN 28	80-08-21	9.4	120	4	2	<3	<10	3500	13	8
NJ DEPT DEF-NAT GUARD 1	80-08-20	9.1	90	2	4	<3	<10	3000	11	19
RCA-CHERRY HILL 1	80-07-09	20	60	<1	<1	4	<10	3800	<10	68
COLLINGSWOOD BORO WD 7	80-07-07	9.7	70	<1	<1	6	<10	2700	<10	11
COLLINGSWOOD BORO WD 2	80-07-07	11	30	<1	<1	8	<10	3000	11	7
CRESCENT TRAILER PK 1	80-07-07	19	220	<1	<1	14	<10	12000	10	27
NJ ZINC CO 4-DEEP	80-07-03	12	100	<1	2	45	<10	21000	<10	13
NJ ZINC CO 5-DEEP	80-07-03	11	140	<1	3	37	<10	17000	<10	11
GLOUCESTER CITY WD 42	80-07-07	10	80	<1	<1	7	<10	4100	<10	11
GLOU CITY CG BASE-USGS 1	80-07-23	7.2	150	<1	4	<3	<10	12000	14	7
GARDEN ST WC-BLACKWOOD 3	80-08-25	8.8	90	4	<1	<3	<10	160	<10	<4
GARDEN ST WC-BLACKWOOD 6	80-08-25	8.9	100	2	<1	<3	<10	180	20	<4
NEW JERSEY WC-OTTERBK 29	80-08-22	9.4	30	4	1	<3	<10	420	<10	<4
NEW JERSEY WC-OTTERBK 39	80-08-22	8.8	80	3	<1	<3	<10	280	11	<4
NEW JERSEY WC-HADDON 15	80-08-22	9.0	50	5	<1	<3	<10	750	10	<4
NEW JERSEY WC-HADDON 30	80-08-22	8.7	110	4	<1	<3	<10	640	14	<4
HADDON TWP WD 1	80-07-03	9.0	70	<1	<1	10	<10	4500	19	9
HADDON TWP HIGH SCH 1	80-07-03	8.8	80	<1	<1	4	<10	2700	<10	12
HADDONFLD BORO WD-LAYN 2	80-07-09	8.5	110	<1	<1	<3	<10	1500	<10	6
HADDONFLD BORO WD-RULON	80-07-09	9.3	50	<1	<1	<3	<10	1500	<10	<4
HADDONFLD BORO LAKE ST	80-07-09	8.4	120	<1	<1	6	<10	3900	<10	9
NEW JERSEY WC-MAGNOLIA16	80-08-22	8.6	60	5	2	<3	<10	400	<10	<4
NEW JERSEY WC-MAGNOLIA33	80-08-22	8.6	110	<1	2	<3	<10	230	15	<4
NEW JERSEY WC-OAKLYN OBS	80-08-22	20	140	3	5	<3	<10	9100	11	41
STEVENS AND STEVENS 1	80-07-01	7.9	90	<1	1	25	140	170	<10	10
MERCH-PENN WCOM-BROWN 2A	80-07-10	15	70	2	<1	6	11	120	<10	28
MERCH-PENN WCOM-MARION 1	80-07-10	12	70	<1	2	7	15	25	<10	17
PREDCO PREC PANELS	80-09-05	4.2	70	<1	22	22	<10	2600	<10	<4
MERCH-PENN WCOM-DEL GN 2	80-07-10	5.1	70	<1	<1	27	<10	350	<10	<4
MERCH-PENN WCOM-PARK 2	80-07-10	13	40	<1	<1	<3	17	19	<10	20
PETTY ISLAND OBS	80-11-19	21	270	<1	8	<3	<10	25000	<10	<4
CAMDEN CITY WD-PUCHACK 3	80-07-21	6.5	60	3	<1	60	20	49	<10	8
CAMDEN CITY WD-DELAIR 1	80-07-22	6.3	80	1	2	170	<10	7400	<10	6
MERCH-PENN WCOM-NAT HY 1	80-07-10	8.5	50	<1	<1	<3	33	17	<10	10
CAMDEN CITY WD-MORRIS 6	80-07-22	6.3	110	1	<1	170	<10	5600	<10	6
CAMDEN CITY WD MORRIS 10	80-07-21	7.5	60	<1	7	<3	<10	25000	<10	<4
BROOKLAWN BORO WD 4-67	80-10-10	13	180	5	5	<3	<10	7200	<10	10
CAMDEN CITY WD TW1 79	80-07-28	6.8	30	<1	2	17	<10	6600	<10	<4
CAMDEN CITY WD TW8 79	80-07-28	14	100	<1	2	15	<10	4800	<10	13
GLOU CITY CG BASE-USGS 2	80-07-23	5.1	20	<1	3	<3	<10	7200	14	<4
GLOU CITY CG BASE-USGS 3	80-07-23	2.3	50	<1	6	<3	<10	2500	<10	5
PENLER ANODIZING CO 1	80-07-01	7.7	50	2	2	5	<10	24	<10	<4
MEADOWBROOK SWIM CLUB	80-07-01	7.3	70	1	1	8	33	74	<10	<4
MERCH-PENN WCOM-WDBINE 2	80-07-10	13	80	<1	<1	<3	<10	36	<10	13
NJDEP-HARRISON AVE 2	80-08-07	9.1	360	<1	8	13	<10	21000	15	5
NJDEP-HARRISON AVE 3	80-08-08	17	230	3	13	<3	<10	51000	19	7
NJDEP-HARRISON AVE 6	80-08-07	7.0	50	3	3	<3	<10	53	<10	<4
NJDEP-HARRISON AVE 7	80-08-07	4.2	410	4	5	240	<10	11000	12	5
PENNSAUKN LANDFILL MON 1	80-10-29	11	200	<1	3	40	13	340	15	10
PENNSAUKN LANDFILL MON 4	80-10-29	7.6	70	1	8	16	55	65	47	<4

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENT-I-FIER	DATE OF SAMPLE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	FLOW RATE, INSTAN-TANEOUS (GPM)
			CAMDEN					
BELLMAWR BORO WD 4	80-07-02	20	<10	880	<6.0	8	102	1000
BELLMAWR BORO WD 3	80-07-02	31	<10	930	<6.0	10	118	800
BELLMAWR BORO WD 1	80-07-02	16	<10	820	<6.0	10	127	500
SJ PORT COMM NY SHIP 5A	80-11-03	620	10	140	15	8	200	5
CAMDEN CITY WD-CITY 7N	80-07-30	310	<10	76	<6.0	19	111	--
CAMDEN CITY WD-CITY 11	80-07-30	390	<10	200	<6.0	38	273	800
CAMDEN CITY WD-CITY 4	80-07-30	180	<10	330	<6.0	12	483	850
CAMDEN CITY WD-CITY 17	80-07-30	140	<10	560	<6.0	23	157	825
CAMDEN CITY WD-CITY 13	80-07-30	430	<10	800	<6.0	14	340	875
CAMDEN CITY WD-CITY 5N	80-07-31	1000	<10	420	<6.0	22	225	825
CAMDEN CITY WD-CITY 16	80-07-31	7000	<10	550	<6.0	<4	566	600
NEW JERSEY WC-CAMDEN 52	80-08-21	2300	<10	320	<6.0	34	238	1400
NEW JERSEY WC-CAMDEN 49	80-08-21	8200	<10	510	<6.0	<4	285	700
NEW JERSEY WC-BROWN 44	80-08-21	50	<10	1200	<6.0	<4	106	1400
NEW JERSEY WC-OLD ORCH36	80-08-21	18	<10	850	<6.0	<4	148	750
NEW JERSEY WC-OLD ORCH37	80-08-21	54	<10	1400	<6.0	<4	134	1200
NEW JERSEY WC-KINGSTN 25	80-08-21	83	<10	1200	<6.0	<4	122	550
NEW JERSEY WC-KINGSTN 28	80-08-21	71	<10	810	<6.0	<4	133	450
NJ DEPT DEF-NAT GUARD 1	80-08-20	55	<10	630	<6.0	22	143	60
RCA-CHERRY HILL 1	80-07-09	38	<10	530	<6.0	5	135	160
COLLINGSWOOD BORO WD 7	80-07-07	85	<10	1100	<6.0	<4	147	--
COLLINGSWOOD BORO WD 2	80-07-07	140	<10	750	<6.0	<4	116	800
CRESCENT TRAILER PK 1	80-07-07	130	<10	1500	<6.0	55	316	12
NJ ZINC CO 4-DEEP	80-07-03	530	<10	1800	<6.0	<4	266	--
NJ ZINC CO 5-DEEP	80-07-03	450	15	2700	<6.0	<4	330	350
GLOUCESTER CITY WD 42	80-07-07	60	<10	880	<6.0	11	134	800
GLOU CITY CG BASE-USGS 1	80-07-23	270	<10	1800	<6.0	8	181	7
GARDEN ST WC-BLACKWOOD 3	80-08-25	8	<10	450	<6.0	4	109	500
GARDEN ST WC-BLACKWOOD 6	80-08-25	9	<10	480	<6.0	<4	109	930
NEW JERSEY WC-OTTERBK 29	80-08-22	31	<10	740	<6.0	7	105	950
NEW JERSEY WC-OTTERBK 39	80-08-22	13	<10	670	<6.0	<4	100	1400
NEW JERSEY WC-HADDON 15	80-08-22	42	<10	1100	<6.0	11	109	700
NEW JERSEY WC-HADDON 30	80-08-22	28	<10	940	<6.0	<4	128	700
HADDON TWP WD 1	80-07-03	61	<10	1000	<6.0	13	120	1125
HADDON TWP HIGH SCH 1	80-07-03	37	<10	470	<6.0	12	95	20
HADDONFLD BORO WD-LAYN 2	80-07-09	36	<10	850	<6.0	<4	129	800
HADDONFLD BORO WD-RULON	80-07-09	50	<10	1200	<6.0	8	114	550
HADDONFLD BORO LAKE ST	80-07-09	68	<10	1000	<6.0	<4	109	500
NEW JERSEY WC-MAGNOLIA16	80-08-22	29	<10	1100	<6.0	<4	107	750
NEW JERSEY WC-MAGNOLIA33	80-08-22	13	<10	690	<6.0	<4	115	900
NEW JERSEY WC-OAKLYN OBS	80-08-22	71	<10	560	<6.0	<4	122	7
STEVENS AND STEVENS 1	80-07-01	370	11	110	<6.0	87	243	6
MERCH-PENN WCOM-BROWN 2A	80-07-10	92	15	57	<6.0	31	81	500
MERCH-PENN WCOM-MARION 1	80-07-10	28	<10	60	<6.0	28	57	800
PREDCO PREC PANELS	80-09-05	4400	<10	180	<6.0	<4	116	25
MERCH-PENN WCOM-DEL GN 2	80-07-10	1200	<10	220	<6.0	11	126	500
MERCH-PENN WCOM-PARK 2	80-07-10	100	10	140	<6.0	19	102	640
PETTY ISLAND OBS	80-11-19	660	<10	240	<6.0	500	244	10
CAMDEN CITY WD-PUCHACK 3	80-07-21	1500	<10	150	<6.0	53	147	1175
CAMDEN CITY WD-DELAIR 1	80-07-22	3600	<10	130	<6.0	13	158	--
MERCH-PENN WCOM-NAT HY 1	80-07-10	39	<10	62	<6.0	57	68	700
CAMDEN CITY WD-MORRIS 6	80-07-22	4300	<10	140	<6.0	14	164	--
CAMDEN CITY WD MORRIS 10	80-07-21	5700	<10	150	<6.0	12	232	--
BROOKLAWN BORO WD 4-67	80-10-10	250	38	4400	<6.0	34	414	400
CAMDEN CITY WD TW1 79	80-07-28	1000	10	82	<6.0	8	128	6
CAMDEN CITY WD TW8 79	80-07-28	400	26	660	<6.0	33	246	8
GLOU CITY CG BASE-USGS 2	80-07-23	360	<10	120	<6.0	12	108	9
GLOU CITY CG BASE-USGS 3	80-07-23	34	<10	120	<6.0	--	194	.24
PENLER ANODIZING CO 1	80-07-01	40	<10	23	<6.0	14	54	30
MEADOWBROOK SWIM CLUB	80-07-01	42	<10	36	<6.0	77	68	--
MERCH-PENN WCOM-WDBINE 2	80-07-10	35	13	40	<6.0	6	68	800
NJDEP-HARRISON AVE 2	80-08-07	1200	<10	750	<6.0	33	2200	6
NJDEP-HARRISON AVE 3	80-08-08	600	<10	440	<6.0	<4	304	8
NJDEP-HARRISON AVE 6	80-08-07	36	<10	370	<6.0	22	508	7
NJDEP-HARRISON AVE 7	80-08-07	15000	<10	440	<6.0	<4	260	8
PENNSAUKN LANDFILL MON 1	80-10-29	5100	<10	180	<6.0	200	298	2
PENNSAUKN LANDFILL MON 4	80-10-29	470	<10	52	<6.0	140	115	2

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

WELL NUMBER	LOCAL IDENTIFIER	DATE OF SAMPLE	TEMPERATURE, WATER (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH FIELD (UNITS)	CARBON DIOXIDE DISSOLVED (MG/L AS CO2)	ALKALINITY (MG/L AS CACO3)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS P)	CARBON, ORGANIC DISSOLVED (MG/L AS C)
				CAMDEN						
7- 575	BELL SUPPLY CO 1	80-08-25	15.5	106	5.4	45	6	2.6	.000	1.1
				GLOUCESTER						
15- 8	WOODBURY CTY WD-SEWEL 2A	80-10-17	15.0	360	8.0	3.0	156	.01	.160	1.7
15- 9	DEPTFORD TWP MUA 5-1971	80-09-02	16.5	211	8.0	1.8	94	.01	.100	.9
15- 16	DEPTFORD TWP MUA 1	80-09-02	16.0	271	8.0	2.5	126	.01	.130	.8
15- 24	DEPTFORD TWP MUA 4	80-09-02	17.0	214	7.8	2.7	88	.14	.120	1.1
15- 28	E GREENWICH TWP WD 2	80-09-05	14.5	480	7.9	4.1	168	.01	.240	1.6
15- 69	GREENWICH TWP WD 3	80-09-18	13.5	121	5.2	71	6	.16	.000	1.2
15- 72	EI DUPONT REPAUNO 3	80-09-12	13.5	221	5.2	50	4	2.8	.000	.8
15- 76	HERCULES CHEM 4-1970	80-09-15	15.0	393	6.6	72	146	.51	.000	21
15- 79	EI DUPONT REPAUNO 6	80-09-12	14.0	480	5.6	68	14	18	.000	1.2
15- 81	EI DUPONT REPAUNO 5	80-09-12	20.0	365	5.7	86	22	1.2	.000	3.1
15- 94	MOBIL OIL-GREENWICH 44	80-09-17	16.0	653	5.5	137	22	1.0	.000	9.8
15- 98	MOBIL OIL-GREENWICH 45	80-09-17	14.0	2420	5.1	216	14	.05	.000	10
15- 118	MOBIL OIL-GREENWICH 47	80-09-17	15.0	490	6.1	66	43	.08	.000	.7
15- 129	SO JERSEY WS CO 1	80-10-27	15.0	922	8.2	3.3	266	.00	.220	2.4
15- 131	CLEARVIEW HIGH SCHOOL 1	80-09-18	18.0	672	8.3	2.3	238	.02	.180	1.4
15- 137	PURELAND WC 2 (3-1973)	80-09-26	14.0	206	6.2	77	62	.00	.000	.9
15- 139	PURELAND WC TEST WELL3	80-09-26	14.0	2930	7.4	13	168	.00	.000	.8
15- 143	PURELAND WC LANDTEC TW6C	80-09-30	14.5	83	5.4	32	4	5.9	.000	.4
15- 144	PURELAND WC 1-1973	80-09-26	13.0	158	5.8	43	14	.40	.000	.4
15- 146	PURELAND WC LANDTECT TW9	80-10-01	13.5	428	5.5	56	9	2.9	.000	2.6
15- 159	MONSANTO CHEM EAST 1	80-09-23	14.0	1320	6.5	48	78	.11	.340	.7
15- 166	PENNS GROVE WC-BRIDGPT 2	80-09-16	14.5	186	5.1	51	3	8.2	.000	.7
15- 167	MONSANTO CHEM 3	80-09-23	14.0	678	6.3	47	48	.01	.040	4.9
15- 189	SEWELL WC 1	80-08-04	18.0	403	7.9	4.1	168	.02	.190	1.0
15- 191	SEWELL WC 2	80-08-04	15.0	403	7.9	4.0	164	.01	.200	.9
15- 192	EDENWOOD WC 1	80-09-11	17.5	490	8.2	2.3	189	.06	.190	1.1
15- 193	MANTUA WC 2	80-08-04	15.0	403	7.8	5.1	167	.01	.290	.6
15- 194	MANTUA WC 3	80-08-04	15.5	432	7.8	4.9	160	.04	.200	.7
15- 207	NATIONAL PARK BORO WD 2	80-09-09	14.0	321	7.1	16	106	.00	.070	1.6
15- 210	PAULSBORO WD 6-73	80-09-11	15.0	261	6.0	35	18	.04	.030	.8
15- 212	PAULSBORO WD 4-51	80-09-11	15.0	146	4.8	25	1	.01	.000	.3
15- 213	PAULSBORO WD 5-57	80-09-11	16.0	235	4.5	.0	0	.01	.000	1.0
15- 220	ESSEX CHEM CO 2	80-10-08	14.0	1130	6.7	41	104	.12	.000	3.0
15- 231	MARINO, H	80-10-20	14.0	205	6.5	19	30	.04	.000	.3
15- 236	SWEDESBORO BORO WD 3	80-09-10	15.5	384	7.2	13	106	.01	.040	.0
15- 240	DEL MONTE CORP 9	80-09-10	22.0	365	7.6	5.6	114	.07	.120	.6
15- 274	WENONAH BORO WD 1	80-08-04	15.0	336	7.8	4.5	145	.01	.200	1.9
15- 276	W DEPTFORD TWP WD 4	80-08-26	14.5	379	8.1	2.3	146	.00	.130	1.1
15- 281	W DEPTFORD TWP WD 3	80-08-26	14.0	288	8.1	1.9	120	.00	.150	.7
15- 282	W DEPTFORD TWP WD 5	80-12-10	15.0	466	7.5	.7	11	.08	.210	7.4
15- 283	SHELL CHEM CO 3	80-09-24	15.0	690	7.8	4.5	145	.01	.120	5.3
15- 284	SHELL CHEM CO 4	80-09-24	14.0	384	7.4	9.2	118	.03	.090	6.4
15- 308	PENWALT CORP TW 8	80-09-18	15.0	480	7.8	4.0	130	.04	.160	1.7
15- 312	W DEPTFORD TWP WD 6	80-08-26	14.0	360	7.8	3.1	100	.00	.170	1.0
15- 317	TEXACO EAGLE PT 7	80-09-09	15.0	238	6.2	44	36	.03	.050	.8
15- 320	TEXACO EAGLE PT 1	80-09-09	15.0	344	7.2	16	130	.01	.010	1.5
15- 321	TEXACO EAGLE PT 5	80-09-09	15.0	365	7.1	26	168	.02	.010	1.6
15- 326	WESTVILLE BORO WD 5	80-09-02	14.5	510	7.1	39	254	.00	.010	2.5
15- 327	WESTVILLE BORO WD 4	80-09-02	15.5	284	7.4	9.0	116	.03	.020	1.0
15- 331	WOODBURY WD RAILROAD 5	80-12-10	14.0	326	7.3	9.9	102	.01	.600	4.6
15- 332	WOODBURY WD-PARK LOT 3	80-10-17	14.5	312	7.7	5.0	128	.00	.110	4.8
15- 334	MACCARONE, J	80-10-20	14.5	396	7.4	14	177	.05	.030	2.1
15- 337	MAUGERI, SAL	80-10-14	14.0	178	7.1	14	93	.00	.410	2.5
15- 340	CATALANO, F	80-10-20	14.0	180	7.0	18	94	.08	.270	5.4
15- 341	BUTLER, WALTER	80-10-27	14.5	224	7.5	5.4	87	.02	.120	2.7
15- 342	DEL MONTE CORP 10	80-09-10	17.5	278	7.2	16	134	.01	.010	.9
15- 345	MUSUMECI, P	80-10-27	13.5	148	6.5	28	45	.00	.060	4.3
15- 347	GREENWICH TWP WD 5	80-12-10	14.0	213	5.7	48	12	5.0	.010	3.4
15- 348	GREENWICH TWP WD 6	80-09-18	14.0	128	4.4	.0	0	1.6	.000	--
15- 349	PURELAND WC LANDTECT 2	80-10-01	14.0	461	5.3	56	6	2.6	.000	.9
15- 350	PURELAND WC LANDTECT 1	80-09-30	14.5	1500	7.3	15	156	.33	.000	.9
15- 354	ROLLINS ENVIR DP2	80-10-31	14.0	117	4.8	51	2	3.2	.000	.8
15- 355	E GREENWICH TWP WD 3	80-09-05	15.5	499	7.9	3.7	152	.03	.190	1.0
15- 366	CIANCIULLI, TIMOTHY	80-11-17	14.0	648	7.7	6.4	164	.01	.080	2.0

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENTIFIER	DATE OF SAMPLE	HARDNESS (MG/L AS CACO3)	HARDNESS, NONCARBONATE (MG/L CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	BICARBONATE (MG/L AS HCO3)
				CAMDEN						
BELL SUPPLY CO 1	80-08-25	23	17	4.9	2.7	6.0	2.0	11	12	7
				GLOUCESTER						
WOODBURY CTY WD-SEWEL 2A	80-10-17	24	0	6.9	1.6	67	5.3	28	6.7	190
DEPTFORD TWP MUA 5-1971	80-09-02	41	0	11	3.2	30	6.4	2.2	14	114
DEPTFORD TWP MUA 1	80-09-02	39	0	11	2.7	48	5.6	6.9	8.6	154
DEPTFORD TWP MUA 4	80-09-02	33	0	9.7	2.1	34	4.9	6.6	12	107
E GREENWICH TWP WD 2	80-09-05	35	0	9.3	2.8	93	5.8	48	4.4	205
GREENWICH TWP WD 3	80-09-18	22	16	3.8	3.0	7.1	1.4	13	26	7
EI DUPONT REPAUNO 3	80-09-12	47	43	9.5	5.6	18	4.3	32	35	5
HERCULES CHEM 4-1970	80-09-15	69	0	9.6	11	42	2.3	16	35	178
EI DUPONT REPAUNO 6	80-09-12	60	46	12	7.1	65	4.0	97	45	17
EI DUPONT REPAUNO 5	80-09-12	51	29	9.9	6.2	51	3.5	72	44	27
MOBIL OIL-GREENWICH 44	80-09-17	72	50	16	7.6	78	4.3	45	190	27
MOBIL OIL-GREENWICH 45	80-09-17	95	81	18	12	380	5.0	110	770	17
MOBIL OIL-GREENWICH 47	80-09-17	28	0	7.4	2.1	81	2.4	110	10	52
SO JERSEY WS CO 1	80-10-27	33	0	8.6	2.7	230	8.6	160	4.7	324
CLEARVIEW HIGH SCHOOL 1	80-09-18	26	0	6.6	2.1	160	7.6	77	3.0	290
PURELAND WC 2 (3-1973)	80-09-26	32	0	8.1	2.8	22	3.5	17	17	76
PURELAND WC TEST WELL3	80-09-26	110	0	29	8.9	660	11	810	9.6	205
PURELAND WC LANDTEC TW6C	80-09-30	22	18	4.6	2.4	3.4	1.7	7.4	.6	5
PURELAND WC 1-1973	80-09-26	7	0	1.6	.6	25	1.1	34	4.3	17
PURELAND WC LANDTECT TW9	80-10-01	73	64	15	8.5	45	5.1	81	46	11
MONSANTO CHEM EAST 1	80-09-23	60	0	14	5.9	230	5.0	360	5.0	95
PENNS GROVE WC-BRIDGPT 2	80-09-16	49	46	8.7	6.7	9.1	4.0	13	28	4
MONSANTO CHEM 3	80-09-23	39	0	9.2	3.8	93	2.7	180	1.6	59
SEWELL WC 1	80-08-04	24	0	6.1	2.0	91	5.8	26	3.1	205
SEWELL WC 2	80-08-04	24	0	6.2	2.0	89	5.8	26	3.8	200
EDENWOOD WC 1	80-09-11	30	0	7.9	2.3	96	6.4	42	5.3	230
MANTUA WC 2	80-08-04	27	0	7.1	2.2	90	5.9	31	3.9	203
MANTUA WC 3	80-08-04	30	0	7.9	2.3	91	5.9	40	3.8	195
NATIONAL PARK BORO WD 2	80-09-09	42	0	12	2.7	44	4.6	28	10	129
PAULSBORO WD 6-73	80-09-11	31	13	6.3	3.6	29	3.0	34	44	22
PAULSBORO WD 4-51	80-09-11	25	24	5.5	2.7	9.7	2.2	13	37	1
PAULSBORO WD 5-57	80-09-11	45	45	9.7	4.9	16	4.9	19	59	0
ESSEX CHEM CO 2	80-10-08	95	0	26	6.9	220	5.2	160	190	127
MARINO, H	80-10-20	33	3	11	1.2	3.2	4.2	22	29	37
SWEDESBORO BORO WD 3	80-09-10	72	0	20	5.2	46	5.8	43	22	129
DEL MONTE CORP 9	80-09-10	63	0	17	4.7	50	5.7	42	20	139
WENONAH BORO WD 1	80-08-04	30	0	7.9	2.3	73	5.6	22	5.0	177
W DEPTFORD TWP WD 4	80-08-26	36	0	10	2.5	74	5.4	12	13	178
W DEPTFORD TWP WD 3	80-08-26	45	0	13	2.8	49	5.3	27	5.3	146
W DEPTFORD TWP WD 5	80-12-10	19	8	5.4	1.2	94	2.9	79	7.0	14
SHELL CHEM CO 3	80-09-24	26	0	7.4	1.7	170	3.8	140	9.0	177
SHELL CHEM CO 4	80-09-24	78	0	21	6.0	47	6.3	26	39	144
PENWALT CORP TW 8	80-09-18	29	0	8.3	1.9	84	3.8	79	8.2	158
W DEPTFORD TWP WD 6	80-08-26	23	0	6.4	1.5	71	3.7	43	9.6	122
TEXACO EAGLE PT 7	80-09-09	36	0	9.7	2.7	24	3.9	20	40	44
TEXACO EAGLE PT 1	80-09-09	73	0	21	4.6	39	6.6	25	12	159
TEXACO EAGLE PT 5	80-09-09	110	0	31	6.6	32	8.6	15	3.5	205
WESTVILLE BORO WD 5	80-09-02	210	0	60	14	28	10	13	13	310
WESTVILLE BORO WD 4	80-09-02	85	0	24	5.7	27	7.8	9.5	16	142
WOODBURY WD RAILROAD 5	80-12-10	19	0	5.5	1.2	64	3.2	43	6.4	124
WOODBURY WD-PARK LOT 3	80-10-17	86	0	27	4.3	31	5.8	15	20	156
MACCARONE, J	80-10-20	180	3	58	7.0	17	5.8	3.4	42	216
MAUGERI, SAL	80-10-14	54	0	16	3.2	15	4.2	2.4	4.6	113
CATALANO, F	80-10-20	65	0	20	3.4	9.5	4.0	1.9	5.8	115
BUTLER, WALTER	80-10-27	58	0	16	4.3	22	5.2	6.1	24	106
DEL MONTE CORP 10	80-09-10	53	0	14	4.1	39	5.1	13	24	163
MUSUMECI, P	80-10-27	47	2	11	4.6	1.8	3.0	6.7	18	55
GREENWICH TWP WD 5	80-12-10	55	43	12	6.0	15	4.4	21	36	15
GREENWICH TWP WD 6	80-09-18	28	28	3.9	4.5	4.8	2.2	7.0	29	0
PURELAND WC LANDTECT 2	80-10-01	51	45	10	6.3	66	3.3	110	34	7
PURELAND WC LANDTECT 1	80-09-30	52	0	15	3.6	250	7.3	370	8.9	190
ROLLINS ENVIR DP2	80-10-31	24	22	5.4	2.4	8.6	2.0	14	14	2
E GREENWICH TWP WD 3	80-09-05	33	0	8.8	2.5	91	5.9	57	5.9	185
CIANCIULLI, TIMOTHY	80-11-17	73	0	20	5.3	130	8.1	130	6.4	200

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENTIFIER	DATE OF SAMPLE	SILICA, DISSOLVED (MG/L AS SIO2)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
				CAMDEN						
BELL SUPPLY CO 1	80-08-25	8.4	60	3	<1	21	300	91	22	8
				GLOUCESTER						
WOODBURY CTY WD-SEWEL 2A	80-10-17	8.5	60	<1	<1	<3	<10	260	<10	4
DEPTFORD TWP MUA 5-1971	80-09-02	10	70	<1	3	<3	<10	160	<10	<4
DEPTFORD TWP MUA 1	80-09-02	9.6	60	<1	3	<3	<10	51	<10	<4
DEPTFORD TWP MUA 4	80-09-02	9.3	40	<1	3	<3	<10	24	12	<4
E GREENWICH TWP WD 2	80-09-05	10	60	<1	<1	<3	<10	160	<10	7
GREENWICH TWP WD 3	80-09-18	14	60	1	4	5	11	4100	<10	10
EI DUPONT REPAUNO 3	80-09-12	8.0	80	<1	2	5	10	340	<10	8
HERCULES CHEM 4-1970	80-09-15	8.6	70	<1	7	<3	<10	27000	<10	7
EI DUPONT REPAUNO 6	80-09-12	8.7	90	<1	1	5	10	29	<10	6
EI DUPONT REPAUNO 5	80-09-12	6.8	80	<1	1	<3	10	780	46	5
MOBIL OIL-GREENWICH 44	80-09-17	8.0	40	2	<1	<3	<10	16000	<10	13
MOBIL OIL-GREENWICH 45	80-09-17	9.7	50	3	<1	<3	<10	42000	<10	17
MOBIL OIL-GREENWICH 47	80-09-17	9.4	40	<1	2	<3	<10	1100	<10	12
SO JERSEY WS CO 1	80-10-27	8.8	80	<1	3	<3	<10	64	14	12
CLEARVIEW HIGH SCHOOL 1	80-09-18	9.2	50	<1	2	<3	<10	56	<10	7
PURELAND WC 2 (3-1973)	80-09-26	13	90	<1	2	9	<10	8700	<10	12
PURELAND WC TEST WELL3	80-09-26	9.0	200	<1	2	6	<10	4600	<10	21
PURELAND WC LANDTEC TW6C	80-09-30	8.6	60	2	<1	3	<10	48	<10	16
PURELAND WC 1-1973	80-09-26	8.8	40	3	<1	5	<10	2400	<10	18
PURELAND WC LANDTECT TW9	80-10-01	8.9	70	<1	<1	23	<10	2400	<10	14
MONSANTO CHEM EAST 1	80-09-23	18	90	<1	7	<3	<10	26	<10	12
PENNS GROVE WC-BRIDGPT 2	80-09-16	8.7	80	<1	3	3	<10	19	<10	7
MONSANTO CHEM 3	80-09-23	25	80	<1	5	<3	<10	19	<10	16
SEWELL WC 1	80-08-04	8.9	50	<1	2	<3	24	13	<10	5
SEWELL WC 2	80-08-04	8.8	50	<1	3	<3	<10	71	<10	5
EDENWOOD WC 1	80-09-11	9.2	60	<1	2	<3	16	5	<10	7
MANTUA WC 2	80-08-04	8.6	60	<1	<1	<3	<10	82	<10	5
MANTUA WC 3	80-08-04	8.5	70	1	1	<3	<10	59	<10	5
NATIONAL PARK BORO WD 2	80-09-09	13	40	<1	5	<3	<10	1700	14	6
PAULSBORO WD 6-73	80-09-11	10	60	<1	3	<3	<10	8	<10	13
PAULSBORO WD 4-51	80-09-11	9.5	70	1	1	10	10	3	<10	17
PAULSBORO WD 5-57	80-09-11	6.5	60	1	2	18	10	3	<10	11
ESSEX CHEM CO 2	80-10-08	13	90	<1	6	7	10	12000	10	22
MARINO, H	80-10-20	30	70	<1	5	150	<10	34000	<10	6
SWEDESBORO BORO WD 3	80-09-10	11	140	<1	2	<3	<10	2800	<10	9
DEL MONTE CORP 9	80-09-10	9.8	80	<1	<1	<3	<10	650	<10	10
WENONAH BORO WD 1	80-08-04	8.7	70	<1	3	<3	<10	65	<10	4
W DEPTFORD TWP WD 4	80-08-26	9.9	60	<1	3	<3	<10	140	<10	6
W DEPTFORD TWP WD 3	80-08-26	10	70	<1	3	<3	<10	200	<10	5
W DEPTFORD TWP WD 5	80-12-10	9.1	20	<1	2	<3	<10	220	<10	<4
SHELL CHEM CO 3	80-09-24	9.4	30	<1	<1	<3	<10	320	<10	6
SHELL CHEM CO 4	80-09-24	14	120	2	<1	<3	<10	1200	<10	16
PENWALT CORP TW 8	80-09-18	8.5	40	<1	1	<3	<10	700	<10	5
W DEPTFORD TWP WD 6	80-08-26	10	30	1	4	<3	<10	270	<10	4
TEXACO EAGLE PT 7	80-09-09	12	80	<1	6	<3	<10	4700	17	10
TEXACO EAGLE PT 1	80-09-09	11	70	<1	5	<3	<10	1900	16	6
TEXACO EAGLE PT 5	80-09-09	12	90	<1	5	<3	<10	2800	18	8
WESTVILLE BORO WD 5	80-09-02	12	170	<1	4	<3	<10	2400	<10	12
WESTVILLE BORO WD 4	80-09-02	11	50	<1	4	<3	<10	800	<10	4
WOODBURY WD RAILROAD 5	80-12-10	9.1	20	<1	<1	<3	<10	26	<10	<4
WOODBURY WD-PARK LOT 3	80-10-17	8.5	100	<1	<1	<3	<10	300	<10	4
MACCARONE, J	80-10-20	8.9	120	<1	<1	10	<10	2000	<10	<4
MAUGERI, SAL	80-10-14	12	70	<1	4	<3	<10	2600	<10	7
CATALANO, F	80-10-20	11	80	<1	<1	11	<10	2700	<10	7
BUTLER, WALTER	80-10-27	9.7	110	<1	3	<3	<10	530	13	5
DEL MONTE CORP 10	80-09-10	10	90	<1	2	<3	<10	47	<10	9
MUSUMECI, P	80-10-27	24	60	<1	6	11	<10	11000	17	45
GREENWICH TWP WD 5	80-12-10	7.7	80	<1	<1	5	<10	440	<10	6
GREENWICH TWP WD 6	80-09-18	12	40	<1	<1	25	17	19	<10	11
PURELAND WC LANDTECT 2	80-10-01	15	170	<1	<1	30	<10	1800	<10	33
PURELAND WC LANDTECT 1	80-09-30	.0	<2	2	<1	<3	<10	<3	<10	<4
ROLLINS ENVIR DP2	80-10-31	11	90	<1	<1	7	17	18	25	23
E GREENWICH TWP WD 3	80-09-05	9.4	60	<1	2	<3	<10	270	<10	5
CIANCIULLI, TIMOTHY	80-11-17	9.4	140	<1	1	<3	<10	570	<10	12

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENT-I-FIER	DATE OF SAMPLE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	FLOW RATE, INSTAN-TANEOUS (GPM)
			CAMDEN					
BELL SUPPLY CO 1	80-08-25	37	<10	61	<6.0	1000	52	120
			GLOUCESTER					
WOODBURY CTY WD-SEWEL 2A	80-10-17	6	12	220	<6.0	<4	231	950
DEPTFORD TWP MUA 5-1971	80-09-02	7	<10	370	<6.0	<4	140	500
DEPTFORD TWP MUA 1	80-09-02	6	<10	370	<6.0	<4	173	850
DEPTFORD TWP MUA 4	80-09-02	9	<10	480	6.0	7	140	600
E GREENWICH TWP WD 2	80-09-05	6	<10	390	<6.0	<4	280	750
GREENWICH TWP WD 3	80-09-18	290	<10	76	<6.0	140	63	800
EI DUPONT REPAUNO 3	80-09-12	140	<10	130	<6.0	52	140	100
HERCULES CHEM 4-1970	80-09-15	350	<10	130	<6.0	13	190	150
EI DUPONT REPAUNO 6	80-09-12	180	<10	220	<6.0	29	280	300
EI DUPONT REPAUNO 5	80-09-12	220	<10	160	<6.0	20	220	250
MOBIL OIL-GREENWICH 44	80-09-17	1000	<10	350	<6.0	89	435	--
MOBIL OIL-GREENWICH 45	80-09-17	2300	<10	460	20	170	1380	--
MOBIL OIL-GREENWICH 47	80-09-17	45	<10	450	<6.0	<4	270	450
SO JERSEY WS CO 1	80-10-27	2	<10	370	<6.0	<4	578	280
CLEARVIEW HIGH SCHOOL 1	80-09-18	3	<10	300	<6.0	<4	393	--
PURELAND WC 2 (3-1973)	80-09-26	63	<10	320	<6.0	15	118	700
PURELAND WC TEST WELL3	80-09-26	39	<10	2200	<6.0	11	1510	9
PURELAND WC LANDTEC TW6C	80-09-30	21	<10	76	<6.0	26	68	9
PURELAND WC 1-1973	80-09-26	26	<10	60	<6.0	19	87	--
PURELAND WC LANDTECT TW9	80-10-01	500	<10	160	<6.0	61	238	9
MONSANTO CHEM EAST 1	80-09-23	570	<10	570	<6.0	<4	702	800
PENNS GROVE WC-BRIDGPT 2	80-09-16	30	<10	71	<6.0	34	128	95
MONSANTO CHEM 3	80-09-23	390	<10	400	<6.0	<4	401	300
SEWELL WC 1	80-08-04	4	<10	230	<6.0	8	238	200
SEWELL WC 2	80-08-04	4	<10	230	<6.0	5	236	240
EDENWOOD WC 1	80-09-11	3	<10	300	<6.0	<4	286	400
MANTUA WC 2	80-08-04	4	<10	260	<6.0	10	243	250
MANTUA WC 3	80-08-04	6	<10	310	<6.0	11	250	440
NATIONAL PARK BORO WD 2	80-09-09	43	<10	740	<6.0	8	190	750
PAULSBORO WD 6-73	80-09-11	110	<10	150	<6.0	25	137	560
PAULSBORO WD 4-51	80-09-11	49	<10	200	<6.0	140	78	550
PAULSBORO WD 5-57	80-09-11	77	<10	170	<6.0	150	125	550
ESSEX CHEM CO 2	80-10-08	130	<10	1600	<6.0	36	514	500
MARINO, H	80-10-20	110	<10	58	13	83	146	8
SWEDESBORO BORO WD 3	80-09-10	37	<10	730	<6.0	6	211	700
DEL MONTE CORP 9	80-09-10	33	<10	620	<6.0	<4	211	1200
WENONAH BORO WD 1	80-08-04	4	<10	270	<6.0	7	206	400
W DEPTFORD TWP WD 4	80-08-26	6	<10	350	<6.0	<4	185	400
W DEPTFORD TWP WD 3	80-08-26	8	<10	420	<6.0	<4	237	700
W DEPTFORD TWP WD 5	80-12-10	12	<10	330	<6.0	<4	270	600
SHELL CHEM CO 3	80-09-24	13	<10	490	<6.0	<4	402	500
SHELL CHEM CO 4	80-09-24	21	<10	850	<6.0	<4	222	550
PENWALT CORP TW 8	80-09-18	48	<10	480	<6.0	<4	268	9
W DEPTFORD TWP WD 6	80-08-26	17	<10	400	<6.0	<4	214	750
TEXACO EAGLE PT 7	80-09-09	76	<10	660	9.0	<4	146	700
TEXACO EAGLE PT 1	80-09-09	65	<10	1300	<6.0	<4	207	700
TEXACO EAGLE PT 5	80-09-09	82	<10	1800	<6.0	4	215	400
WESTVILLE BORO WD 5	80-09-02	93	<10	2900	<6.0	9	312	1400
WESTVILLE BORO WD 4	80-09-02	54	<10	1400	<6.0	8	177	850
WOODBURY WD RAILROAD 5	80-12-10	6	<10	280	<6.0	<4	203	650
WOODBURY WD-PARK LOT 3	80-10-17	11	<10	780	<6.0	<4	197	750
MACCARONE, J	80-10-20	20	<10	1400	<6.0	9	253	6
MAUGERI, SAL	80-10-14	22	<10	430	<6.0	<4	112	100
CATALANO, F	80-10-20	24	<10	440	<6.0	6	112	10
BUTLER, WALTER	80-10-27	11	<10	550	<6.0	14	150	6
DEL MONTE CORP 10	80-09-10	19	<10	560	<6.0	27	174	1300
MUSUMECI, P	80-10-27	170	<10	280	<6.0	120	117	16
GREENWICH TWP WD 5	80-12-10	100	<10	94	<6.0	62	126	750
GREENWICH TWP WD 6	80-09-18	68	<10	62	<6.0	87	60	750
PURELAND WC LANDTECT 2	80-10-01	610	<10	310	<6.0	87	264	9
PURELAND WC LANDTECT 1	80-09-30	<1	60	<1	<6.0	<4	780	10
ROLLINS ENVIR DP2	80-10-31	96	<10	210	<6.0	42	75	6
E GREENWICH TWP WD 3	80-09-05	8	<10	420	<6.0	4	283	1000
CIANCIULLI, TIMOTHY	80-11-17	15	<10	760	<6.0	<4	395	15

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

WELL NUMBER	LOCAL IDENTIFIER	DATE OF SAMPLE	TEMPERATURE, WATER (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH FIELD (UNITS)	CARBON DIOXIDE DISSOLVED (MG/L AS CO2)	ALKALINITY (MG/L AS CACO3)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS P)	CARBON, ORGANIC DISSOLVED (MG/L AS C)
				GLOUCESTER						
15- 374	DEPTFORD TWP MUA 6	80-09-02	16.0	259	8.0	2.0	103	.00	.280	.9
15- 387	ROLLINS ENVIR DP1	80-10-31	14.0	528	6.2	43	35	.04	.000	.0
15- 388	ROLLINS ENVIR DP3	80-10-31	15.0	240	5.3	40	4	4.9	.000	.5
15- 390	GLOUCESTER SEW AUTH 1	80-09-25	14.5	350	5.6	161	33	.00	.020	1.9
15- 392	NJ TPK AUTH-MAINT S-1-64	80-09-08	15.0	442	7.8	3.5	114	.03	.050	1.1
15- 395	REPAUPO FIRE CO 30-1972	80-09-24	13.5	221	5.6	326	66	.02	.110	5.3
15- 399	ALLIED ENERGY 1 1977	80-09-15	14.5	118	5.1	64	4	.07	.050	1.0
15- 409	LOGAN TWP MUA 1	80-10-09	14.0	85	6.3	18	18	.74	.160	4.9
15- 410	TEXACO EAGLE PT 4A	80-09-09	14.5	480	6.8	56	182	.02	.000	2.1
15- 417	S&S AUCTION HOUSE 1 1978	80-09-25	14.0	198	5.0	64	3	4.3	.000	1.9
				MERCER						
21- 39	STAUFFER CHEM CO 1	80-06-04	13.0	39	5.3	50	6	.02	.010	.4
21- 44	BORDENTOWN WD-WH 1	80-06-04	13.0	61	4.4	.0	0	1.3	.000	.6
21- 92	CHAMPALE INC-YARDSIDE	80-06-04	16.5	401	4.4	.0	0	9.3	.000	.5
21- 147	PUB SERV E-G-DUCK ISL 1	80-06-09	14.5	566	6.6	57	116	.06	--	6.8
				SALEM						
33- 67	EI DUPONT-COURSE LAND P1	80-10-15	16.0	350	7.7	6.0	154	.01	.490	1.8
33- 69	NJ TPKE SERV AREA 1N-1	80-09-08	15.0	168	7.0	16	82	.00	.310	.8
33- 74	OLDSMANS TWP WD 1	80-10-03	14.5	173	7.2	11	89	.02	.490	3.3
33- 76	DAWSON, H W	80-10-20	14.0	119	6.5	37	60	.07	.360	3.7
33- 80	AIRCO INDUSTRIAL GASES 1	80-10-03	13.5	45	5.6	48	10	.02	.000	.7
33- 83	BF GOODRICH CO 9	80-10-09	14.0	82	6.1	53	34	.04	.000	1.9
33- 85	BF GOODRICH CO 6	80-10-09	13.5	180	6.1	50	32	.03	.010	3.6
33- 86	BF GOODRICH CO 4	80-10-09	14.0	1230	7.1	19	123	.06	.110	5.0
33- 103	PENNS GROVE SEW AUTH 1	80-09-22	14.5	128	6.6	27	54	.00	.000	5.7
33- 106	LINSKI, ALEX 2-1962	80-10-10	15.0	1780	7.5	10	164	.04	.100	1.1
33- 108	US ARMY-FINNS PT CEM	80-10-10	15.0	537	7.4	9.0	116	.06	.240	2.7
33- 112	PENNSVILLE TWP WD 4	80-10-02	14.0	173	6.8	25	81	.00	.840	1.7
33- 117	PENNSVILLE TWP WD 3	80-10-02	14.0	156	6.6	27	56	.00	.000	.8
33- 118	PENNSVILLE TWP WD 1	80-10-02	14.5	403	7.1	17	107	.00	.400	1.4
33- 119	PENNSVILLE TWP WD 2	80-10-02	16.0	596	6.9	29	120	.01	.000	1.7
33- 122	ATL CITY EL-DEEPWATER 3R	80-09-22	14.0	403	6.9	28	114	.04	.040	6.7
33- 126	EI DUPONT-RANNEY 7	80-10-21	14.0	163	6.5	28	46	.02	.000	3.0
33- 127	ATL CITY EL-DEEPWATER 6	80-09-22	16.0	696	6.7	54	139	.00	.000	5.0
33- 137	EI DUPONT-DRINKWATER 8	80-10-15	14.0	480	7.6	6.7	136	.01	.720	3.3
33- 147	SALEM CO OFFICE BLDG 1	80-10-14	15.0	376	8.0	3.1	158	.01	.430	3.9
33- 163	RICHMAN ICE CREAM 1	80-09-16	16.0	391	8.0	3.3	170	.01	.640	5.1
33- 198	DUBOIS BROTHERS IRR 74	80-09-16	15.5	247	7.7	5.1	130	.00	.230	1.9
33- 305	EI DUPONT-COURSE LAND P3	80-10-15	15.0	255	7.4	10	132	.01	.430	2.0
33- 322	EI DUPONT-CARNEY PT 2	80-10-15	14.5	600	7.4	7.8	100	.01	.010	4.5
33- 345	PENNS GROVE WC 2B	80-09-23	13.0	178	5.1	64	4	.06	.050	2.2
33- 346	PENNS GROVE WC-LAYNE 1	80-09-23	14.5	886	7.5	8.2	134	2.2	.020	1.6
33- 354	WOODSTOWN BORO WD 2	80-10-06	17.5	912	8.1	3.2	204	.01	.620	3.9
33- 360	PENNSVILLE T WD5	80-10-02	14.0	154	6.8	22	72	.09	.160	15
33- 361	PENNS GROVE WC LAYTN1-79	80-09-23	15.0	214	5.9	44	18	.01	.000	4.3
33- 362	WOODSTOWN BORO WD 3	80-10-06	19.0	887	7.9	6.0	245	.07	.540	3.3
33- 419	NL INDUSTRIES MON 8R	80-11-21	14.0	84	6.2	39	32	.00	.010	.3
33- 420	NL INDUSTRIES MON 9R2	80-11-21	15.0	52	5.7	44	11	.01	.000	4.0
33- 421	SPARKS, MAYHEW	80-11-20	17.5	509	6.2	113	92	10	.000	5.0
				BUCKS						
BK- 563	BRISTOL BOROUGH WD 6	80-06-10	13.5	226	5.9	68	28	2.5	.020	2.2
BK- 636	KINGS FARM CO	80-06-09	13.0	275	6.0	98	50	.01	.010	2.9
BK- 638	PENNSBURY MANOR ST PARK	80-06-09	14.0	232	6.5	39	63	.76	.030	4.9
BK-1143	PENNSBY MANOR ST PK-DEEP	80-06-16	13.5	220	6.8	28	89	.01	.020	11
BK-1144	ROHM AND HAAS 3	80-06-10	16.0	456	5.7	64	16	4.4	.000	14
				PHILADELPHIA						
PH- 6	US NAVAL BASE	80-11-04	14.0	765	6.3	269	276	.01	.000	4.3
PH- 12	US NAVAL BASE	80-11-18	16.0	650	7.0	60	308	.00	.000	4.2
PH- 19	US NAVAL BASE	80-11-18	16.0	1040	6.4	247	318	.04	.000	13
PH- 20	US NAVAL BASE	80-11-18	16.0	590	6.4	185	238	.02	.000	5.7
PH- 44	GULF OIL CORP	80-11-06	26.0	648	6.1	217	140	.06	.000	4.9
PH- 64	ROOSEVELT PARK	80-11-19	14.0	566	6.7	103	264	.20	.000	7.0
PH- 86	US NAVAL HOSPITAL	80-12-03	15.5	1020	6.7	195	500	.05	.000	7.8

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENT-I-FIER	DATE OF SAMPLE	HARD-NESS (MG/L AS CACO3)	HARD-NESS, NONCAR-BONATE (MG/L CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SULFATE DIS-SOLVED (MG/L AS SO4)	BICAR-BONATE (MG/L AS HCO3)
				GLOUCESTER						
DEPTFORD TWP MUA 6	80-09-02	17	0	4.7	1.3	53	3.7	12	7.2	126
ROLLINS ENVIR DP1	80-10-31	39	4	9.6	3.4	84	3.4	150	9.4	43
ROLLINS ENVIR DP3	80-10-31	92	88	17	12	3.1	6.8	20	49	5
GLOUCESTER SEW AUTH 1	80-09-25	100	67	25	9.2	17	8.5	17	100	40
NJ TPK AUTH-MAINT S-1-64	80-09-08	69	0	19	5.1	56	7.2	64	9.4	139
REPAUPO FIRE CO 30-1972	80-09-24	41	0	6.4	6.0	4.4	3.6	11	66	81
ALLIED ENERGY 1 1977	80-09-15	25	21	5.4	2.7	7.1	2.5	29	1.9	5
LOGAN TWP MUA 1	80-10-09	15	0	2.5	2.2	2.3	1.0	4.5	7.7	22
TEXACO EAGLE PT 4A	80-09-09	130	0	36	7.9	48	8.3	29	35	222
S&S AUCTION HOUSE 1 1978	80-09-25	63	60	16	5.5	3.4	7.7	11	45	4
				MERCER						
STAUFFER CHEM CO 1	80-06-04	5	0	1.2	.4	1.8	.5	2.8	6.3	7
BORDENTOWN WD-WH 1	80-06-04	9	9	2.2	.7	2.7	.8	5.3	6.3	0
CHAMPALE INC-YARDSIDE	80-06-04	100	100	22	12	20	3.8	34	89	0
PUB SERV E-G-DUCK ISL 1	80-06-09	210	94	67	11	7.3	4.6	10	150	142
				SALEM						
EI DUPONT-COURSE LAND P1	80-10-15	7	0	1.9	.4	85	2.6	23	2.2	188
NJ TPKE SERV AREA 1N-1	80-09-08	22	0	6.3	1.5	24	4.5	3.1	1.0	100
OLDSMANS TWP WD 1	80-10-03	46	0	14	2.6	19	3.9	1.7	2.9	108
DAWSON, H W	80-10-20	20	0	5.0	1.7	2.1	1.2	4.3	2.3	73
AIRCO INDUSTRIAL GASES 1	80-10-03	6	0	1.3	.7	3.1	.8	5.2	2.2	12
BF GOODRICH CO 9	80-10-09	12	0	2.4	1.3	4.9	1.1	4.8	.3	42
BF GOODRICH CO 6	80-10-09	19	0	4.2	2.1	7.6	1.2	13	8.1	39
BF GOODRICH CO 4	80-10-09	57	0	16	3.8	280	5.1	300	6.5	150
PENNS GROVE SEW AUTH 1	80-09-22	9	0	1.9	1.0	13	1.3	8.8	.8	66
LINSKI, ALEX 2-1962	80-10-10	110	0	30	7.6	390	10	460	8.1	200
US ARMY-FINNS PT CEM	80-10-10	20	0	5.7	1.2	130	4.0	110	6.4	142
PENNSVILLE TWP WD 4	80-10-02	45	0	11	4.1	9.4	2.0	12	3.1	99
PENNSVILLE TWP WD 3	80-10-02	23	0	4.8	2.6	7.8	1.1	8.9	11	68
PENNSVILLE TWP WD 1	80-10-02	29	0	8.6	1.8	65	3.4	64	1.7	130
PENNSVILLE TWP WD 2	80-10-02	53	0	14	4.3	90	4.7	120	.1	146
ATL CITY EL-DEEPWATER 3R	80-09-22	41	0	11	3.1	61	4.1	57	4.3	139
EI DUPONT-RANNEY 7	80-10-21	22	0	5.0	2.4	6.6	.9	13	19	56
ATL CITY EL-DEEPWATER 6	80-09-22	83	0	21	7.3	81	5.1	140	.1	170
EI DUPONT-DRINKWATER 8	80-10-15	13	0	3.9	.8	120	2.5	72	8.7	166
SALEM CO OFFICE BLDG 1	80-10-14	22	0	6.1	1.7	88	4.5	27	12	193
RICHMAN ICE CREAM 1	80-09-16	8	0	2.7	.3	83	2.9	21	3.1	207
DUBOIS BROTHERS IRR 74	80-09-16	29	0	8.4	1.9	44	5.0	2.3	2.4	159
EI DUPONT-COURSE LAND P3	80-10-15	8	0	2.3	.5	58	2.9	9.9	1.1	161
EI DUPONT-CARNEY PT 2	80-10-15	89	0	29	3.7	85	11	120	15	122
PENNS GROVE WC 2B	80-09-23	58	54	9.6	8.1	9.4	2.5	13	46	5
PENNS GROVE WC-LAYNE 1	80-09-23	31	0	9.2	1.8	200	4.5	210	4.2	163
WOODSTOWN BORO WD 2	80-10-06	14	0	3.9	.8	240	4.6	170	6.6	249
PENNSVILLE T WD5	80-10-02	31	0	7.2	3.1	6.7	1.4	6.4	3.6	88
PENNS GROVE WC LAYTN1-79	80-09-23	75	57	15	9.0	4.7	4.1	19	33	22
WOODSTOWN BORO WD 3	80-10-06	13	0	3.9	.7	240	4.6	170	7.1	299
NL INDUSTRIES MON 8R	80-11-21	30	0	9.5	1.4	2.6	1.8	6.2	.0	39
NL INDUSTRIES MON 9R2	80-11-21	10	0	2.8	.6	2.9	1.2	7.4	1.0	13
SPARKS, MAYHEW	80-11-20	180	88	45	17	8.4	40	35	79	112
				BUCKS						
BRISTOL BOROUGH WD 6	80-06-10	75	47	16	8.4	9.5	2.0	15	38	34
KINGS FARM CO	80-06-09	110	60	23	12	6.9	1.4	10	59	61
PENNSBURY MANOR ST PARK	80-06-09	92	29	22	8.9	6.3	1.9	11	29	77
PENNSBY MANOR ST PK-DEEP	80-06-16	78	0	23	4.9	4.2	3.5	3.6	18	109
ROHM AND HAAS 3	80-06-10	75	58	15	9.0	50	2.8	88	40	20
				PHILADELPHIA						
US NAVAL BASE	80-11-04	320	44	54	44	28	3.9	40	130	336
US NAVAL BASE	80-11-18	140	0	33	14	27	4.5	31	.9	375
US NAVAL BASE	80-11-18	290	0	60	33	54	6.0	59	170	388
US NAVAL BASE	80-11-18	190	0	41	22	27	4.4	34	68	290
GULF OIL CORP	80-11-06	180	40	32	25	33	2.9	50	91	171
ROOSEVELT PARK	80-11-19	230	0	47	27	22	6.4	18	1.3	322
US NAVAL HOSPITAL	80-12-03	390	0	54	62	43	3.2	50	21	610

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENT-I-FIER	DATE OF SAMPLE	SILICA, DIS-SOLVED (MG/L AS SIO2)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
				GLOUCESTER						
DEPTFORD TWP MUA 6	80-09-02	9.3	30	<1	3	<3	<10	190	<10	<4
ROLLINS ENVIR DP1	80-10-31	11	100	<1	4	25	<10	12000	<10	15
ROLLINS ENVIR DP3	80-10-31	7.4	90	<1	3	7	10	26	23	9
GLOUCESTER SEW AUTH 1	80-09-25	12	110	<1	1	26	<10	9100	<10	13
NJ TPK AUTH-MAINT S-1-64	80-09-08	9.4	120	<1	6	<3	<10	440	13	10
REPAUPO FIRE CO 30-1972	80-09-24	12	60	1	2	26	<10	23000	<10	14
ALLIED ENERGY 1 1977	80-09-15	14	90	<1	3	24	<10	530	<10	45
LOGAN TWP MUA 1	80-10-09	22	40	1	3	<3	<10	6900	<10	<4
TEXACO EAGLE PT 4A	80-09-09	14	110	<1	5	<3	<10	4500	17	10
S&S AUCTION HOUSE 1 1978	80-09-25	7.2	50	1	<1	6	16	500	<10	<4
				MERCER						
STAUFFER CHEM CO 1	80-06-04	8.2	40	2	3	<3	<10	2800	<10	13
BORDENTOWN WD-WH 1	80-06-04	6.6	30	<1	3	20	42	130	<10	6
CHAMPALE INC-YARDSIDE	80-06-04	13	40	<1	<1	20	930	230	<10	14
PUB SERV E-G-DUCK ISL 1	80-06-09	14	230	3	9	<3	<10	12000	--	4
				SALEM						
EI DUPONT-COURSE LAND P1	80-10-15	8.4	20	<1	1	<3	<10	200	<10	<4
NJ TPKE SERV AREA 1N-1	80-09-08	8.8	50	<1	5	<3	<10	1400	15	8
OLDSMANS TWP WD 1	80-10-03	11	40	6	2	<3	<10	1500	<10	7
DAWSON, H W	80-10-20	15	40	<1	4	86	<10	22000	<10	12
AIRCO INDUSTRIAL GASES 1	80-10-03	11	40	1	<1	<3	<10	2500	<10	12
BF GOODRICH CO 9	80-10-09	11	50	2	5	<3	11	9300	<10	10
BF GOODRICH CO 6	80-10-09	11	60	3	4	<3	<10	8800	<10	11
BF GOODRICH CO 4	80-10-09	9.7	120	5	3	<3	<10	5300	<10	17
PENNS GROVE SEW AUTH 1	80-09-22	26	20	<1	8	<3	<10	15	<10	4
LINSKI, ALEX 2-1962	80-10-10	7.6	210	3	3	<3	<10	2400	<10	11
US ARMY-FINNS PT CEM	80-10-10	7.9	50	8	2	<3	<10	1900	<10	<4
PENNSVILLE TWP WD 4	80-10-02	43	30	<1	2	19	<10	12000	<10	5
PENNSVILLE TWP WD 3	80-10-02	40	30	<1	4	35	<10	20000	<10	5
PENNSVILLE TWP WD 1	80-10-02	12	50	<1	<1	6	<10	3600	<10	<4
PENNSVILLE TWP WD 2	80-10-02	14	100	<1	3	22	<10	12000	<10	5
ATL CITY EL-DEEPWATER 3R	80-09-22	14	80	<1	3	<3	<10	7	<10	5
EI DUPONT-RANNEY 7	80-10-21	37	60	<1	4	100	<10	24000	<10	<4
ATL CITY EL-DEEPWATER 6	80-09-22	18	150	<1	7	<3	<10	29	<10	7
EI DUPONT-DRINKWATER 8	80-10-15	8.0	30	<1	<1	<3	<10	600	<10	<4
SALEM CO OFFICE BLDG 1	80-10-14	8.5	40	<1	3	<3	<10	150	<10	5
RICHMAN ICE CREAM 1	80-09-16	8.0	20	<1	3	<3	19	930	<10	<4
DUBOIS BROTHERS IRR 74	80-09-16	7.9	40	<1	1	69	<10	410	<10	4
EI DUPONT-COURSE LAND P3	80-10-15	8.6	20	3	4	<3	<10	350	<10	<4
EI DUPONT-CARNEY PT 2	80-10-15	4.9	70	1	<1	<3	<10	1400	<10	23
PENNS GROVE WC 2B	80-09-23	13	80	<1	3	10	<10	21	<10	12
PENNS GROVE WC-LAYNE 1	80-09-23	8.0	50	<1	3	<3	<10	770	<10	7
WOODSTOWN BORO WD 2	80-10-06	8.1	40	<1	<1	<3	<10	100	<10	<4
PENNSVILLE T WD5	80-10-02	53	40	1	6	27	<10	17000	<10	4
PENNS GROVE WC LAYTN1-79	80-09-23	13	60	<1	2	<3	10	19	<10	2
WOODSTOWN BORO WD 3	80-10-06	8.2	40	<1	2	<3	<10	6	<10	4
NL INDUSTRIES MON 8R	80-11-21	11	40	<1	<1	<3	<10	1300	<10	7
NL INDUSTRIES MON 9R2	80-11-21	11	30	<1	1	5	<10	3000	<10	8
SPARKS, MAYHEW	80-11-20	7.0	60	<1	<1	14	17	12	<10	<4
				BUCKS						
BRISTOL BOROUGH WD 6	80-06-10	7.1	80	2	<1	<3	15	33	--	<4
KINGS FARM CO	80-06-09	13	60	3	<1	<3	<10	96	--	<4
ROHM AND HAAS 3	80-06-10	11	100	<1	3	<3	17	150	<10	<4
PENNSBURY MANOR ST PARK	80-06-09	6.4	30	3	3	<3	<10	110	--	<4
PENNSBY MANOR ST PK-DEEP	80-06-16	10	60	<1	2	<3	<10	9600	<10	<4
				PHILADELPHIA						
US NAVAL BASE	80-11-04	17	40	<1	9	56	<10	26000	26	6
US NAVAL BASE	80-11-18	11	60	<1	8	140	<10	47000	<10	<4
US NAVAL BASE	80-11-18	14	150	<1	10	200	<10	56000	10	15
US NAVAL BASE	80-11-18	14	60	<1	6	120	<10	32000	<10	10
GULF OIL CORP	80-11-06	30	130	<1	6	10	<10	22000	<10	5
ROOSEVELT PARK	80-11-19	13	80	<1	6	<3	<10	16000	<10	5
US NAVAL HOSPITAL	80-12-03	17	70	2	2	<3	<10	5200	<10	3

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

LOCAL IDENTIFIER	DATE OF SAMPLE	MANGANESE, DISSOLVED (UG/L AS MN)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	FLOW RATE, INSTANTANEOUS (GPM)
			GLOUCESTER					
DEPTFORD TWP MUA 6	80-09-02	11	<10	290	<6.0	<4	166	1150
ROLLINS ENVIR DP1	80-10-31	170	<10	450	8.0	12	301	6
ROLLINS ENVIR DP3	80-10-31	66	<10	120	<6.0	45	173	4
GLOUCESTER SEW AUTH 1	80-09-25	250	<10	470	<6.0	41	218	90
NJ TPK AUTH-MAINT S-1-64	80-09-08	14	<10	730	<6.0	72	242	--
REPAUPO FIRE CO 30-1972	80-09-24	350	<10	74	<6.0	39	173	100
ALLIED ENERGY 1 1977	80-09-15	380	<10	230	<6.0	43	74	500
LOGAN TWP MUA 1	80-10-09	230	10	61	<6.0	46	58	25
TEXACO EAGLE PT 4A	80-09-09	130	<10	2300	<6.0	<4	295	600
S&S AUCTION HOUSE 1 1978	80-09-25	290	<10	95	<6.0	230	120	136
			MERCER					
STAUFFER CHEM CO 1	80-06-04	44	<10	19	<6.0	13	30	175
BORDENTOWN WD-WH 1	80-06-04	11	<10	20	<6.0	130	32	625
CHAMPALE INC-YARDSIDE	80-06-04	880	<10	100	<6.0	600	278	--
PUB SERV E-G-DUCK ISL 1	80-06-09	3000	22	560	<6.0	<4	379	--
			SALEM					
EI DUPONT-COURSE LAND P1	80-10-15	4	<10	110	<6.0	26	215	500
NJ TPKE SERV AREA 1N-1	80-09-08	19	<10	330	8.0	<4	111	380
OLDSMANS TWP WD 1	80-10-03	12	15	290	<6.0	10	113	115
DAWSON, H W	80-10-20	130	15	120	11	7	81	12
AIRCO INDUSTRIAL GASES 1	80-10-03	110	20	54	<6.0	16	25	500
BF GOODRICH CO 9	80-10-09	180	19	94	8.0	11	48	400
BF GOODRICH CO 6	80-10-09	280	22	170	<6.0	6	63	400
BF GOODRICH CO 4	80-10-09	37	13	1100	<6.0	13	638	200
PENNS GROVE SEW AUTH 1	80-09-22	210	<10	29	<6.0	29	120	100
LINSKI, ALEX 2-1962	80-10-10	21	13	1100	<6.0	9	922	12
US ARMY-FINNS PT CEM	80-10-10	8	<10	250	<6.0	10	314	13
PENNSVILLE TWP WD 4	80-10-02	470	<10	160	<6.0	4	130	600
PENNSVILLE TWP WD 3	80-10-02	350	<10	73	7.0	7	122	400
PENNSVILLE TWP WD 1	80-10-02	66	<10	220	<6.0	8	231	180
PENNSVILLE TWP WD 2	80-10-02	130	<10	370	<6.0	36	300	350
ATL CITY EL-DEEPWATER 3R	80-09-22	150	<10	460	<6.0	<4	236	300
EI DUPONT-RANNEY 7	80-10-21	550	<10	51	9.0	5	130	800
ATL CITY EL-DEEPWATER 6	80-09-22	630	<10	720	<6.0	<4	383	450
EI DUPONT-DRINKWATER 8	80-10-15	7	<10	90	<6.0	19	288	130
SALEM CO OFFICE BLDG 1	80-10-14	2	<10	150	<6.0	<4	236	14
RICHMAN ICE CREAM 1	80-09-16	12	<10	77	<6.0	430	250	--
DUBOIS BROTHERS IRR 74	80-09-16	7	<10	300	<6.0	<4	163	500
EI DUPONT-COURSE LAND P3	80-10-15	5	<10	120	<6.0	7	155	500
EI DUPONT-CARNEY PT 2	80-10-15	220	<10	870	<6.0	<4	327	--
PENNS GROVE WC 2B	80-09-23	170	<10	150	<6.0	130	142	300
PENNS GROVE WC-LAYNE 1	80-09-23	7	<10	450	<6.0	<4	523	750
WOODSTOWN BORO WD 2	80-10-06	3	<10	220	<6.0	<4	542	250
PENNSVILLE T WD5	80-10-02	740	<10	86	<6.0	<4	123	400
PENNS GROVE WC LAYTN1-79	80-09-23	66	<10	170	<6.0	9	151	400
WOODSTOWN BORO WD 3	80-10-06	4	<10	220	<6.0	5	541	550
NL INDUSTRIES MON 8R	80-11-21	460	<10	110	<6.0	17	52	2
NL INDUSTRIES MON 9R2	80-11-21	62	<10	27	<6.0	39	40	2
SPARKS, MAYHEW	80-11-20	1400	<10	210	<6.0	100	358	4
			BUCKS					
BRISTOL BOROUGH WD 6	80-06-10	3	18	86	<6.0	<4	147	135
KINGS FARM CO	80-06-09	3	<10	78	<6.0	<4	183	12
PENNSBURY MANOR ST PARK	80-06-09	3	<10	140	<6.0	190	158	18
PENNSBY MANOR ST PK-DEEP	80-06-16	140	<10	220	<6.0	<4	113	200
ROHM AND HAAS 3	80-06-10	120	<10	100	<6.0	<4	273	--
			PHILADELPHIA					
US NAVAL BASE	80-11-04	6200	<10	390	<6.0	7	526	9
US NAVAL BASE	80-11-18	800	<10	290	<6.0	<4	312	9
US NAVAL BASE	80-11-18	4100	<10	1500	<6.0	<4	596	9
US NAVAL BASE	80-11-18	2000	<10	1200	<6.0	<4	360	9
GULF OIL CORP	80-11-06	8600	<10	240	<6.0	<4	363	--
ROOSEVELT PARK	80-11-19	1200	<10	360	<6.0	6	374	9
US NAVAL HOSPITAL	80-12-03	2200	34	310	<6.0	<4	590	10

TABLE 3.--RESULTS OF CHEMICAL ANALYSES OF WATER SAMPLES FROM SELECTED WELLS--CONTINUED

WELL NUMBER	LOCAL IDENTIFIER	DATE OF SAMPLE	TEMPERATURE, WATER (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH FIELD (UNITS)	CARBON DIOXIDE DISSOLVED (MG/L AS CO2)	ALKALINITY (MG/L AS CACO3)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS P)	CARBON, ORGANIC DISSOLVED (MG/L AS C)
					PHILADELPHIA					
PH- 205	NATIONWIDE FURNITURE	80-11-06	15.0	1220	6.2	192	156	8.2	.050	5.8
PH- 407	PUBLICKER INDUSTRIES	80-11-05	15.0	672	6.1	239	154	.01	.000	3.5
PH- 415	PUBLICKER INDUSTRIES	80-11-05	15.0	600	6.6	145	296	.00	.030	8.4
PH- 417	PUBLICKER INDUSTRIES	80-11-05	15.0	768	6.4	187	240	.01	.000	3.3
PH- 466	CONTINTENTAL DISTILLERS	80-11-20	16.0	720	6.7	58	149	9.1	--	.8

LOCAL IDENTIFIER	DATE OF SAMPLE	HARDNESS (MG/L AS CACO3)	HARDNESS, NONCARBONATE (MG/L CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	BICARBONATE (MG/L AS HCO3)
					PHILADELPHIA					
NATIONWIDE FURNITURE	80-11-06	390	230	73	50	110	12	120	240	190
PUBLICKER INDUSTRIES	80-11-05	220	66	56	19	47	6.5	57	150	188
PUBLICKER INDUSTRIES	80-11-05	150	0	34	16	25	5.5	35	13	361
PUBLICKER INDUSTRIES	80-11-05	270	30	48	36	53	7.1	60	140	293
CONTINTENTAL DISTILLERS	80-11-20	230	81	43	30	45	15	73	110	182

LOCAL IDENTIFIER	DATE OF SAMPLE	SILICA, DISSOLVED (MG/L AS SIO2)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
					PHILADELPHIA					
NATIONWIDE FURNITURE	80-11-06	13	50	<1	<1	<3	480	820	<10	4
PUBLICKER INDUSTRIES	80-11-05	13	150	<1	4	25	<10	17000	25	17
PUBLICKER INDUSTRIES	80-11-05	21	160	<1	7	36	<10	21000	19	5
PUBLICKER INDUSTRIES	80-11-05	16	100	<1	6	40	<10	22000	25	13
CONTINTENTAL DISTILLERS	80-11-20	15	150	<1	3	30	<10	18000	<10	6

LOCAL IDENTIFIER	DATE OF SAMPLE	MANGANESE, DISSOLVED (UG/L AS MN)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	FLOW RATE, INSTANTANEOUS (GPM)
				PHILADELPHIA				
NATIONWIDE FURNITURE	80-11-06	210	15	290	<6.0	410	781	50
PUBLICKER INDUSTRIES	80-11-05	450	<10	2100	<6.0	13	468	--
PUBLICKER INDUSTRIES	80-11-05	650	<10	340	<6.0	<4	323	--
PUBLICKER INDUSTRIES	80-11-05	820	<10	820	<6.0	<4	534	--
CONTINTENTAL DISTILLERS	80-11-20	2200	<10	320	<6.0	<4	504	8

TABLE 4.--RESULTS OF SCAN FOR VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES FROM SELECTED WELLS
[RESULTS IN MICROGRAMS PER LITER. ZERO VALUES INDICATE COMPOUND NOT DETECTED AT DETECTION LIMIT OF 1 µg/L]

WELL NUMBER	LOCAL WELL IDENTIFIER	DATE	BENZENE	CHLORO-FORM	1,1-DI-CHLORO-ETHYLENE	1,2-(TRANS)-DICHLORO-ETHYLENE	METHYLENE CHLORIDE	TETRA-CHLORO-ETHYLENE	TOLU-ENE	1,1,2-TRI-CHLORO-ETHANE	TRI-CHLORO-ETHYLENE
5- 39	DELAWARE VALLEY WC 15	80-06-30	0	0	0	0	0	0	0	0	0
5- 43	OCEAN SPRAY 1	80-06-05	0	0	0	0	0	0	0	0	0
5- 48	NJ DEPT DEF-NAT GUARD 1	80-06-05	0	0	0	0	0	0	0	0	0
5- 51	BURLINGTON CITY WD 3	80-06-12	0	0	0	0	0	0	0	0	28
5- 76	HEAL, CHARLES	80-06-19	0	0	0	0	0	0	3	0	0
5- 77	BURLINGTON TWP WD 1-1973	80-06-12	0	0	0	0	0	0	0	0	0
5- 87	TENNECO PLASTICS 5-OBS	80-07-25	0	0	0	0	0	0	0	0	0
5- 89	TENNECO CHEM 7	80-10-24	0	0	0	0	0	0	0	0	0
5- 89	TENNECO CHEM 7	80-06-20	0	0	0	0	0	0	3	0	8
5- 92	TENNECO CHEM 1	80-10-24	0	0	0	0	0	0	0	0	0
5- 94	TENNECO CHEM 3	80-10-24	0	0	16	0	0	0	0	0	31
5- 94	TENNECO CHEM 3	80-06-20	0	0	670	0	0	0	3	0	214
5- 100	HERCULES POWDER 2	80-06-11	0	0	0	0	0	0	0	0	0
5- 102	COLUMBUS METAL 1	80-06-27	0	0	0	0	0	0	0	0	0
5- 105	HOOKER CHEM CO-PROD 1	80-06-26	0	0	0	0	0	0	0	0	0
5- 123	DELAWARE VALLEY WC 28	80-08-06	0	0	0	0	0	0	0	0	0
5- 126	DELAWARE VALLEY WC12	80-08-06	0	0	0	0	0	0	0	0	0
5- 127	DELAWARE VALLEY WC 14	80-06-30	0	0	0	0	0	0	0	0	0
5- 130	DELAWARE VALLEY WC 13	80-06-30	0	0	0	0	0	0	0	0	0
5- 139	HOLIDAY LAKE WORTHINGTON	80-08-29	0	0	0	0	0	0	0	0	0
5- 140	CHANT, HARRY	80-08-29	0	0	0	0	0	0	0	0	0
5- 144	DELAWARE VALLEY WC 24	80-06-30	0	0	0	0	0	0	0	0	0
5- 184	HUNT BROS CIRCUS	80-06-06	0	0	0	0	0	0	0	0	0
5- 185	SHERWATT EQUIPMENT 1	80-06-06	0	0	0	0	0	0	0	0	0
5- 189	FLORENCE TWP WD 2	80-06-12	0	0	0	0	0	3	5	0	0
5- 208	COLUMBUS WC 2	80-10-22	0	0	0	0	0	0	0	0	0
5- 212	N BURL CO HIGH SCHOOL 1	80-10-22	0	0	0	0	0	0	0	0	0
5- 214	WALDER, THOMAS	80-07-29	0	0	0	0	0	0	0	0	0
5- 228	MAPLE SHADE WD 10	80-08-28	0	0	0	0	0	0	0	0	0
5- 229	MAPLE SHADE WD 9	80-08-29	0	0	0	0	0	0	0	0	0
5- 232	MAPLE SHADE WD 8	80-07-15	0	0	0	0	0	0	0	0	0
5- 265	MOORESTOWN TWP WD 6	80-07-11	0	0	0	0	0	0	0	0	0
5- 273	MOORESTOWN FIELD CLUB 1	80-06-27	0	0	0	0	0	0	0	0	0
5- 277	CAMPBELL SOUP 3	80-06-26	0	0	0	0	0	0	0	0	0
5- 283	MOORESTOWN TWP WD 8	80-07-11	0	0	0	0	0	0	0	0	0
5- 289	MT HOLLY WC 3	80-10-23	0	0	0	0	0	0	0	0	0
5- 290	MT HOLLY WC 6	80-10-23	0	0	0	0	0	0	0	0	0
5- 292	MOUNT HOLLY WC 7	80-08-05	0	0	0	0	0	0	0	0	0
5- 301	FELLOWSHIP MOTOR LODGE	80-08-20	0	0	0	0	0	0	4	0	0
5- 304	MT LAUREL MUA 2	80-08-28	0	0	0	0	0	0	0	0	0
5- 310	NJ TURNPIKE AUTH-MAINT 2	80-09-08	0	0	0	0	0	0	0	0	0
5- 317	NJ TURNPIKE AUTH 4N-1	80-09-08	0	0	0	0	0	0	0	0	0
5- 324	MT LAUREL MUA 3	80-08-28	0	0	0	0	0	0	0	0	0
5- 392	RIVERSIDE PUB SCHOOL 1	80-06-17	0	0	0	0	0	0	0	0	0
5- 441	HELIS STOCK FARM 3	80-10-22	0	0	0	0	0	0	0	0	0
5- 446	INTSTATE STOR+PIPELN CO	80-06-19	0	0	0	0	0	0	0	0	0
5- 448	NJ DOT-RT295 REST AREA 1	80-07-17	0	0	0	0	0	0	0	0	0
5- 637	HANOVER TRLS COMMISSARY	80-06-26	0	0	0	0	0	0	0	0	0
5- 647	RANCOCAS COUNTRY CLUB 1	80-06-17	0	0	0	0	0	0	0	0	0
5- 653	WILLINGBORO MUA 4	80-06-18	0	0	0	0	0	0	0	0	0
5- 658	WILLINGBORO MUA 7	80-06-18	0	0	0	0	0	0	0	0	0
5- 661	WILLINGBORO MUA 1	80-06-18	0	0	0	0	0	0	0	0	0
5- 667	WILLINGBORO MUA 5	80-06-18	0	0	0	0	1	0	3	0	0
5- 719	PEP BOYS 1	80-06-16	0	0	0	0	0	0	0	0	0
5- 729	MAPLE SHADE WD 2	80-07-15	0	0	0	0	0	0	0	0	0
5- 731	INTERSTATE WASTE-MON 8	80-10-23	0	0	0	0	0	0	0	0	0
5- 745	BURLINGTON COUNTY CLUB 1	80-08-06	0	0	0	0	0	0	0	0	0
5- 746	MAPLE SHADE WD 11	80-07-15	0	0	0	0	0	0	0	0	0
5- 768	M LISEHORA-GARAGE WELL	80-09-25	0	0	0	0	0	0	0	0	0
5- 777	HOLIDAY LK ICE CREAM STD	80-08-29	0	0	0	0	0	0	0	0	0
5- 778	BEST WESTERN MOTEL #2	80-08-04	0	0	0	0	0	0	0	0	0
5- 779	PYROPTICS 1	80-06-11	0	0	0	0	0	0	0	0	0
5- 780	WASTE RESOURCE OBS 6	80-12-02	0	0	0	0	0	0	0	0	0
5- 781	WASTE RESOURCE OBS 5	80-12-02	0	0	0	0	0	0	0	0	5
5- 788	C R ENGLAND CO	80-06-06	0	0	0	0	0	0	0	0	0
7- 8	BELLMAWR BORO WD 4	80-07-02	0	0	0	0	0	0	0	0	0
7- 12	BELLMAWR BORO WD 3	80-07-02	0	0	0	0	0	0	0	0	0
7- 13	BELLMAWR BORO WD 1	80-07-02	0	0	0	0	0	0	0	0	0
7- 30	SJ PORT COMM NY SHIP 5A	80-11-03	0	0	0	0	0	0	0	0	0

TABLE 4.--RESULTS OF SCAN FOR VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES FROM SELECTED WELLS--CONTINUED
[RESULTS IN MICROGRAMS PER LITER. ZERO VALUES INDICATE COMPOUND NOT DETECTED AT DETECTION LIMIT OF 1 µg/L]

WELL NUMBER	LOCAL WELL IDENTIFIER	DATE	BENZENE	CHLORO-FORM	1,1-DI-CHLORO-ETHYLENE	1,2-(TRANS)-DICHLORO-ETHYLENE	METHYLENE CHLORIDE	TETRA-CHLORO-ETHYLENE	TOLU-ENE	1,1,2-TRI-CHLORO-ETHANE	TRI-CHLORO-ETHYLENE
7- 39	CAMDEN CITY WD-CITY 7N	80-07-30	0	0	0	0	0	0	0	0	0
7- 46	CAMDEN CITY WD-CITY 11	80-07-30	6	0	0	0	0	0	0	0	0
7- 61	CAMDEN CITY WD-CITY 4	80-07-30	0	0	0	68	0	73	0	0	84
7- 61	CAMDEN CITY WD-CITY 4	80-12-05	0	0	100	0	0	32	0	11	127
7- 64	CAMDEN CITY WD-CITY 17	80-07-30	0	0	0	0	0	0	0	0	55
7- 64	CAMDEN CITY WD-CITY 17	80-12-05	3	0	5	0	0	35	0	0	81
7- 68	CAMDEN CITY WD-CITY 13	80-12-05	3	0	10	0	0	0	0	0	51
7- 68	CAMDEN CITY WD-CITY 13	80-07-30	0	5	6	0	0	0	0	0	38
7- 78	CAMDEN CITY WD-CITY 5N	80-07-31	0	0	0	10	0	0	0	0	90
7- 78	CAMDEN CITY WD-CITY 5N	80-12-05	3	0	4	0	0	0	0	0	224
7- 94	CAMDEN CITY WD-CITY 16	80-07-31	0	0	0	0	0	0	0	0	0
7- 98	NEW JERSEY WC-CAMDEN 52	80-12-04	0	0	10	0	0	2	0	0	472
7- 98	NEW JERSEY WC-CAMDEN 52	80-08-21	0	15	7	0	0	0	0	0	372
7- 110	NEW JERSEY WC-CAMDEN 49	80-08-21	0	0	0	0	0	0	0	0	0
7- 122	NEW JERSEY WC-BROWN 44	80-08-21	3	0	0	0	0	0	0	0	0
7- 134	NEW JERSEY WC-OLD ORCH37	80-08-21	0	0	0	0	0	0	0	0	0
7- 147	NEW JERSEY WC-KINGSTN 25	80-08-21	0	0	0	0	0	0	0	0	0
7- 148	NEW JERSEY WC-KINGSTN 28	80-08-21	0	0	0	0	0	0	0	0	0
7- 149	NJ DEPT DEF-NAT GUARD 1	80-08-20	0	0	0	0	0	0	0	0	0
7- 160	RCA-CHERRY HILL 1	80-07-09	0	0	0	0	0	0	0	0	0
7- 171	COLLINGSWOOD BORO WD 7	80-07-07	0	0	0	0	0	0	0	0	0
7- 176	COLLINGSWOOD BORO WD 2	80-07-07	0	0	0	0	0	0	0	0	0
7- 193	CRESCENT TRAILER PK 1	80-07-07	0	0	0	0	0	0	0	0	0
7- 194	NJ ZINC CO 4-DEEP	80-07-03	0	0	0	0	0	0	0	0	0
7- 195	NJ ZINC CO 5-DEEP	80-07-03	0	0	0	0	0	0	0	0	0
7- 210	GLOUCESTER CITY WD 42	80-07-07	0	0	0	0	0	0	0	0	0
7- 221	GLOU CITY CG BASE-USGS 1	80-07-23	0	0	0	0	0	0	0	0	0
7- 249	GARDEN ST WC-BLACKWOOD 3	80-08-25	0	0	0	0	0	0	0	0	0
7- 252	GARDEN ST WC-BLACKWOOD 6	80-08-25	0	0	0	0	0	0	0	0	0
7- 273	NEW JERSEY WC-OTTERBK 29	80-08-22	0	0	0	0	0	0	0	0	0
7- 274	NEW JERSEY WC-OTTERBK 39	80-08-22	2	0	0	0	0	0	0	0	0
7- 278	NEW JERSEY WC-HADDON 15	80-08-22	0	0	0	0	0	0	0	0	0
7- 279	NEW JERSEY WC-HADDON 30	80-08-22	0	0	0	0	0	0	0	0	0
7- 293	HADDON TWP HIGH SCH 1	80-07-03	0	0	0	0	0	0	0	0	0
7- 299	HADDONFLD BORO WD-LAYN 2	80-07-09	0	0	0	0	0	0	0	0	0
7- 302	HADDONFLD BORO WD-RULON	80-07-09	0	0	0	0	0	0	0	0	0
7- 304	HADDONFLD BORO LAKE ST	80-07-09	0	0	0	0	0	0	0	0	0
7- 315	NEW JERSEY WC-MAGNOLIA16	80-08-22	0	0	0	0	0	0	0	0	0
7- 316	NEW JERSEY WC-MAGNOLIA33	80-08-22	0	0	0	0	0	0	0	0	0
7- 322	NEW JERSEY WC-OAKLYN OBS	80-08-22	0	0	0	0	0	0	0	0	0
7- 323	STEVENS AND STEVENS 1	80-07-01	0	0	0	0	0	0	0	0	0
7- 329	MERCH-PENN WCOM-BROWN 2A	80-07-30	0	0	0	0	0	12	0	0	0
7- 329	MERCH-PENN WCOM-BROWN 2A	80-07-10	0	0	0	0	0	16	0	0	0
7- 335	MERCH-PENN WCOM-MARION1	80-07-11	0	0	0	0	0	0	0	0	0
7- 339	PREDCO PREC PANELS	80-09-05	0	0	0	0	0	0	0	0	0
7- 341	MERCH PENN WCOM DEL GN 2	80-07-10	0	0	0	0	0	0	0	0	0
7- 350	MERCH-PENN WCOM-PARK 2	80-07-30	0	0	0	0	0	0	0	0	146
7- 350	MERCH-PENN WCOM-PARK 2	80-07-10	0	0	0	0	0	0	0	0	119
7- 354	PETTY ISLAND OBS	80-11-19	0	0	0	0	0	0	0	0	0
7- 367	CAMDEN CITY WD-PUCHACK 3	80-07-21	0	0	0	0	0	0	0	0	14
7- 368	CAMDEN CITY WD-DELAIR 1	80-07-22	0	0	0	0	0	0	0	0	0
7- 372	MERCH PENN WCOM-NAT HY 1	80-07-10	0	0	0	0	0	0	0	0	0
7- 373	CAMDEN CITY WD-MORRIS 6	80-07-22	0	0	0	0	0	0	0	0	0
7- 379	CAMDEN CITY WD MORRIS 10	80-07-21	5	0	0	0	0	0	6	0	0
7- 517	BROOKLAWN BORO WD 4-67	80-08-27	0	0	0	0	0	0	0	0	0
7- 535	CAMDEN CITY WD TW1 79	80-07-28	0	0	0	0	0	0	0	0	0
7- 541	CAMDEN CITY WD TW8 79	80-07-28	0	0	10	5	0	0	0	0	82
7- 553	GLOU CITY CG BASE-USGS 2	80-07-23	0	0	0	0	0	0	0	0	0
7- 554	GLOU CITY CG BASE-USGS 3	80-07-23	0	0	0	0	0	0	0	0	0
7- 555	PENLER ANODIZING CO 1	80-07-01	0	0	15	0	0	23	0	8	14
7- 559	MEADOWBROOK SWIM CLUB	80-07-01	0	0	0	0	0	0	0	0	0
7- 560	MERCH-PENN WCOM-WDBINE 2	80-07-10	0	0	0	0	0	0	0	0	0
7- 562	NJDEP-HARRISON AVE 2	80-08-07	0	5	0	0	0	0	6	0	0
7- 563	NJDEP-HARRISON AVE 3	80-08-08	0	0	0	0	0	0	0	0	0
7- 566	NJDEP-HARRISON AVE 6	80-08-07	0	0	0	0	0	0	0	0	0
7- 567	NJDEP-HARRISON AVE 7	80-08-07	3	0	0	0	0	0	0	0	0
7- 568	PENNSAUKN LANDFILL MON 1	80-10-29	22	0	83	0	5	13	4	0	17
7- 571	PENNSAUKN LANDFILL MON 4	80-10-29	0	0	0	0	0	0	0	0	0
7- 575	BELL SUPPLY CO 1	80-08-25	0	0	0	0	0	0	0	0	0
15- 9	DEPTFORD TWP MUA 5-1971	80-09-02	0	0	0	0	0	0	0	0	0

TABLE 4.--RESULTS OF SCAN FOR VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES FROM SELECTED WELLS--CONTINUED
[RESULTS IN MICROGRAMS PER LITER. ZERO VALUES INDICATE COMPOUND NOT DETECTED AT DETECTION LIMIT OF 1 µg/L]

WELL NUMBER	LOCAL WELL IDENTIFIER	DATE	BENZENE	CHLORO-FORM	1,1-DI-CHLORO-ETHYLENE	1,2-(TRANS)-DICHLORO-ETHYLENE	METHYLENE CHLORIDE	TETRA-CHLORO-ETHYLENE	TOLU-ENE	1,1,2-TRI-CHLORO-ETHANE	TRI-CHLORO-ETHYLENE
15- 16	DEPTFORD TWP MUA 1	80-09-02	0	0	0	0	0	0	0	0	0
15- 24	DEPTFORD TWP MUA 4	80-09-02	0	0	0	0	0	0	0	0	0
15- 28	E GREENWICH TWP WD 2	80-09-04	0	0	0	0	0	0	0	0	0
15- 69	GREENWICH TWP WD 3	80-09-18	0	0	0	0	0	0	0	0	0
15- 72	EI DUPONT REPAUNO 3	80-09-12	0	0	0	0	0	0	0	0	0
15- 76	HERCULES CHEM 4-1970	80-12-04	1960	0	0	0	0	0	0	0	0
15- 76	HERCULES CHEM 4-1970	80-09-15	724	0	0	0	0	0	0	0	0
15- 79	EI DUPONT REPAUNO 6	80-12-09	0	0	0	0	0	38	0	0	1
15- 79	EI DUPONT REPAUNO 6	80-09-12	0	0	0	0	0	44	0	0	0
15- 81	EI DUPONT REPAUNO 5	80-09-12	0	0	0	0	0	27	0	0	0
15- 81	EI DUPONT REPAUNO 5	80-12-04	0	0	0	0	0	40	0	0	1
15- 94	MOBIL OIL-GREENWICH 44	80-12-05	942	0	0	0	0	0	0	0	0
15- 94	MOBIL OIL-GREENWICH 44	80-09-17	1032	0	0	0	0	0	0	0	0
15- 98	MOBIL OIL-GREENWICH 45	80-09-17	219	0	0	0	0	0	0	0	0
15- 98	MOBIL OIL-GREENWICH 45	80-12-05	124	0	0	0	0	0	0	0	0
15- 118	MOBIL OIL-GREENWICH 47	80-09-17	0	0	0	0	0	0	0	0	0
15- 129	SO JERSEY WS CO 1	80-10-27	0	0	0	0	0	0	0	0	0
15- 131	CLEARVIEW HIGH SCHOOL 1	80-09-18	0	0	0	0	0	0	0	0	0
15- 137	PURELAND WC 2 (3-1973)	80-09-26	0	0	0	0	0	0	0	0	0
15- 139	PURELAND WC TEST WELL3	80-09-26	0	0	0	0	0	0	0	0	0
15- 143	PURELAND WC LANDTEC TW6C	80-09-30	0	0	0	0	0	0	0	0	0
15- 146	PURELAND WC LANDTECT TW9	80-10-01	0	0	0	0	0	0	0	0	0
15- 159	MONSANTO CHEM EAST 1	80-09-23	0	0	0	0	0	0	0	0	0
15- 166	PENNS GROVE WC-BRIDGPT 2	80-09-16	0	0	0	0	0	0	0	0	0
15- 167	MONSANTO CHEM 3	80-09-23	0	0	0	0	0	0	0	0	0
15- 189	SEWELL WC 1	80-08-04	0	0	0	0	0	0	0	0	0
15- 191	SEWELL WC 2	80-08-04	0	0	0	0	0	0	0	0	0
15- 192	EDENWOOD WC 1	80-09-11	0	0	0	0	0	0	0	0	0
15- 193	MANTUA WC 2	80-08-04	0	0	0	0	0	0	0	0	0
15- 194	MANTUA WC 3	80-08-04	0	0	0	0	0	0	0	0	0
15- 207	NATIONAL PARK BORO WD 2	80-09-09	0	0	0	0	0	0	0	0	0
15- 210	PAULSBORO WD 6-73	80-09-11	0	0	0	0	0	0	0	0	0
15- 212	PAULSBORO WD 4-51	80-09-11	0	0	0	0	0	0	0	0	0
15- 213	PAULSBORO WD 5-57	80-09-11	0	0	0	0	0	0	0	0	0
15- 220	ESSEX CHEM CO 2	80-10-08	131	70	15	0	22	15	10	0	23
15- 231	MARINO, H	80-10-20	0	0	0	0	0	0	0	0	0
15- 236	SWEDESBORO BORO WD 3	80-09-10	0	0	0	0	0	0	0	0	0
15- 240	DEL MONTE CORP 9	80-09-10	0	0	0	0	0	0	4	0	0
15- 274	WENONAH BORO WD 1	80-08-04	0	0	0	0	0	0	0	0	0
15- 276	W DEPTFORD TWP WD 4	80-08-26	4	0	0	0	0	0	0	0	0
15- 282	W DEPTFORD TWP WD5	80-12-10	0	0	0	0	0	0	0	0	0
15- 284	SHELL CHEM CO 4	80-09-24	0	0	0	0	0	0	0	0	0
15- 308	PENNWALT CORP TW 8	80-09-18	0	0	0	0	0	0	0	0	0
15- 317	TEXACO EAGLE PT 7	80-09-09	0	0	0	0	0	0	0	0	0
15- 320	TEXACO EAGLE PT 1	80-09-09	0	0	0	0	0	0	0	0	0
15- 321	TEXACO EAGLE PT 5	80-09-09	0	0	0	0	0	0	0	0	0
15- 327	WESTVILLE BORO WD 4	80-09-02	0	0	0	0	0	0	0	0	0
15- 331	WOODBURY WD RAILROAD 5	80-12-10	0	0	0	0	0	0	0	0	0
15- 332	WOODBURY WD-PARK LOT 3	80-08-26	5	0	0	0	0	0	0	0	0
15- 334	MACCARONE J	80-10-20	0	0	0	0	0	0	0	0	0
15- 337	MAUGERI, SAL	80-10-14	0	0	0	0	0	0	0	0	0
15- 340	CATALANO, F	80-10-20	0	0	0	0	0	0	0	0	0
15- 342	DEL MONTE CORP 10	80-09-10	0	0	0	0	0	0	3	0	0
15- 345	MUSUMECI, P	80-10-27	0	0	0	0	0	0	0	0	0
15- 347	GREENWICH TWP WD 5	80-12-10	0	0	0	0	0	0	0	0	0
15- 348	GREENWICH TWP WD 6	80-09-18	0	0	0	0	0	0	0	0	0
15- 349	PURELAND WC LANDTECT 2	80-10-01	0	0	0	0	0	0	0	0	0
15- 350	PURELAND WC LANDTECT 1	80-09-30	0	0	0	0	0	0	0	0	0
15- 354	ROLLINS ENVIR DP2	80-10-31	0	0	0	0	0	0	0	0	0
15- 355	E GREENWICH TWP WD 3	80-09-05	0	0	0	0	0	0	0	0	0
15- 366	CIANCIULLI, TIMOTHY	80-11-17	0	0	0	0	0	0	2	0	0
15- 374	DEPTFORD TWP MUA 6	80-09-02	0	0	0	0	0	0	0	0	0
15- 387	ROLLINS ENVIR DP1	80-10-31	0	0	0	0	0	0	0	0	0
15- 388	ROLLINS ENVIR DP3	80-10-31	0	0	0	0	0	0	0	0	3
15- 390	GLOUCESTER SEW AUTH 1	80-09-25	0	0	0	0	0	0	0	0	0
15- 392	NJ TPK AUTH-MAINT S-1-64	80-09-08	0	0	0	0	0	0	0	0	0
15- 395	REPAUPO FIRE CO 30-1972	80-09-24	0	0	0	0	0	0	0	0	0
15- 399	ALLIED ENERGY 1 1977	80-09-15	0	0	0	0	0	0	0	0	0
15- 409	LOGAN TWP MUA 1	80-10-09	0	0	0	0	0	0	0	0	0
15- 410	TEXACO EAGLE PT 4A	80-09-09	0	0	0	0	0	0	0	0	0

TABLE 4.--RESULTS OF SCAN FOR VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES FROM SELECTED WELLS--CONTINUED
[RESULTS IN MICROGRAMS PER LITER. ZERO VALUES INDICATE COMPOUND NOT DETECTED AT DETECTION LIMIT OF 1 µg/L]

WELL NUMBER	LOCAL WELL IDENTIFIER	DATE	BENZENE	CHLORO-FORM	1,1-DI-CHLORO-ETHYLENE	1,2-(TRANS)-DICHLORO-ETHYLENE	METHYLENE CHLORIDE	TETRA-CHLORO-ETHYLENE	TOLU-ENE	1,1,2-TRI-CHLORO-ETHANE	TRI-CHLORO-ETHYLENE
15- 417	S&S AUCTION HOUSE 1 1978	80-09-25	0	0	0	0	0	0	0	0	0
21- 39	STAUFFER CHEM CO 1	80-06-04	0	0	0	0	0	0	0	0	0
21- 44	BORDENTOWN WD-WH 1	80-06-04	0	0	0	0	0	0	0	0	0
21- 92	CHAMPALE INC-YARDSIDE	80-06-04	0	0	0	0	0	0	0	0	0
21- 147	PUB SERV E-G-DUCK ISL 1	80-06-09	0	0	0	0	0	0	0	0	0
33- 67	EI DUPONT-COURSE LAND P1	80-10-15	0	0	0	0	0	0	0	0	0
33- 69	NJ TPKE SERV AREA 1N-1	80-09-08	0	0	0	0	0	0	0	0	0
33- 74	OLDSMANS TWP WD 1	80-10-03	0	0	0	0	0	0	0	0	0
33- 76	DAWSON, H W	80-10-20	0	0	0	0	0	0	0	0	0
33- 80	AIRCO INDUSTRIAL GASES 1	80-10-03	0	0	0	0	0	0	0	0	3
33- 83	BF GOODRICH CO 9	80-10-09	0	0	0	0	0	0	0	0	0
33- 85	BF GOODRICH CO 6	80-10-09	0	0	0	0	0	0	0	0	0
33- 86	BF GOODRICH CO 4	80-10-09	0	0	0	0	0	0	0	0	0
33- 103	PENNS GROVE SEW AUTH 1	80-09-22	0	0	0	0	0	0	0	0	0
33- 106	LINSKI, ALEX 2-1962	80-10-10	0	0	0	0	0	0	0	0	0
33- 108	US ARMY-FINNS PT CEM	80-10-10	0	0	0	0	0	0	0	0	0
33- 112	PENNSVILLE TWP WD 4	80-10-02	0	0	0	0	0	0	0	0	0
33- 117	PENNSVILLE TWP WD 3	80-10-02	0	0	0	0	0	0	0	0	0
33- 118	PENNSVILLE TWP WD 1	80-10-02	2	0	0	0	0	0	0	0	0
33- 119	PENNSVILLE TWP WD 2	80-10-02	0	0	0	0	0	0	0	0	0
33- 122	ATL CITY EL-DEEPWATER 3R	80-09-22	0	0	0	0	0	0	0	0	0
33- 126	EI DUPONT-RANNEY 7	80-10-21	0	0	0	0	0	0	0	0	0
33- 127	ATL CITY EL-DEEPWATER 6	80-09-22	0	0	0	0	0	0	3	0	0
33- 137	EI DUPONT-DRINKWATER 8	80-10-15	0	0	0	0	0	0	0	0	0
33- 147	SALEM CO OFFICE BLDG 1	80-10-14	0	0	0	0	0	0	0	0	0
33- 163	RICHMAN ICE CREAM 1	80-09-16	0	0	0	0	0	0	0	0	0
33- 198	DUBOIS BROTHERS IRR 74	80-09-16	0	0	0	0	0	0	0	0	0
33- 305	EI DUPONT-COURSE LAND P3	80-10-15	0	0	0	0	0	0	0	0	0
33- 322	EI DUPONT-CARNEY PT 2	80-10-15	0	0	0	0	0	0	0	0	0
33- 345	PENNS GROVE WC 2B	80-09-23	0	0	0	0	0	0	0	0	0
33- 346	PENNS GROVE WC-LAYNE 1	80-09-23	0	0	0	0	0	0	0	0	0
33- 354	WOODSTOWN BORO WD 2	80-10-06	0	0	0	0	0	0	0	0	0
33- 360	PENNSVILLE TWP WD 5	80-10-02	0	0	0	0	0	0	0	0	0
33- 361	PENNS GROVE WC LAYTN1-79	80-09-23	0	0	0	0	0	0	0	0	0
33- 362	WOODSTOWN BORO WD 3	80-10-06	0	0	0	0	0	0	0	0	0
33- 420	NL INDUSTRIES MON 9R2	80-11-21	0	0	0	0	0	0	0	0	0
BK- 563	BRISTOL BOROUGH WD 6	80-06-10	0	0	6	16	0	335	0	90	147
BK- 636	KINGS FARM CO	80-06-09	0	0	0	0	0	0	0	0	0
BK-1143	PENNSBY MANOR ST PK-DEEP	80-06-10	0	0	0	0	0	0	0	0	0
BK-1144	ROHM AND HAAS 3	80-06-16	0	0	0	0	0	0	0	0	25
PH- 6	US NAVAL BASE	80-11-04	0	0	0	0	0	0	0	0	0
PH- 12	US NAVAL BASE	80-11-18	0	0	0	0	0	0	2	0	0
PH- 19	US NAVAL BASE	80-11-18	0	0	0	0	0	0	0	0	0
PH- 20	US NAVAL BASE	80-11-18	0	0	0	0	0	0	0	0	0
PH- 44	GULF OIL CORP	80-11-06	0	0	0	0	0	0	0	0	0
PH- 64	ROOSEVELT PARK	80-11-19	0	0	0	0	0	0	0	0	0
PH- 86	US NAVAL HOSPITAL	80-12-03	18	0	0	0	0	0	0	0	0
PH- 205	NATIONWIDE FURNITURE	80-11-06	0	0	0	0	0	0	0	0	0
PH- 407	PUBLICKER INDUSTRIES	80-11-05	0	0	0	0	0	6	0	0	47
PH- 415	PUBLICKER INDUSTRIES	80-11-05	0	0	0	0	0	0	0	0	0
PH- 417	PUBLICKER INDUSTRIES	80-11-05	7	0	0	0	0	0	0	0	5